

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
 Data File : BG023033.D
 Acq On : 12 Jul 2016 12:45
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 12 15:44:29 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	112402	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	560091	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	431505	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	969645	20.00	ng	0.00
75) Chrysene-d12	21.88	240	1074433	20.00	ng	0.03
86) Perylene-d12	25.26	264	1099460	20.00	ng	0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	554028	80.61	ng	0.00
7) Phenol-d6	7.30	99	921575	85.62	ng	0.00
23) Nitrobenzene-d5	9.33	82	1029201	78.68	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	498442	64.27	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2090344	76.30	ng	0.00
78) Terphenyl-d14	20.17	244	2790023	80.84	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	106621	39.91	ng	95
3) Pyridine	3.97	79	368436	40.30	ng	95
4) n-Nitrosodimethylamine	3.89	42	161965	41.30	ng	# 86
6) Aniline	7.47	93	591140	39.63	ng	96
8) 2-Chlorophenol	7.71	128	309303	42.29	ng	96
9) Benzaldehyde	7.28	77	294816	40.99	ng	94
10) Phenol	7.33	94	468843	42.33	ng	90
11) bis(2-Chloroethyl)ether	7.56	93	342405	39.01	ng	90
12) 1,3-Dichlorobenzene	8.04	146	357301	39.91	ng	98
13) 1,4-Dichlorobenzene	8.19	146	367123	40.96	ng	95
14) 1,2-Dichlorobenzene	8.51	146	360628	40.47	ng	94
15) Benzyl Alcohol	8.39	79	414500	42.04	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	441618	41.19	ng	98
17) 2-Methylphenol	8.59	107	309598	42.94	ng	95
18) Hexachloroethane	9.24	117	159739	42.22	ng	92
19) n-Nitroso-di-n-propylamine	8.96	70	396346	40.85	ng	96
20) 3+4-Methylphenols	8.93	107	436396	43.40	ng	96
22) Acetophenone	8.98	105	631136	37.55	ng	# 94
24) Nitrobenzene	9.37	77	541987	38.99	ng	95
25) Isophorone	9.89	82	967264	36.77	ng	96
26) 2-Nitrophenol	10.08	139	217355	39.85	ng	92
27) 2,4-Dimethylphenol	10.14	122	352563	37.40	ng	90
28) bis(2-Chloroethoxy)methane	10.37	93	553001	37.69	ng	99
29) 2,4-Dichlorophenol	10.62	162	399962	39.78	ng	100
30) 1,2,4-Trichlorobenzene	10.84	180	454432	39.44	ng	98
31) Naphthalene	11.04	128	1133424	39.75	ng	99
32) Benzoic acid	10.29	122	316479	36.90	ng	88
33) 4-Chloroaniline	11.14	127	535283	38.39	ng	98
34) Hexachlorobutadiene	11.31	225	347807	37.24	ng	96
35) Caprolactam	11.92	113	132129	31.94	ng	# 86
36) 4-Chloro-3-methylphenol	12.26	107	519743	37.79	ng	95
37) 2-Methylnaphthalene	12.63	142	886181	39.33	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	703120	37.81	ng	96
40) Hexachlorocyclopentadiene	12.97	237	460196	42.99	ng	98

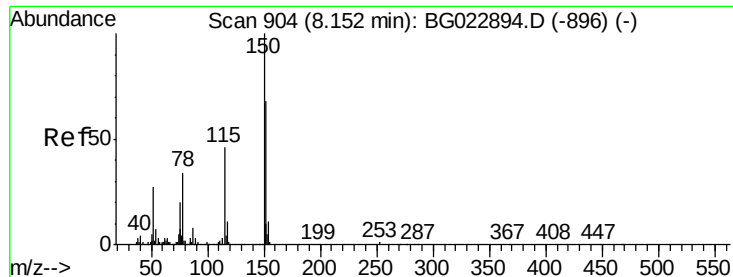
Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
 Data File : BG023033.D
 Acq On : 12 Jul 2016 12:45
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 12 15:44:29 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	395051	36.96	nq	99
43) 2,4,5-Trichlorophenol	13.31	196	405958	36.99	nq	92
45) 1,1'-Biphenyl	13.63	154	1281407	39.58	nq	96
46) 2-Chloronaphthalene	13.68	162	1030956	39.25	nq	97
47) 2-Nitroaniline	13.89	65	439827	39.25	nq	97
48) Acenaphthylene	14.53	152	1517269	38.51	nq	99
49) Dimethylphthalate	14.25	163	1249044	35.44	nq	97
50) 2,6-Dinitrotoluene	14.37	165	291181	36.76	nq	85
51) Acenaphthene	14.87	154	978713	38.02	nq	99
52) 3-Nitroaniline	14.71	138	298473	37.79	nq	91
53) 2,4-Dinitrophenol	14.91	184	252596	46.47	nq	95
54) Dibenzofuran	15.20	168	1423020	36.93	nq	99
55) 4-Nitrophenol	15.02	139	212261	32.06	nq	95
56) 2,4-Dinitrotoluene	15.17	165	411879	35.66	nq	96
57) Fluorene	15.85	166	1212491	36.56	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	375761	34.22	nq	97
59) Diethylphthalate	15.61	149	1277782	35.63	nq	99
60) 4-Chlorophenyl-phenylether	15.84	204	723080	35.80	nq	98
61) 4-Nitroaniline	15.88	138	307442	35.97	nq	# 85
62) Azobenzene	16.14	77	1318349	38.43	nq	95
64) 4,6-Dinitro-2-methylphenol	15.93	198	254102	35.26	nq	97
65) n-Nitrosodiphenylamine	16.06	169	1135595	40.65	nq	99
66) 4-Bromophenyl-phenylether	16.74	248	474225	37.59	nq	100
67) Hexachlorobenzene	16.86	284	522922	38.12	nq	99
68) Atrazine	17.01	200	473018	38.17	nq	97
69) Pentachlorophenol	17.21	266	308379	34.72	nq	97
70) Phenanthrene	17.61	178	1883602	39.64	nq	98
71) Anthracene	17.70	178	1917262	39.84	nq	99
72) Carbazole	17.97	167	1655791	39.82	nq	99
73) Di-n-butylphthalate	18.51	149	1936070	41.87	nq	100
74) Fluoranthene	19.61	202	2212651	37.94	nq	98
76) Benzidine	19.79	184	807739	26.22	nq	97
77) Pyrene	19.98	202	2284626	37.84	nq	99
79) Butylbenzylphthalate	20.85	149	985424	41.21	nq	95
80) Benzo(a)anthracene	21.85	228	2359458	39.25	nq	98
81) 3,3'-Dichlorobenzidine	21.76	252	1011610	38.34	nq	# 96
82) Chrysene	21.92	228	2223642	39.43	nq	96
83) Bis(2-ethylhexyl)phthalate	21.74	149	1360610	40.97	nq	99
84) Di-n-octyl phthalate	23.00	149	2272900	41.04	nq	99
85) Indeno(1,2,3-cd)pyrene	29.14	276	2671596	37.16	nq	# 100
87) Benzo(b)fluoranthene	24.18	252	2499356	39.40	nq	# 97
88) Benzo(k)fluoranthene	24.26	252	2428156	40.34	nq	# 97
89) Benzo(a)pyrene	25.10	252	2406303	39.57	nq	# 98
90) Dibenzo(a,h)anthracene	29.21	278	2309173	38.26	nq	# 94
91) Benzo(g,h,i)perylene	30.35	276	2254015	37.29	nq	# 94

