

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
 Data File : BG023113.D
 Acq On : 15 Jul 2016 14:45
 Operator : UM/SJ
 Sample : PB92146BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92146BS

Quant Time: Jul 15 23:07:05 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	8.15	152	97565	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	462496	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	348265	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	828516	20.00	ng	0.00
75) Chrysene-d12	21.86	240	891345	20.00	ng	0.01
86) Perylene-d12	25.24	264	917964	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	769478	128.99	ng	0.00
7) Phenol-d6	7.31	99	1197883	128.21	ng	0.00
23) Nitrobenzene-d5	9.33	82	879749	81.45	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	645005	103.05	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1793461	81.11	ng	0.00
78) Terphenyl-d14	20.16	244	2650378	101.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	69121	29.81	ng	95
3) Pyridine	3.97	79	246471	31.06	ng	96
4) n-Nitrosodimethylamine	3.89	42	133624	39.25	ng	# 95
6) Aniline	7.47	93	454866	35.13	ng	98
8) 2-Chlorophenol	7.72	128	265156	41.77	ng	96
9) Benzaldehyde	7.28	77	140459	22.50	ng	95
10) Phenol	7.34	94	435367	45.29	ng	95
11) bis(2-Chloroethyl)ether	7.56	93	292166	38.34	ng	93
12) 1,3-Dichlorobenzene	8.04	146	281432	36.22	ng	95
13) 1,4-Dichlorobenzene	8.19	146	289740	37.24	ng	94
14) 1,2-Dichlorobenzene	8.51	146	276452	35.74	ng	95
15) Benzyl Alcohol	8.39	79	386624	45.18	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.68	45	371050	39.87	ng	96
17) 2-Methylphenol	8.60	107	272819	43.60	ng	93
18) Hexachloroethane	9.25	117	119390	36.36	ng	91
19) n-Nitroso-di-n-propylamine	8.96	70	326662	38.78	ng	98
20) 3+4-Methylphenols	8.93	107	392279	44.95	ng	94
22) Acetophenone	8.98	105	505143	36.39	ng	# 95
24) Nitrobenzene	9.37	77	457463	39.86	ng	95
25) Isophorone	9.89	82	840732	38.70	ng	97
26) 2-Nitrophenol	10.09	139	174077	38.65	ng	89
27) 2,4-Dimethylphenol	10.14	122	305141	39.20	ng	97
28) bis(2-Chloroethoxy)methane	10.37	93	465344	38.41	ng	98
29) 2,4-Dichlorophenol	10.63	162	345563	41.62	ng	99
30) 1,2,4-Trichlorobenzene	10.84	180	341068	35.85	ng	96
31) Naphthalene	11.03	128	870816	36.99	ng	98
32) Benzoic acid	10.27	122	204885	28.93	ng	96
33) 4-Chloroaniline	11.14	127	367478	31.92	ng	91
34) Hexachlorobutadiene	11.31	225	263287	34.14	ng	98
35) Caprolactam	11.92	113	119837	35.08	ng	98
36) 4-Chloro-3-methylphenol	12.26	107	431768	38.02	ng	96
37) 2-Methylnaphthalene	12.63	142	729124	39.18	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	465671	31.03	ng	100
40) Hexachlorocyclopentadiene	12.97	237	618127	71.54	ng	99

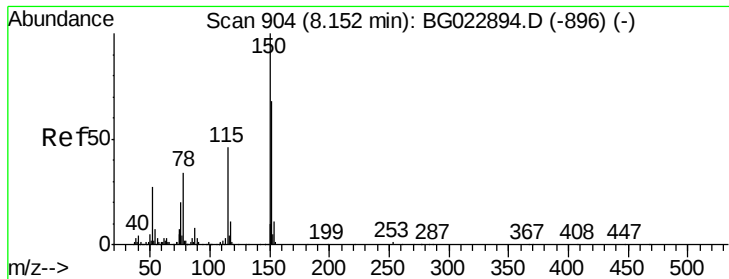
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	332762	38.58	ng	99
43) 2,4,5-Trichlorophenol	13.31	196	348790	39.37	ng	97
45) 1,1'-Biphenyl	13.63	154	1014685	38.83	ng	98
46) 2-Chloronaphthalene	13.68	162	838047	39.54	ng	95
47) 2-Nitroaniline	13.89	65	370111	40.92	ng	98
48) Acenaphthylene	14.53	152	1251333	39.35	ng	98
49) Dimethylphthalate	14.25	163	1145927	40.28	ng	98
50) 2,6-Dinitrotoluene	14.37	165	258255	40.39	ng	87
51) Acenaphthene	14.86	154	817758	39.36	ng	98
52) 3-Nitroaniline	14.71	138	220791	34.63	ng	86
53) 2,4-Dinitrophenol	14.92	184	289409	65.97	ng	99
54) Dibenzofuran	15.20	168	1338827	43.05	ng	98
55) 4-Nitrophenol	15.02	139	382455	71.57	ng	96
56) 2,4-Dinitrotoluene	15.16	165	377419	40.49	ng	98
57) Fluorene	15.85	166	1081038	40.38	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.43	232	364775	41.16	ng	98
59) Diethylphthalate	15.60	149	1192970	41.21	ng	99
60) 4-Chlorophenyl-phenylether	15.84	204	629992	38.64	ng	97
61) 4-Nitroaniline	15.88	138	258869	37.53	ng	# 87
62) Azobenzene	16.13	77	1331053	48.08	ng	94
64) 4,6-Dinitro-2-methylphenol	15.93	198	235664	38.27	ng	92
65) n-Nitrosodiphenylamine	16.05	169	1013705	42.47	ng	97
66) 4-Bromophenyl-phenylether	16.74	248	420093	38.97	ng	97
67) Hexachlorobenzene	16.85	284	447995	38.22	ng	98
68) Atrazine	17.00	200	431988	40.80	ng	99
69) Pentachlorophenol	17.21	266	543473	71.60	ng	97
70) Phenanthrene	17.60	178	1778061	43.79	ng	99
71) Anthracene	17.69	178	1795180	43.66	ng	98
72) Carbazole	17.96	167	1581411	44.51	ng	99
73) Di-n-butylphthalate	18.50	149	1898483	48.05	ng	99
74) Fluoranthene	19.60	202	2056123	41.26	ng	99
76) Benzidine	19.78	184	1338902	52.40	ng	99
77) Pyrene	19.96	202	2109953	42.12	ng	98
79) Butylbenzylphthalate	20.84	149	930388	46.90	ng	96
80) Benzo(a)anthracene	21.84	228	2163320	43.38	ng	99
81) 3,3'-Dichlorobenzidine	21.75	252	743638	33.97	ng	99
82) Chrysene	21.91	228	2043754	43.69	ng	98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1284636	46.63	ng	99
84) Di-n-octyl phthalate	22.98	149	2135220	46.47	ng	98
85) Indeno(1,2,3-cd)pyrene	29.10	276	2399264	40.23	ng	# 100
87) Benzo(b)fluoranthene	24.16	252	2316685	43.74	ng	# 99
88) Benzo(k)fluoranthene	24.23	252	2156108	42.90	ng	# 98
89) Benzo(a)pyrene	25.08	252	2237967	44.08	ng	# 99
90) Dibenzo(a,h)anthracene	29.17	278	1996145	39.62	ng	# 94
91) Benzo(g,h,i)perylene	30.31	276	1898313	37.62	ng	# 97

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

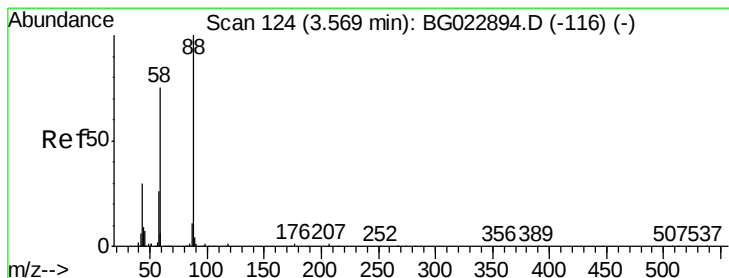
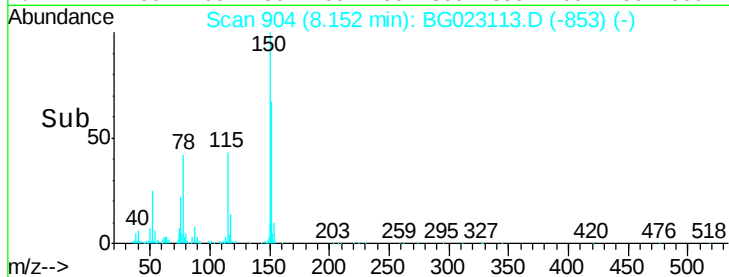
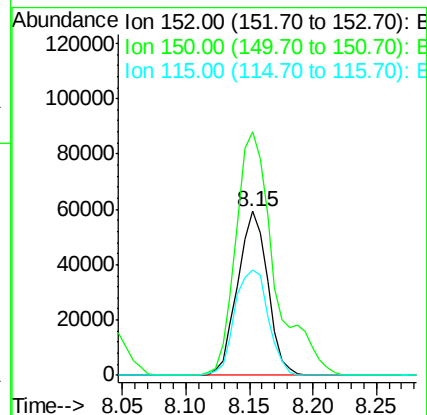
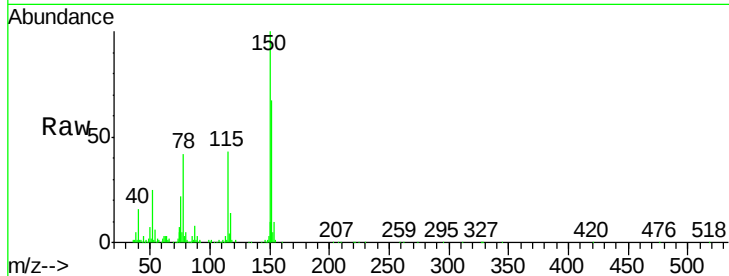


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

Instrument :
BNA_G
ClientSampleId :
PB92146BS

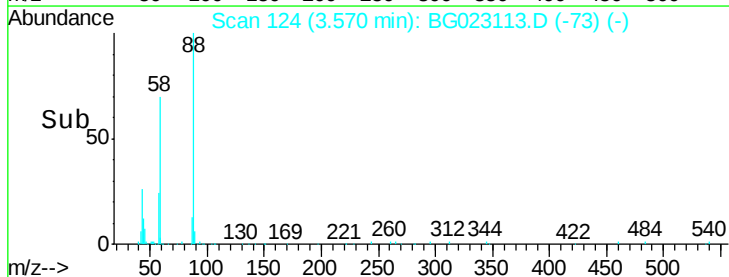
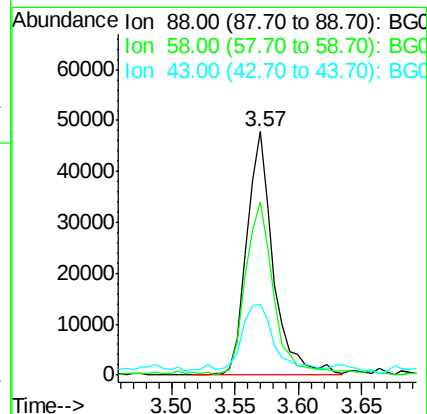
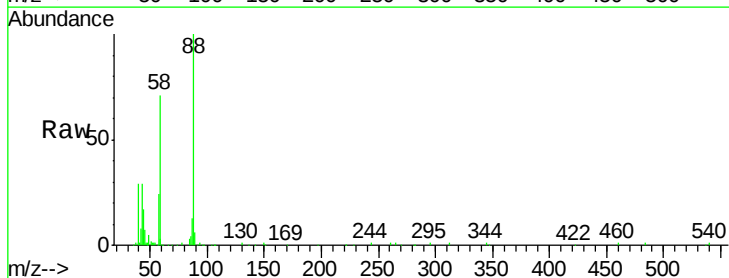
Tgt Ion:152 Resp: 97565
Ion Ratio Lower Upper
152 100
150 148.4 144.7 217.1
115 63.9 64.0 96.0#

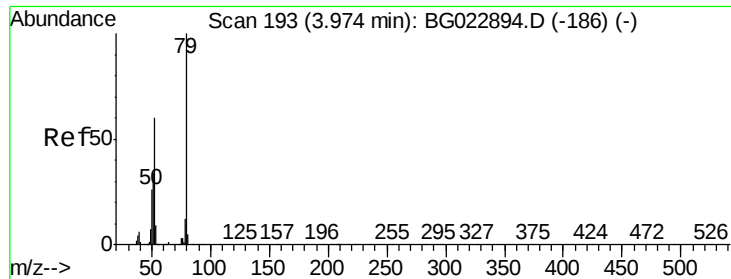


#2

1,4-Dioxane
Concen: 29.81 ng
RT: 3.57 min Scan# 124
Delta R.T. 0.00 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

Tgt Ion: 88 Resp: 69121
Ion Ratio Lower Upper
88 100
58 77.9 60.4 90.6
43 33.1 31.1 46.7





#3

Pyridine

Concen: 31.06 ng

RT: 3.97 min Scan# 192

Delta R.T. -0.01 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Instrument :

BNA_G

ClientSampleId :

PB92146BS

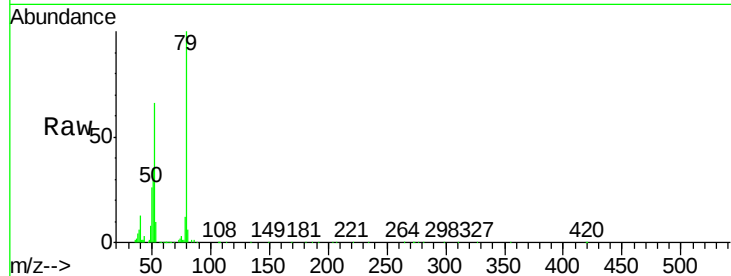
Tgt Ion: 79 Resp: 246471

Ion Ratio Lower Upper

79 100

52 65.6 51.8 77.8

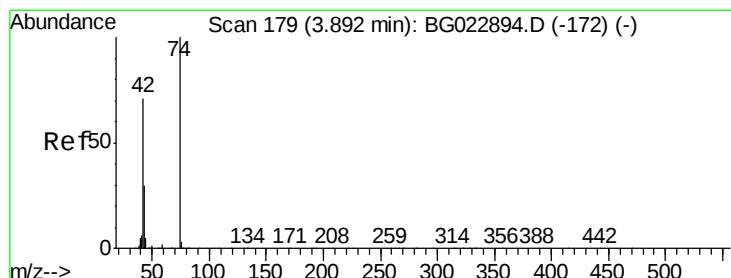
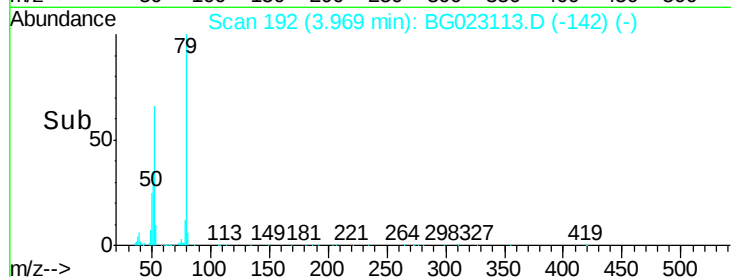
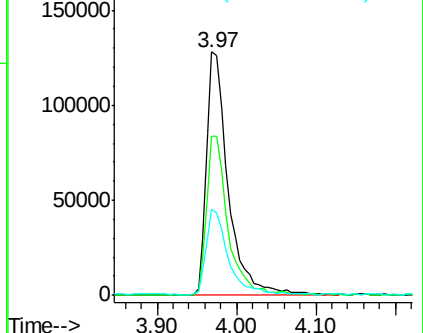
51 35.4 32.7 49.1



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: 39.25 ng

RT: 3.89 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

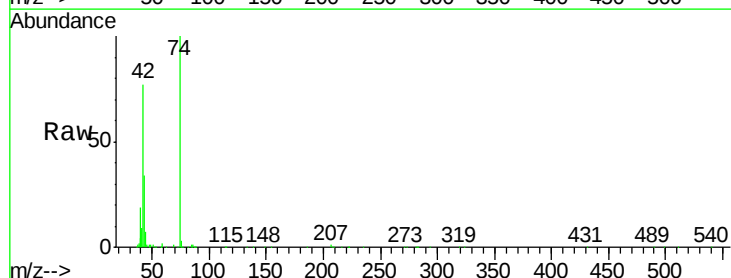
Tgt Ion: 42 Resp: 133624

Ion Ratio Lower Upper

42 100

74 130.6 100.6 150.8

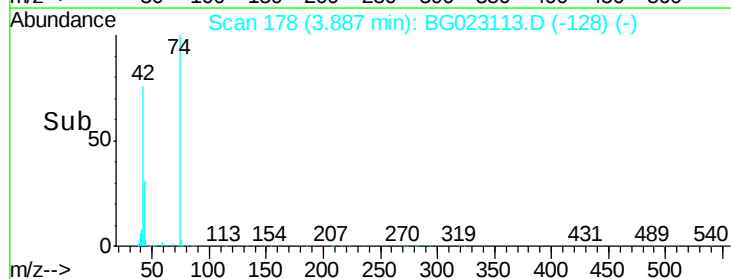
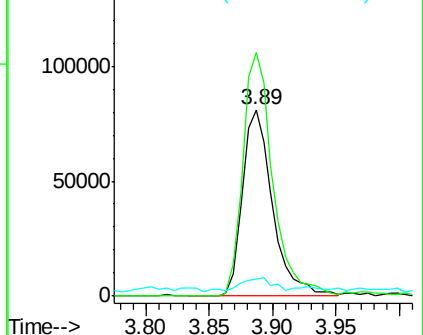
44 9.0 4.5 6.7#

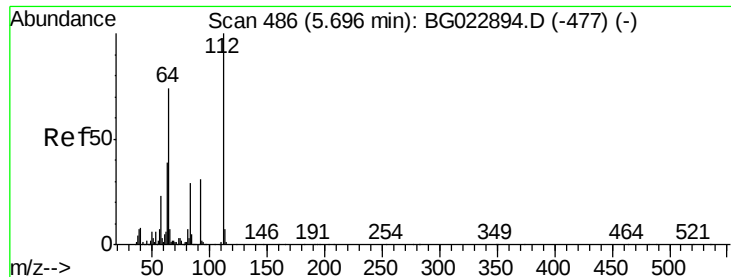


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 128.99 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Instrument :

BNA_G

ClientSampleId :

PB92146BS

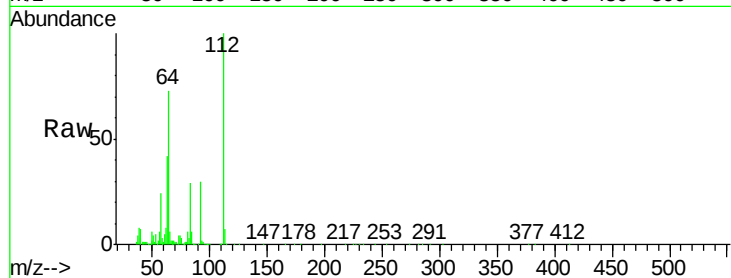
Tgt Ion: 112 Resp: 769478

Ion Ratio Lower Upper

112 100

64 72.7 59.0 88.4

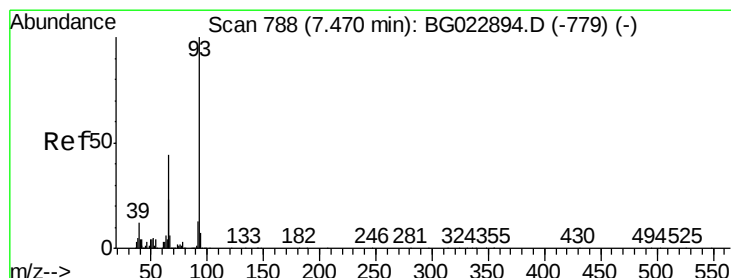
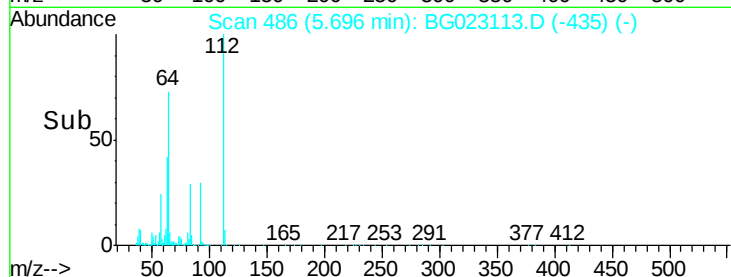
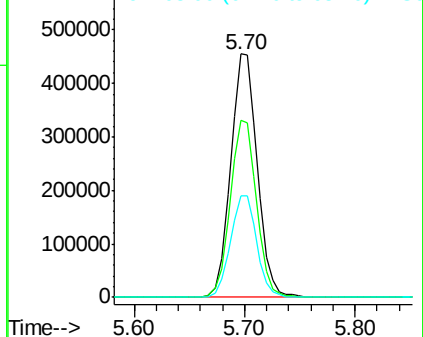
63 41.9 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.13 ng

RT: 7.47 min Scan# 788

Delta R.T. 0.00 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

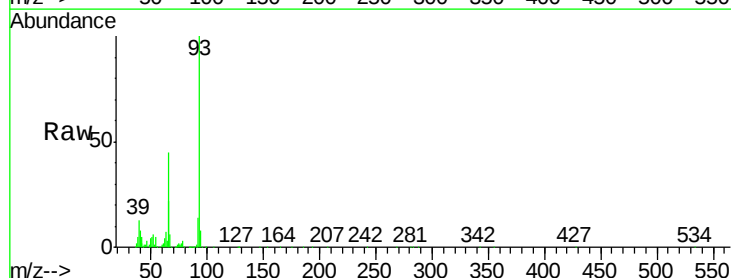
Tgt Ion: 93 Resp: 454866

Ion Ratio Lower Upper

93 100

66 45.1 37.5 56.3

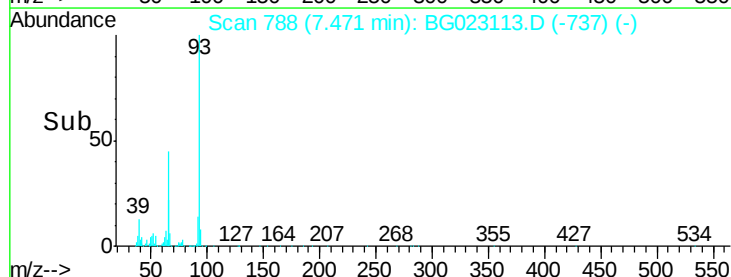
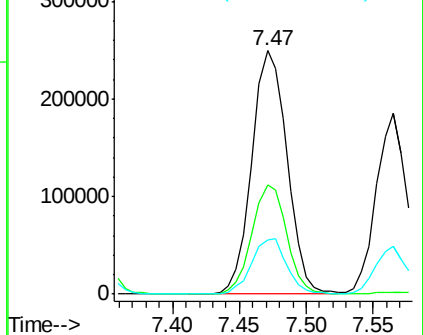
65 22.5 17.9 26.9

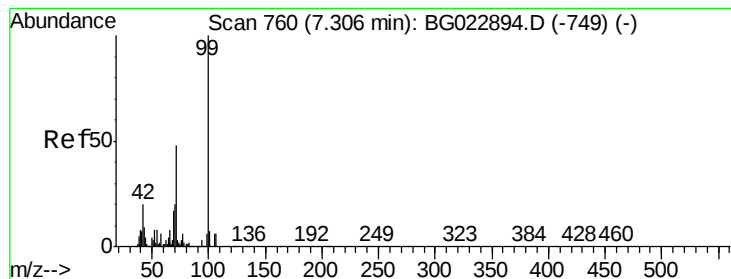


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.21 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

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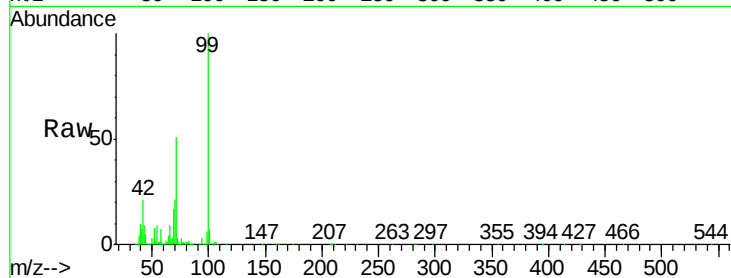
Tgt Ion: 99 Resp: 1197883

Ion Ratio Lower Upper

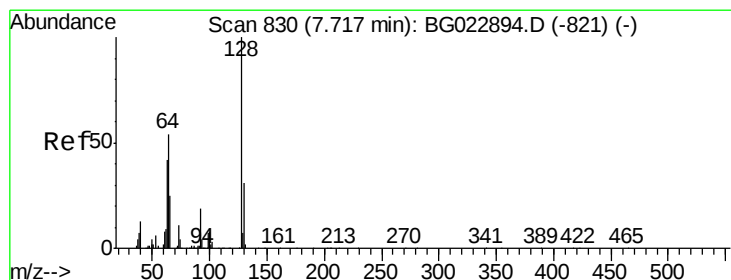
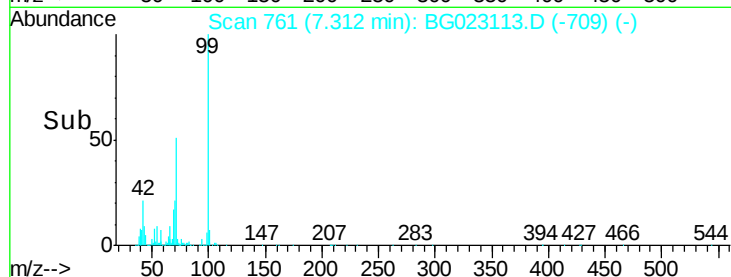
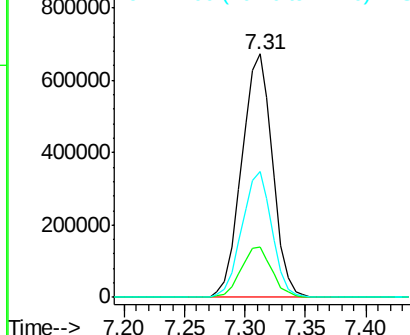
99 100

42 20.9 17.8 26.6

71 51.5 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: 41.77 ng

RT: 7.72 min Scan# 830

Delta R.T. 0.00 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

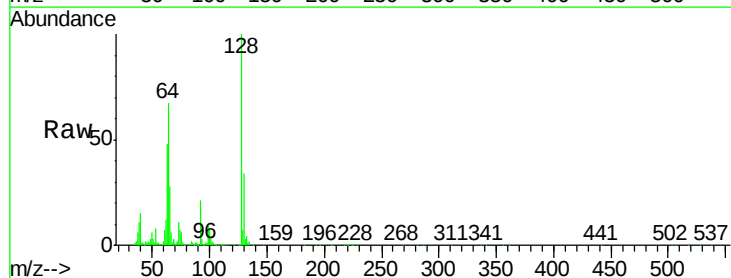
Tgt Ion: 128 Resp: 265156

Ion Ratio Lower Upper

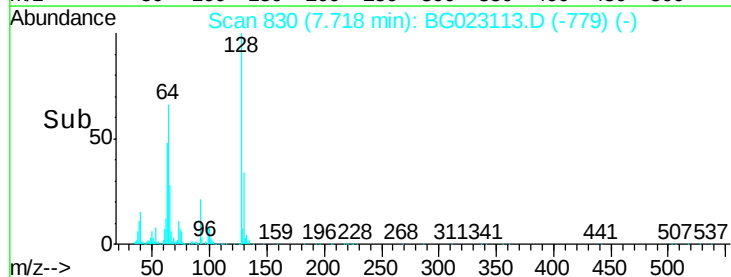
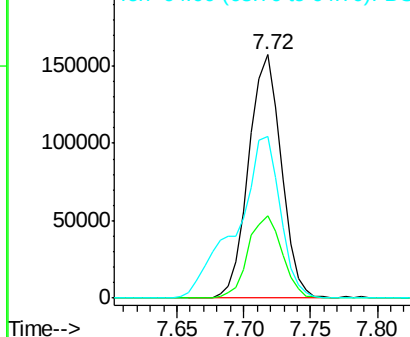
128 100

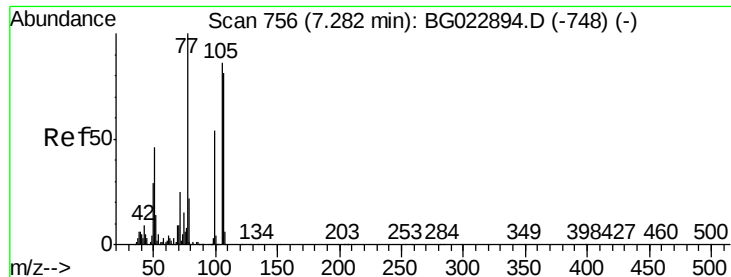
130 33.9 12.9 52.9

64 66.6 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: 22.50 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Instrument :

BNA_G

ClientSampleId :

PB92146BS

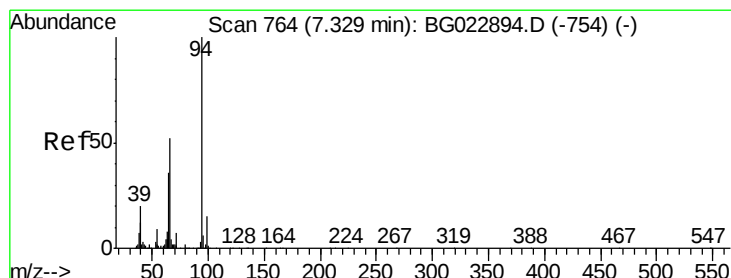
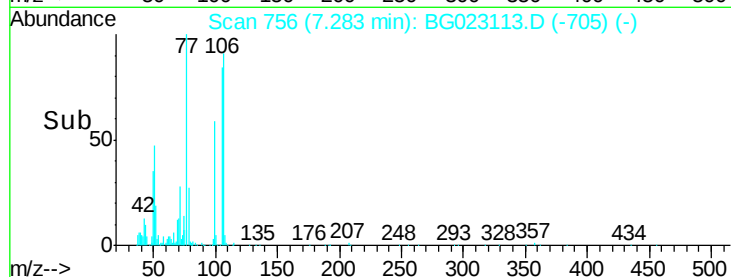
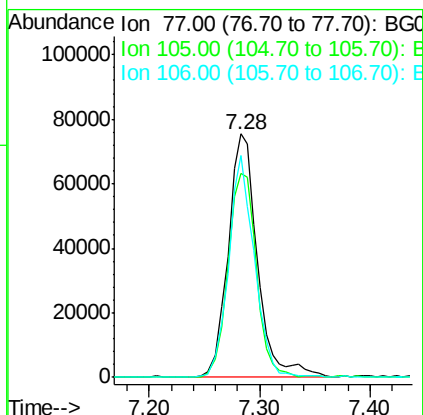
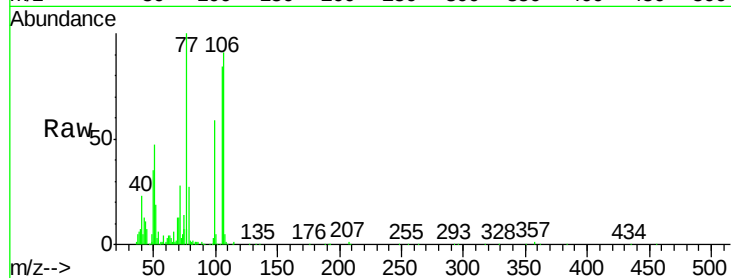
Tgt Ion: 77 Resp: 140459