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

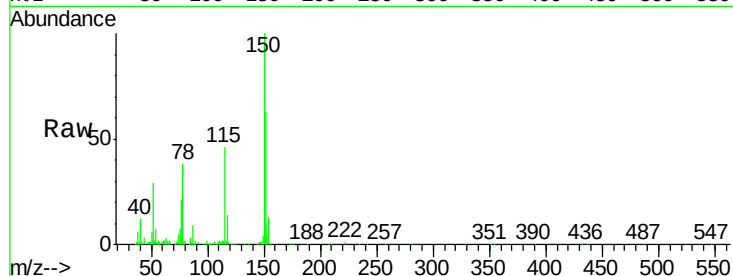


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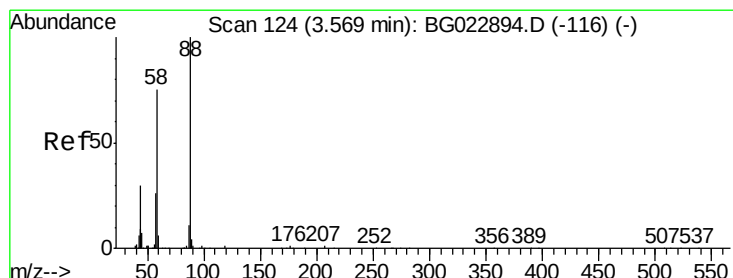
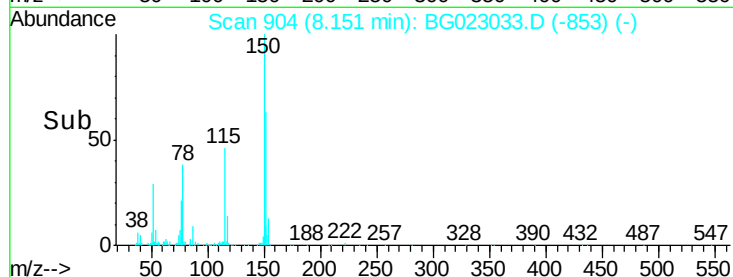
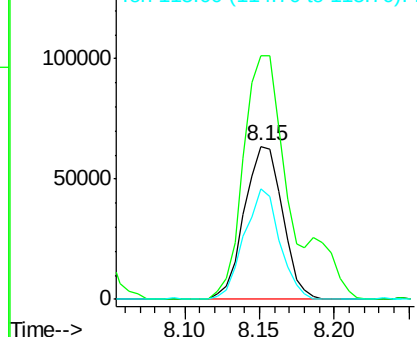
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 112402
Ion Ratio Lower Upper
152 100
150 158.8 144.7 217.1
115 72.3 64.0 96.0



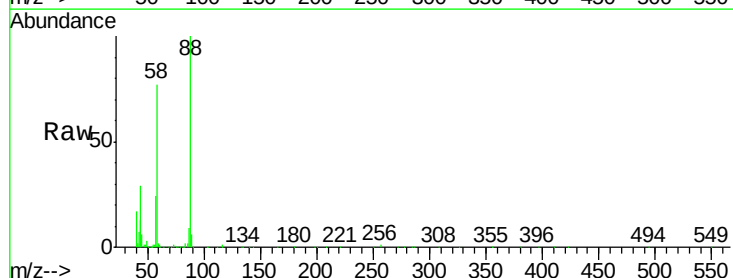
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



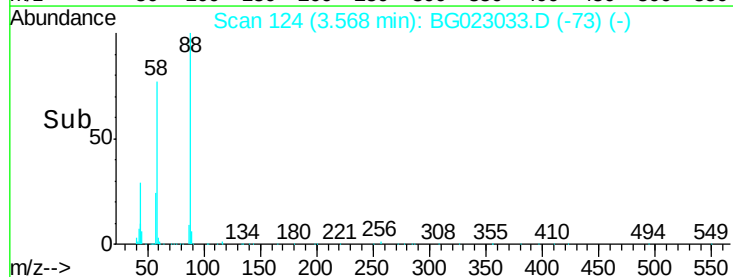
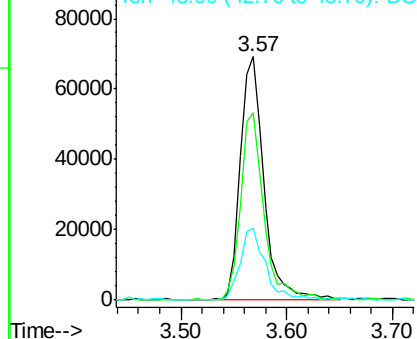
#2

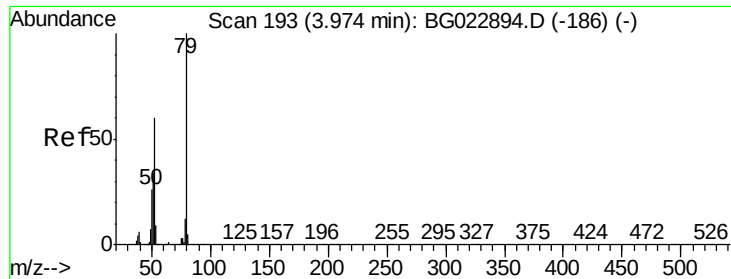
1,4-Dioxane
Concen: 39.91 ng
RT: 3.57 min Scan# 124
Delta R.T. -0.00 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion: 88 Resp: 106621
Ion Ratio Lower Upper
88 100
58 76.7 60.4 90.6
43 31.6 31.1 46.7



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.30 ng

RT: 3.97 min Scan# 192

Delta R.T. -0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

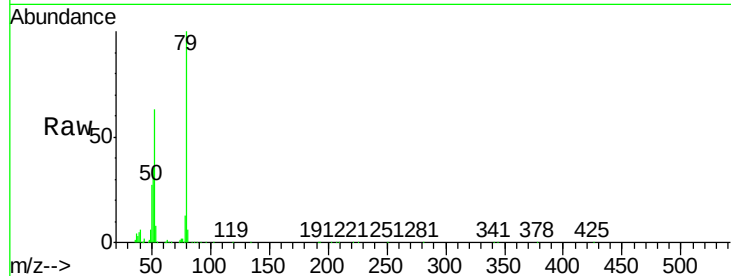
Tot Ion: 79 Resp: 368436

Ion Ratio Lower Upper

79 100

52 62.6 51.8 77.8

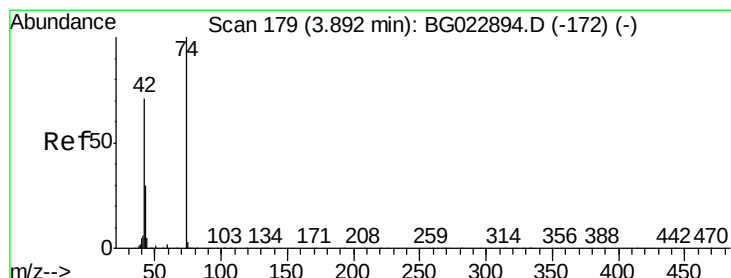
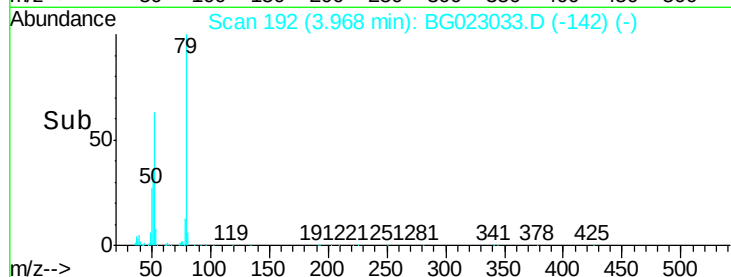
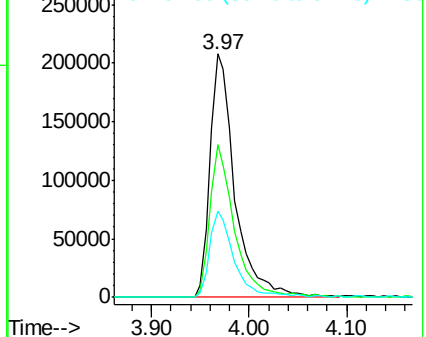
51 35.5 32.7 49.1



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: 41.30 ng

RT: 3.89 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

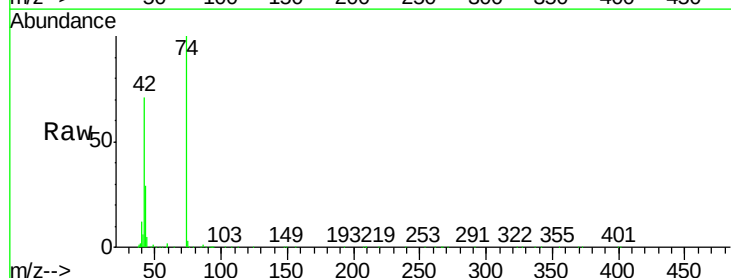
Tgt Ion: 42 Resp: 161965

Ion Ratio Lower Upper

42 100

74 141.8 100.6 150.8

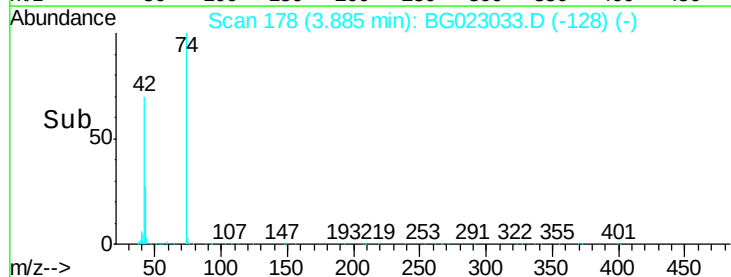
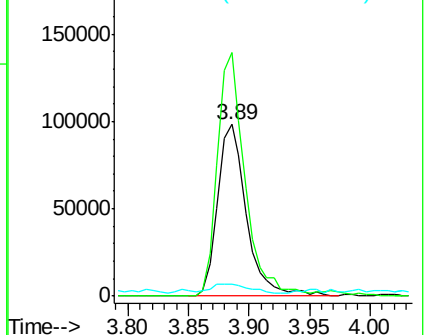
44 7.0 4.5 6.7#

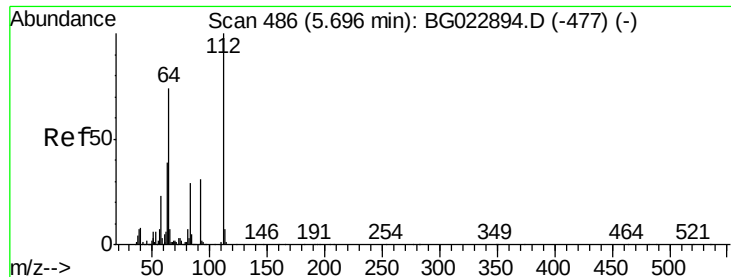


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 80.61 ng

RT: 5.70 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

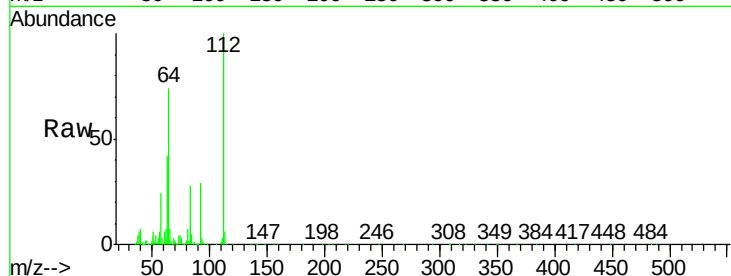
Tot Ion:112 Resp: 554028

Ion Ratio Lower Upper

112 100

64 73.6 59.0 88.4

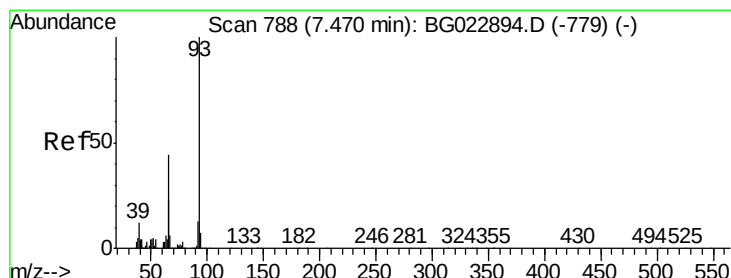
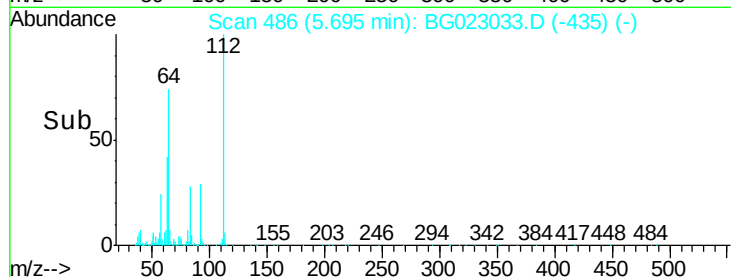
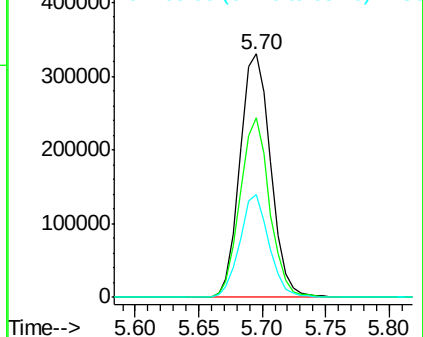
63 42.1 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.63 ng

RT: 7.47 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

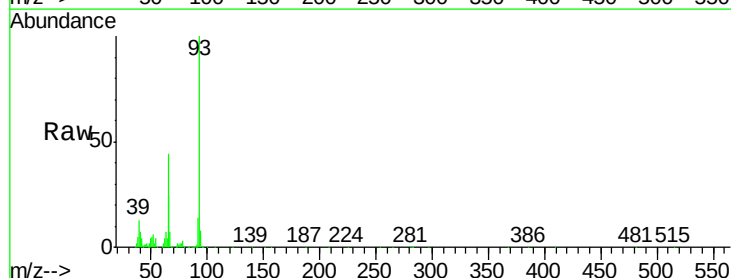
Tgt Ion: 93 Resp: 591140

Ion Ratio Lower Upper

93 100

66 43.6 37.5 56.3

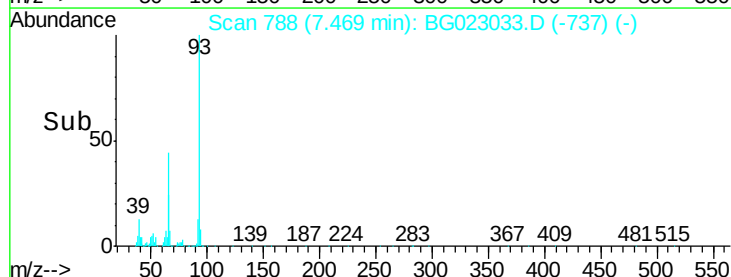
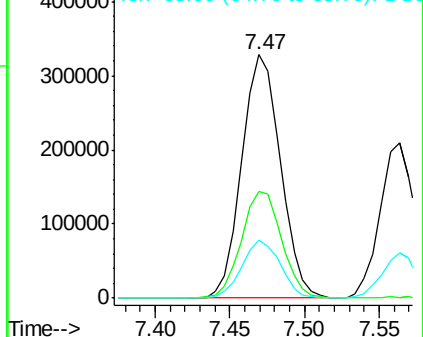
65 24.0 17.9 26.9

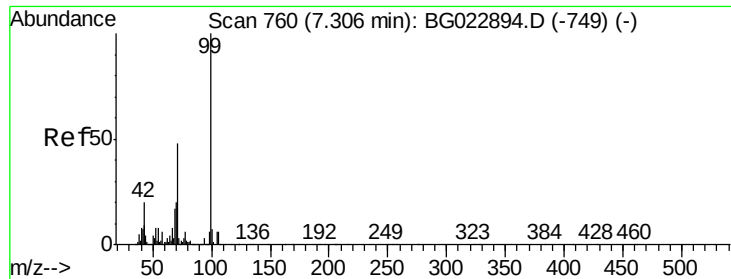


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.62 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

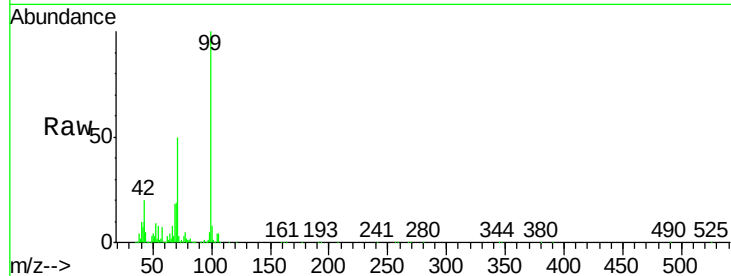
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 921575

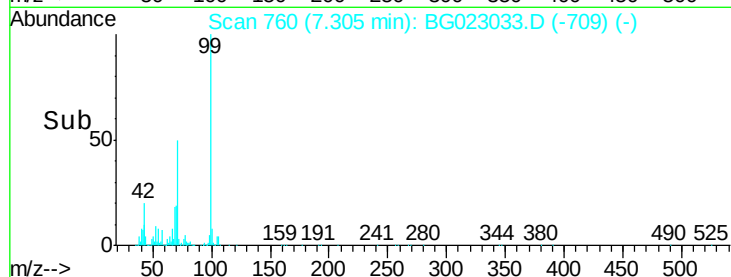
Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.8	26.6
71	49.6	41.5	62.3