Ion Ratio Lower Upper

77 100

105 84.0 58.7 98.7

106 90.9 67.5 107.5



#10

Phenol

Concen: 45.29 ng

RT: 7.34 min Scan# 765

Delta R.T. 0.01 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

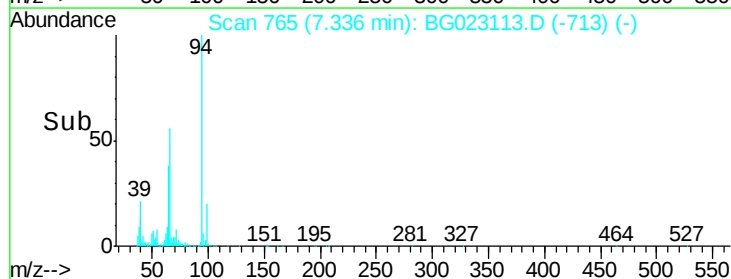
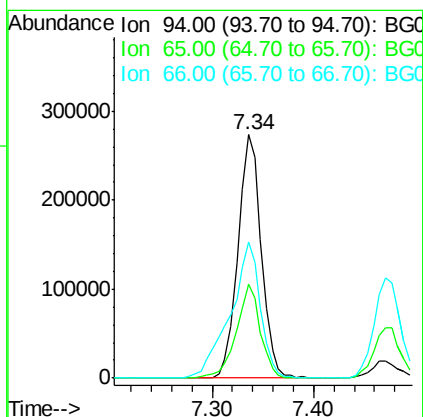
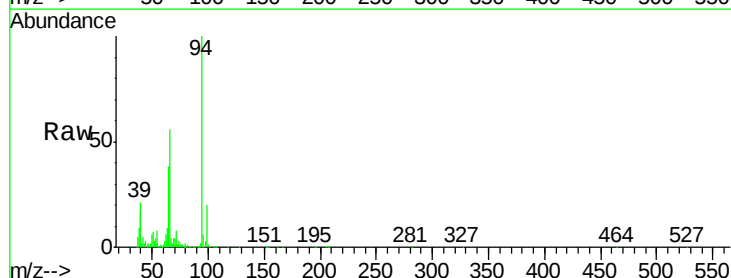
Tgt Ion: 94 Resp: 435367

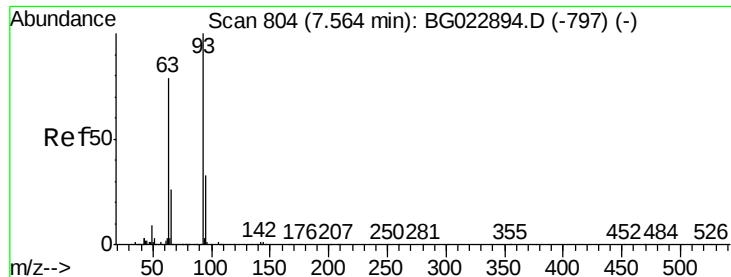
Ion Ratio Lower Upper

94 100

65 38.4 18.1 58.1

66 56.0 42.1 82.1

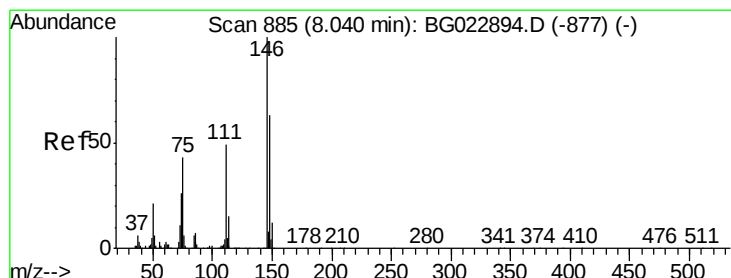
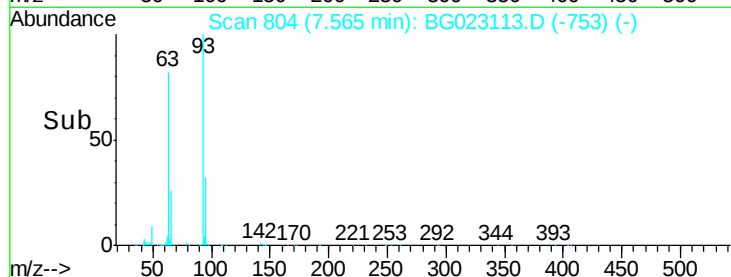
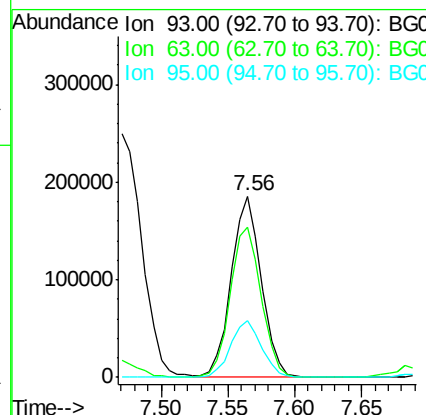
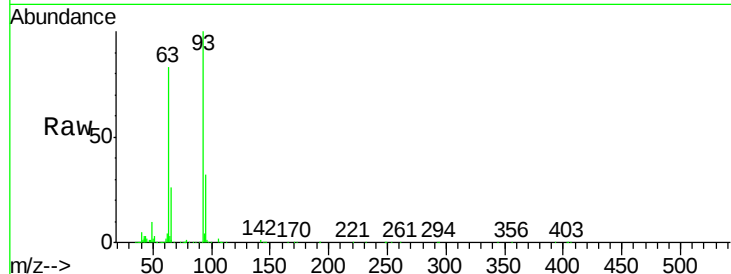




#11
bis(2-Chloroethyl)ether
Concen: 38.34 ng
RT: 7.56 min Scan# 804
Delta R.T. 0.00 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

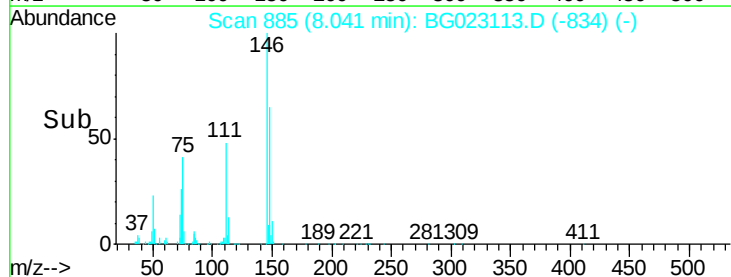
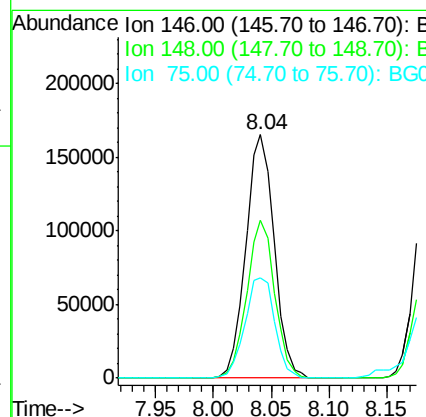
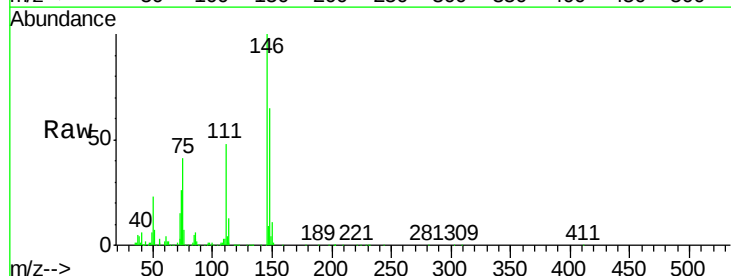
Instrument :
BNA_G
ClientSampleId :
PB92146BS

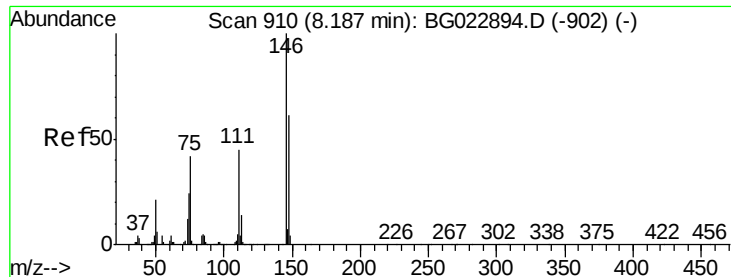
Tgt Ion	Ratio	Lower	Upper
93	100		
63	82.5	55.0	95.0
95	31.6	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 36.22 ng
RT: 8.04 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.3	75.5
75	41.3	37.0	55.6

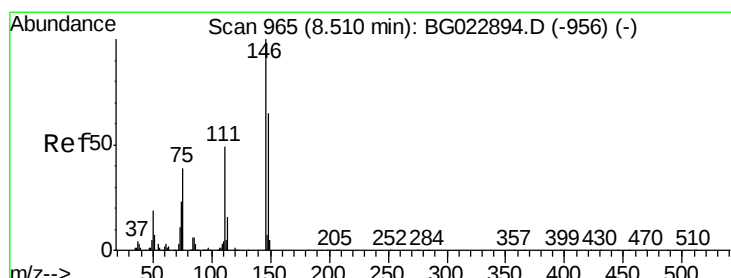
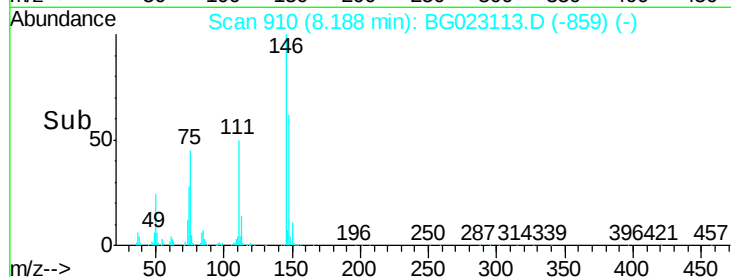
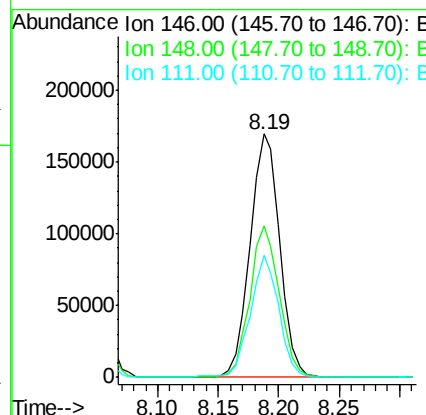
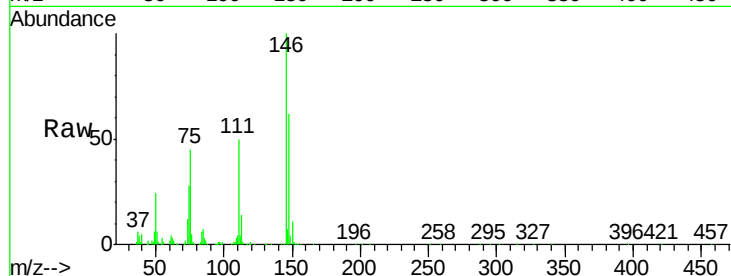




#13
 1,4-Dichlorobenzene
 Concen: 37.24 ng
 RT: 8.19 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BG023113.D
 Acq: 15 Jul 2016 14:45

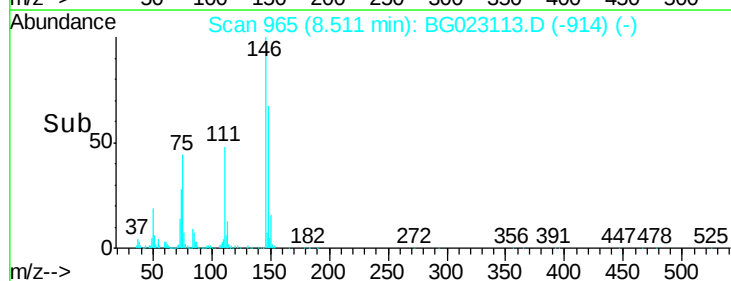
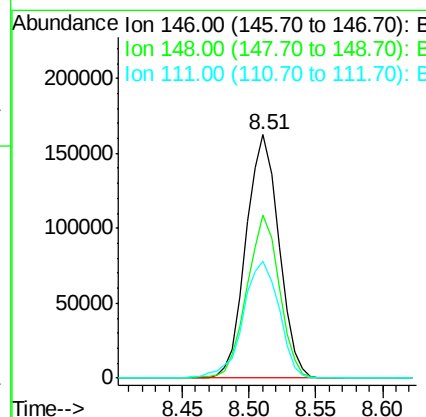
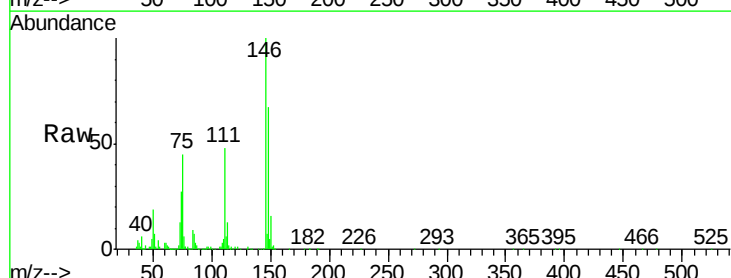
Instrument :
 BNA_G
 ClientSampleId :
 PB92146BS

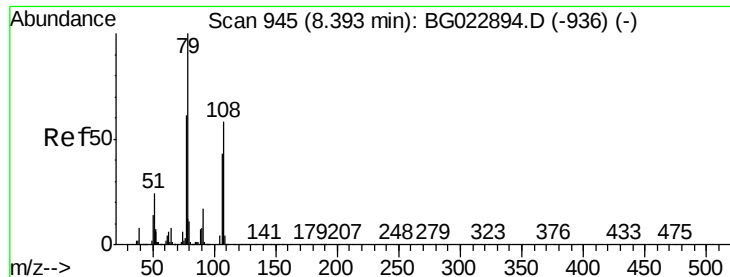
Tgt Ion:146 Resp: 289740
 Ion Ratio Lower Upper
 146 100
 148 62.3 54.5 81.7
 111 50.0 37.8 56.8



#14
 1,2-Dichlorobenzene
 Concen: 35.74 ng
 RT: 8.51 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BG023113.D
 Acq: 15 Jul 2016 14:45

Tgt Ion:146 Resp: 276452
 Ion Ratio Lower Upper
 146 100
 148 66.8 52.9 79.3
 111 47.8 43.5 65.3





#15

Benzyl Alcohol

Concen: 45.18 ng

RT: 8.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Instrument :

BNA_G

ClientSampleId :

PB92146BS

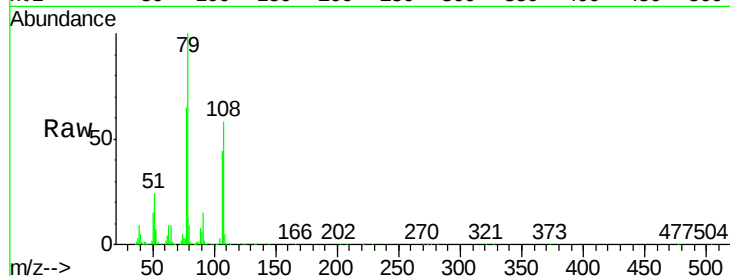
Tgt Ion: 79 Resp: 386624

Ion Ratio Lower Upper

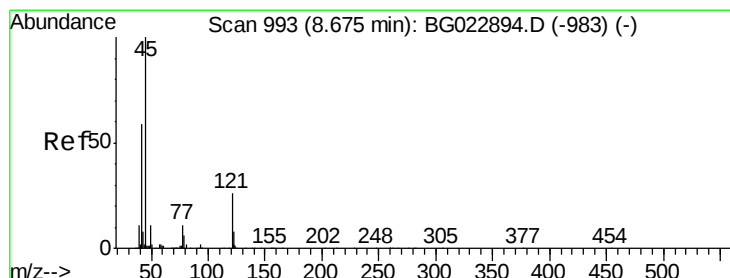
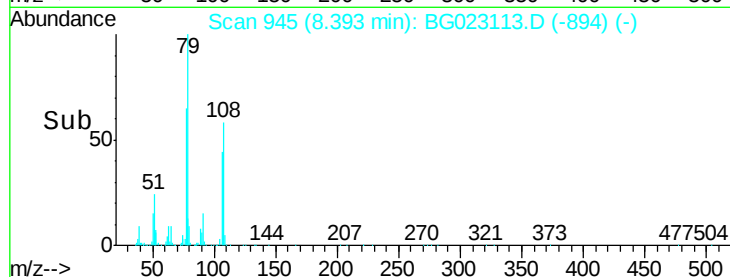
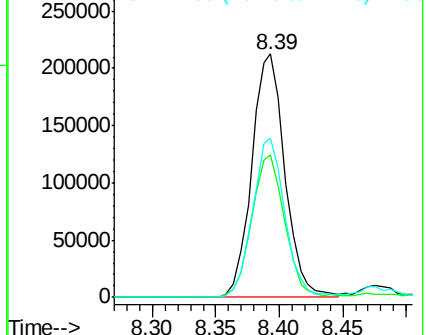
79 100

108 58.3 46.5 69.7

77 65.3 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.87 ng

RT: 8.68 min Scan# 994

Delta R.T. 0.01 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

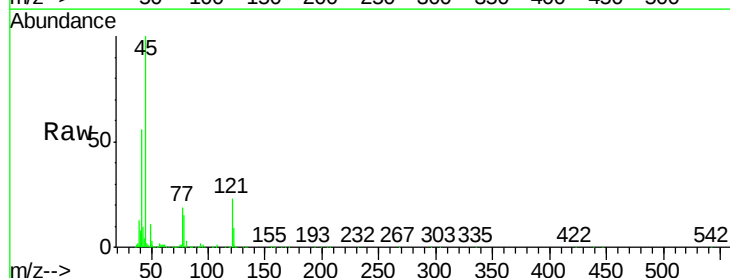
Tgt Ion: 45 Resp: 371050

Ion Ratio Lower Upper

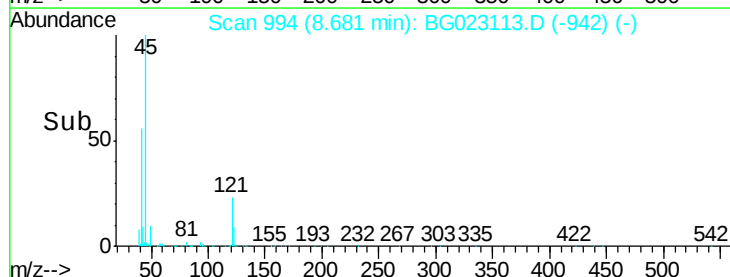
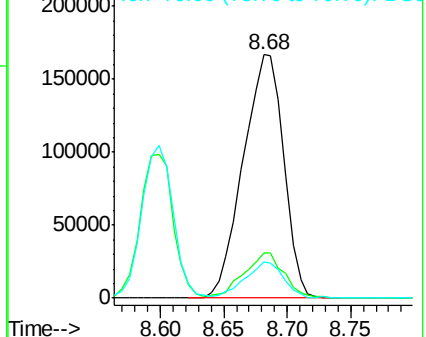
45 100

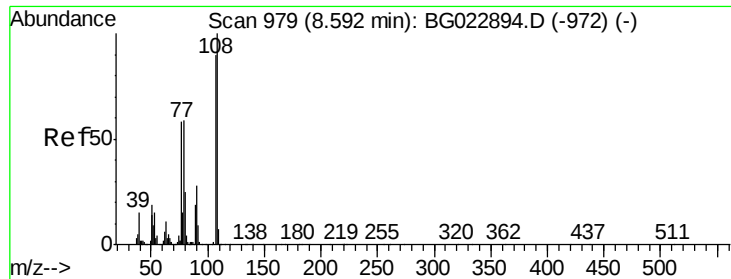
77 18.7 0.6 40.6

79 14.8 0.0 36.2



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

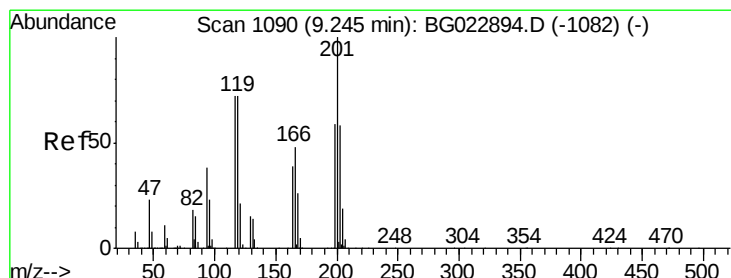
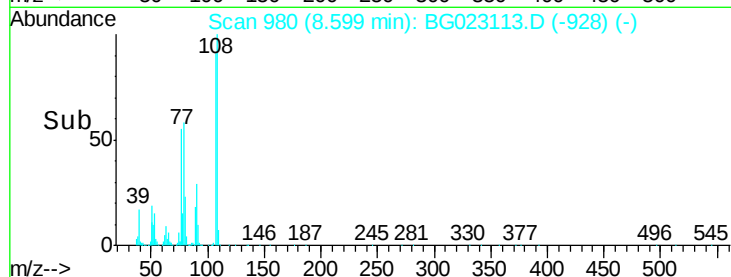
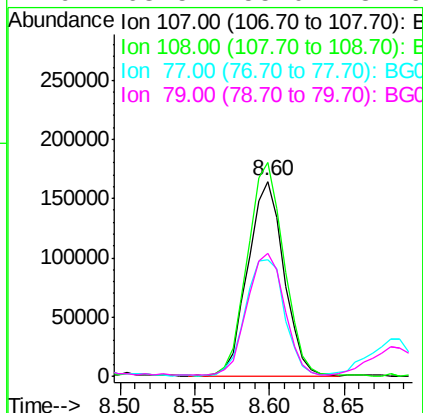
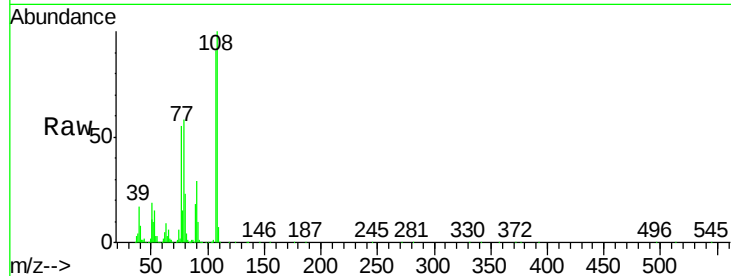




#17
2-Methylphenol
Concen: 43.60 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.01 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

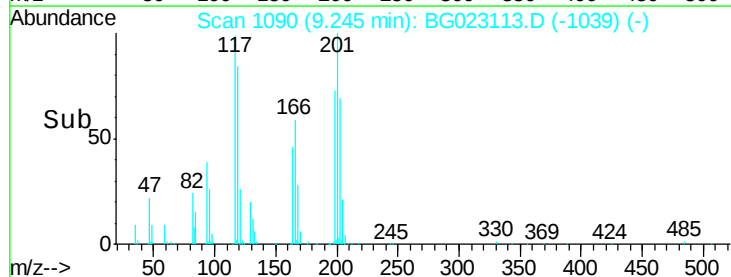
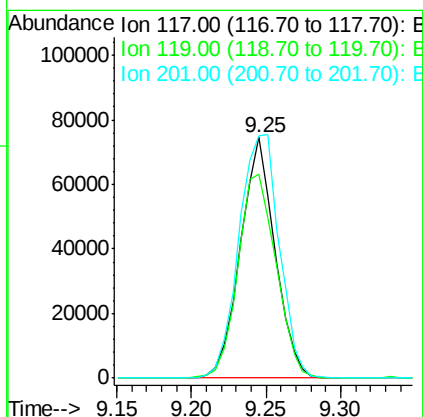
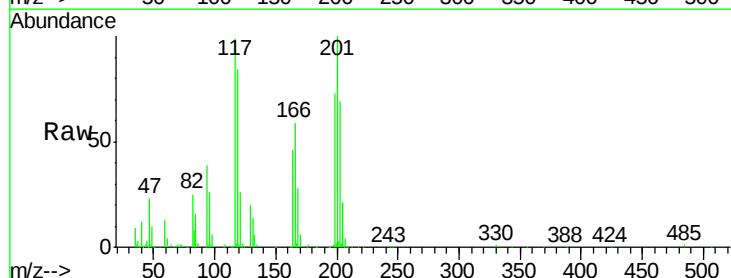
Instrument :
BNA_G
ClientSampleId :
PB92146BS

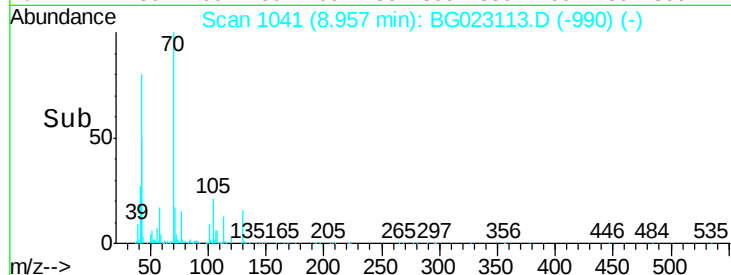
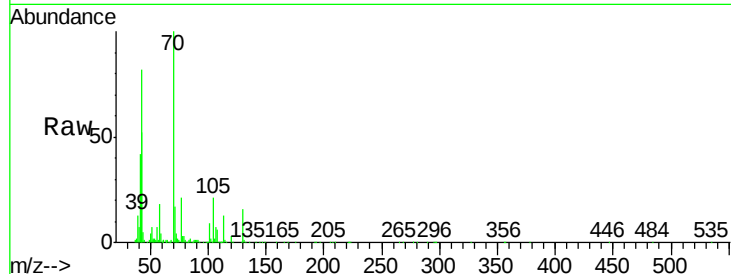
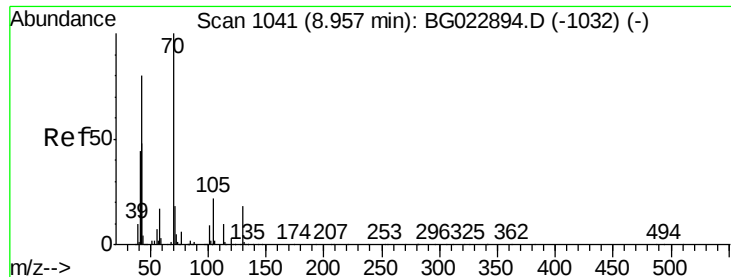
Tgt Ion:	107	Resp:	272819
Ion	Ratio	Lower	Upper
107	100		
108	109.7	92.0	138.0
77	60.1	55.8	83.6
79	63.5	55.0	82.6



#18
Hexachloroethane
Concen: 36.36 ng
RT: 9.25 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

Tgt Ion:	117	Resp:	119390
Ion	Ratio	Lower	Upper
117	100		
119	84.5	73.7	110.5
201	100.6	88.7	133.1

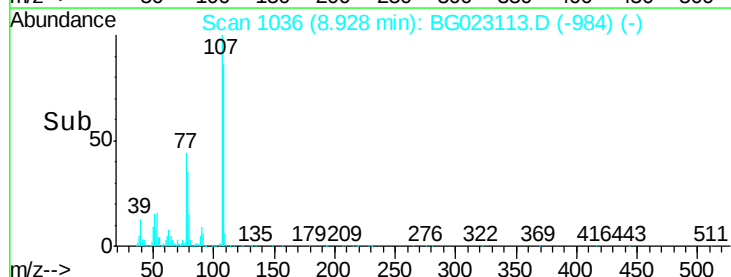
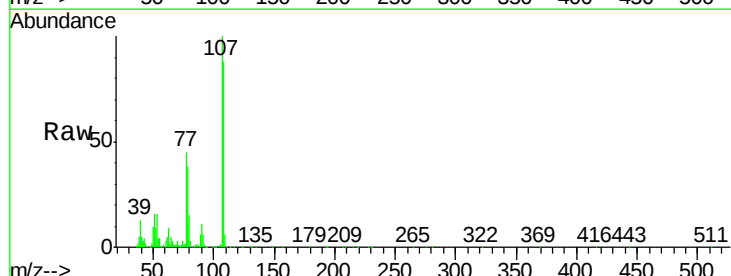
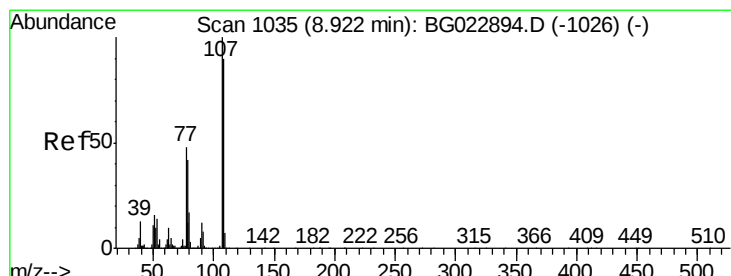
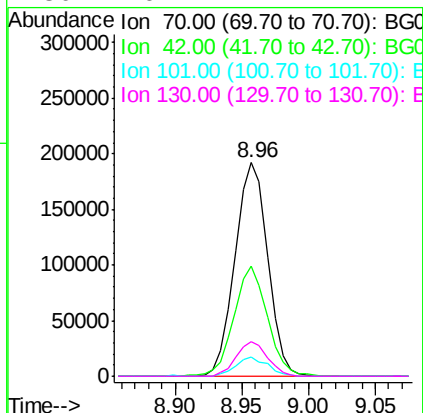




#19
n-Nitroso-di-n-propylamine
Concen: 38.78 ng
RT: 8.96 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

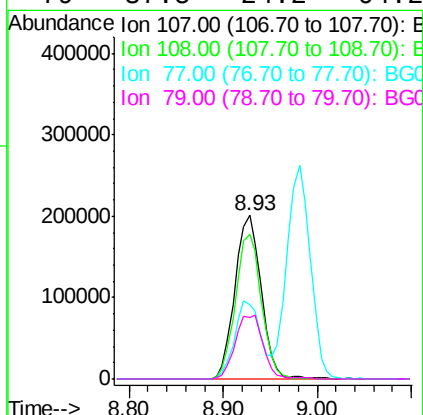
Instrument :
BNA_G
ClientSampleId :
PB92146BS

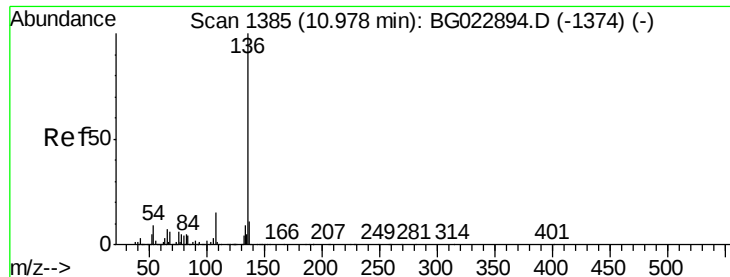
Tgt Ion:	70	Resp:	326662
Ion	Ratio	Lower	Upper
70	100		
42	51.6	42.1	63.1
101	9.2	7.2	10.8
130	16.1	14.2	21.2



#20
3+4-Methylphenols
Concen: 44.95 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

Tgt Ion:	107	Resp:	392279
Ion	Ratio	Lower	Upper
107	100		
108	88.1	72.5	112.5
77	45.5	30.1	70.1
79	37.5	24.2	64.2