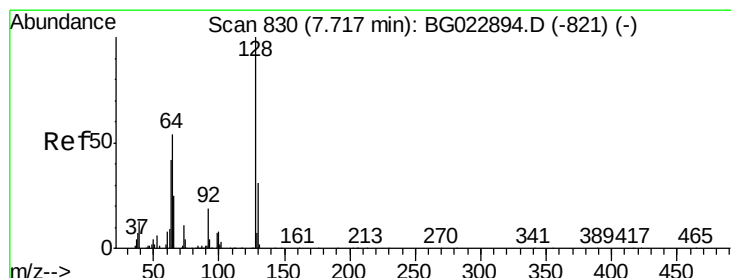
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time--> 7.20 7.25 7.30 7.35 7.40



#8

2-Chlorophenol

Concen: 42.29 ng

RT: 7.71 min Scan# 829

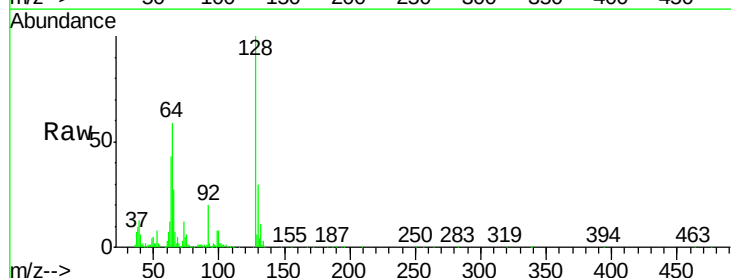
Delta R.T. -0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Tgt Ion: 128 Resp: 309303

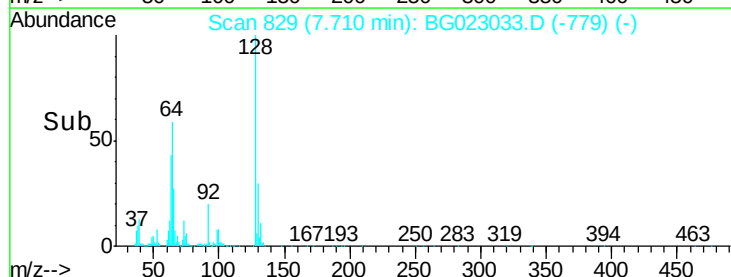
Ion	Ratio	Lower	Upper
128	100		
130	29.5	12.9	52.9
64	59.2	42.0	82.0



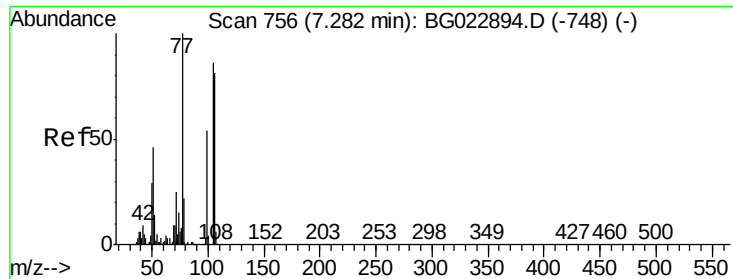
Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



Time--> 7.60 7.65 7.70 7.75 7.80



#9

Benzaldehyde

Concen: 40.99 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

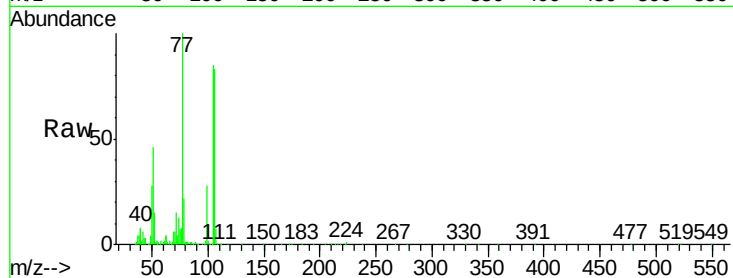
Tot Ion: 77 Resp: 294816

Ion Ratio Lower Upper

77 100

105 85.0 58.7 98.7

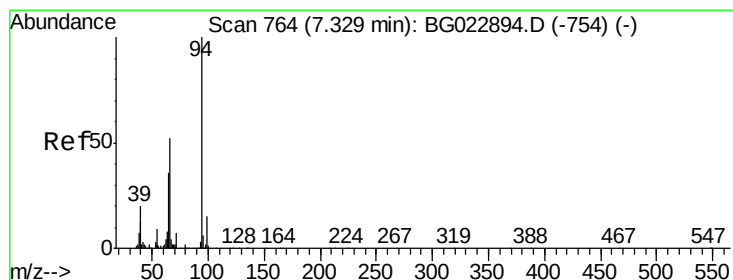
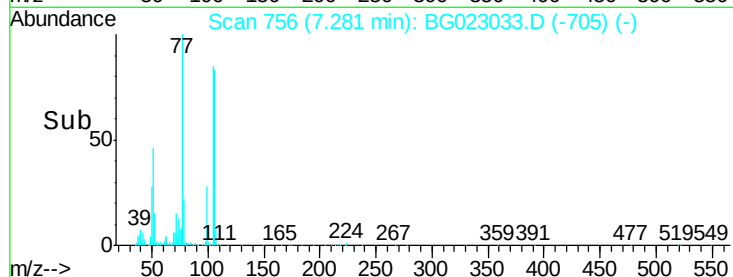
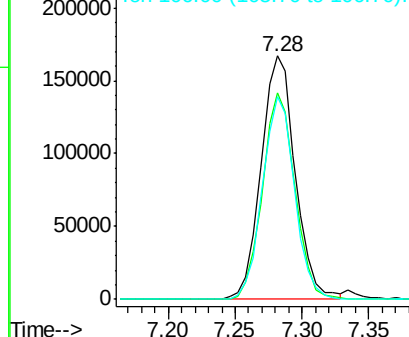
106 83.4 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.33 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

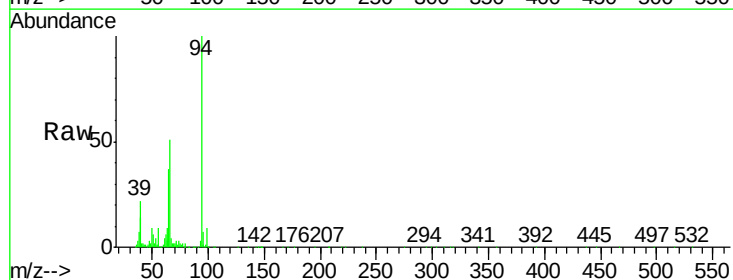
Tgt Ion: 94 Resp: 468843

Ion Ratio Lower Upper

94 100

65 36.8 18.1 58.1

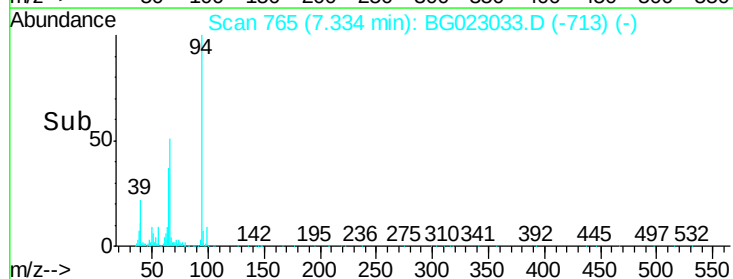
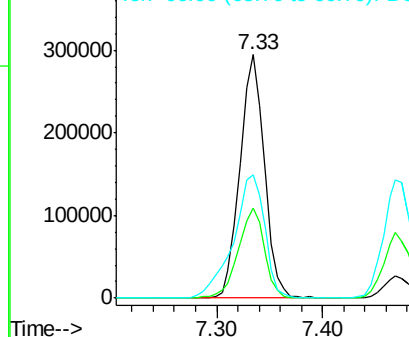
66 50.7 42.1 82.1

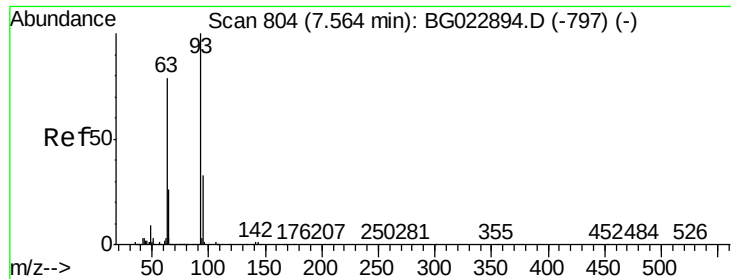


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

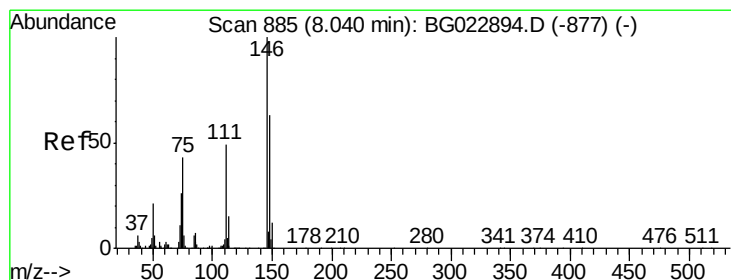
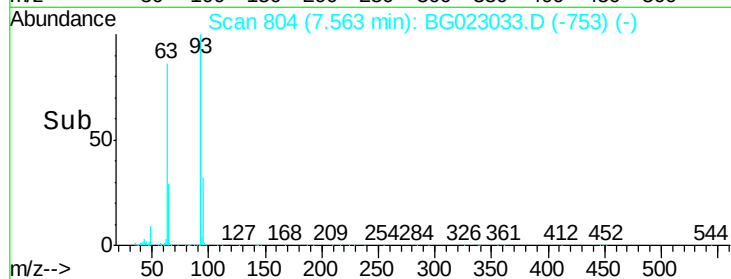
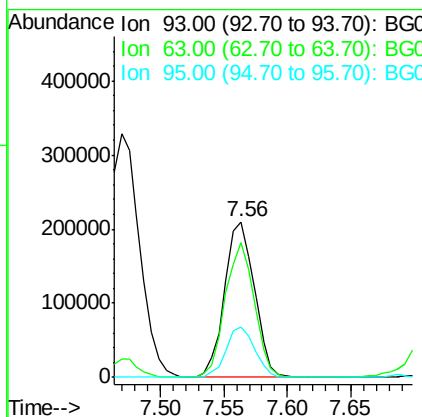
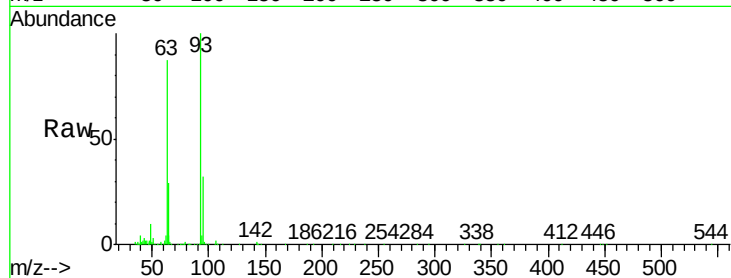




#11
bis(2-Chloroethyl)ether
Concen: 39.01 ng
RT: 7.56 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

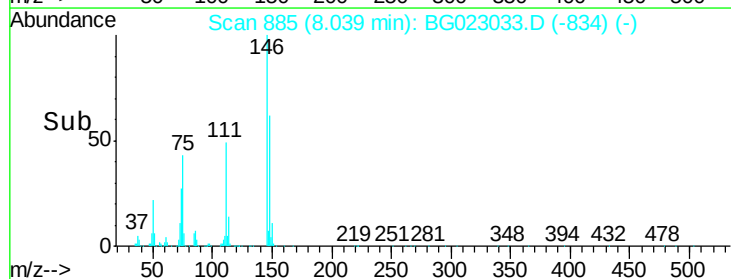
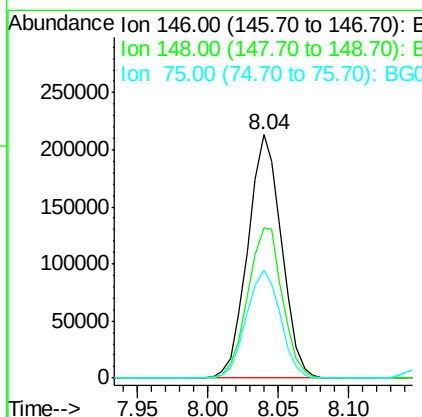
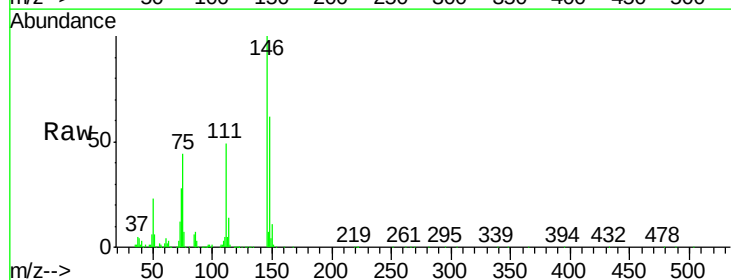
Instrument :
BNA_G
ClientSampleId :

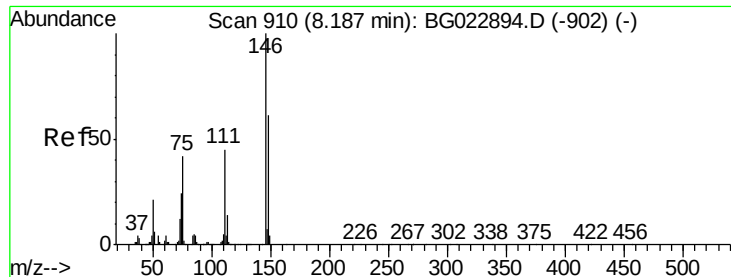
Tot Ion	Ratio	Lower	Upper
93	100		
63	86.6	55.0	95.0
95	31.9	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 39.91 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.00 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	50.3	75.5
75	44.1	37.0	55.6

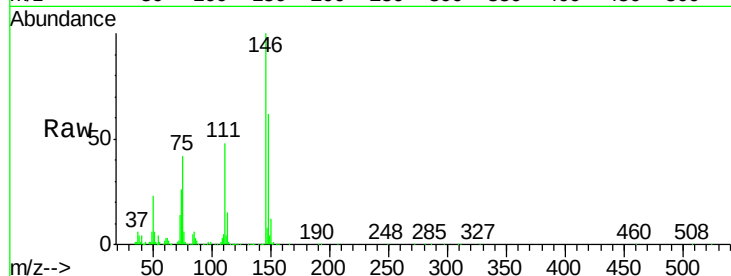




#13
1,4-Dichlorobenzene
Concen: 40.96 ng
RT: 8.19 min Scan# 910
Delta R.T. -0.00 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	54.5	81.7
111	47.9	37.8	56.8

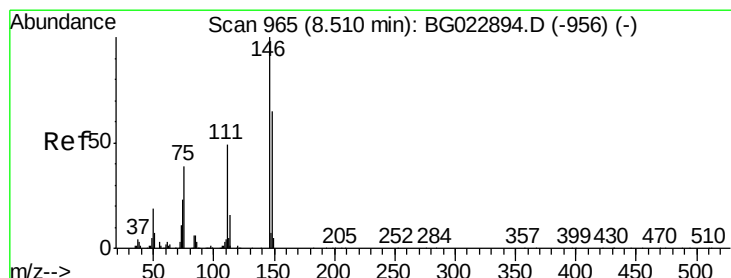
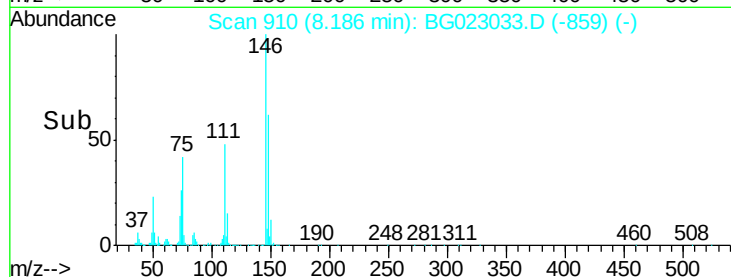
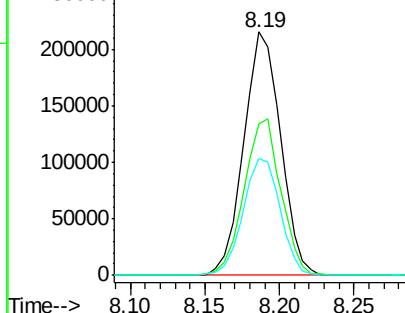