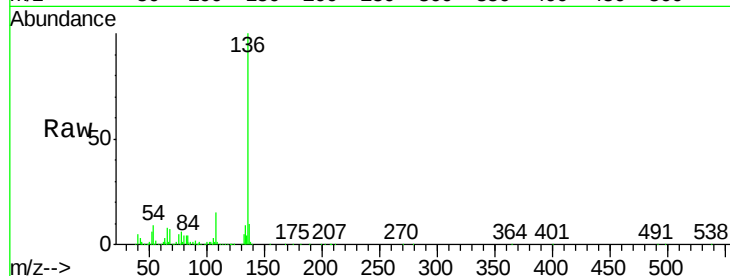




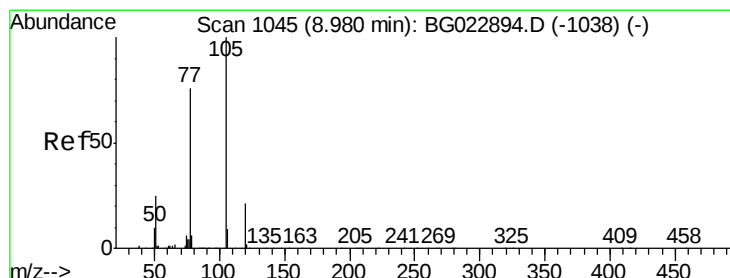
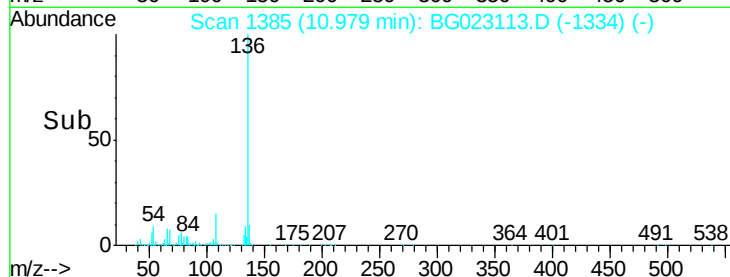
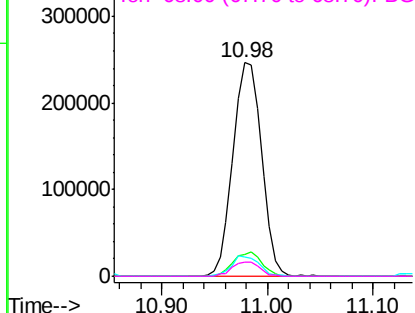
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

Instrument :
BNA_G
ClientSampleId :
PB92146BS

Tgt Ion:	136	Resp:	462496
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.6	14.4
54	8.8	7.3	10.9
68	6.8	5.3	7.9

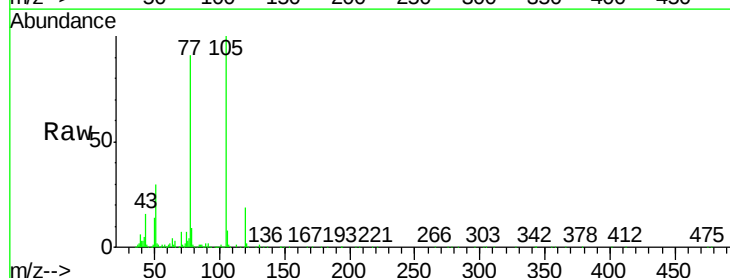


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

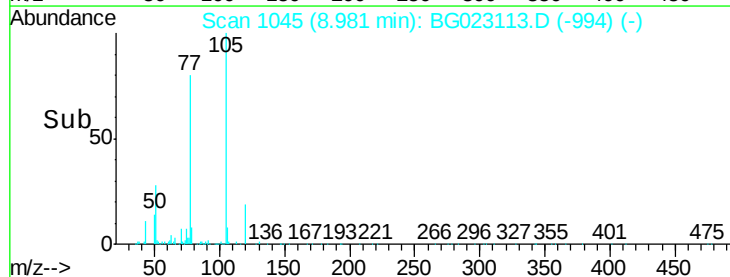
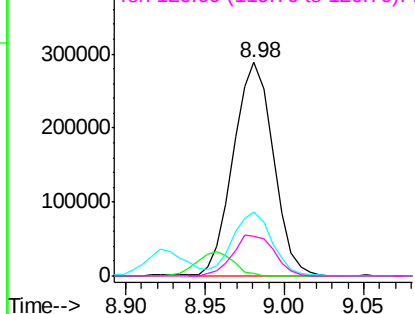


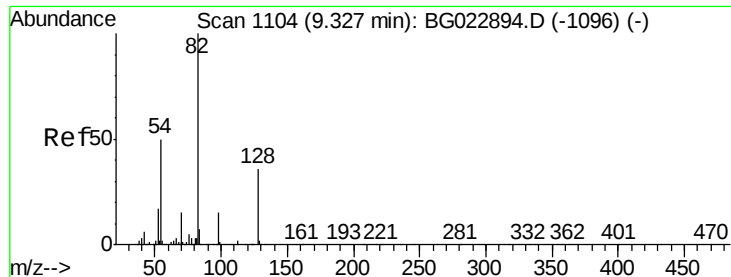
#22
Acetophenone
Concen: 36.39 ng
RT: 8.98 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

Tgt Ion:	105	Resp:	505143
Ion	Ratio	Lower	Upper
105	100		
71	1.2	2.6	3.8#
51	29.7	27.1	40.7
120	18.6	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

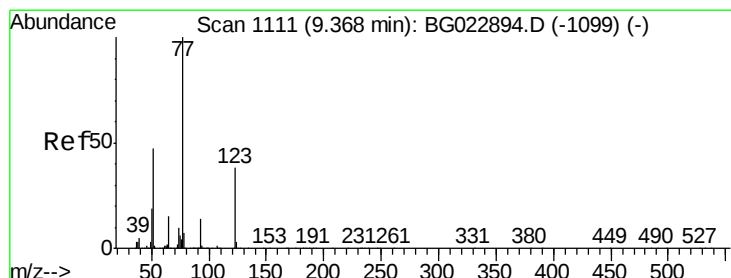
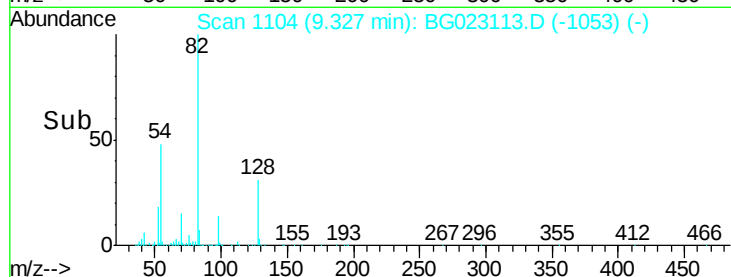
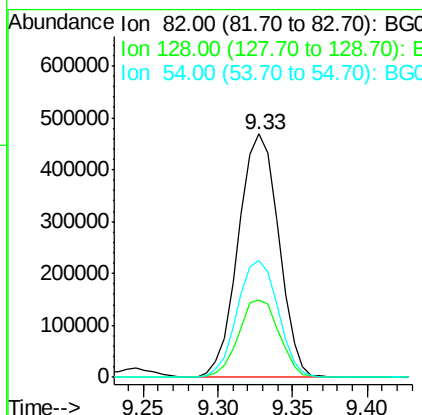
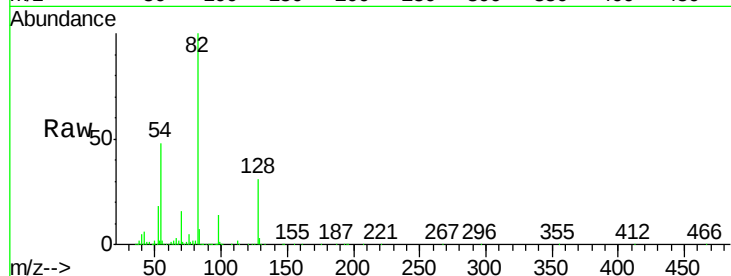




#23
 Nitrobenzene-d5
 Concen: 81.45 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BG023113.D
 Acq: 15 Jul 2016 14:45

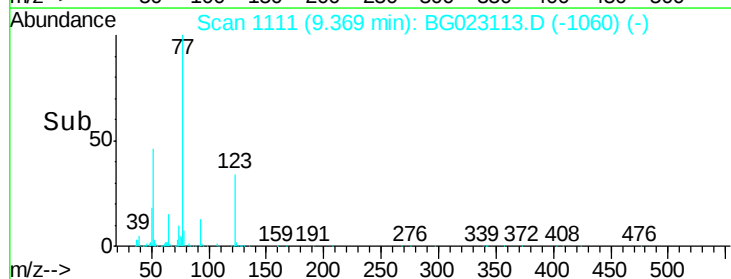
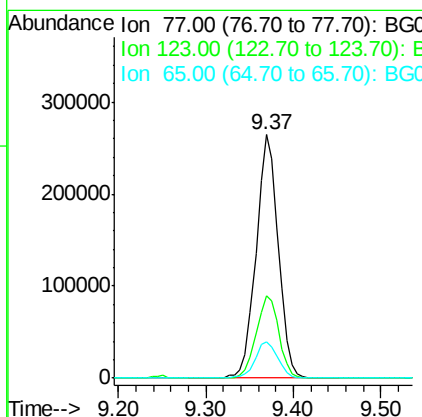
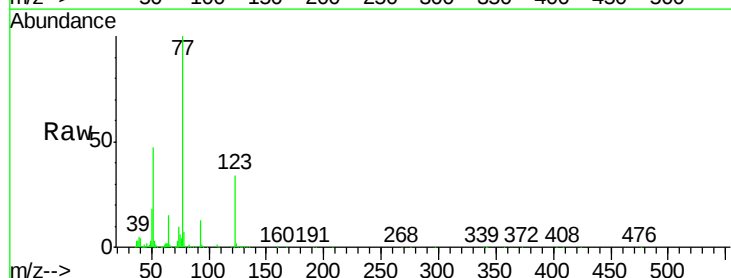
Instrument :
 BNA_G
 ClientSampleId :
 PB92146BS

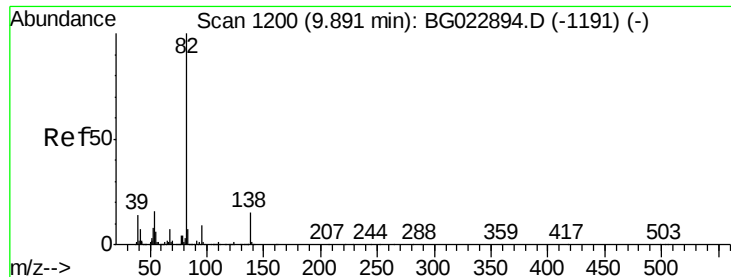
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.5	24.4	36.6
54	48.0	41.4	62.0



#24
 Nitrobenzene
 Concen: 39.86 ng
 RT: 9.37 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: BG023113.D
 Acq: 15 Jul 2016 14:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.0	25.0	37.6
65	15.0	13.4	20.0





#25

Isophorone

Concen: 38.70 ng

RT: 9.89 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Instrument :

BNA_G

ClientSampleId :

PB92146BS

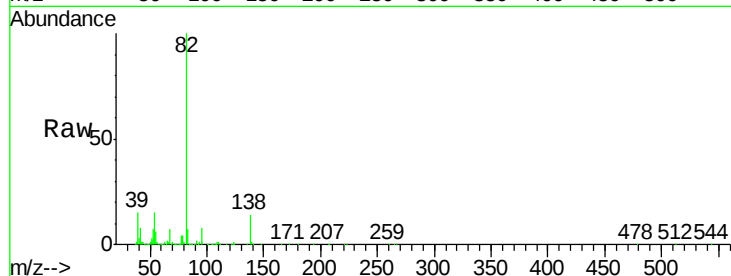
Tgt Ion: 82 Resp: 840732

Ion Ratio Lower Upper

82 100

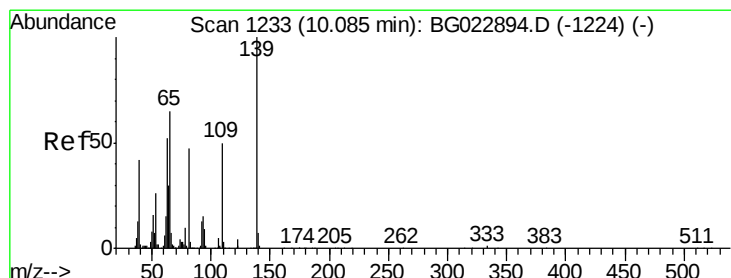
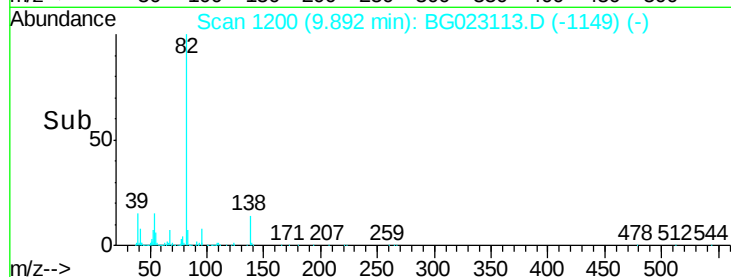
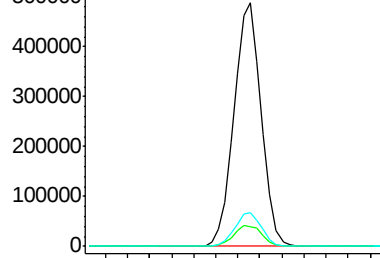
95 8.2 8.2 12.2

138 14.1 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

9.89



#26

2-Nitrophenol

Concen: 38.65 ng

RT: 10.09 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

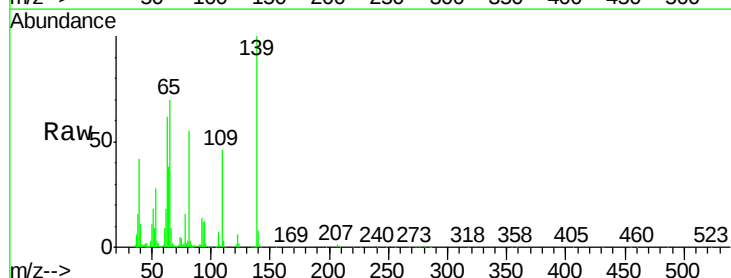
Tgt Ion: 139 Resp: 174077

Ion Ratio Lower Upper

139 100

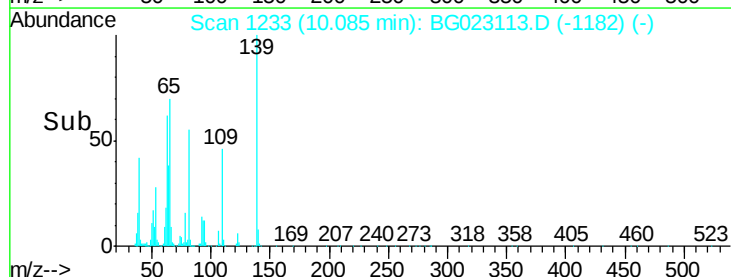
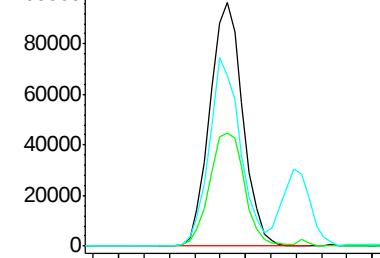
109 46.3 43.5 65.3

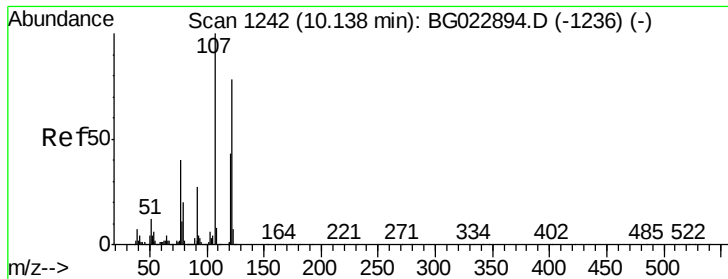
65 70.2 64.3 96.5



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

10.09





#27

2,4-Dimethylphenol

Concen: 39.20 ng

RT: 10.14 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

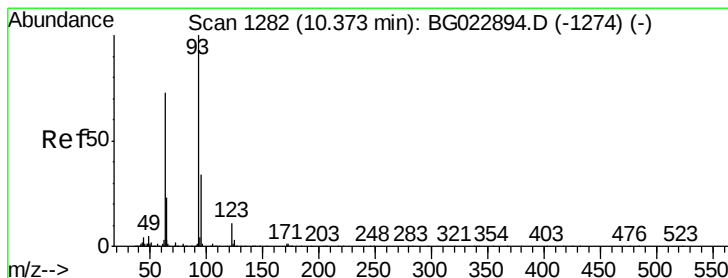
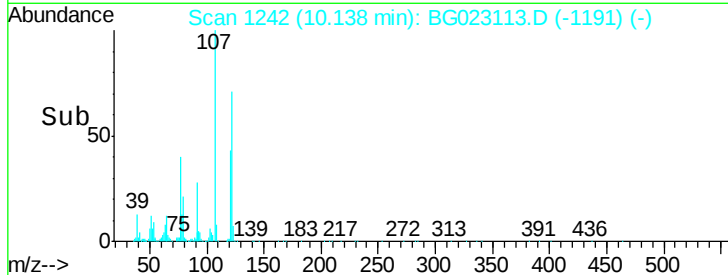
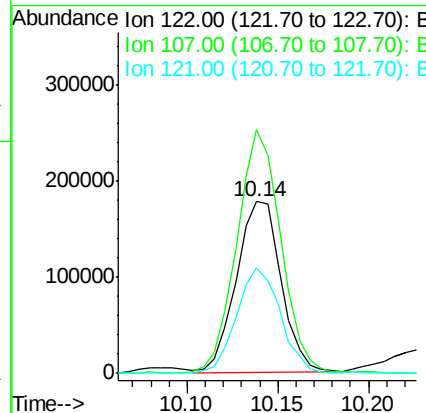
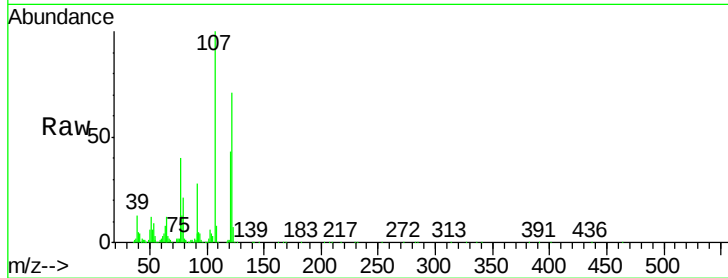
Instrument :

BNA_G

ClientSampleId :

PB92146BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	141.7	117.0	175.4
121	61.6	50.1	75.1



#28

bis(2-Chloroethoxy)methane

Concen: 38.41 ng

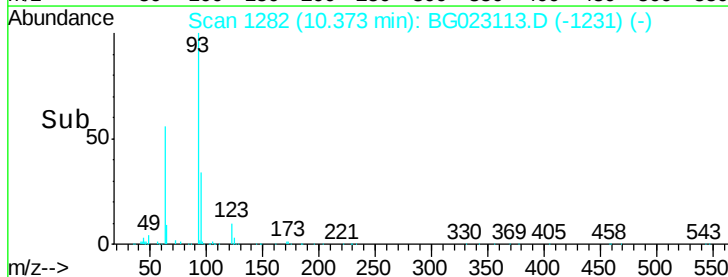
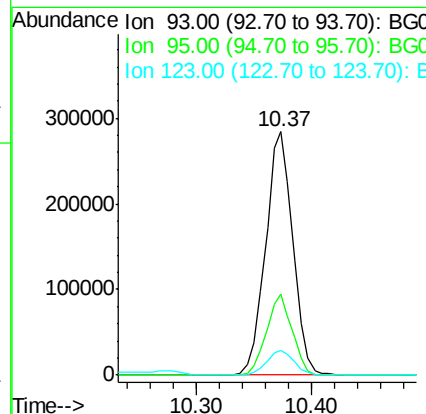
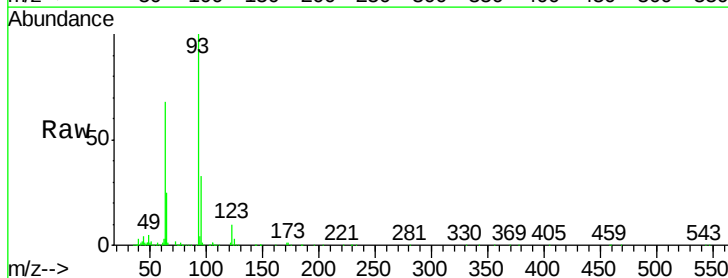
RT: 10.37 min Scan# 1282

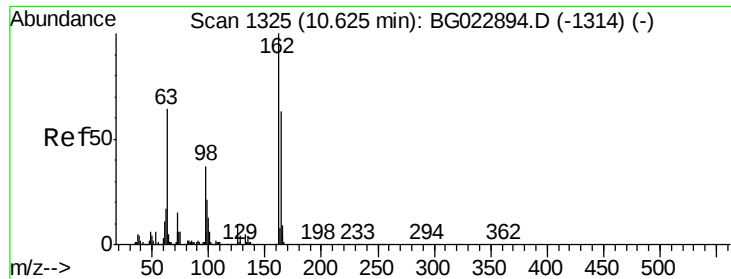
Delta R.T. 0.00 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.4	38.2
123	10.2	8.2	12.2

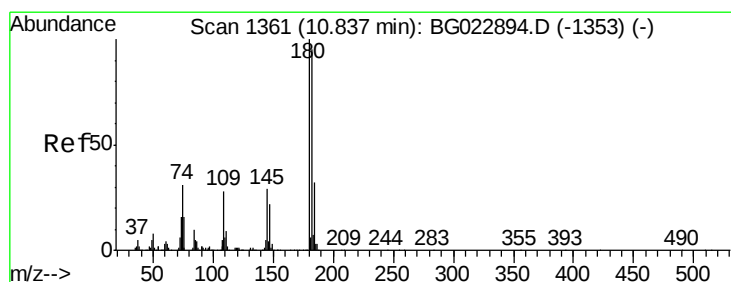
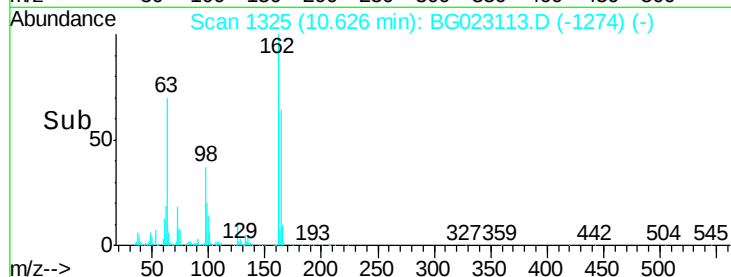
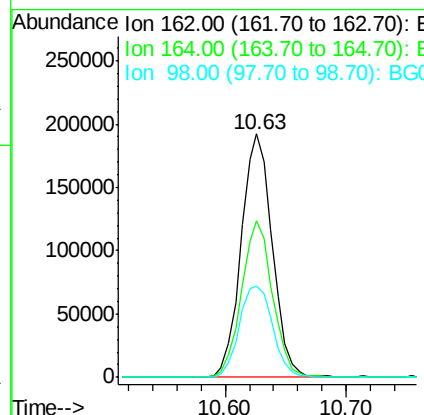
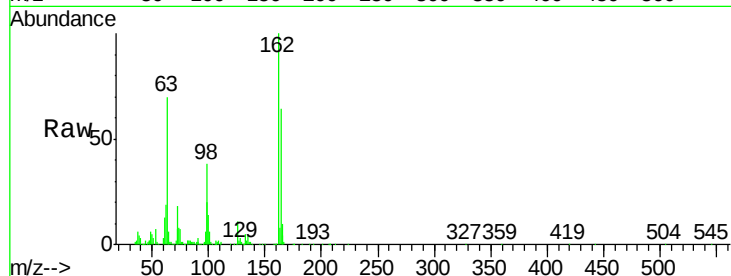




#29
2,4-Dichlorophenol
Concen: 41.62 ng
RT: 10.63 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

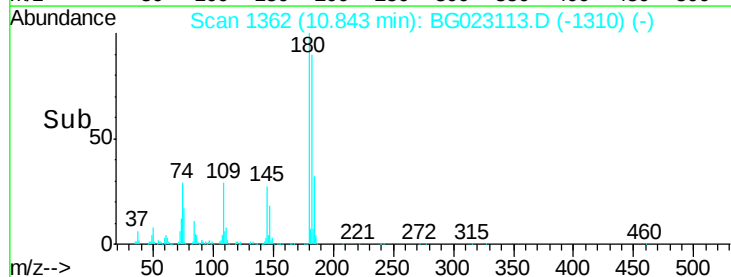
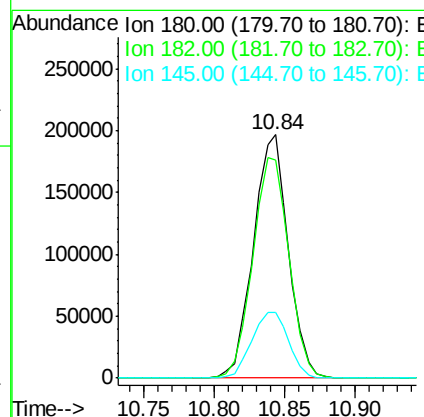
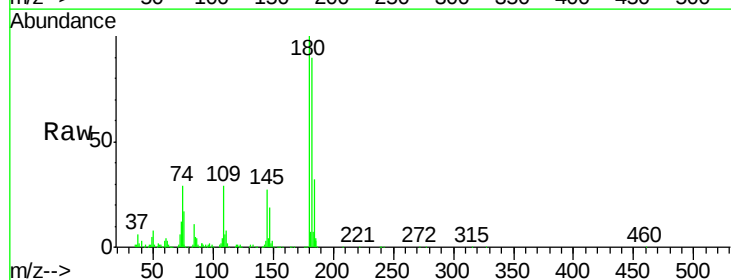
Instrument :
BNA_G
ClientSampleId :
PB92146BS

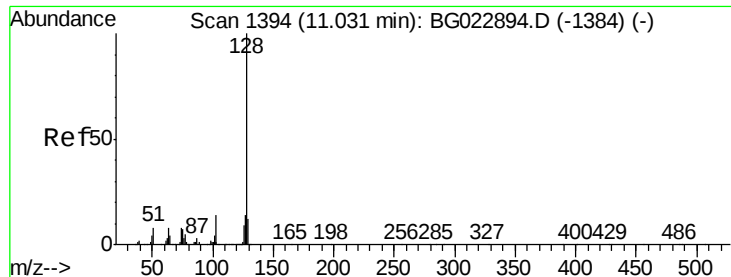
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.3	84.3
98	37.7	19.5	59.5



#30
1,2,4-Trichlorobenzene
Concen: 35.85 ng
RT: 10.84 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.6	73.8	110.8
145	27.1	24.4	36.6

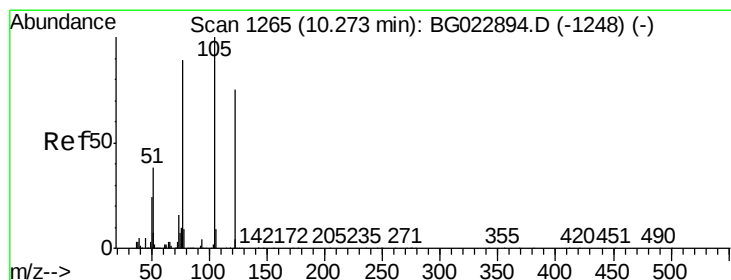
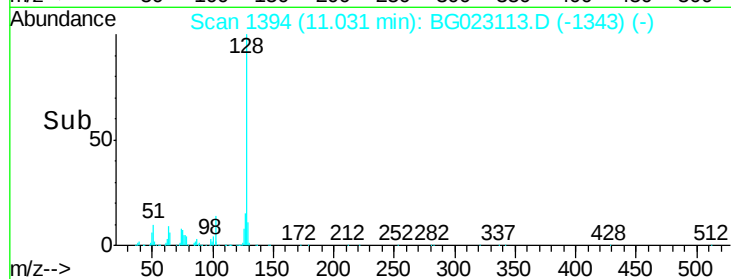
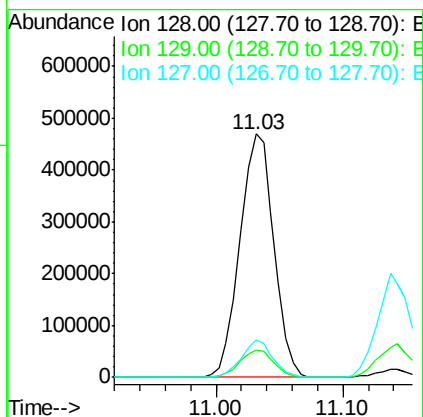
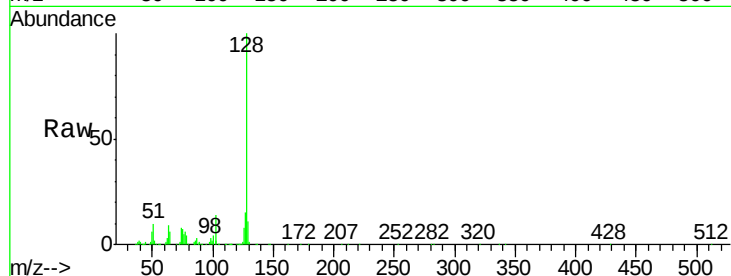




#31
Naphthalene
Concen: 36.99 ng
RT: 11.03 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

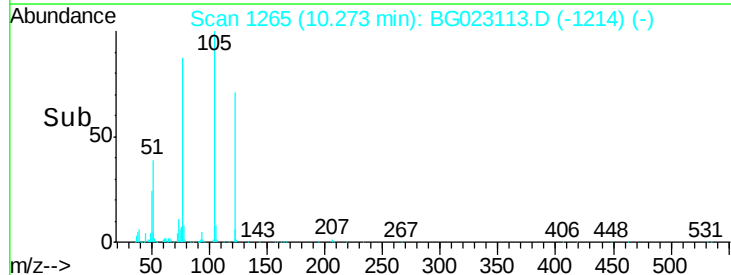
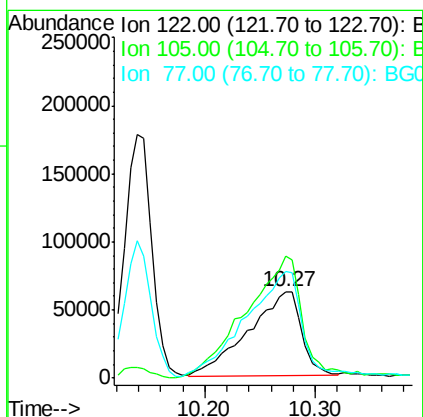
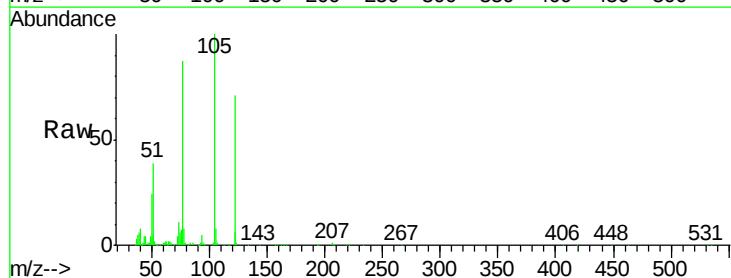
Instrument :
BNA_G
ClientSampleId :
PB92146BS

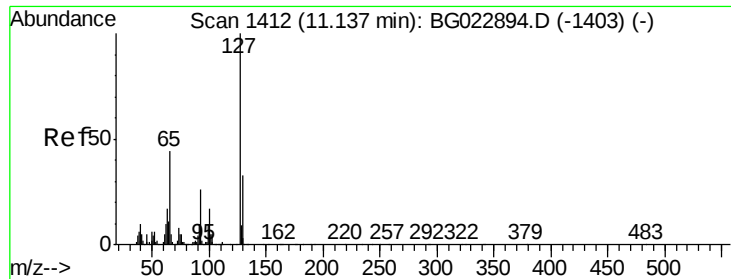
Tgt Ion:128 Resp: 870816
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 15.4 11.3 16.9



#32
Benzoic acid
Concen: 28.93 ng
RT: 10.27 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

Tgt Ion:122 Resp: 204885
Ion Ratio Lower Upper
122 100
105 141.1 117.2 157.2
77 123.4 109.2 149.2