Abundance

Ion 146.00 (145.70 to 146.70): E

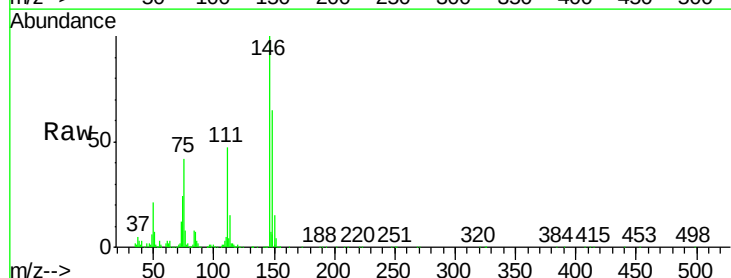
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 40.47 ng
RT: 8.51 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.9	79.3
111	46.5	43.5	65.3

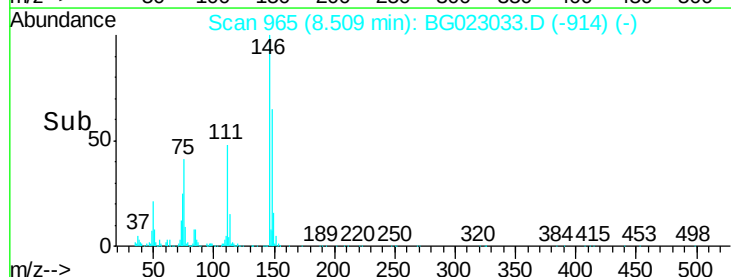
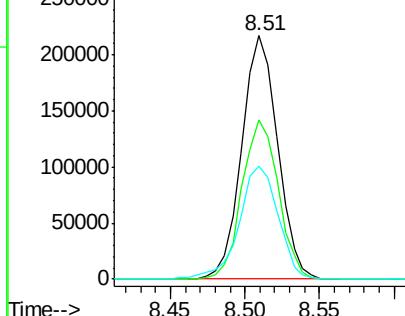


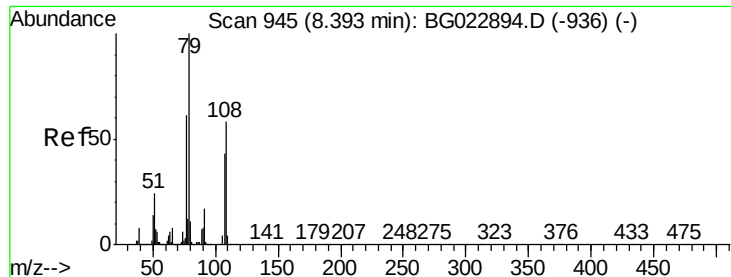
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.04 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

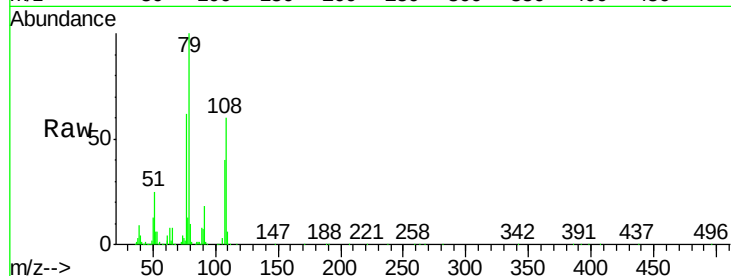
Tot Ion: 79 Resp: 414500

Ion Ratio Lower Upper

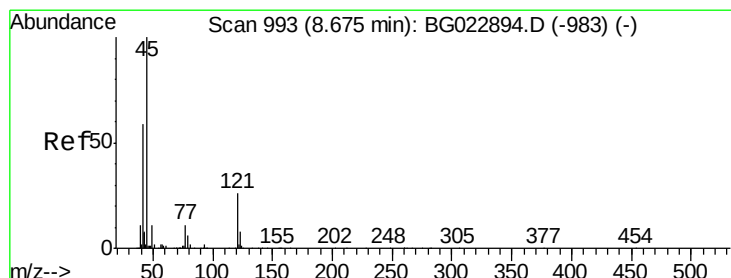
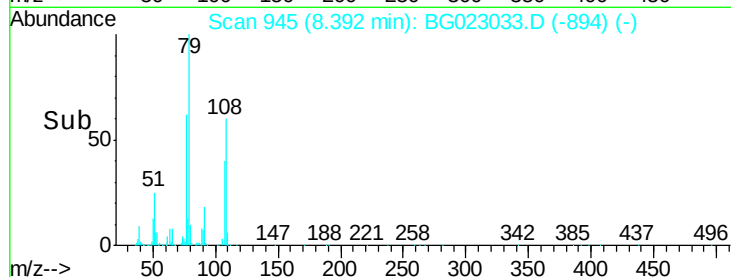
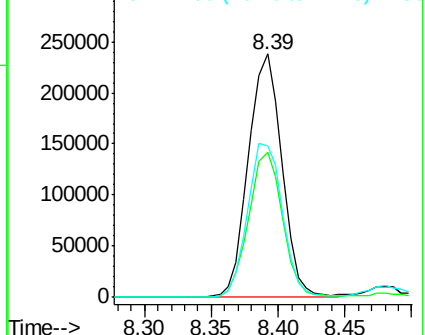
79 100

108 59.7 46.5 69.7

77 62.0 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.19 ng

RT: 8.68 min Scan# 994

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

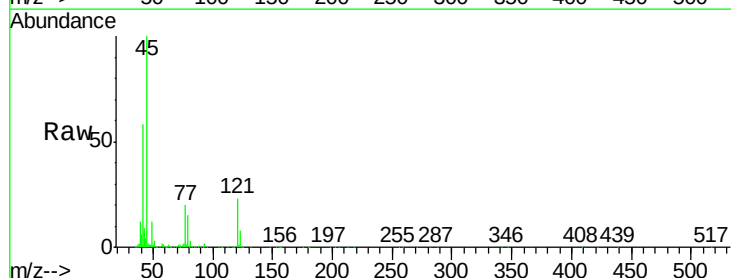
Tgt Ion: 45 Resp: 441618

Ion Ratio Lower Upper

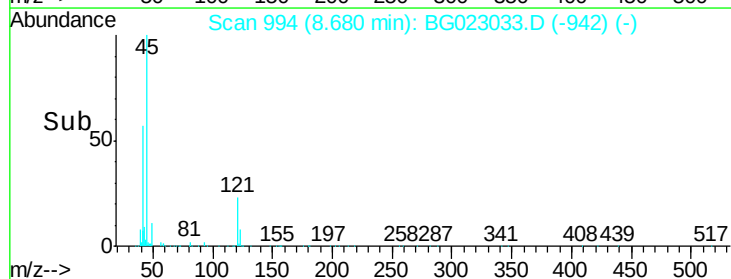
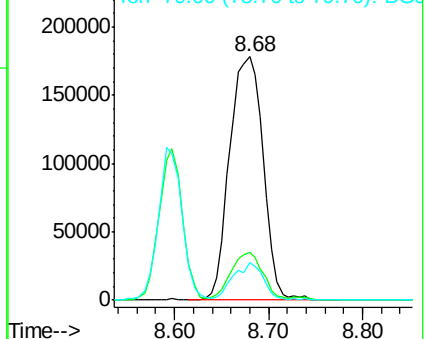
45 100