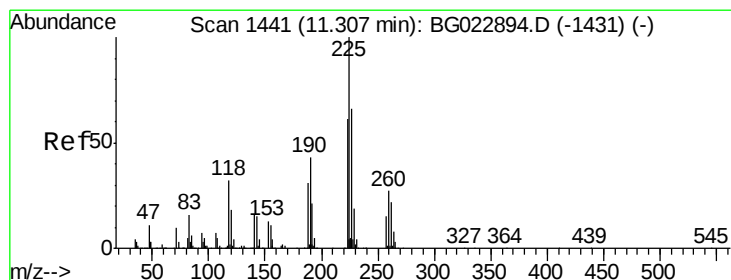
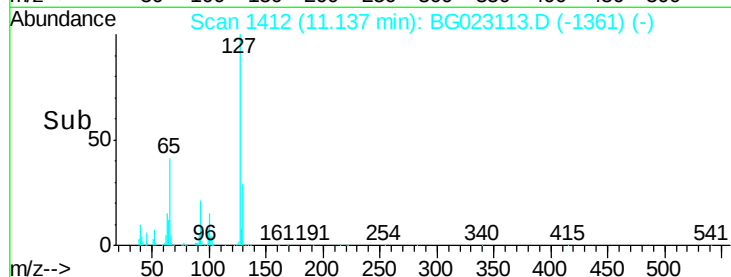
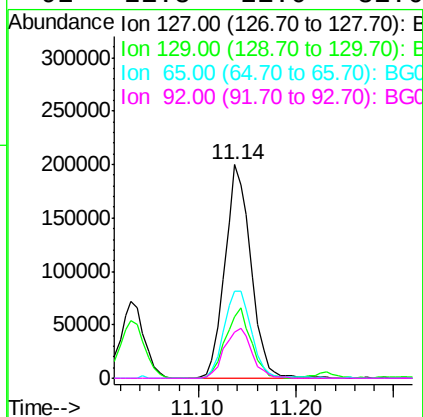
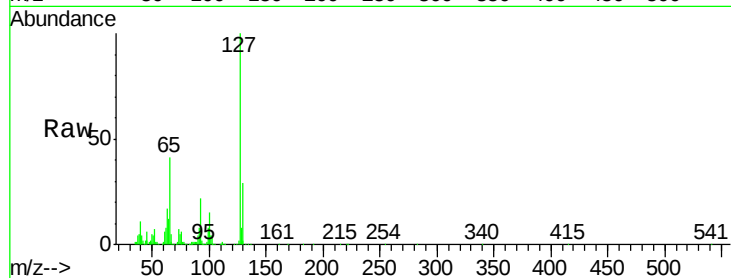




#33
4-Chloroaniline
Concen: 31.92 ng
RT: 11.14 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

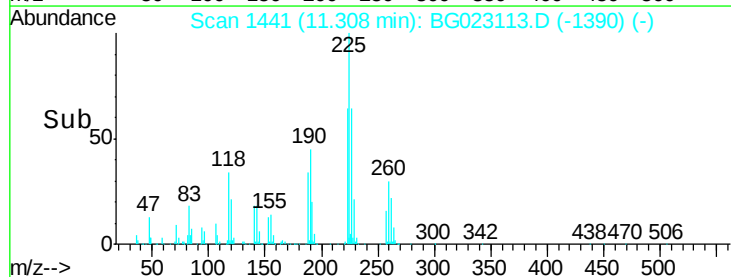
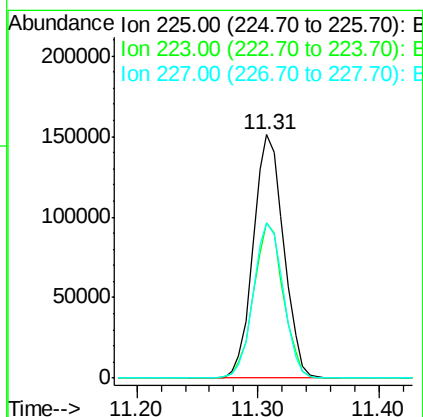
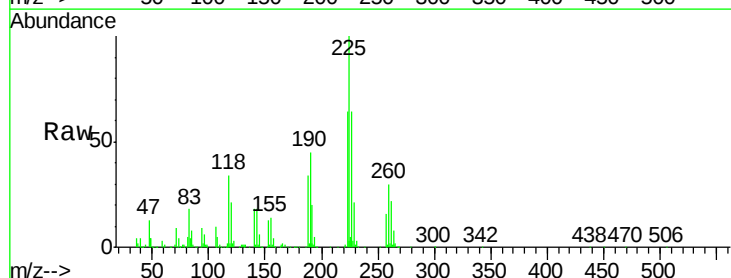
Instrument :
BNA_G
ClientSampleId :
PB92146BS

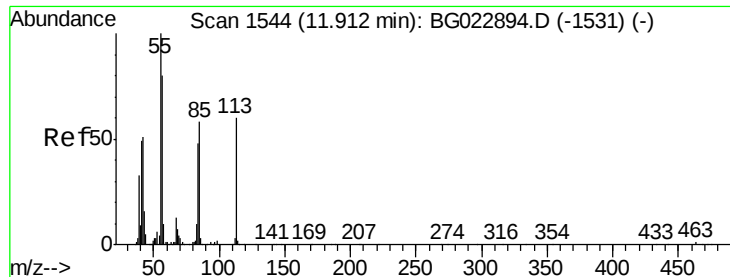
Tgt Ion:	127	Resp:	367478
Ion	Ratio	Lower	Upper
127	100		
129	28.8	27.9	41.9
65	41.1	36.8	55.2
92	21.8	21.0	31.6



#34
Hexachlorobutadiene
Concen: 34.14 ng
RT: 11.31 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

Tgt Ion:	225	Resp:	263287
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.6	74.4
227	66.5	54.5	81.7





#35

Caprolactam

Concen: 35.08 ng

RT: 11.92 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Instrument :

BNA_G

ClientSampleId :

PB92146BS

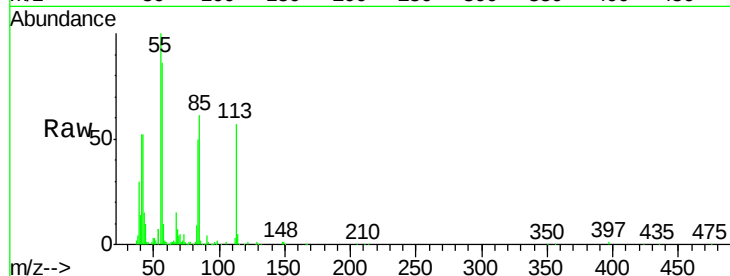
Tgt Ion:113 Resp: 119837

Ion Ratio Lower Upper

113 100

55 175.1 154.5 194.5

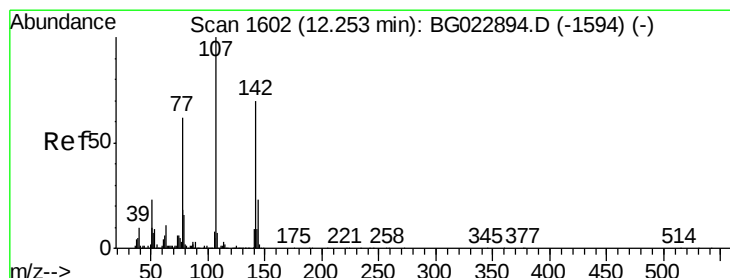
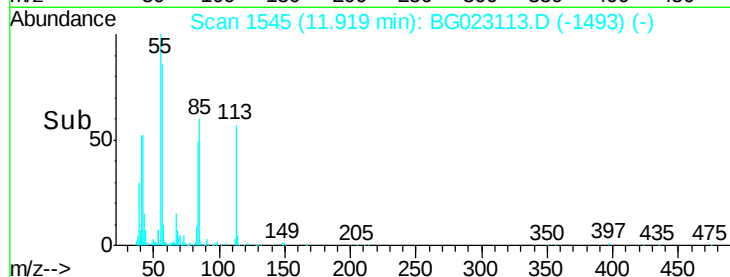
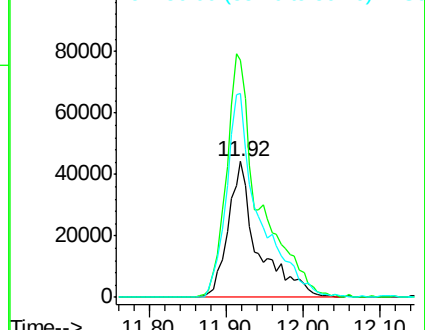
56 150.4 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 38.02 ng

RT: 12.26 min Scan# 1603

Delta R.T. 0.01 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

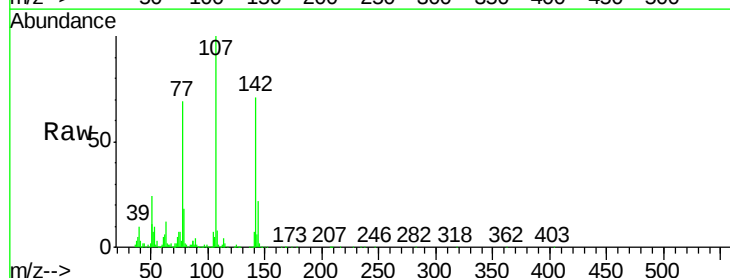
Tgt Ion:107 Resp: 431768

Ion Ratio Lower Upper

107 100

144 22.2 17.0 25.6

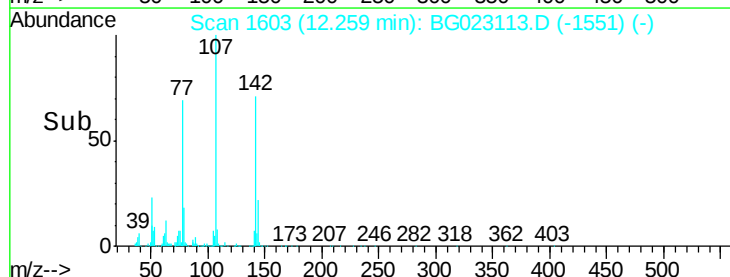
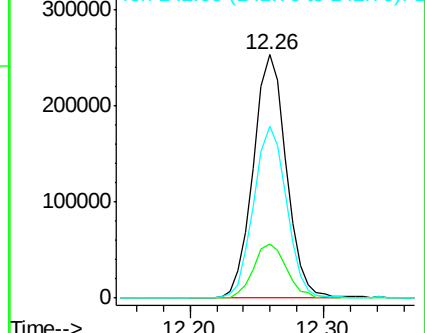
142 70.5 53.0 79.6

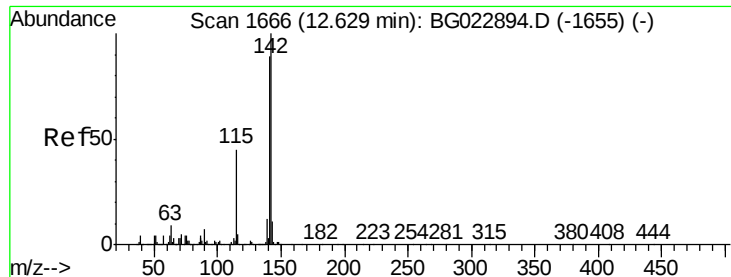


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

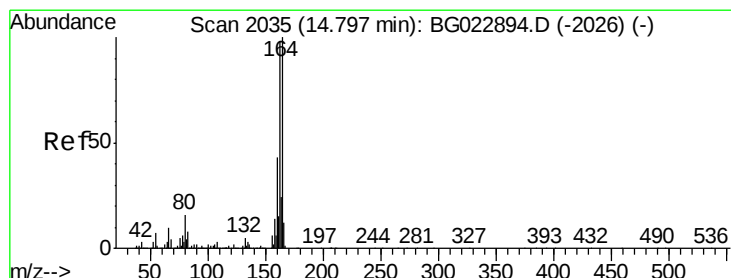
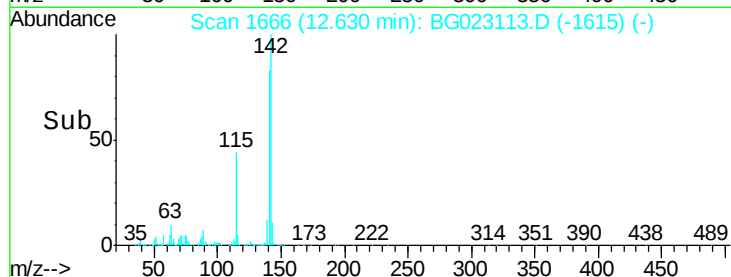
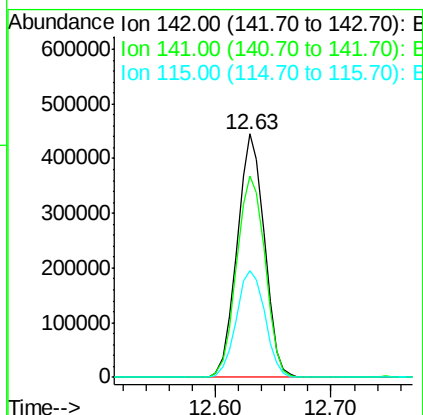
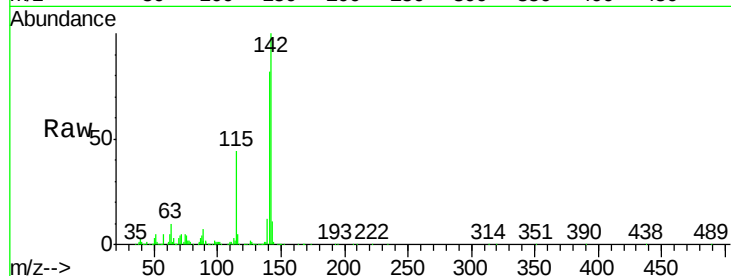




#37
 2-Methylnaphthalene
 Concen: 39.18 ng
 RT: 12.63 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BG023113.D
 Acq: 15 Jul 2016 14:45

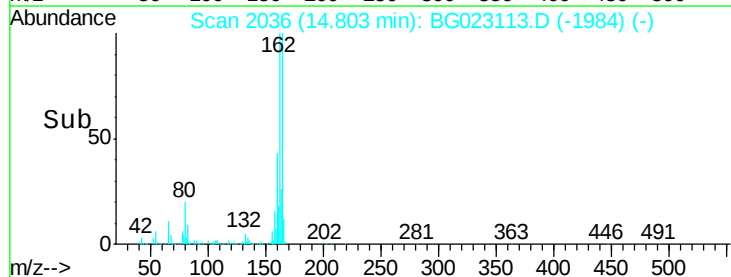
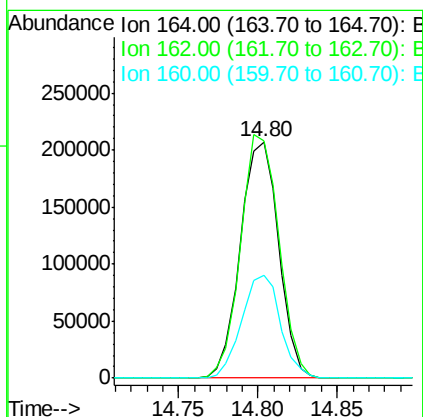
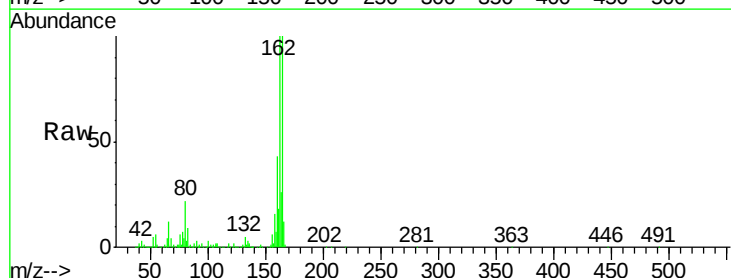
Instrument :
 BNA_G
 ClientSampleId :
 PB92146BS

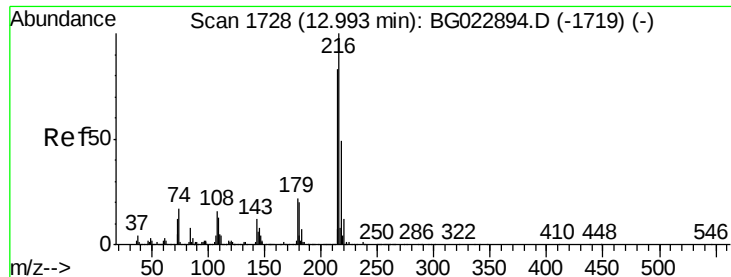
Tgt Ion:142 Resp: 729124
 Ion Ratio Lower Upper
 142 100
 141 82.5 70.2 105.2
 115 44.0 41.7 62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BG023113.D
 Acq: 15 Jul 2016 14:45

Tgt Ion:164 Resp: 348265
 Ion Ratio Lower Upper
 164 100
 162 100.4 87.7 131.5
 160 43.5 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.03 ng

RT: 12.99 min Scan# 1728

Delta R.T. 0.00 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Instrument :

BNA_G

ClientSampleId :

PB92146BS

Tgt Ion:216 Resp: 465671

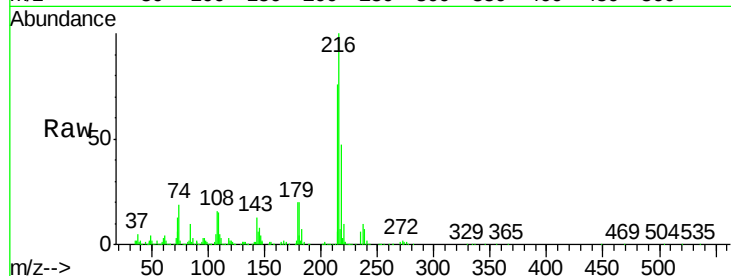
Ion Ratio Lower Upper

216 100

214 78.4 62.9 94.3

179 21.0 17.2 25.8

108 20.1 16.3 24.5

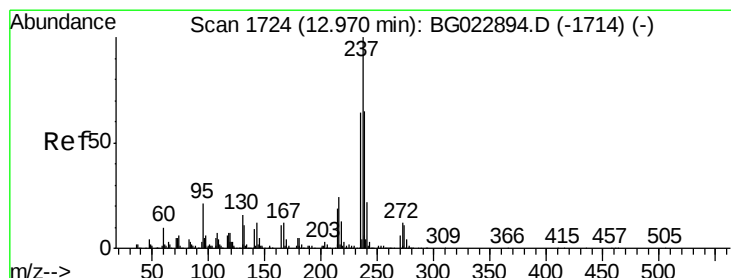
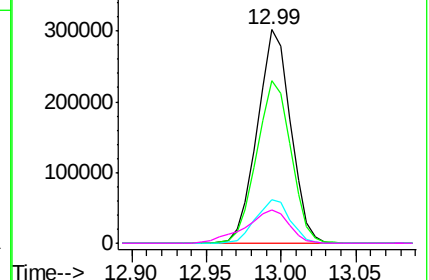
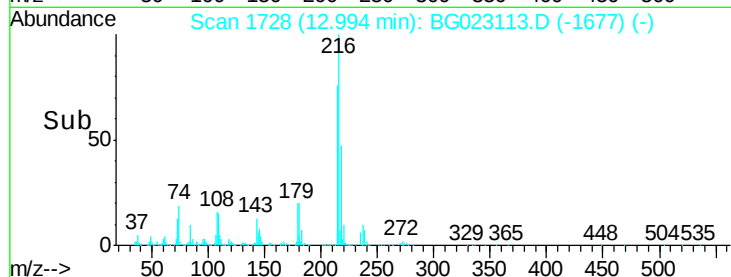


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.54 ng

RT: 12.97 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

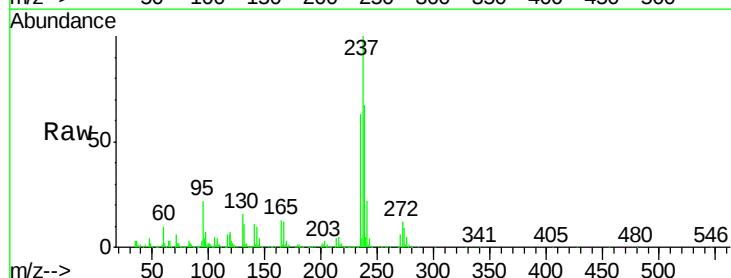
Tgt Ion:237 Resp: 618127

Ion Ratio Lower Upper

237 100

235 62.9 43.1 83.1

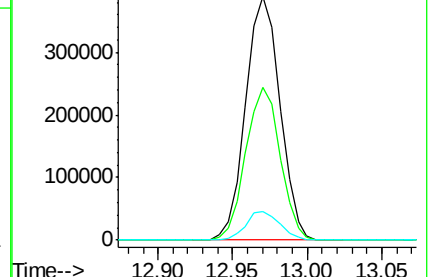
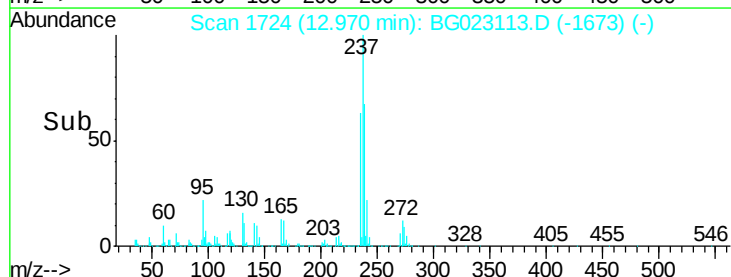
272 12.0 0.0 30.9

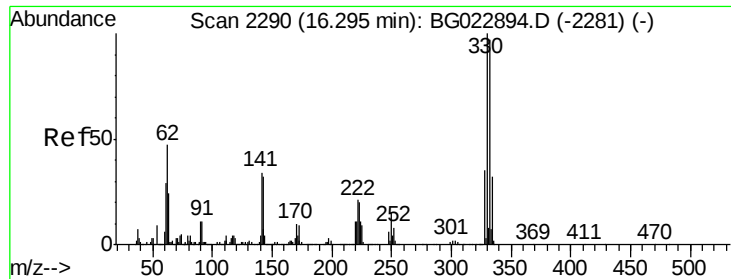


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

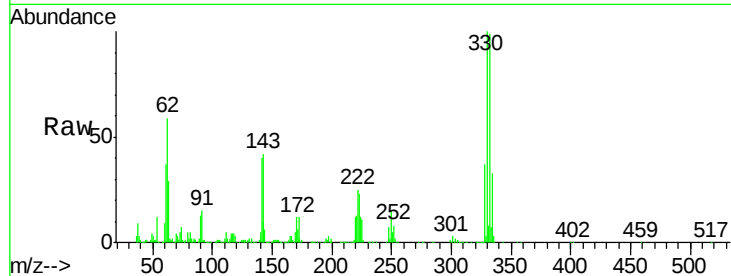




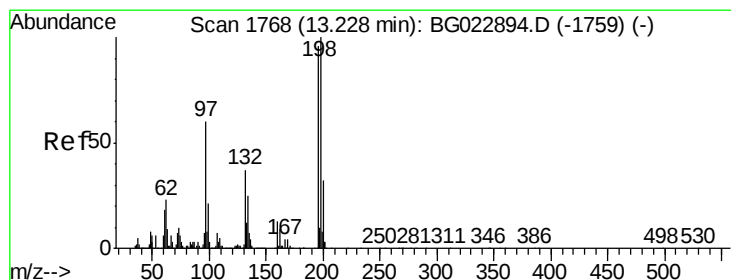
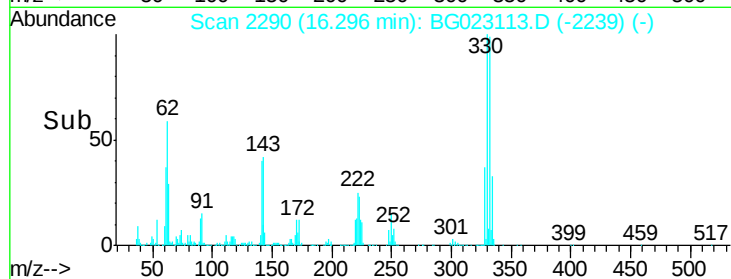
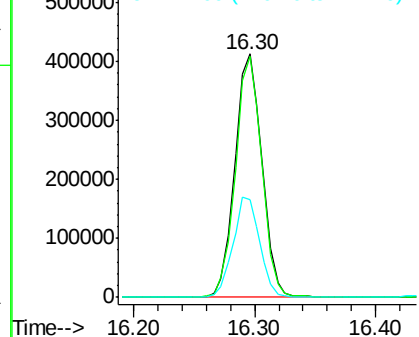
#41
 2,4,6-Tribromophenol
 Concen: 103.05 ng
 RT: 16.30 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BG023113.D
 Acq: 15 Jul 2016 14:45

Instrument :
 BNA_G
 ClientSampleId :
 PB92146BS

Tgt Ion:330 Resp: 645005
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.4 116.2
 141 40.6 31.7 47.5

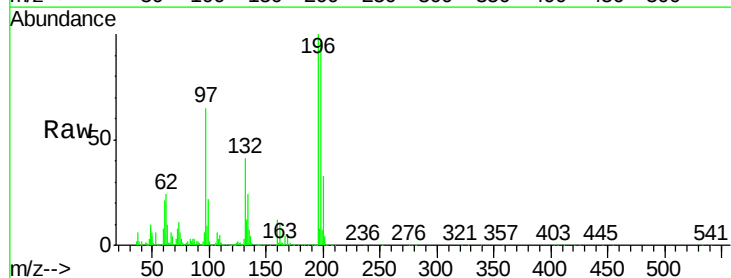


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

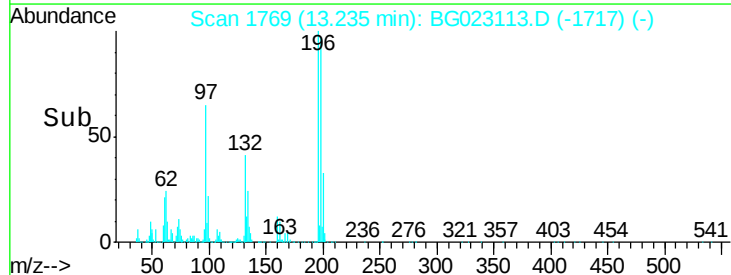
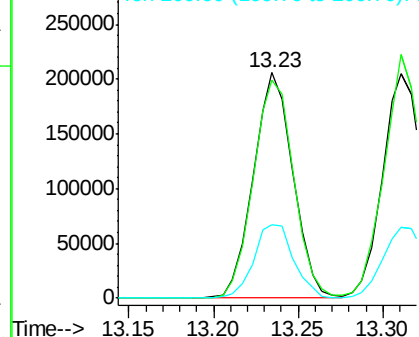


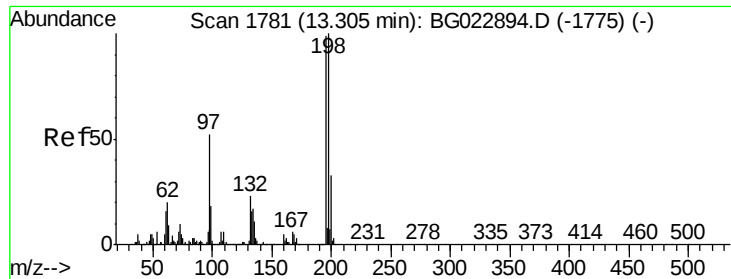
#42
 2,4,6-Trichlorophenol
 Concen: 38.58 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.01 min
 Lab File: BG023113.D
 Acq: 15 Jul 2016 14:45

Tgt Ion:196 Resp: 332762
 Ion Ratio Lower Upper
 196 100
 198 96.7 78.2 117.2
 200 32.7 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

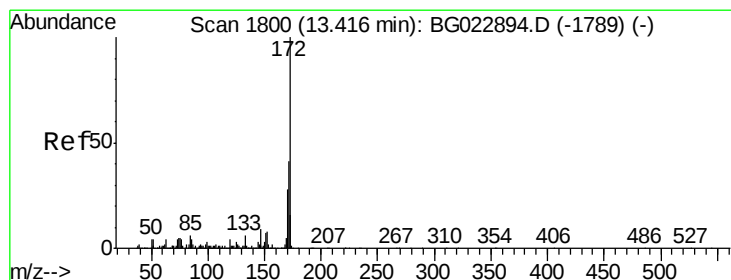
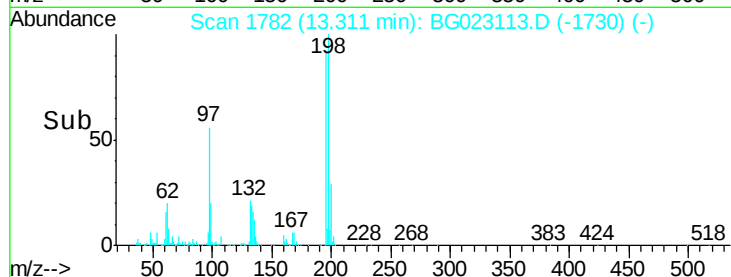
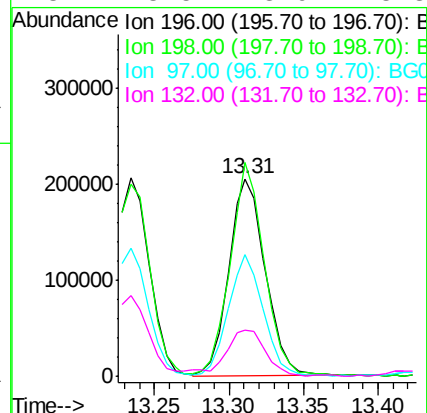
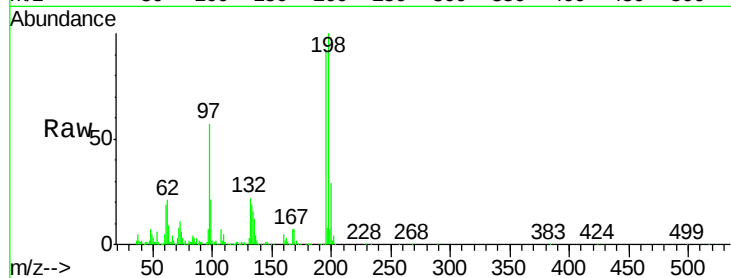




#43
 2,4,5-Trichlorophenol
 Concen: 39.37 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. 0.01 min
 Lab File: BG023113.D
 Acq: 15 Jul 2016 14:45

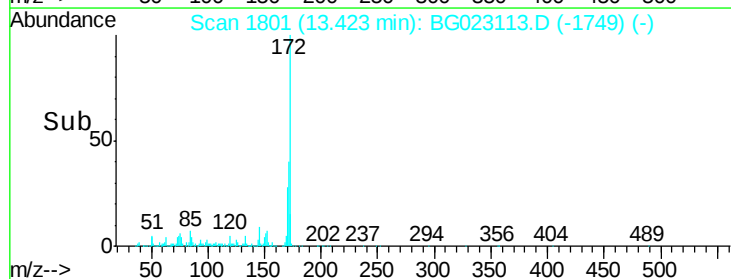
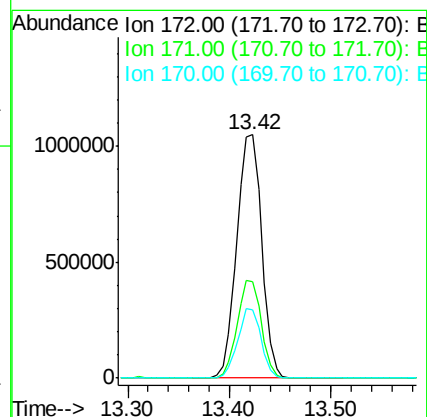
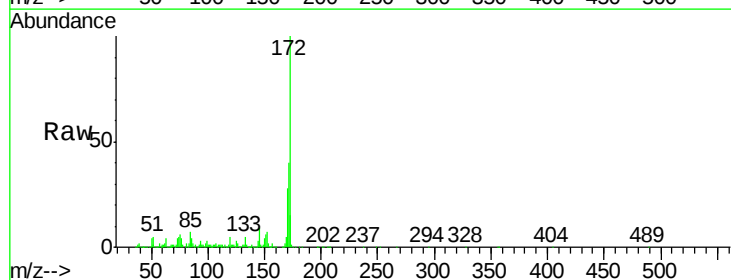
Instrument :
 BNA_G
 ClientSampleId :
 PB92146BS

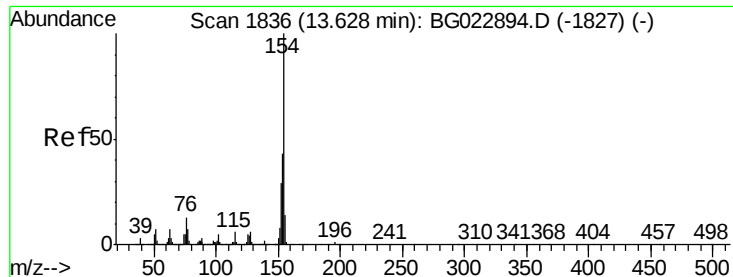
Tgt Ion	Ratio	Lower	Upper
196	100		
198	108.2	85.7	128.5
97	61.8	45.5	68.3
132	23.5	18.9	28.3



#44
 2-Fluorobiphenyl
 Concen: 81.11 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BG023113.D
 Acq: 15 Jul 2016 14:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.7	31.6	47.4
170	28.0	21.3	31.9

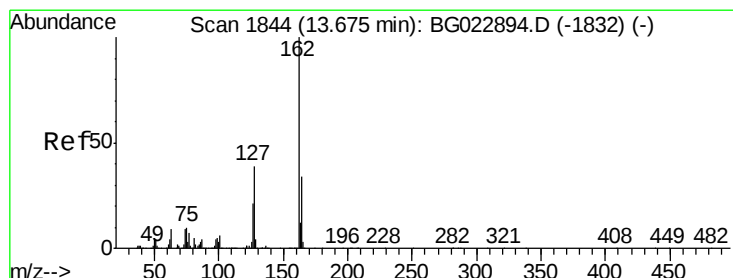
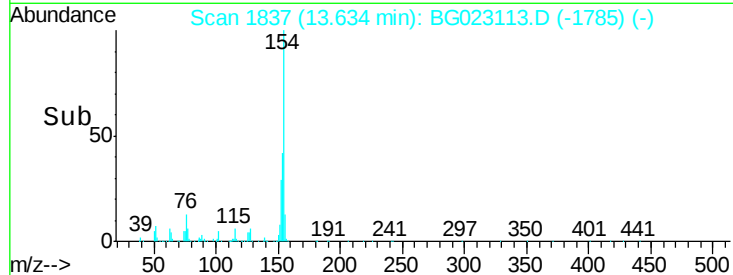
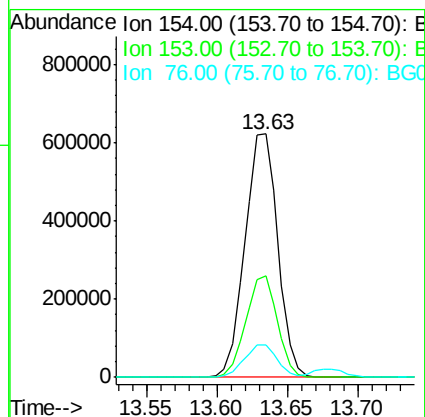
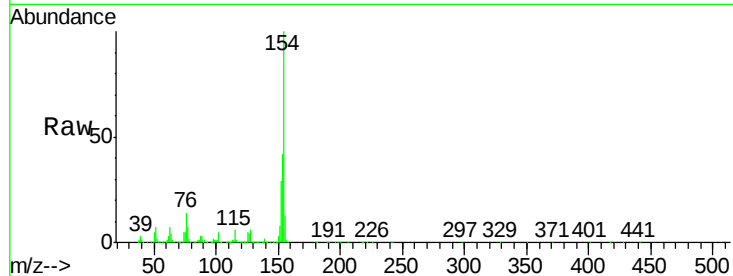




#45
 1,1'-Biphenyl
 Concen: 38.83 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: BG023113.D
 Acq: 15 Jul 2016 14:45

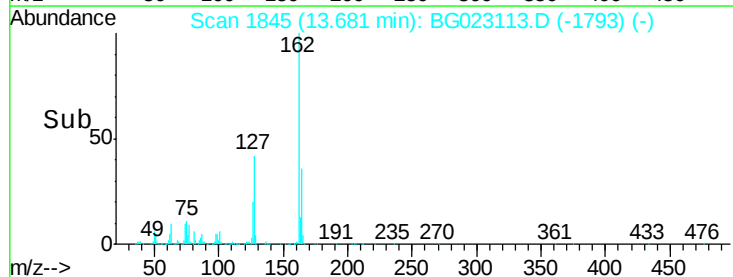
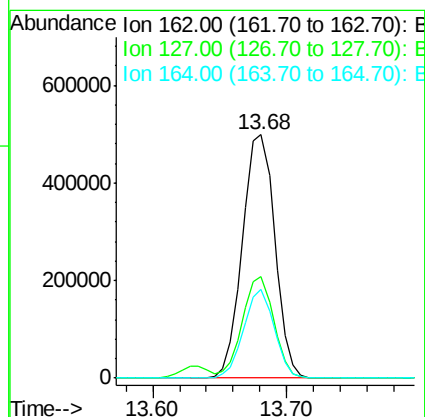
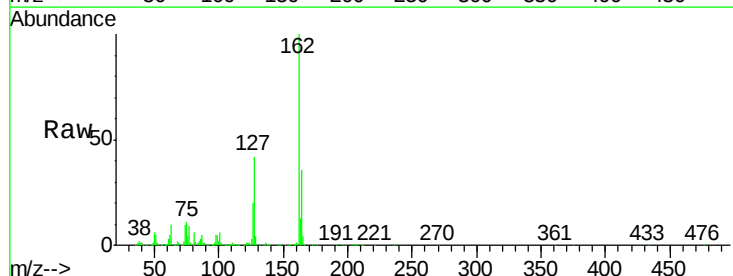
Instrument :
 BNA_G
 ClientSampleId :
 PB92146BS

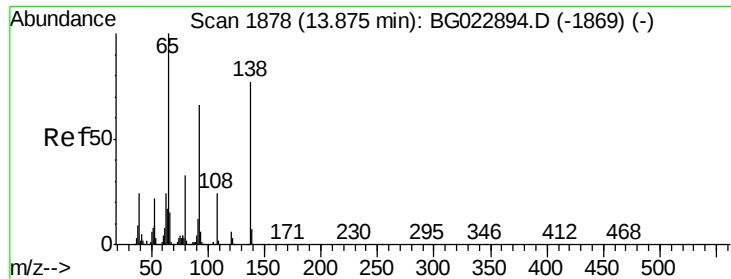
Tgt Ion:154 Resp: 1014685
 Ion Ratio Lower Upper
 154 100
 153 41.7 20.2 60.2
 76 13.6 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 39.54 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BG023113.D
 Acq: 15 Jul 2016 14:45

Tgt Ion:162 Resp: 838047
 Ion Ratio Lower Upper
 162 100
 127 41.5 32.4 48.6
 164 36.2 25.2 37.8

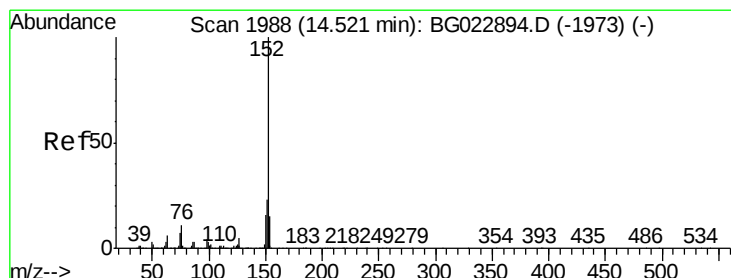
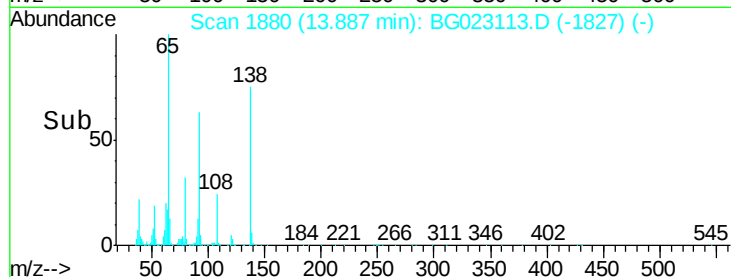
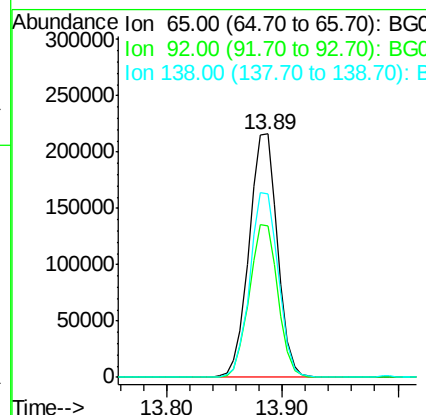
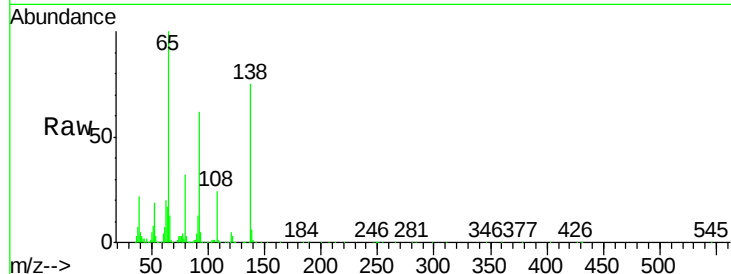




#47
2-Nitroaniline
Concen: 40.92 ng
RT: 13.89 min Scan# 1880
Delta R.T. 0.01 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

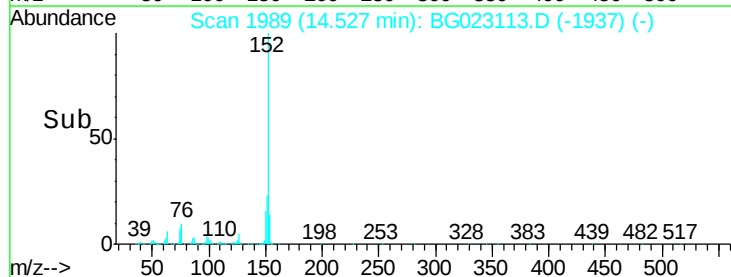
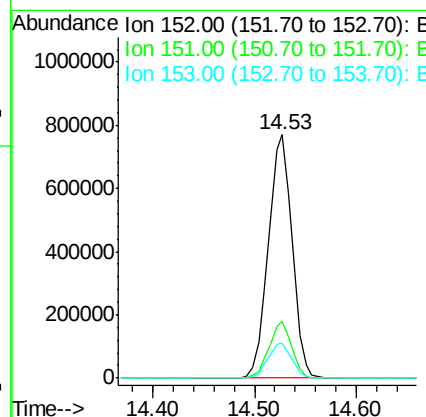
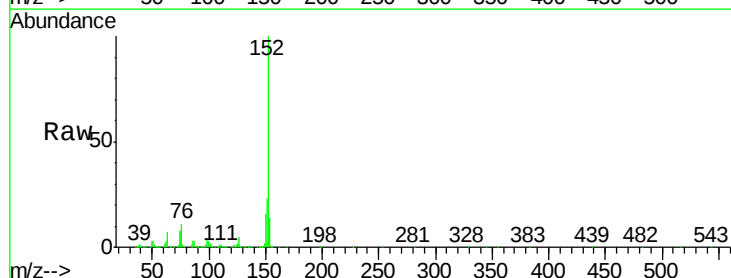
Instrument :
BNA_G
ClientSampleId :
PB92146BS

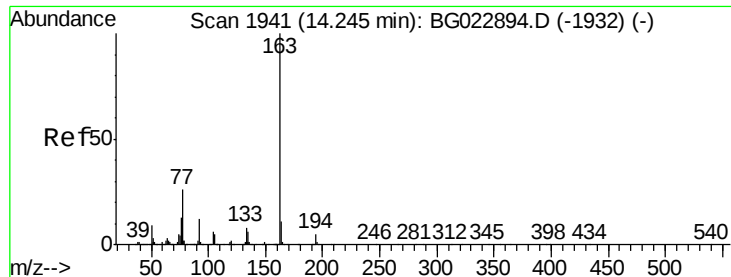
Tgt Ion: 65 Resp: 370111
Ion Ratio Lower Upper
65 100
92 62.4 49.4 74.0
138 75.1 58.0 87.0



#48
Acenaphthylene
Concen: 39.35 ng
RT: 14.53 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

Tgt Ion: 152 Resp: 1251333
Ion Ratio Lower Upper
152 100
151 23.2 17.6 26.4
153 14.4 11.4 17.2





#49

Dimethylphthalate

Concen: 40.28 ng

RT: 14.25 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Instrument :

BNA_G

ClientSampleId :

PB92146BS

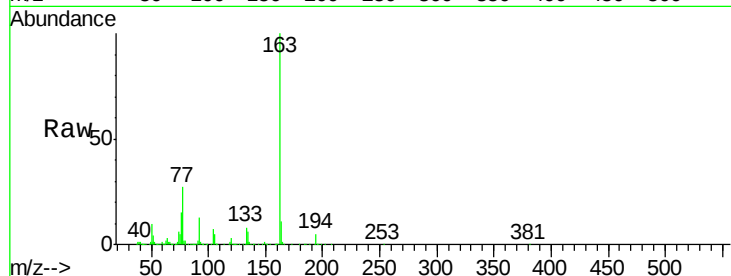
Tgt Ion:163 Resp: 1145927

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

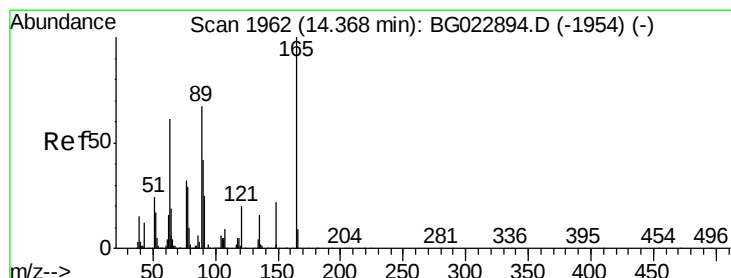
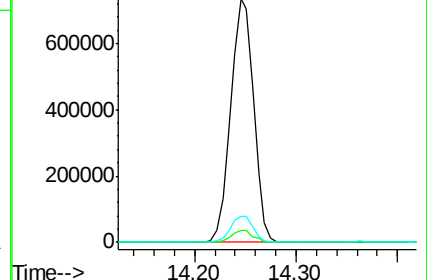
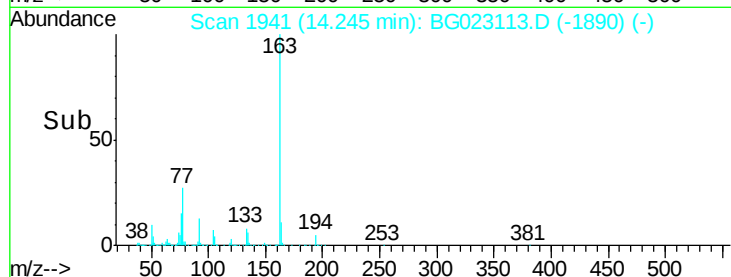
164 10.8 8.1 12.1



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: 40.39 ng

RT: 14.37 min Scan# 1963

Delta R.T. 0.01 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

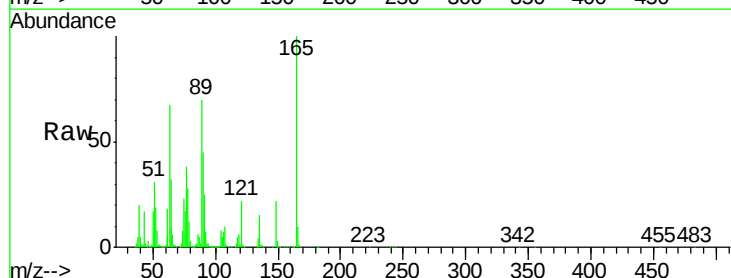
Tgt Ion:165 Resp: 258255

Ion Ratio Lower Upper

165 100

63 67.2 64.3 96.5

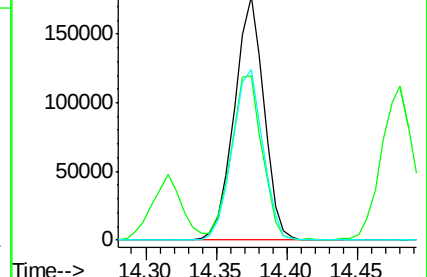
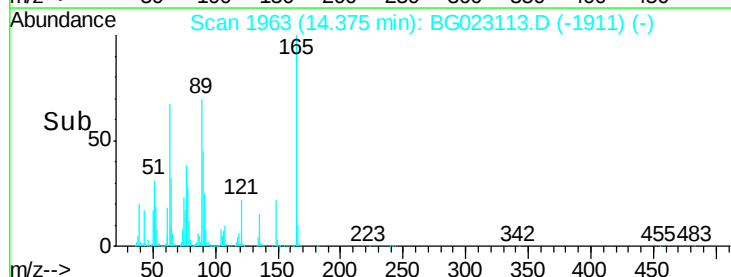
89 70.2 64.3 96.5

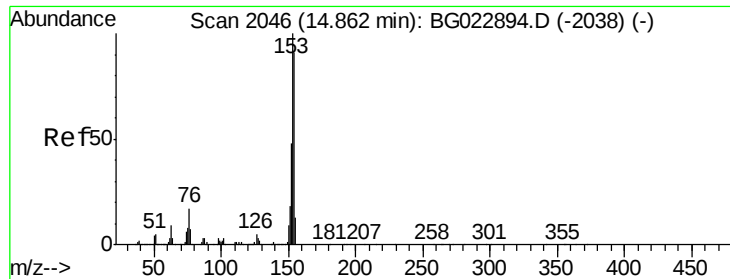


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 39.36 ng

RT: 14.86 min Scan# 2046

Delta R.T. 0.00 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Instrument :

BNA_G

ClientSampleId :

PB92146BS

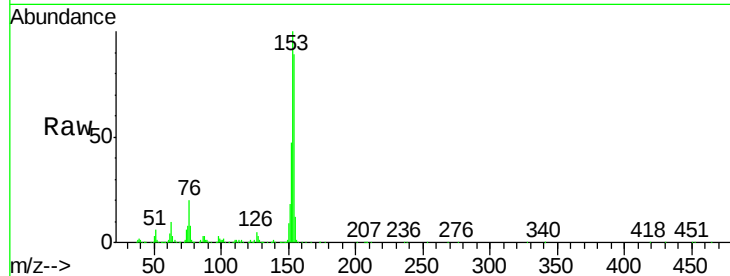
Tgt Ion:154 Resp: 817758

Ion Ratio Lower Upper

154 100

153 112.3 87.5 131.3

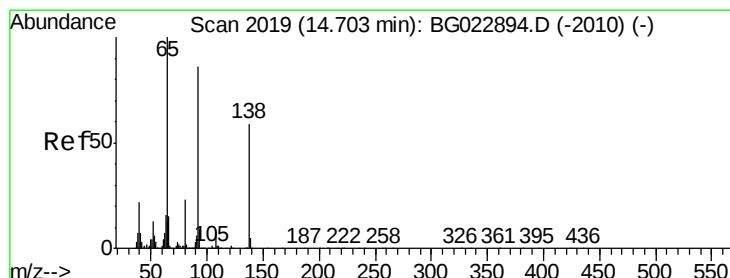
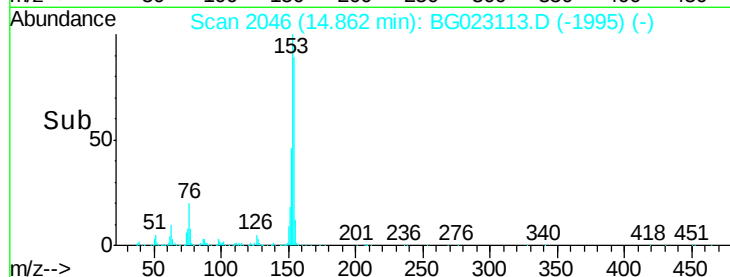
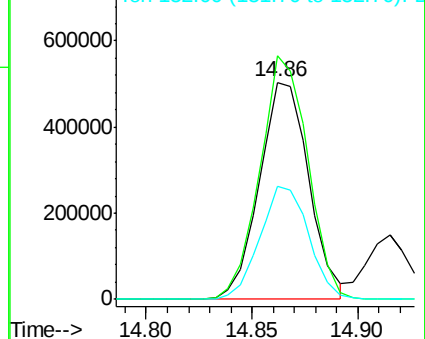
152 52.3 42.7 64.1



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: 34.63 ng

RT: 14.71 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

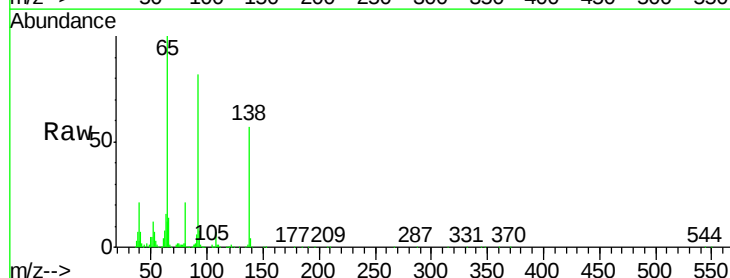
Tgt Ion:138 Resp: 220791

Ion Ratio Lower Upper

138 100

108 12.8 11.7 17.5

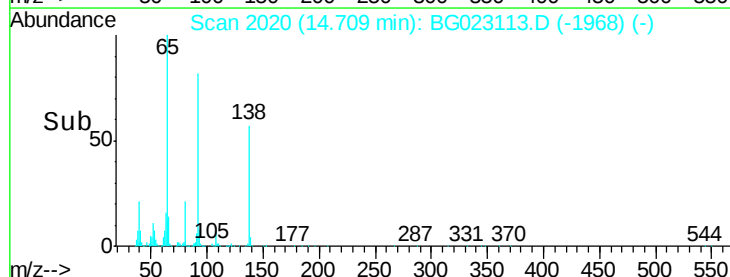
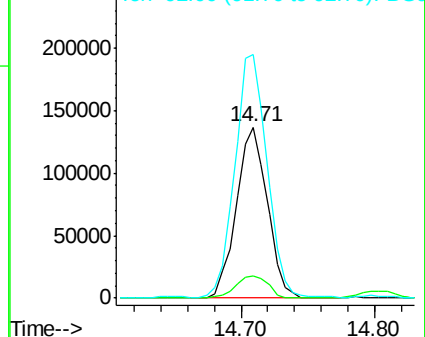
92 142.6 129.7 194.5

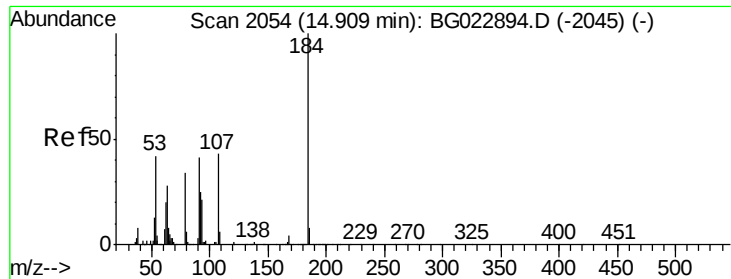


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 65.97 ng

RT: 14.92 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Instrument :

BNA_G

ClientSampleId :

PB92146BS

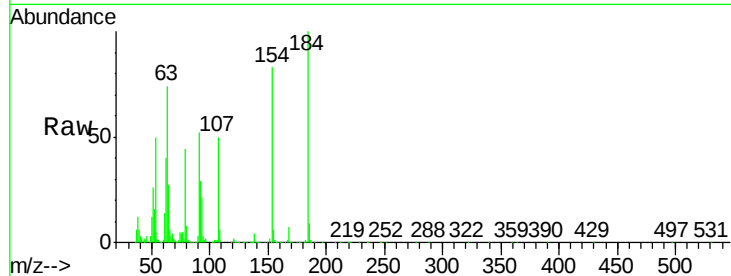
Tgt Ion:184 Resp: 289409

Ion Ratio Lower Upper

184 100

63 74.3 59.6 89.4

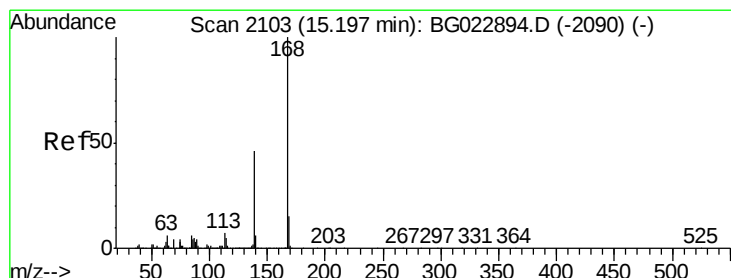
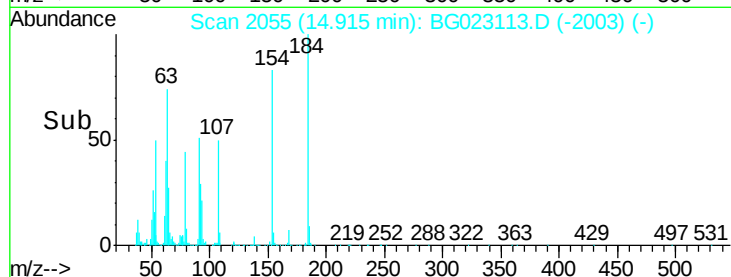
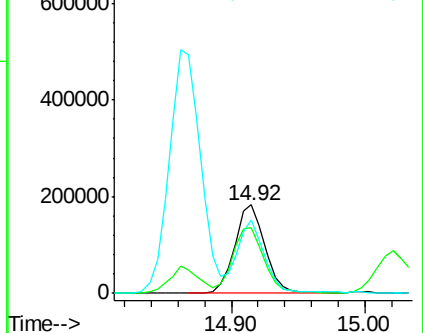
154 82.7 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG022894.D (-2045) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 43.05 ng

RT: 15.20 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

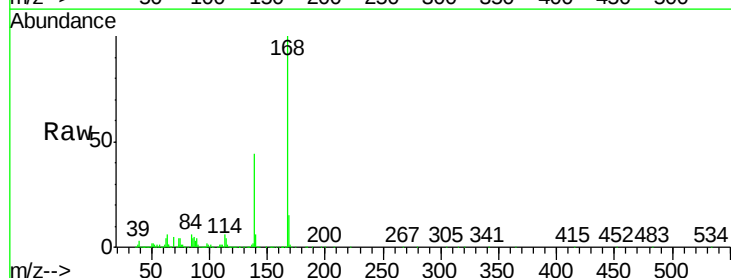
Tgt Ion:168 Resp: 1338827

Ion Ratio Lower Upper

168 100

139 44.3 36.4 54.6

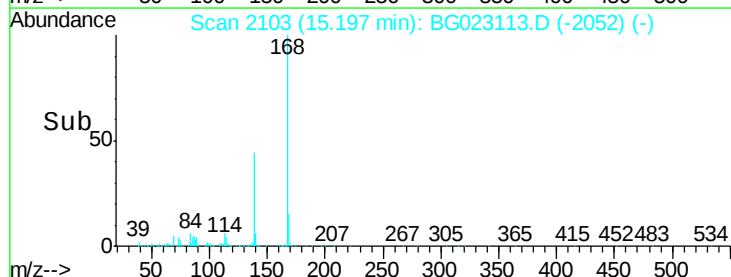
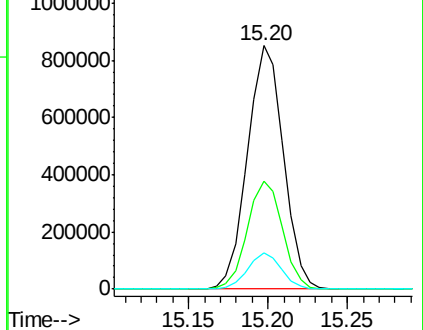
169 15.2 11.9 17.9

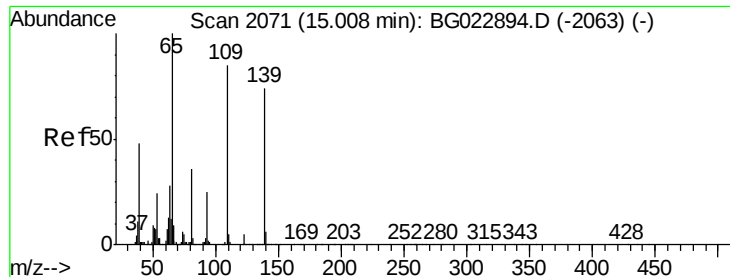


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 71.57 ng

RT: 15.02 min Scan# 2073

Delta R.T. 0.01 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Instrument :

BNA_G

ClientSampleId :

PB92146BS

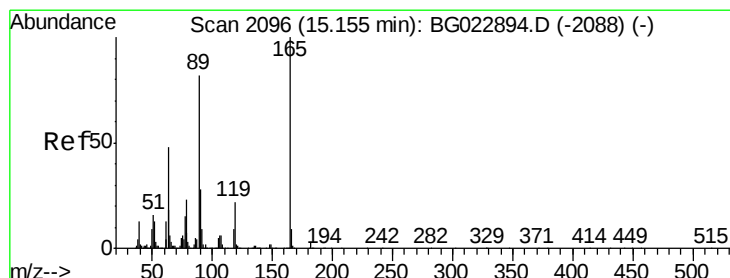
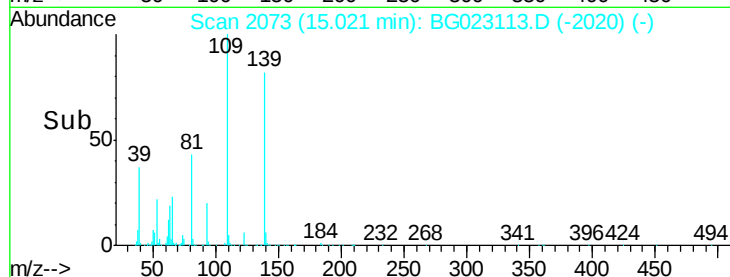
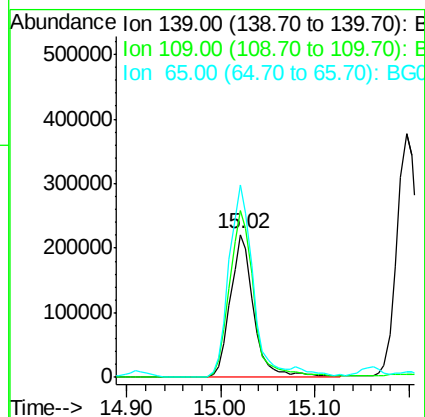
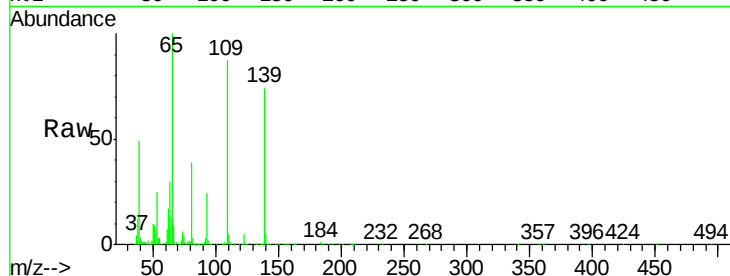
Tgt Ion:139 Resp: 382455

Ion Ratio Lower Upper

139 100

109 117.2 103.0 143.0

65 135.2 112.7 152.7



#56

2,4-Dinitrotoluene

Concen: 40.49 ng

RT: 15.16 min Scan# 2097

Delta R.T. 0.01 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Tgt Ion:165 Resp: 377419