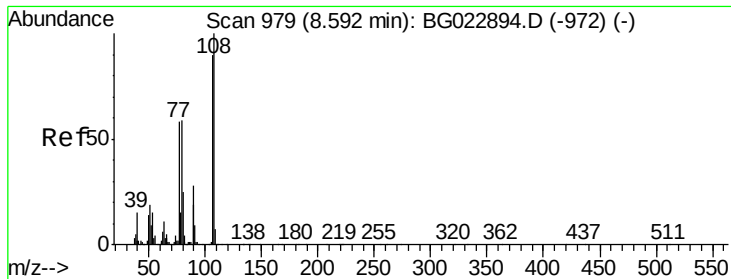
77 19.6 0.6 40.6

79 15.4 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: 42.94 ng

RT: 8.59 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 309598

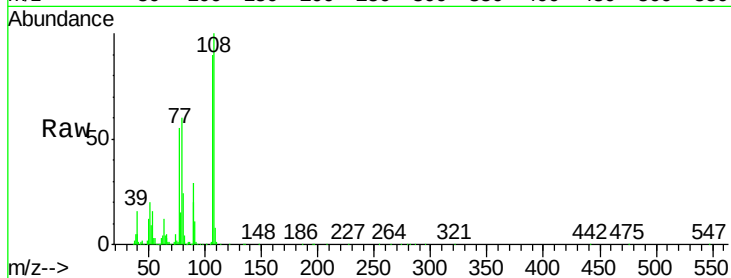
Ion Ratio Lower Upper

107 100

108 111.0 92.0 138.0

77 61.3 55.8 83.6

79 66.9 55.0 82.6

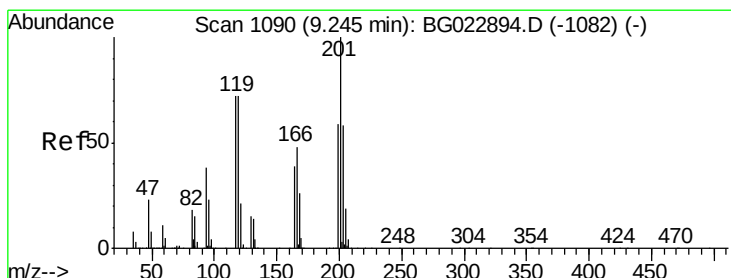
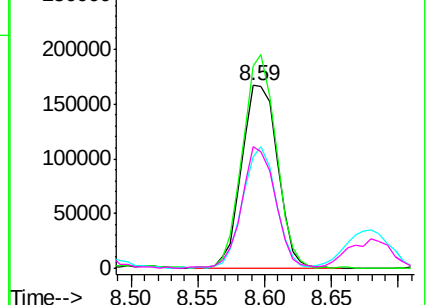
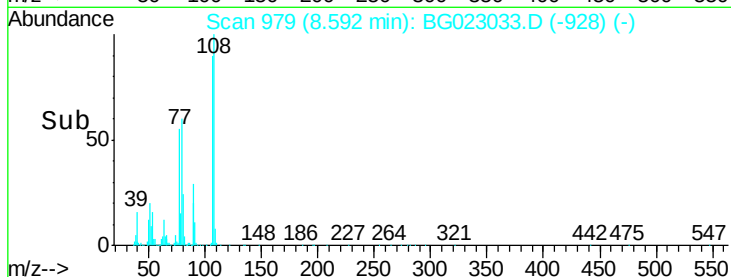


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 42.22 ng

RT: 9.24 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

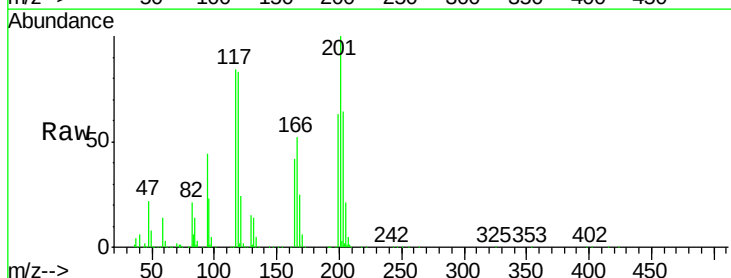
Tgt Ion:117 Resp: 159739

Ion Ratio Lower Upper

117 100

119 98.8 73.7 110.5

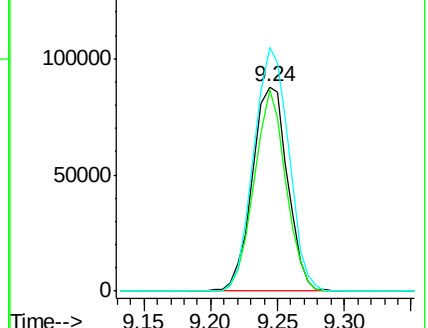
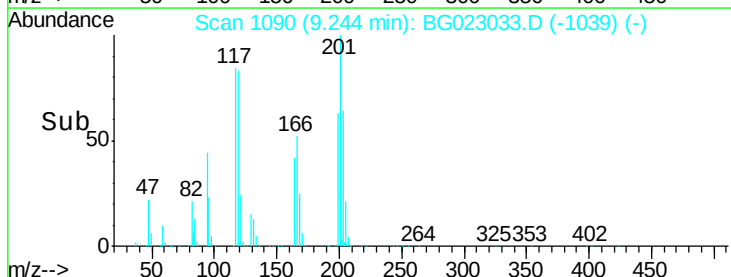
201 119.4 88.7 133.1

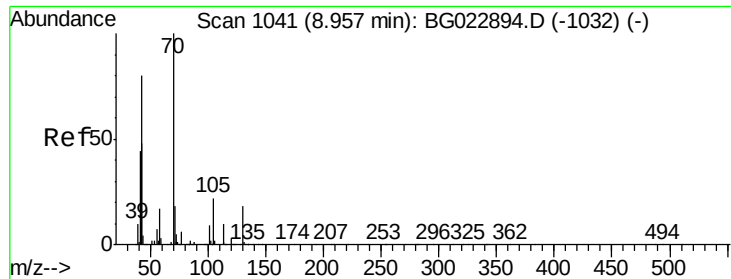


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

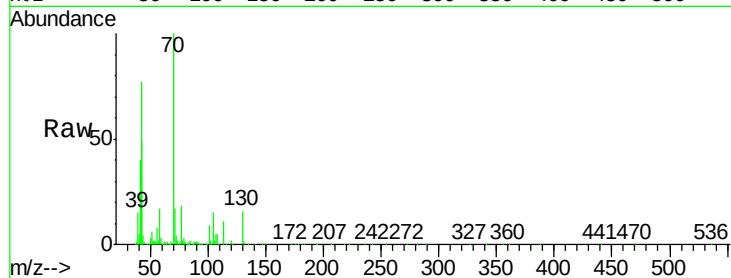




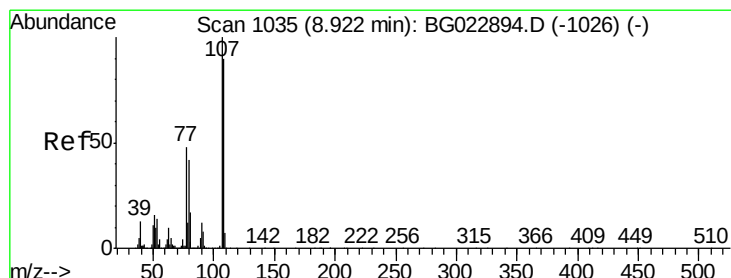
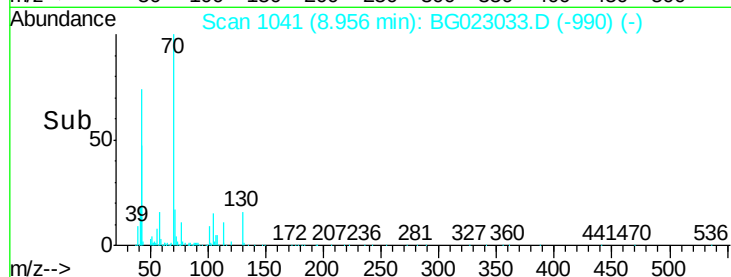
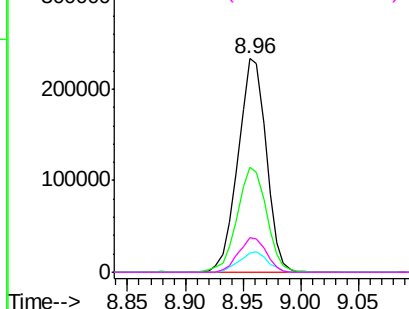
#19
n-Nitroso-di-n-propylamine
Concen: 40.85 ng
RT: 8.96 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	396346
Ion	Ratio	Lower	Upper
70	100		
42	49.0	42.1	63.1
101	9.1	7.2	10.8
130	16.0	14.2	21.2