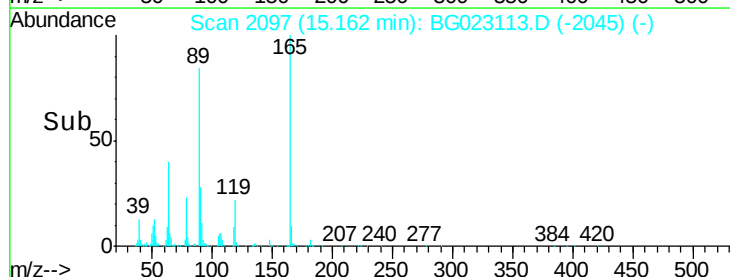
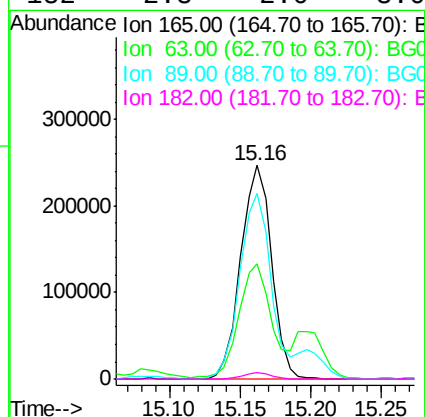
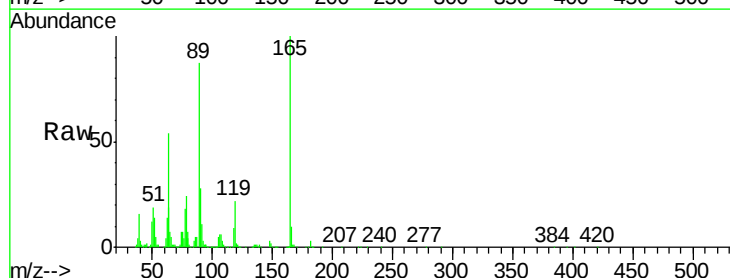
Ion Ratio Lower Upper

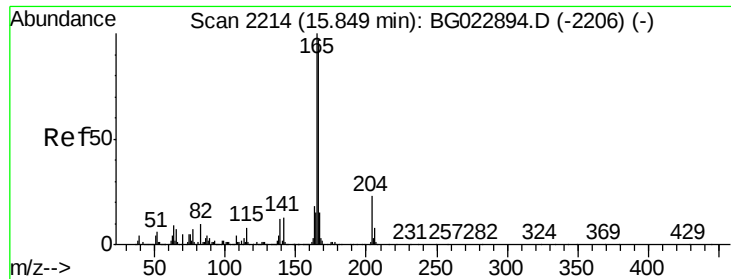
165 100

63 54.2 45.8 68.6

89 86.7 68.6 102.8

182 2.8 2.0 3.0

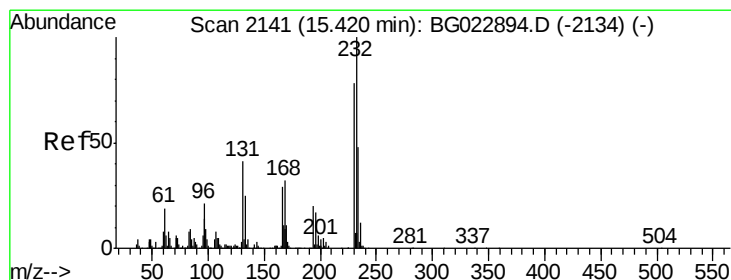
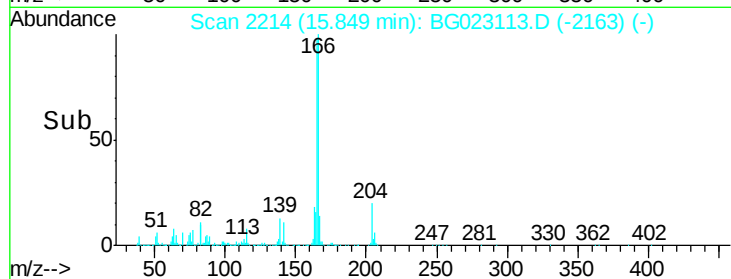
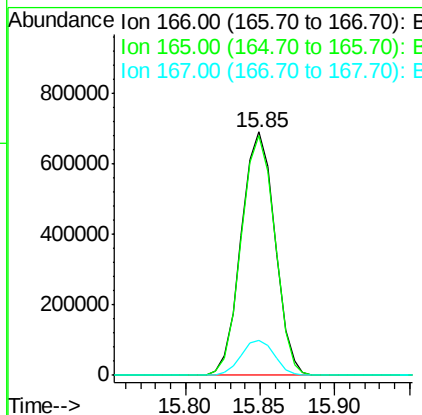
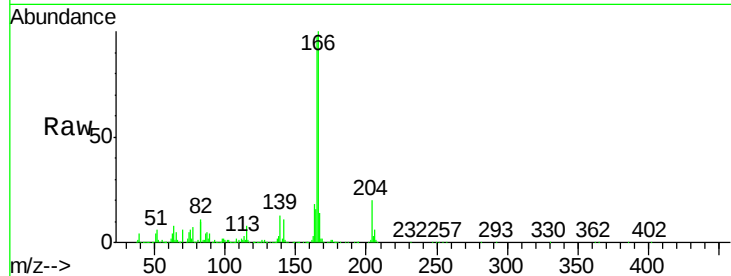




#57
Fluorene
 Concen: 40.38 ng
 RT: 15.85 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BG023113.D
 Acq: 15 Jul 2016 14:45

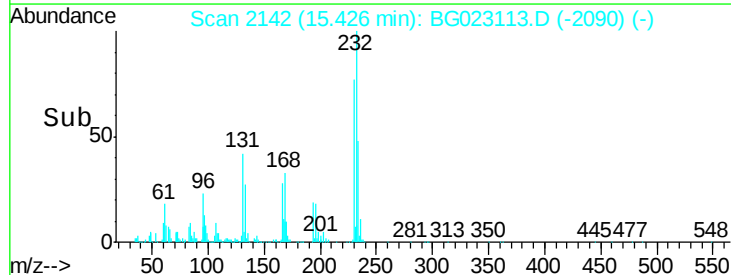
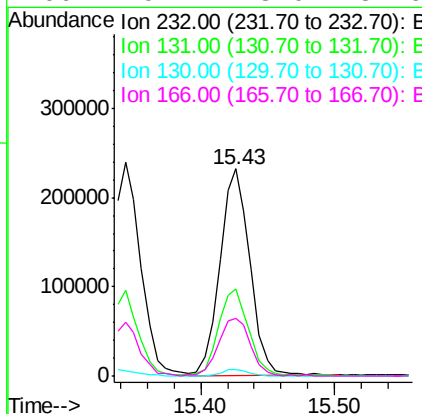
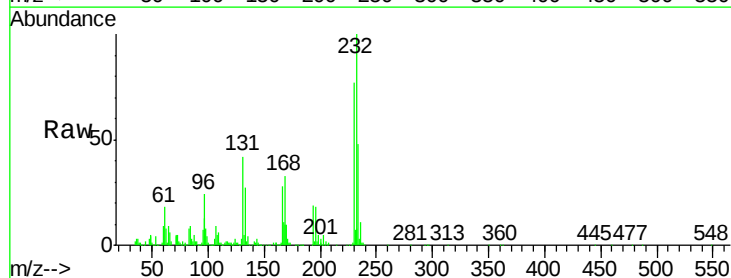
Instrument :
 BNA_G
 ClientSampleId :
 PB92146BS

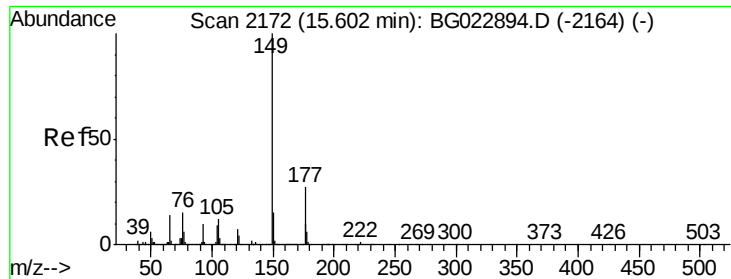
Tgt Ion:166 Resp: 1081038
 Ion Ratio Lower Upper
 166 100
 165 98.3 81.0 121.6
 167 14.3 12.0 18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.16 ng
 RT: 15.43 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: BG023113.D
 Acq: 15 Jul 2016 14:45

Tgt Ion:232 Resp: 364775
 Ion Ratio Lower Upper
 232 100
 131 42.1 32.7 49.1
 130 2.8 2.6 3.8
 166 29.4 23.0 34.6

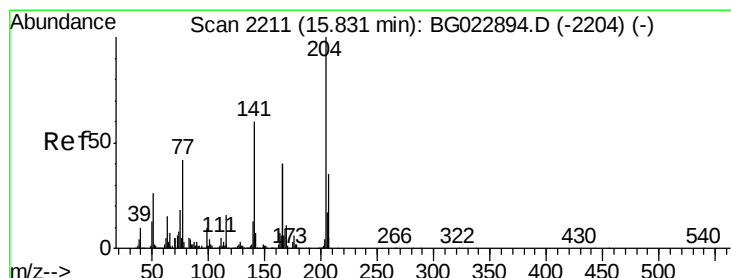
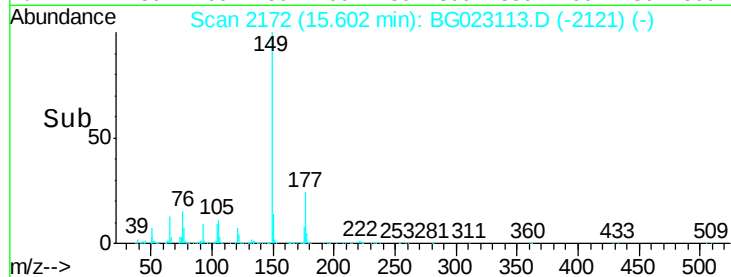
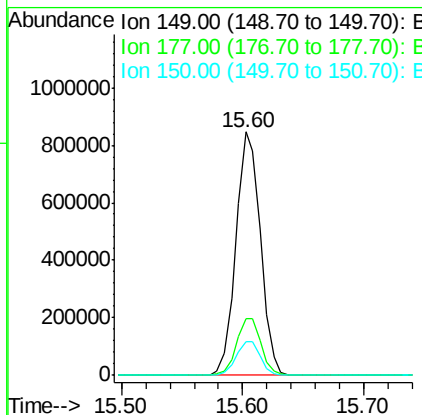
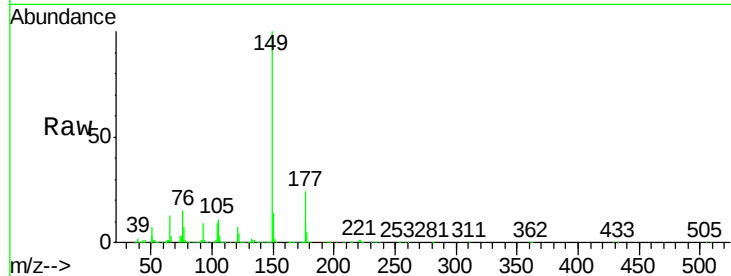




#59
Diethylphthalate
Concen: 41.21 ng
RT: 15.60 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

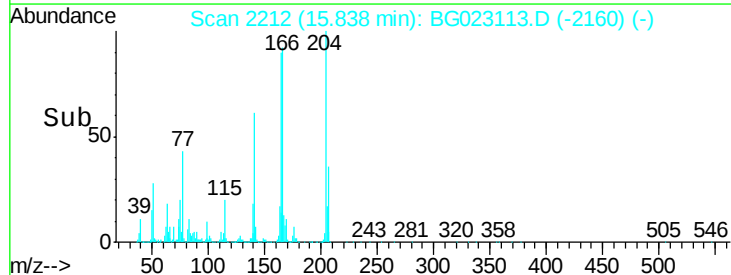
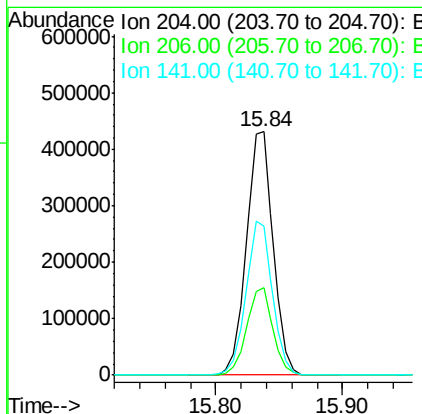
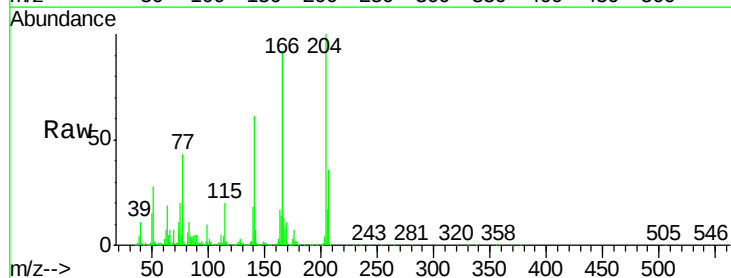
Instrument :
BNA_G
ClientSampled :
PB92146BS

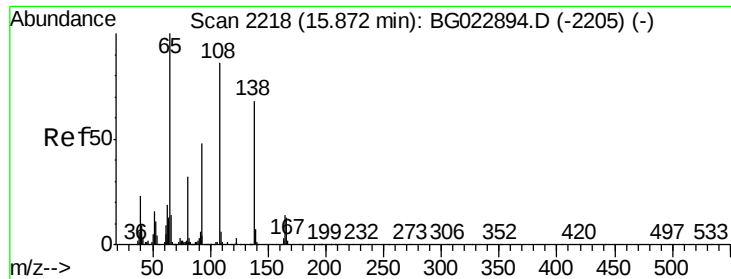
Tgt Ion:149 Resp: 1192970
Ion Ratio Lower Upper
149 100
177 23.5 19.2 28.8
150 13.9 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 38.64 ng
RT: 15.84 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

Tgt Ion:204 Resp: 629992
Ion Ratio Lower Upper
204 100
206 36.1 28.5 42.7
141 61.2 51.4 77.0

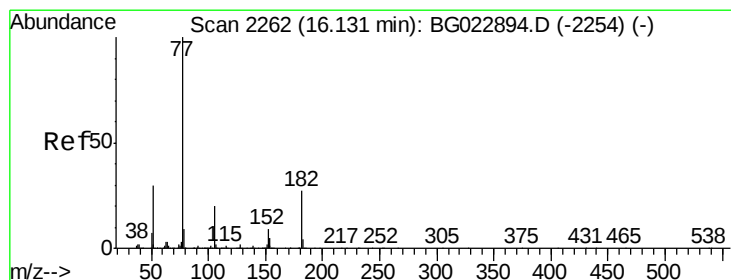
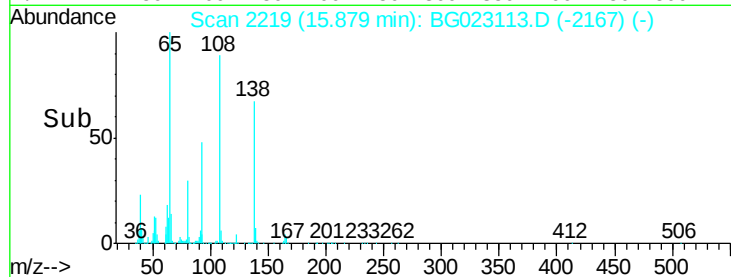
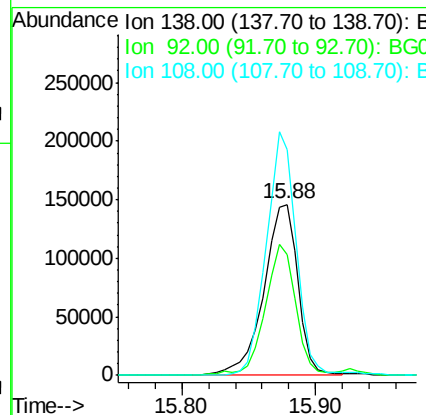
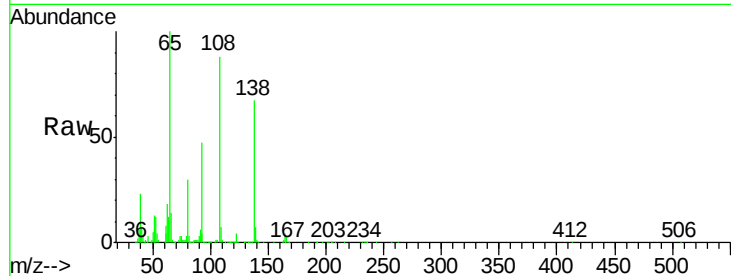




#61
4-Nitroaniline
Concen: 37.53 ng
RT: 15.88 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

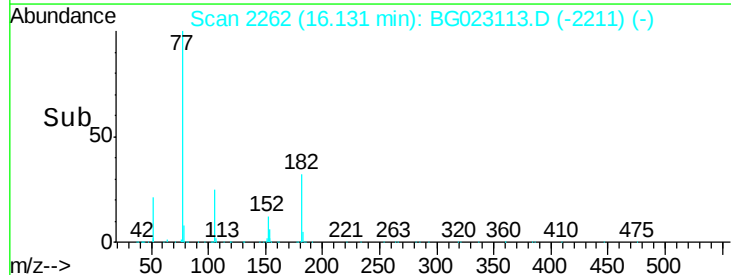
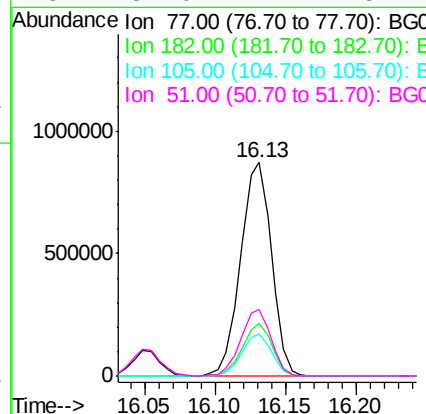
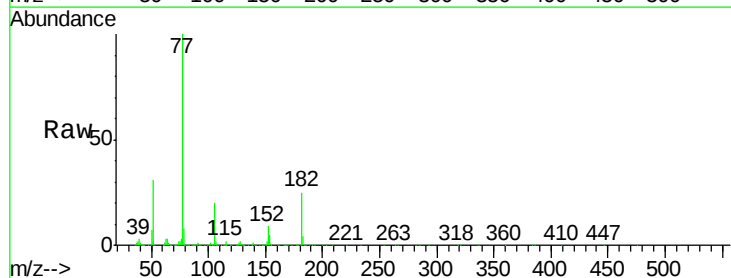
Instrument :
BNA_G
ClientSampled :
PB92146BS

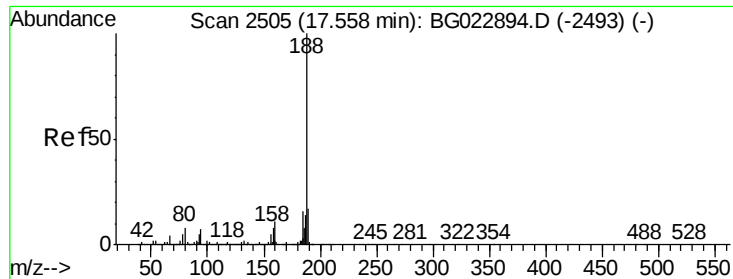
Tgt Ion: 138 Resp: 258869
Ion Ratio Lower Upper
138 100
92 70.7 54.1 94.1
108 131.9 133.9 173.9#



#62
Azobenzene
Concen: 48.08 ng
RT: 16.13 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

Tgt Ion: 77 Resp: 1331053
Ion Ratio Lower Upper
77 100
182 24.8 3.5 43.5
105 19.7 0.0 38.5
51 31.0 17.1 57.1

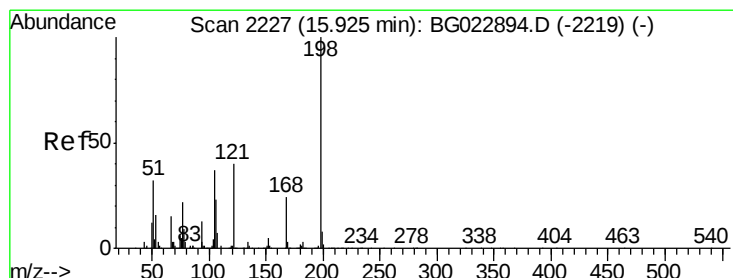
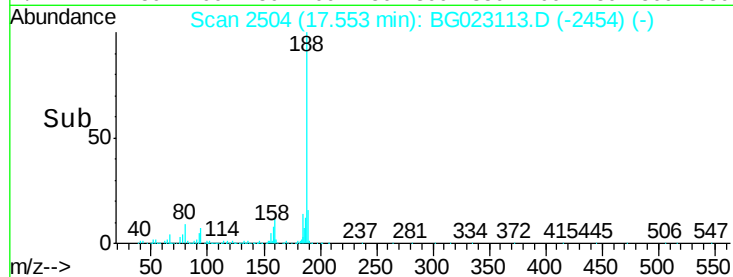
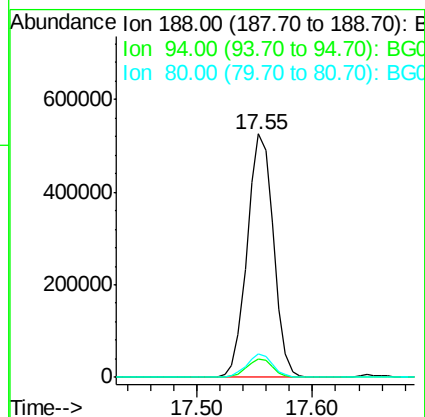
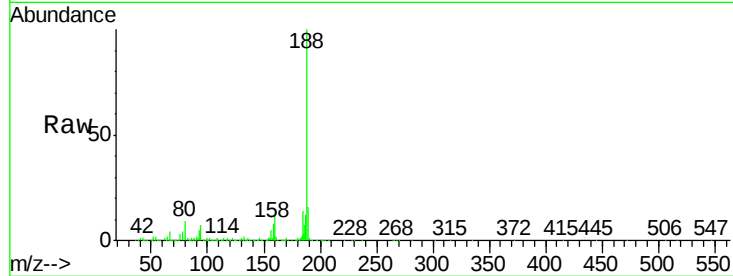




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

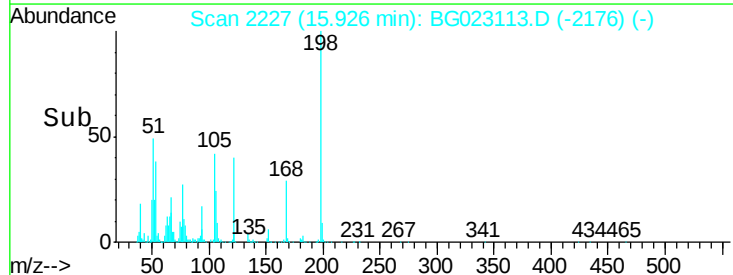
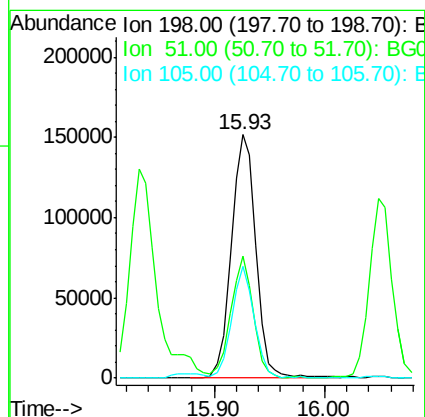
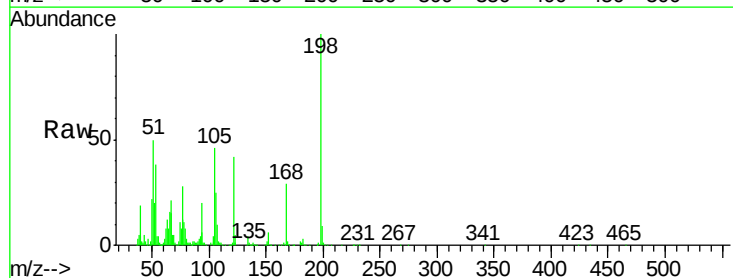
Instrument :
BNA_G
ClientSampleId :
PB92146BS

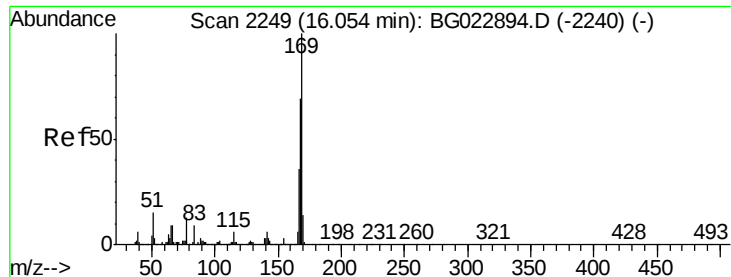
Tgt Ion:188 Resp: 828516
Ion Ratio Lower Upper
188 100
94 7.4 5.2 7.8
80 9.5 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 38.27 ng
RT: 15.93 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

Tgt Ion:198 Resp: 235664
Ion Ratio Lower Upper
198 100
51 50.4 26.0 66.0
105 46.2 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 42.47 ng

RT: 16.05 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Instrument :

BNA_G

ClientSampleId :

PB92146BS

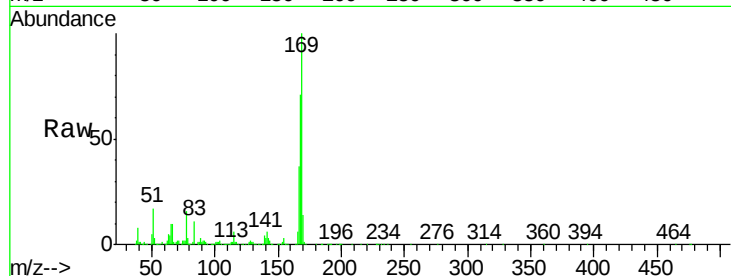
Tgt Ion:169 Resp: 1013705

Ion Ratio Lower Upper

169 100

168 70.6 55.0 82.4

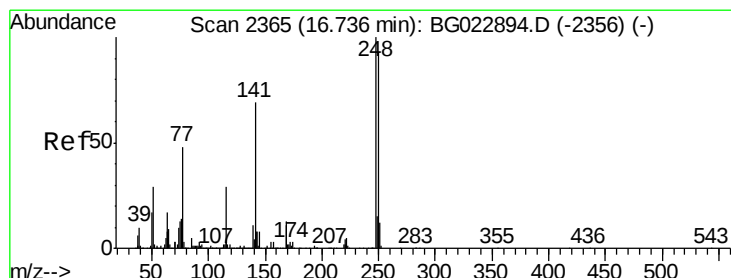
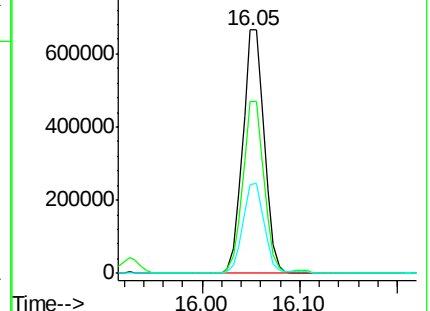
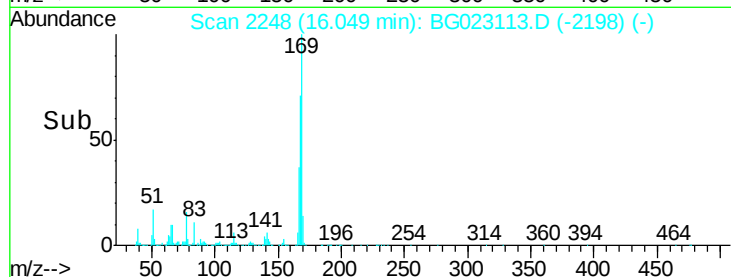
167 36.7 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.97 ng

RT: 16.74 min Scan# 2365

Delta R.T. 0.00 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

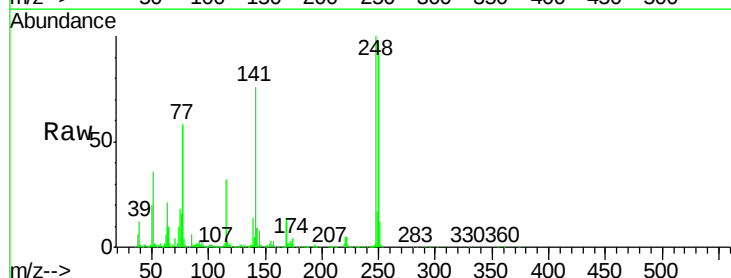
Tgt Ion:248 Resp: 420093

Ion Ratio Lower Upper

248 100

250 97.4 77.8 116.8

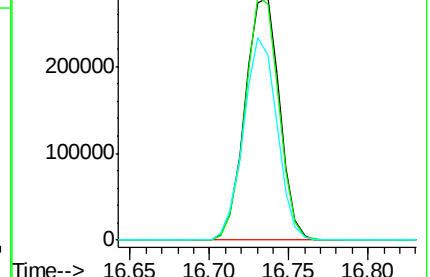
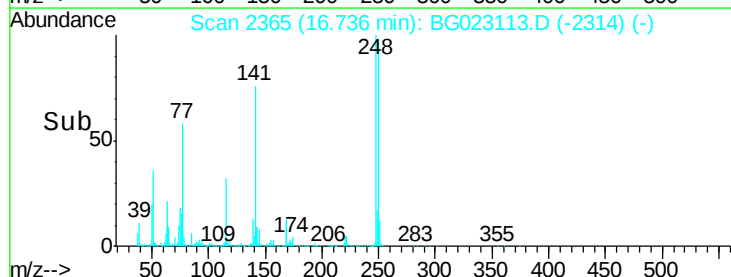
141 76.0 65.7 98.5

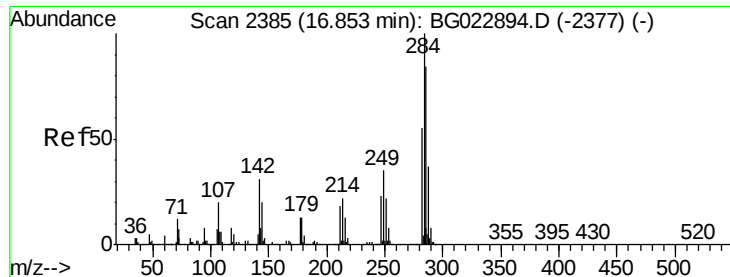


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.22 ng

RT: 16.85 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Instrument :

BNA_G

ClientSampleId :

PB92146BS

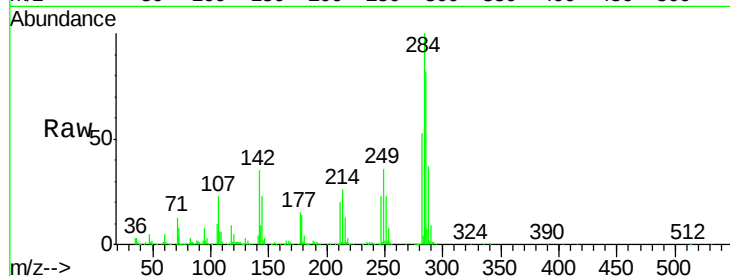
Tgt Ion:284 Resp: 447995

Ion Ratio Lower Upper

284 100

142 35.3 26.8 40.2

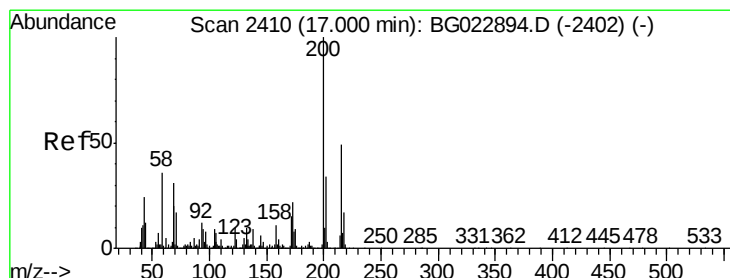
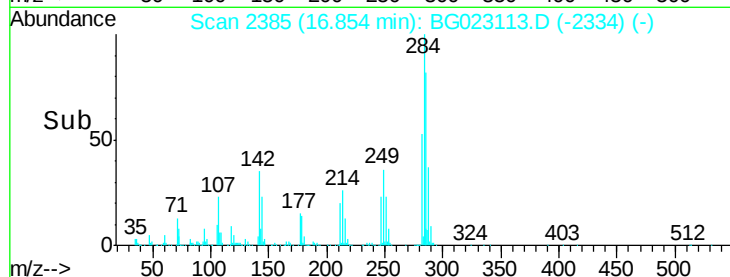
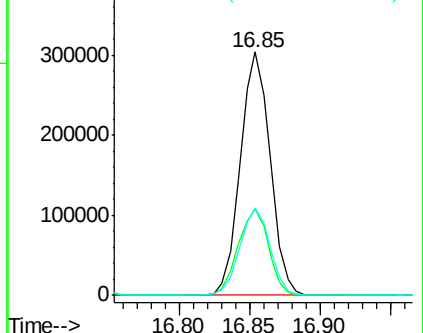
249 36.0 28.9 43.3



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: 40.80 ng

RT: 17.00 min Scan# 2410

Delta R.T. 0.00 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

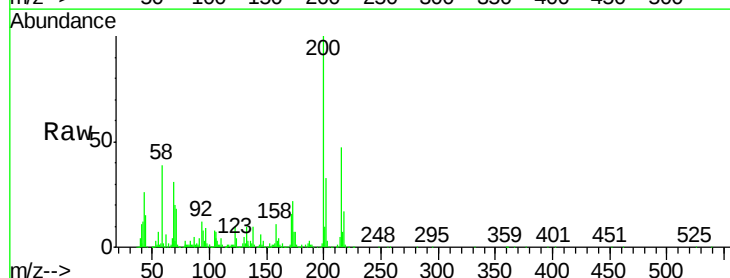
Tgt Ion:200 Resp: 431988

Ion Ratio Lower Upper

200 100

173 21.8 1.6 41.6

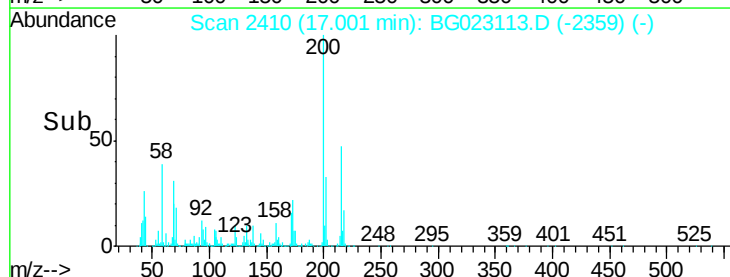
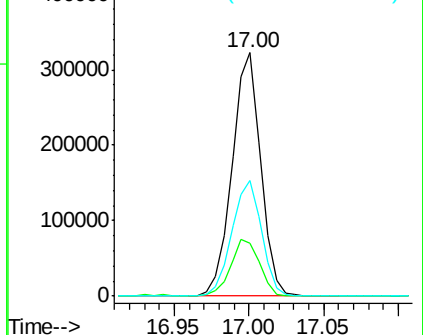
215 47.4 28.7 68.7

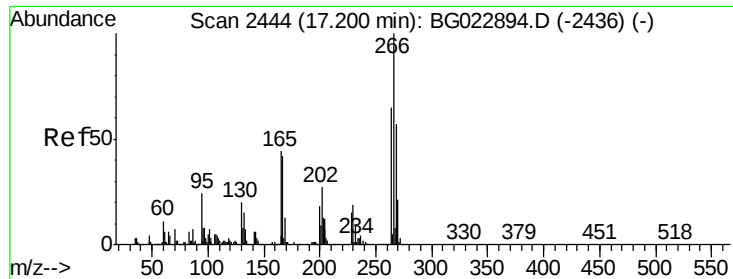


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 71.60 ng

RT: 17.21 min Scan# 2445

Delta R.T. 0.01 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Instrument :

BNA_G

ClientSampleId :

PB92146BS

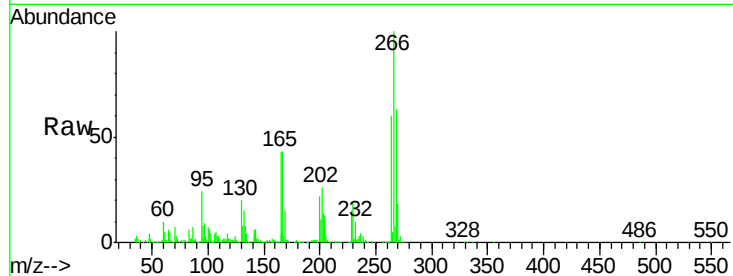
Tgt Ion:266 Resp: 543473

Ion Ratio Lower Upper

266 100

268 63.4 51.9 77.9

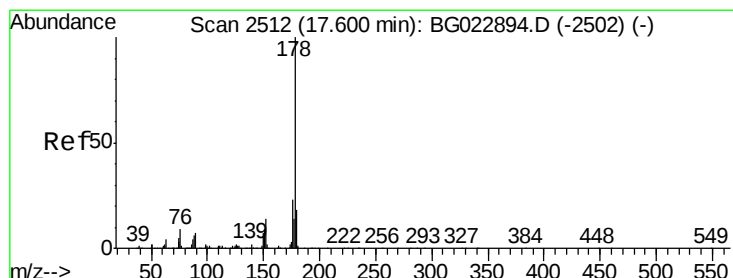
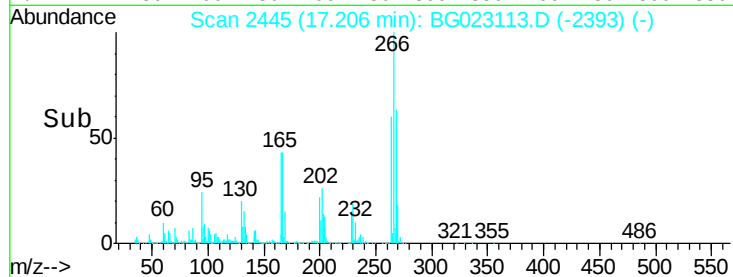
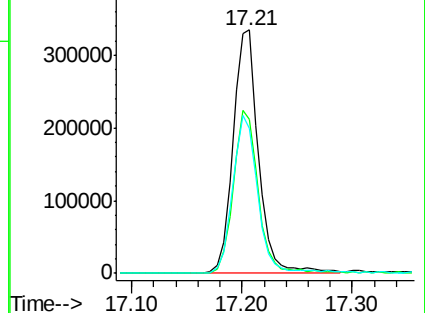
264 59.5 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 43.79 ng

RT: 17.60 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

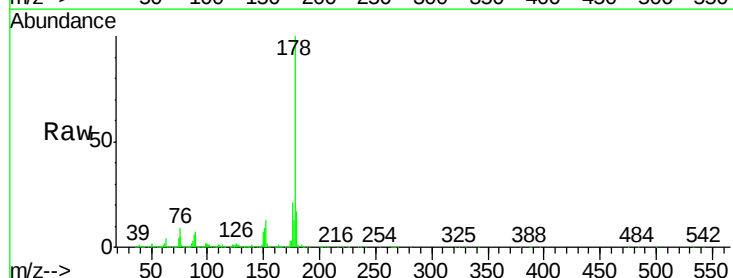
Tgt Ion:178 Resp: 1778061

Ion Ratio Lower Upper

178 100

176 21.4 16.8 25.2

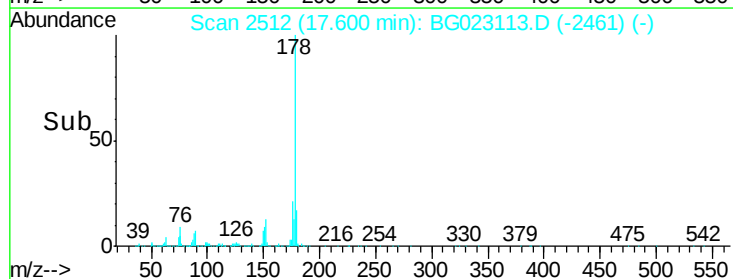
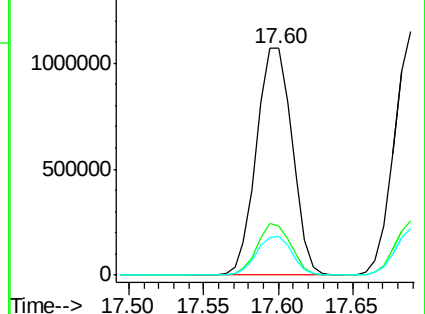
179 17.2 14.3 21.5

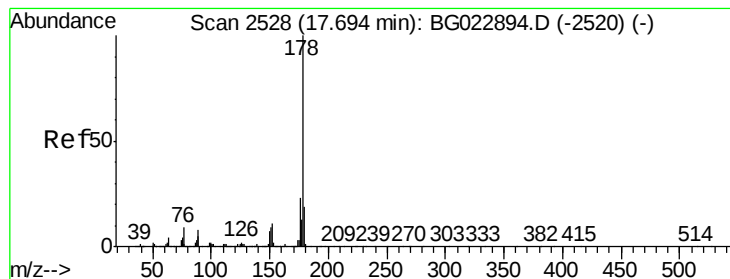


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 43.66 ng

RT: 17.69 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Instrument :

BNA_G

ClientSampleId :

PB92146BS

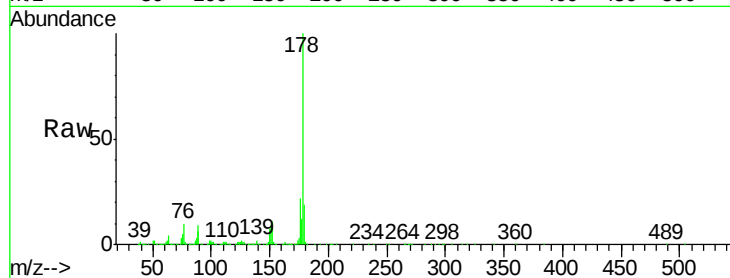
Tgt Ion:178 Resp: 1795180

Ion Ratio Lower Upper

178 100

176 22.0 17.3 25.9

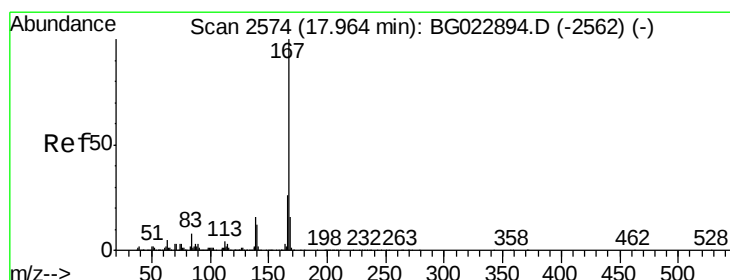
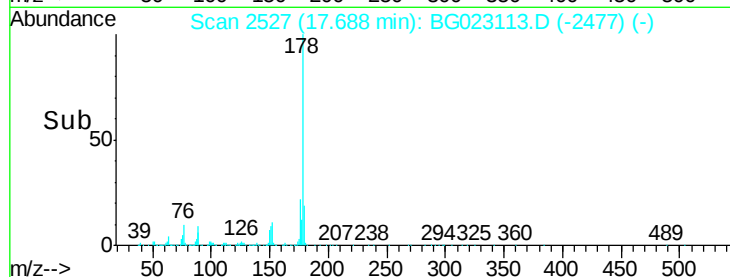
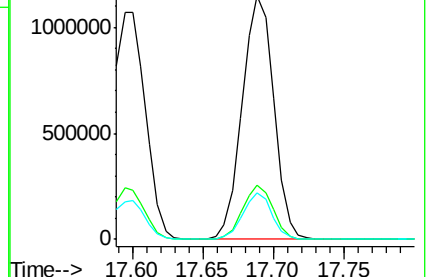
179 19.0 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.51 ng

RT: 17.96 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

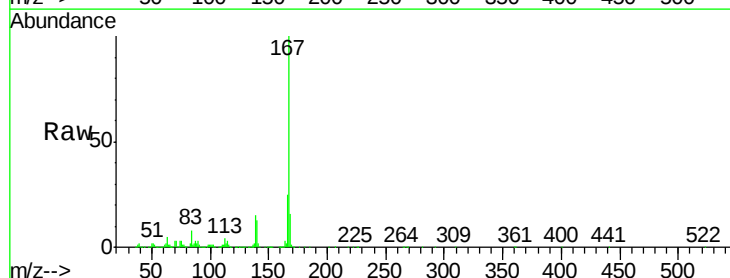
Tgt Ion:167 Resp: 1581411

Ion Ratio Lower Upper

167 100

166 25.3 20.7 31.1

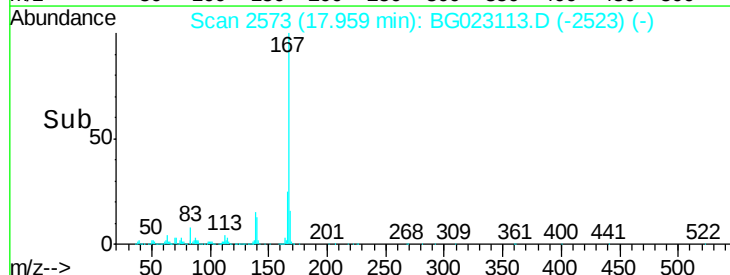
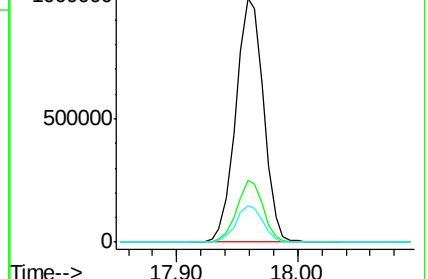
139 15.1 11.9 17.9

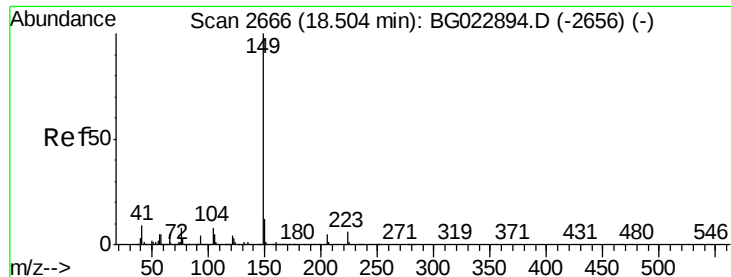


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.05 ng

RT: 18.50 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Instrument :

BNA_G

ClientSampleId :

PB92146BS

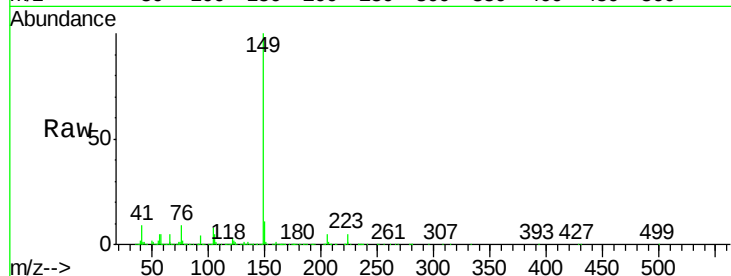
Tgt Ion:149 Resp: 1898483

Ion Ratio Lower Upper

149 100

150 11.4 9.1 13.7

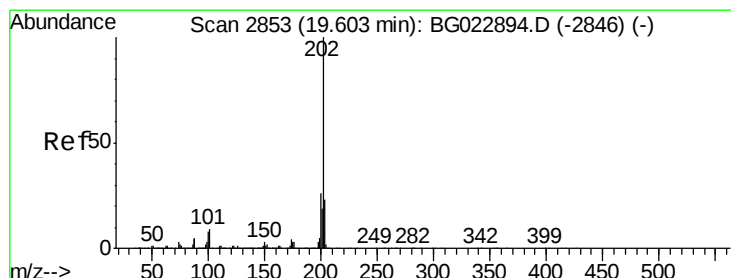
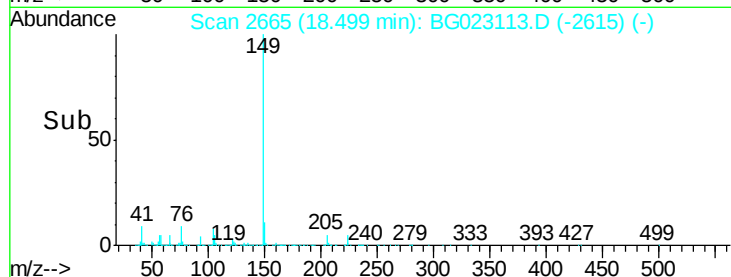
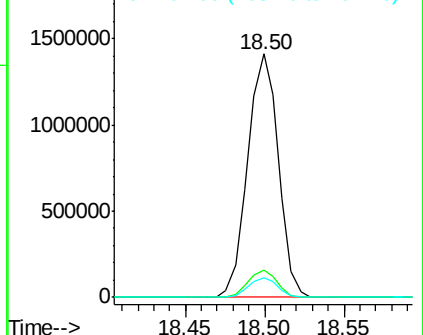
104 7.9 6.9 10.3



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: 41.26 ng

RT: 19.60 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

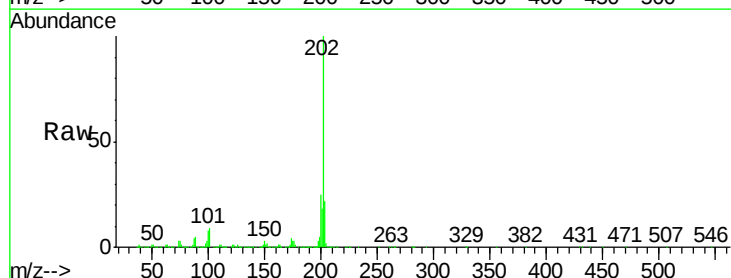
Tgt Ion:202 Resp: 2056123

Ion Ratio Lower Upper

202 100

101 8.9 0.0 27.4

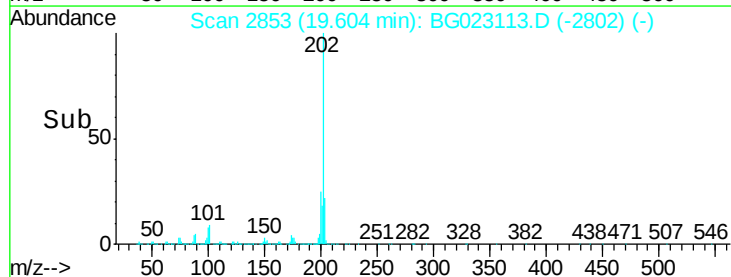
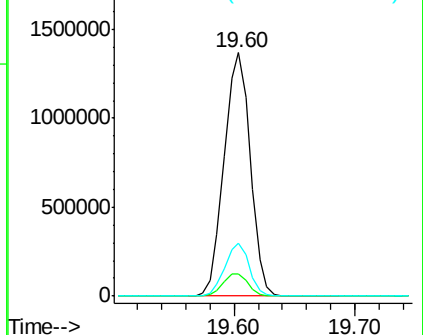
203 21.7 1.7 41.7

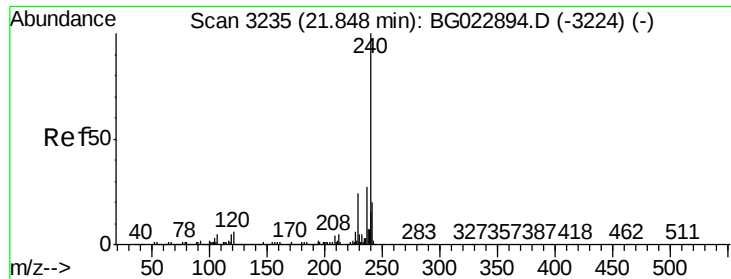


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.86 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Instrument :

BNA_G

ClientSampleId :

PB92146BS

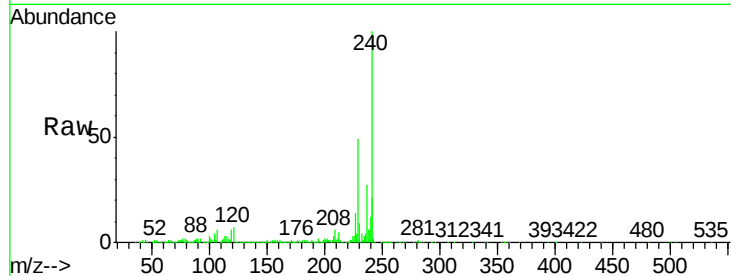
Tgt Ion:240 Resp: 891345

Ion Ratio Lower Upper

240 100

120 7.2 4.1 6.1#

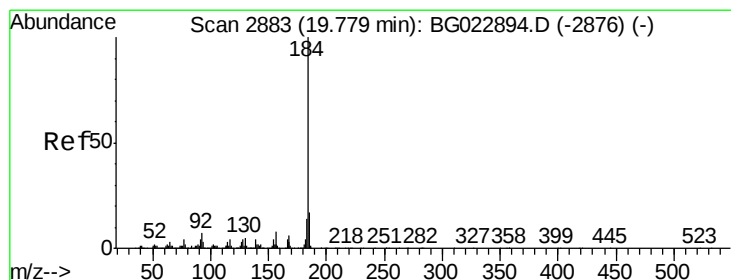
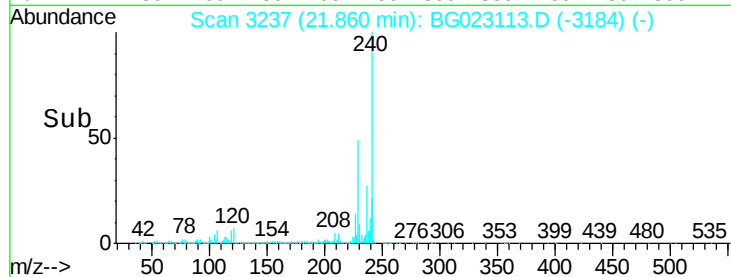
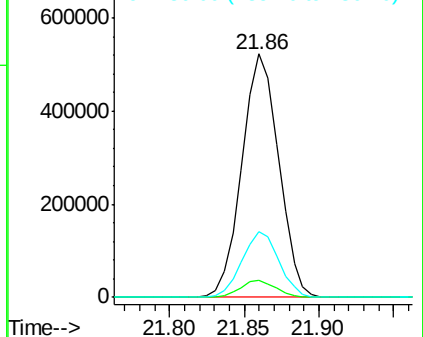
236 26.9 21.1 31.7



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: 52.40 ng

RT: 19.78 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

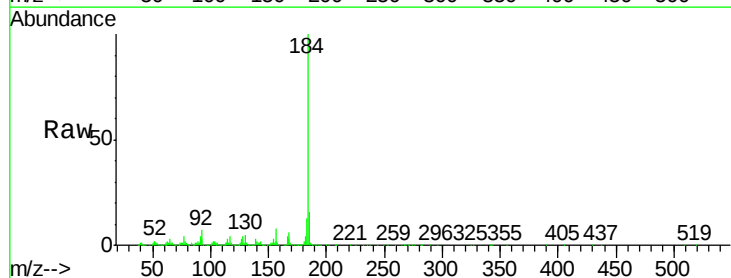
Tgt Ion:184 Resp: 1338902

Ion Ratio Lower Upper

184 100

185 16.5 12.6 19.0

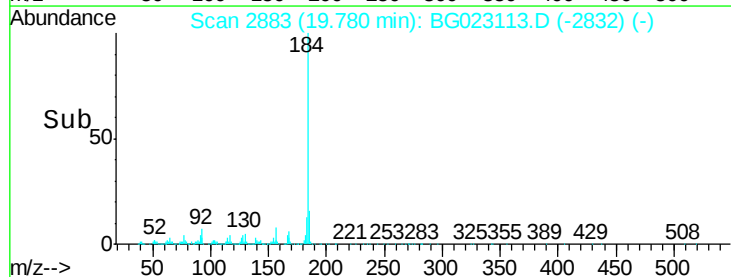
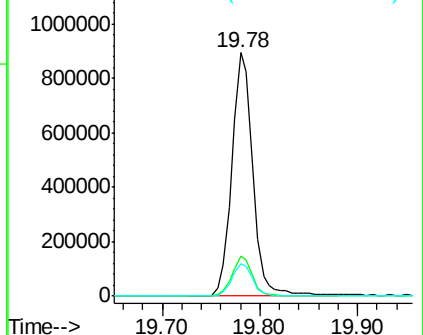
183 13.3 10.7 16.1

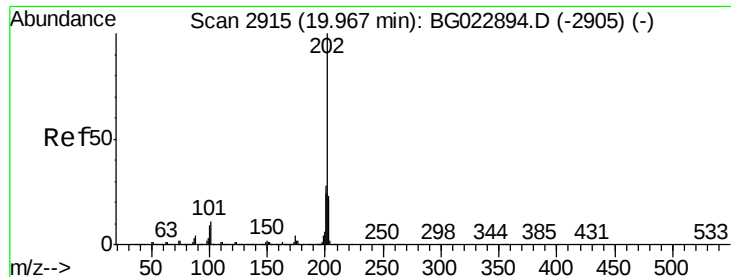


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.12 ng

RT: 19.96 min Scan# 2914

Delta R.T. -0.01 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Instrument :

BNA_G

ClientSampleId :

PB92146BS

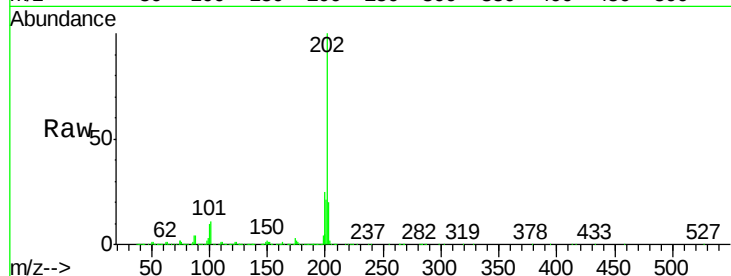
Tgt Ion:202 Resp: 2109953

Ion Ratio Lower Upper

202 100

200 25.3 21.2 31.8

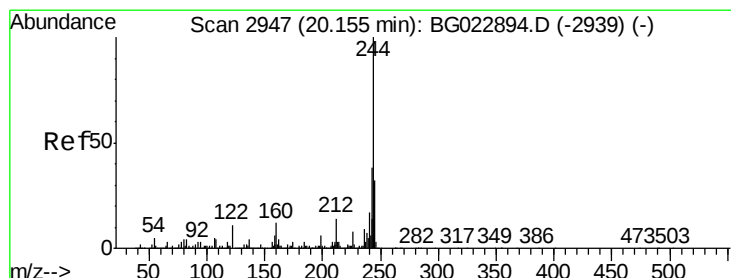
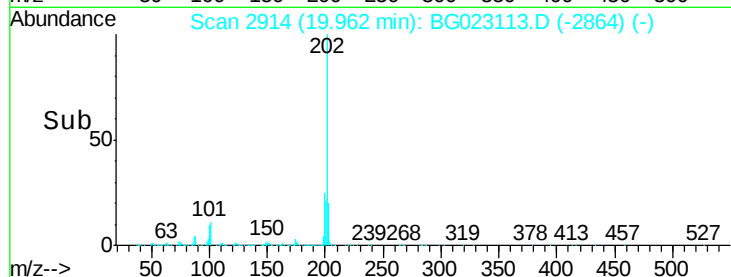
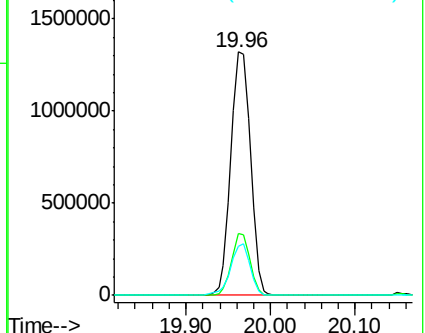
203 20.2 16.8 25.2



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: 101.57 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

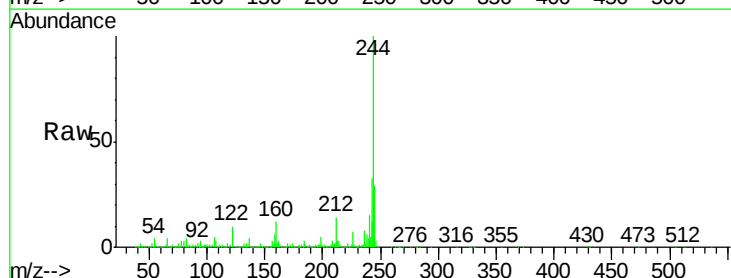
Tgt Ion:244 Resp: 2650378

Ion Ratio Lower Upper

244 100

212 13.7 10.8 16.2

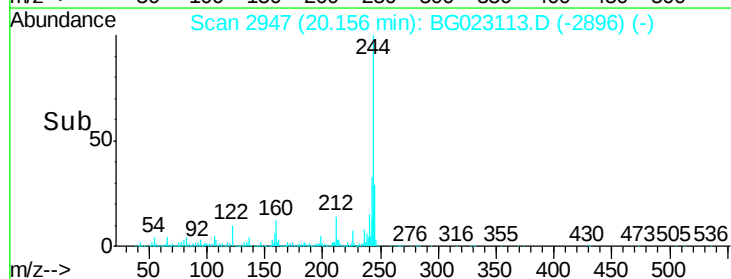
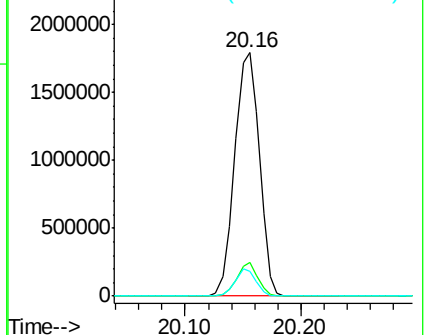
122 9.9 8.0 12.0

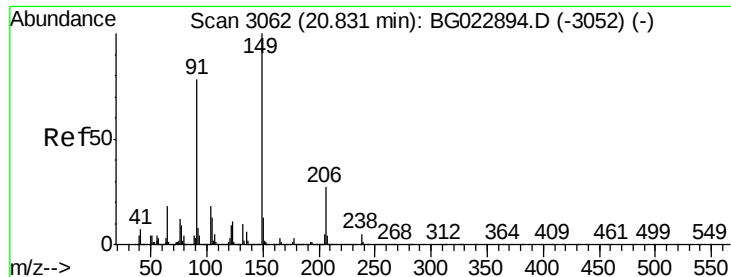


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.90 ng

RT: 20.84 min Scan# 3063

Delta R.T. 0.01 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Instrument :

BNA_G

ClientSampleId :

PB92146BS

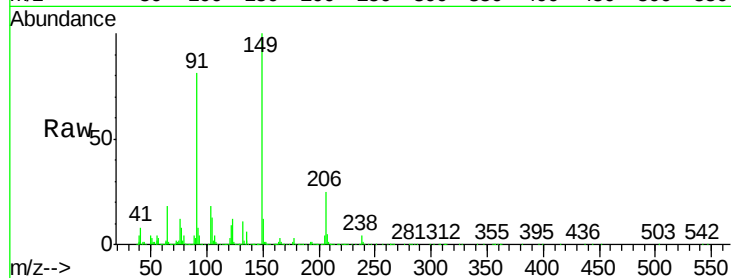
Tgt Ion:149 Resp: 930388

Ion Ratio Lower Upper

149 100

91 80.9 68.1 102.1

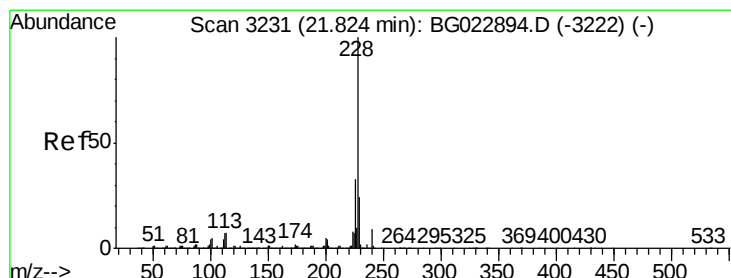
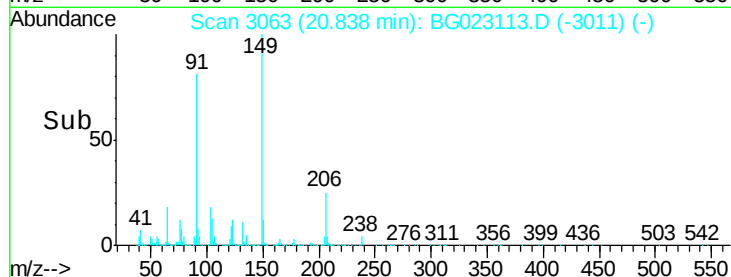
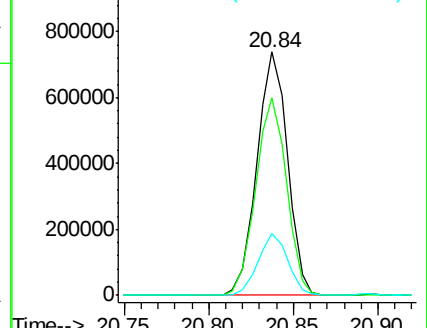
206 25.2 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.38 ng

RT: 21.84 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

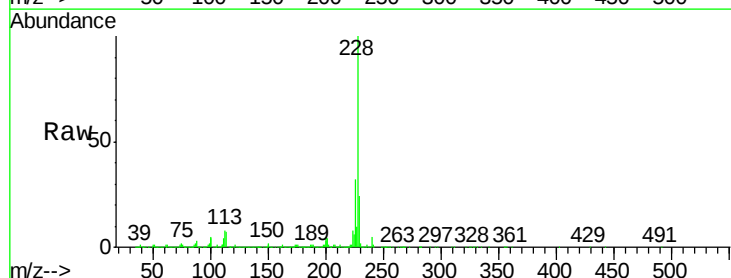
Tgt Ion:228 Resp: 2163320

Ion Ratio Lower Upper

228 100

226 31.7 25.3 37.9

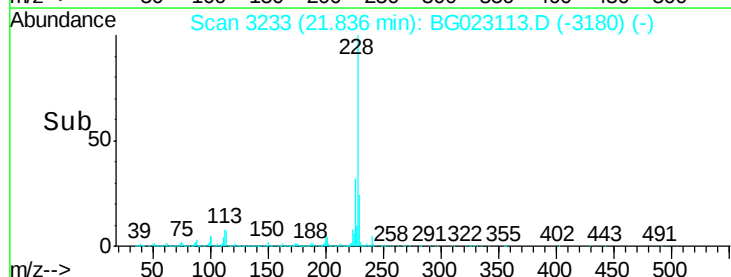
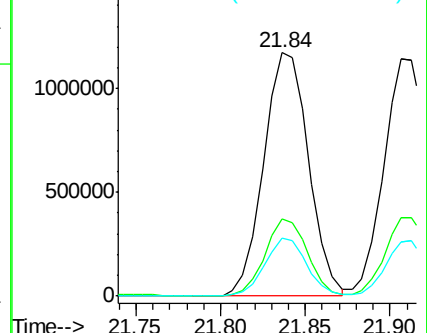
229 24.0 19.9 29.9

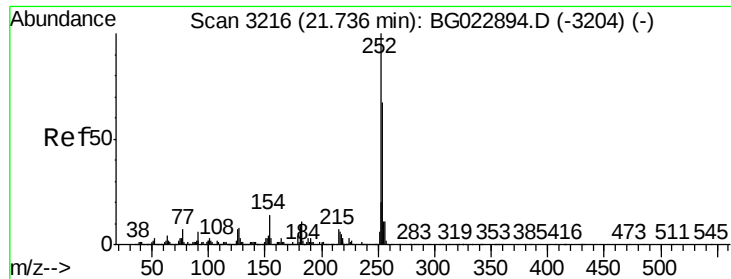


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

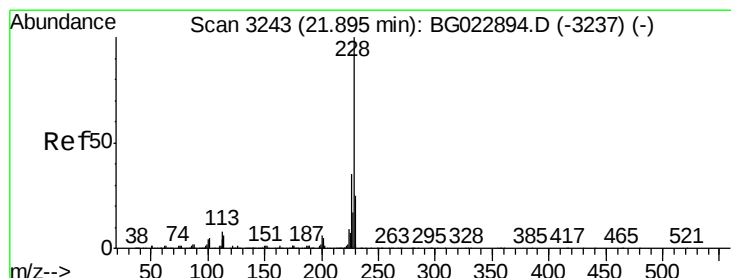
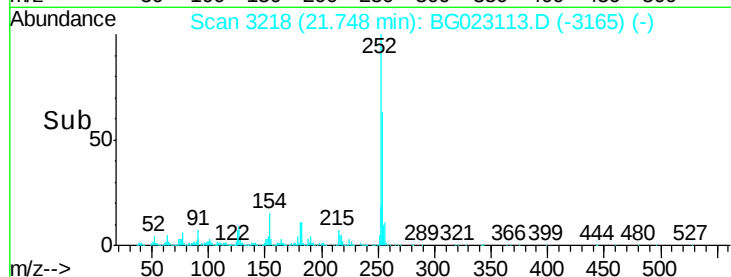
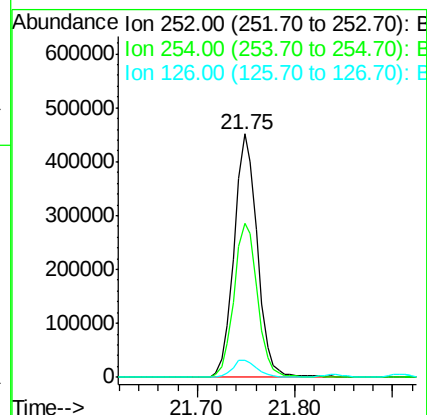
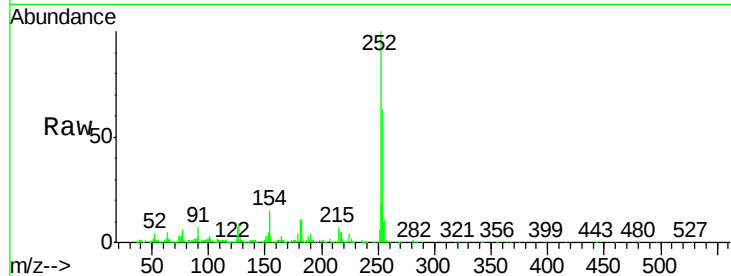




#81
 3,3'-Dichlorobenzidine
 Concen: 33.97 ng
 RT: 21.75 min Scan# 3218
 Delta R.T. 0.01 min
 Lab File: BG023113.D
 Acq: 15 Jul 2016 14:45

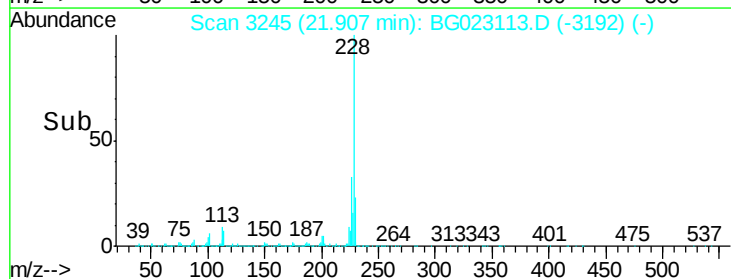
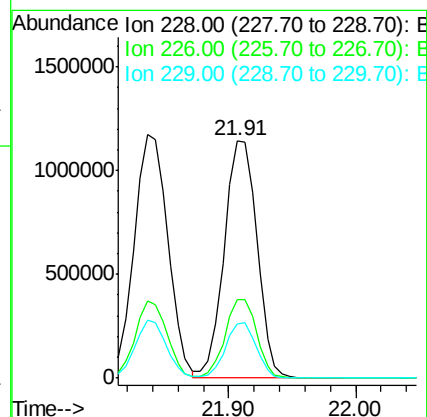
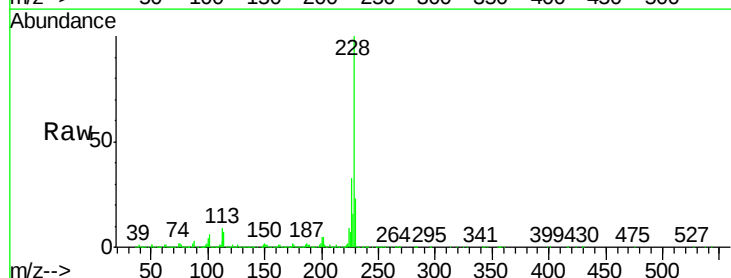
Instrument :
 BNA_G
 ClientSampleId :
 PB92146BS

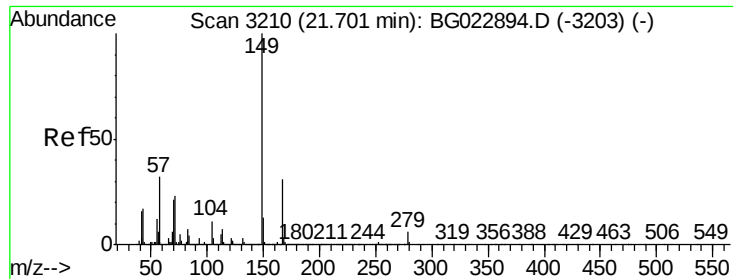
Tgt Ion: 252 Resp: 743638
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.2 76.8
 126 7.2 5.3 7.9



#82
 Chrysene
 Concen: 43.69 ng
 RT: 21.91 min Scan# 3245
 Delta R.T. 0.01 min
 Lab File: BG023113.D
 Acq: 15 Jul 2016 14:45

Tgt Ion: 228 Resp: 2043754
 Ion Ratio Lower Upper
 228 100
 226 32.9 26.7 40.1
 229 22.9 17.4 26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.63 ng

RT: 21.72 min Scan# 3213

Delta R.T. 0.02 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Instrument :

BNA_G

ClientSampleId :

PB92146BS

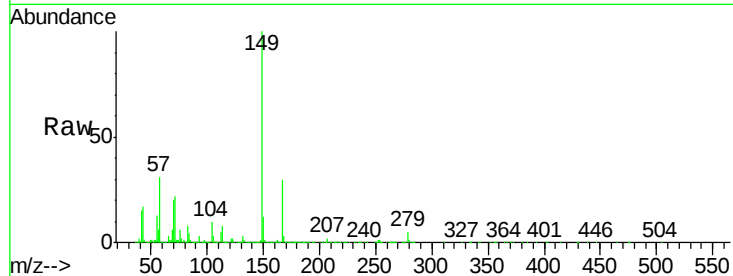
Tgt Ion:149 Resp: 1284636

Ion Ratio Lower Upper

149 100

167 30.0 24.0 36.0

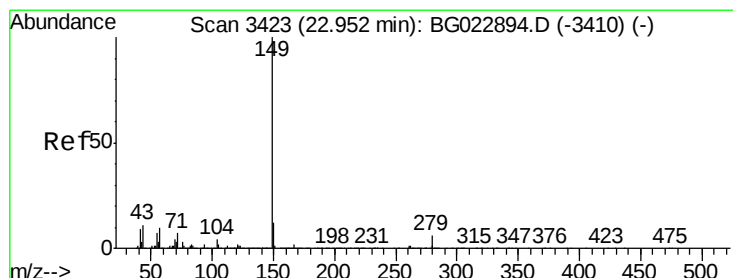
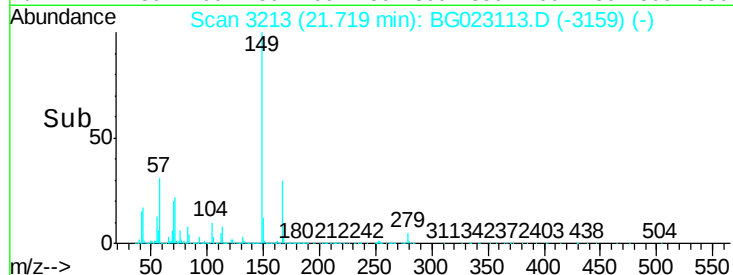
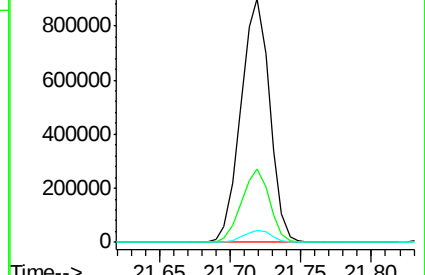
279 5.0 4.8 7.2



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: 46.47 ng

RT: 22.98 min Scan# 3428

Delta R.T. 0.03 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

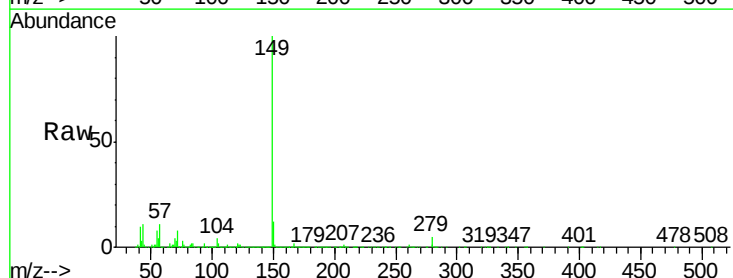
Tgt Ion:149 Resp: 2135220

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

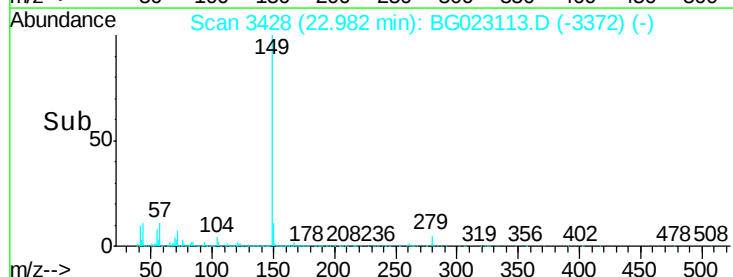
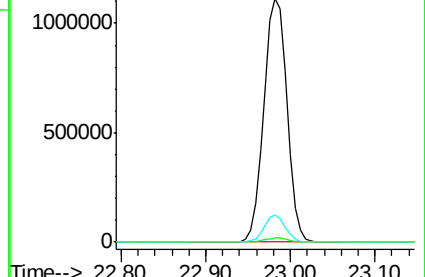
43 10.3 8.8 13.2

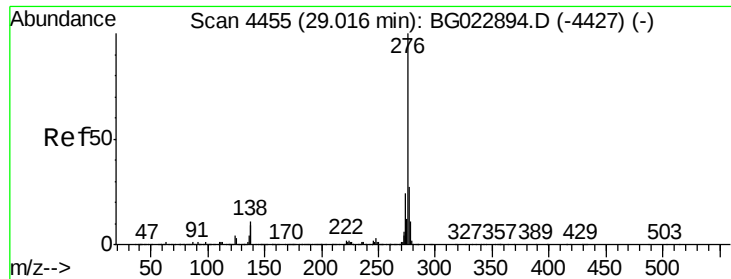


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

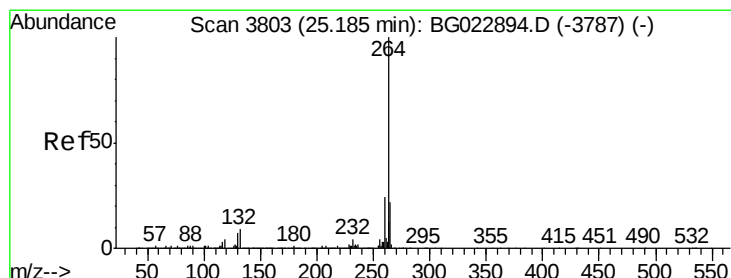
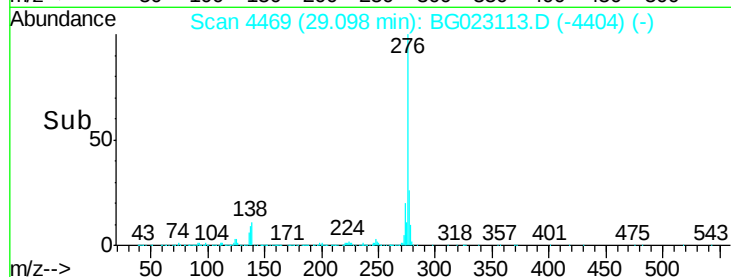
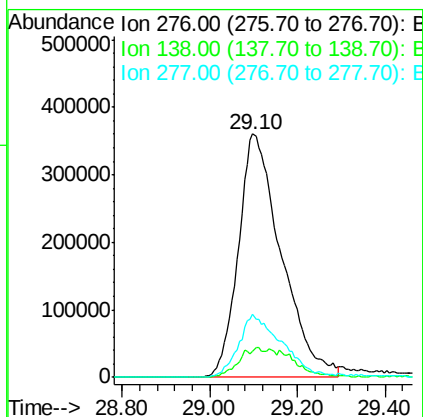
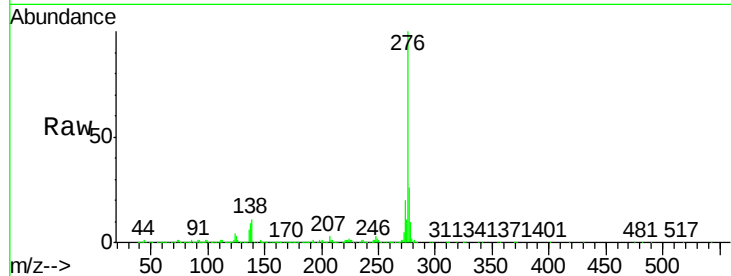




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.23 ng
 RT: 29.10 min Scan# 4469
 Delta R.T. 0.08 min
 Lab File: BG023113.D
 Acq: 15 Jul 2016 14:45

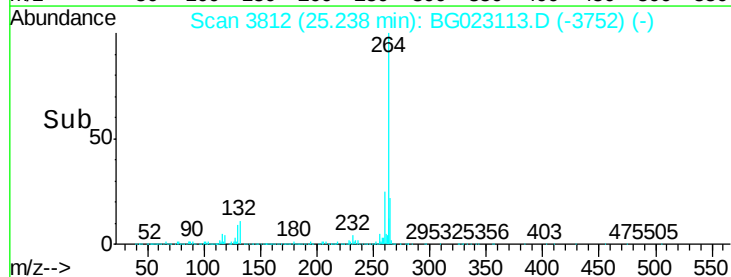
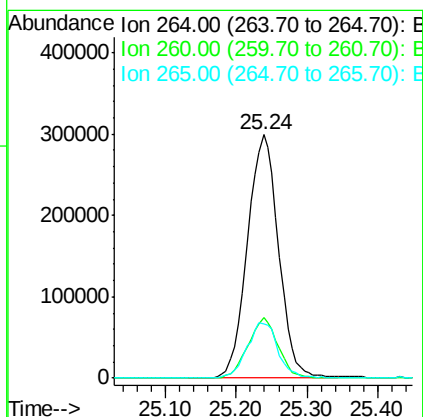
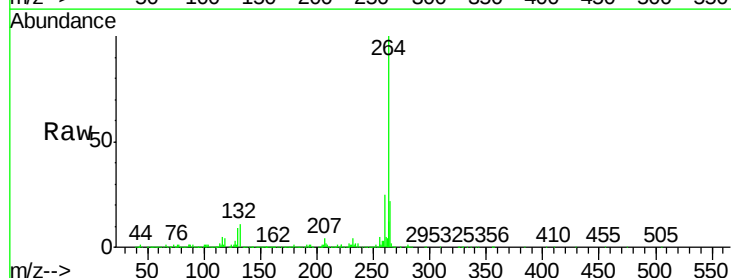
Instrument :
 BNA_G
 ClientSampleId :
 PB92146BS

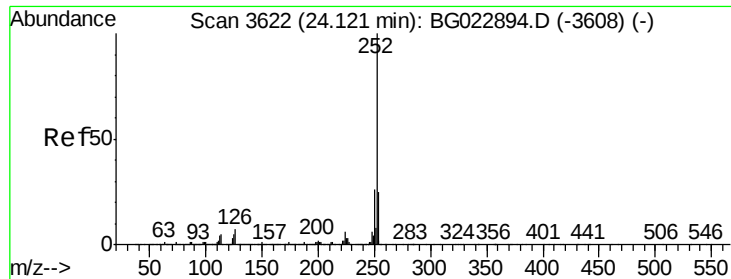
Tgt Ion: 276 Resp: 2399264
 Ion Ratio Lower Upper
 276 100
 138 3.8 0.0 0.0#
 277 26.1 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.24 min Scan# 3812
 Delta R.T. 0.05 min
 Lab File: BG023113.D
 Acq: 15 Jul 2016 14:45

Tgt Ion: 264 Resp: 917964
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.4 27.6
 265 22.2 18.9 28.3

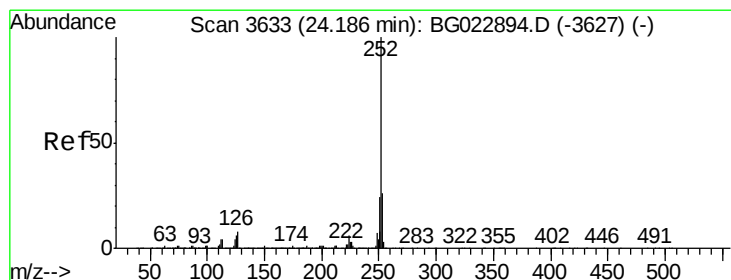
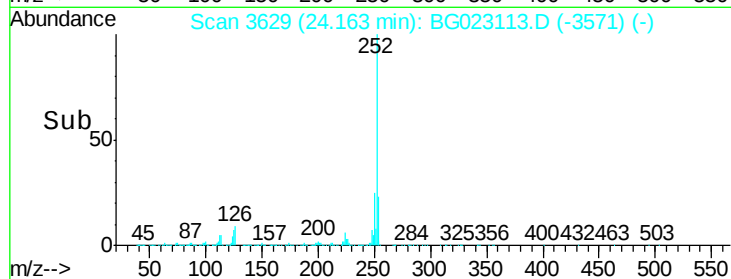
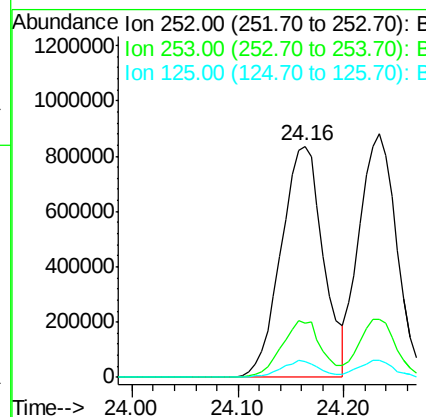
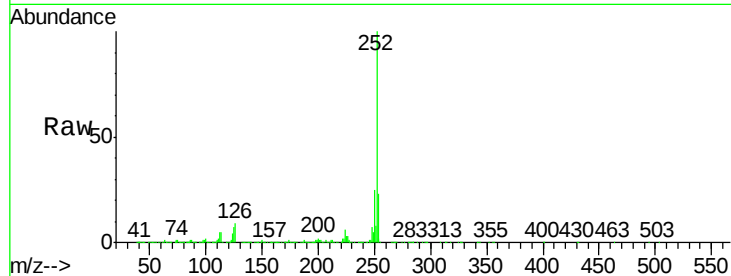




#87
Benzo(b)fluoranthene
Concen: 43.74 ng
RT: 24.16 min Scan# 3629
Delta R.T. 0.04 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

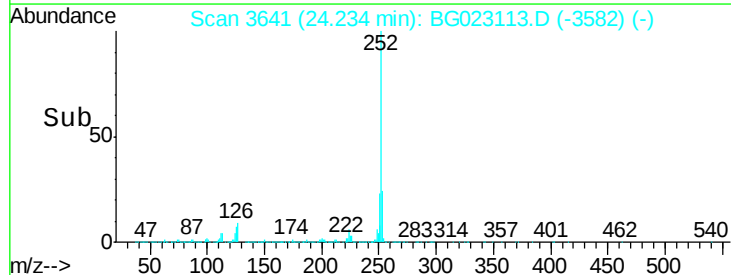
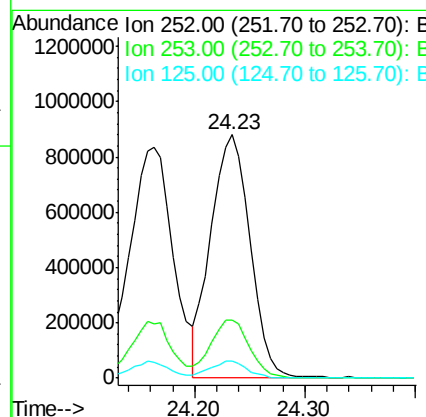
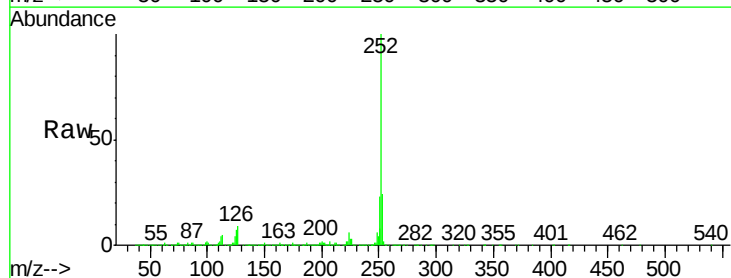
Instrument :
BNA_G
ClientSampleId :
PB92146BS

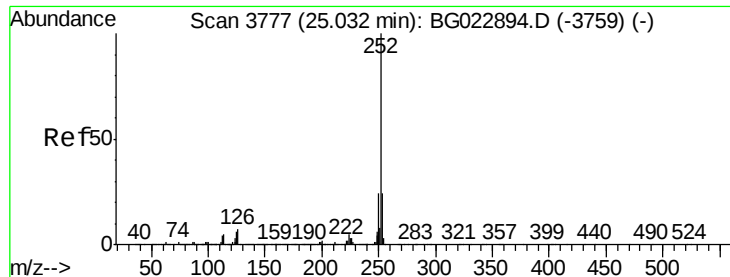
Tgt Ion:252 Resp: 2316685
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 6.7 3.9 5.9#



#88
Benzo(k)fluoranthene
Concen: 42.90 ng
RT: 24.23 min Scan# 3641
Delta R.T. 0.05 min
Lab File: BG023113.D
Acq: 15 Jul 2016 14:45

Tgt Ion:252 Resp: 2156108
Ion Ratio Lower Upper
252 100
253 24.1 18.8 28.2
125 6.8 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 44.08 ng

RT: 25.08 min Scan# 3785

Delta R.T. 0.05 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

Instrument :

BNA_G

ClientSampleId :

PB92146BS

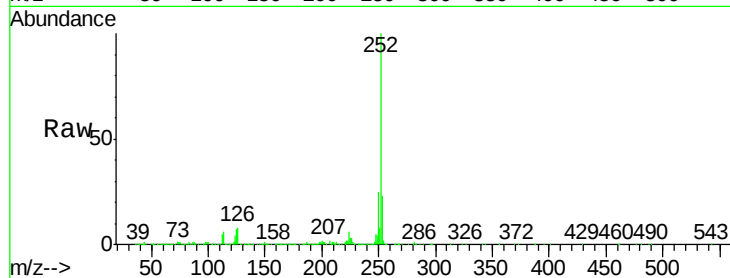
Tgt Ion:252 Resp: 2237967

Ion Ratio Lower Upper

252 100

253 23.4 18.7 28.1

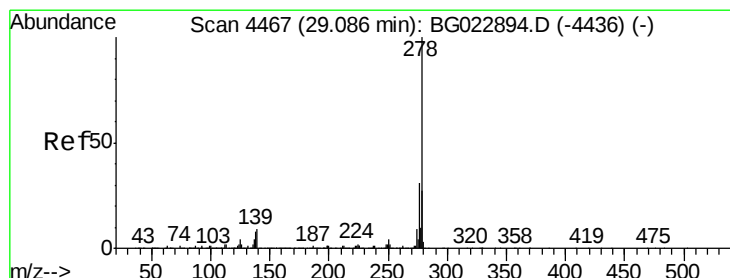
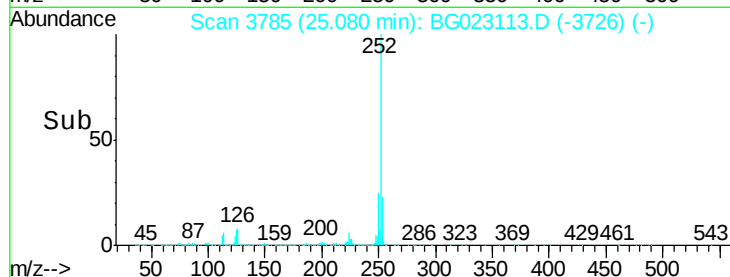
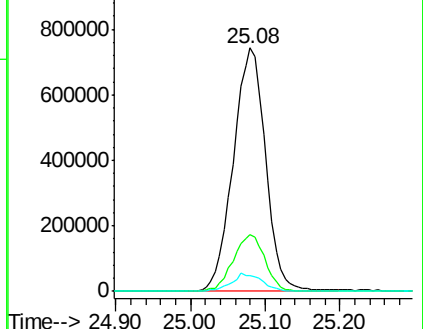
125 6.7 3.9 5.9#



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: 39.62 ng

RT: 29.17 min Scan# 4482

Delta R.T. 0.09 min

Lab File: BG023113.D

Acq: 15 Jul 2016 14:45

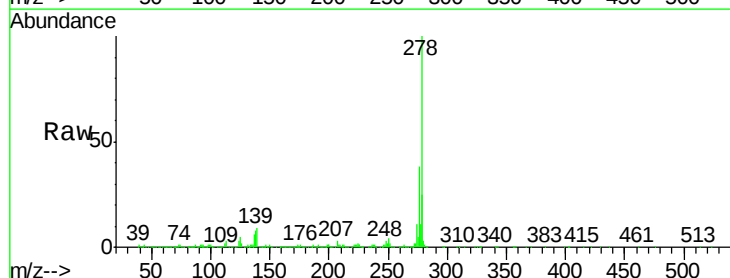
Tgt Ion:278 Resp: 1996145

Ion Ratio Lower Upper

278 100

139 9.3 4.7 7.1#

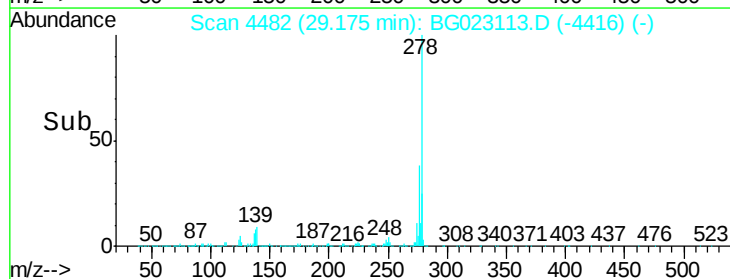
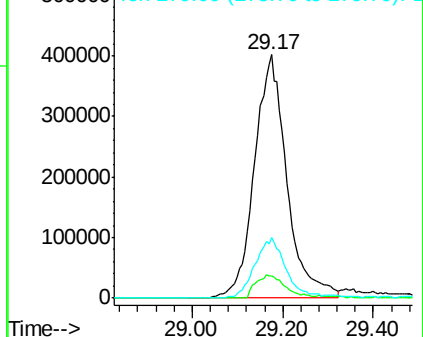
279 25.1 18.3 27.5

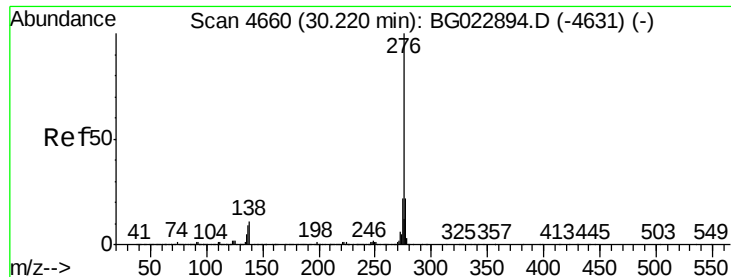


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 37.62 ng
 RT: 30.31 min Scan# 4675
 Delta R.T. 0.09 min
 Lab File: BG023113.D
 Acq: 15 Jul 2016 14:45

Instrument :
 BNA_G
 ClientSampleId :
 PB92146BS

Tgt Ion:276 Resp: 1898313
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.6 27.8
 138 12.0 6.8 10.2#