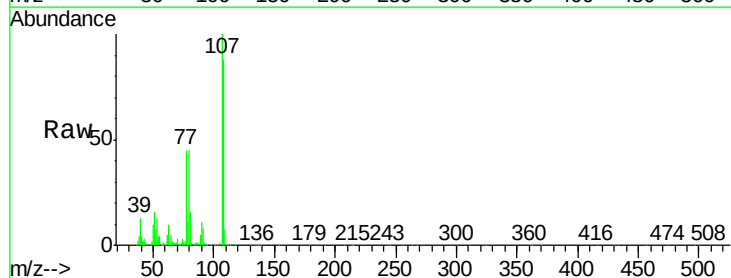


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

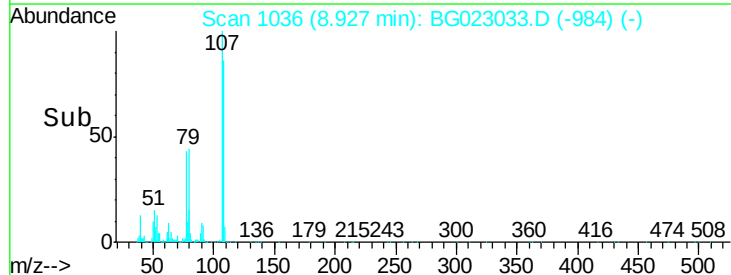
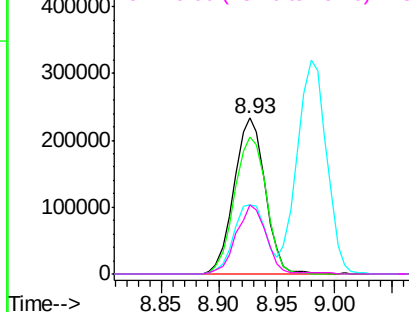


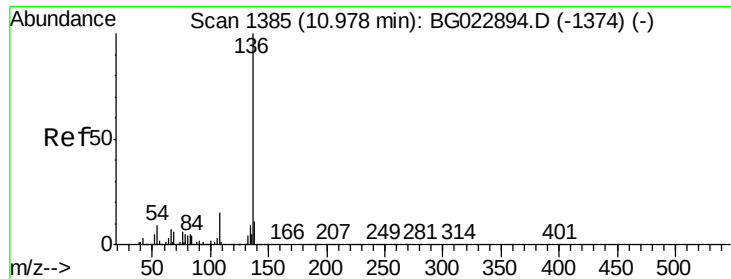
#20
3+4-Methylphenols
Concen: 43.40 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion:	107	Resp:	436396
Ion	Ratio	Lower	Upper
107	100		
108	88.1	72.5	112.5
77	44.7	30.1	70.1
79	44.6	24.2	64.2



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

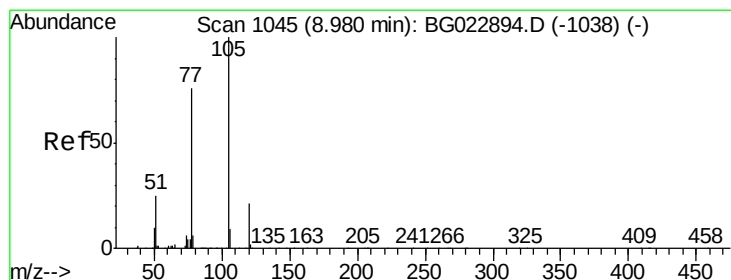
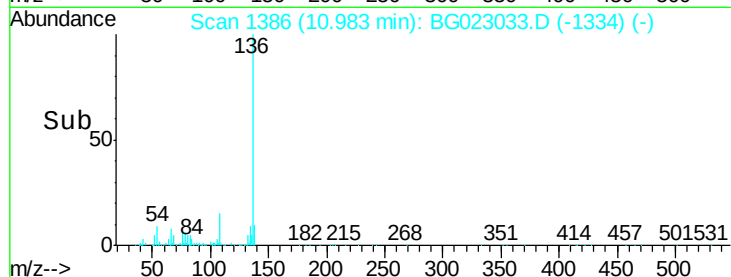
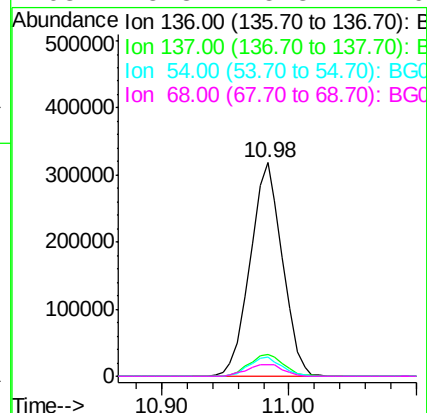
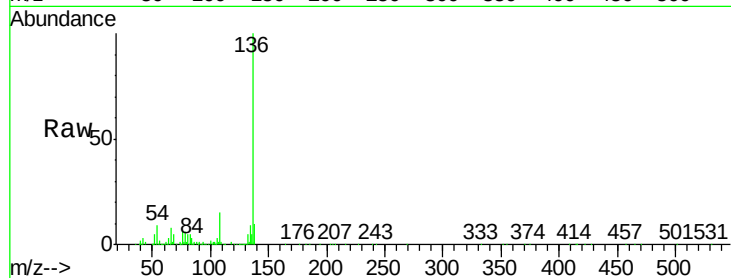




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

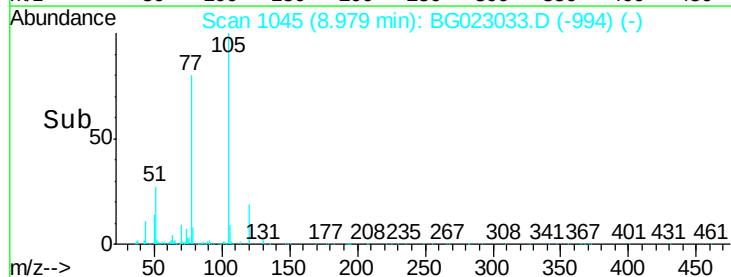
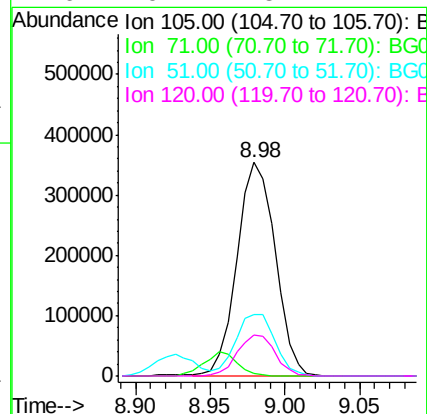
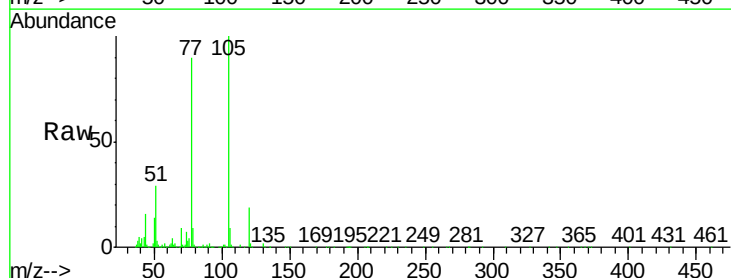
Instrument :
BNA_G
ClientSampled :

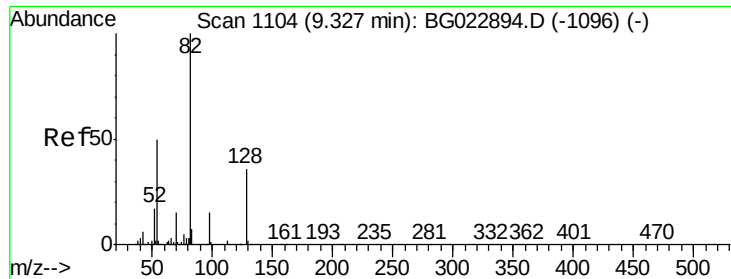
Tot Ion:136	Resp:	560091
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.6 14.4
54	9.1	7.3 10.9
68	5.3	5.3 7.9



#22
Acetophenone
Concen: 37.55 ng
RT: 8.98 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion:105	Resp:	631136
Ion Ratio	Lower	Upper
105	100	
71	1.1	2.6 3.8#
51	28.7	27.1 40.7
120	19.1	15.1 22.7

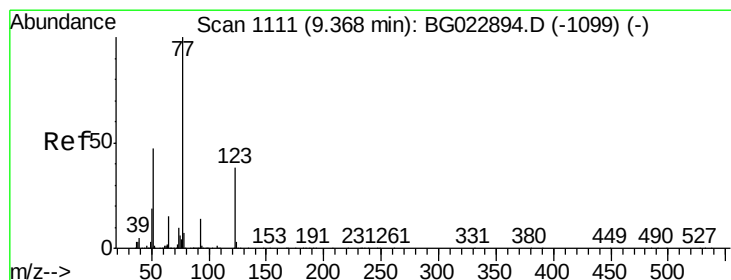
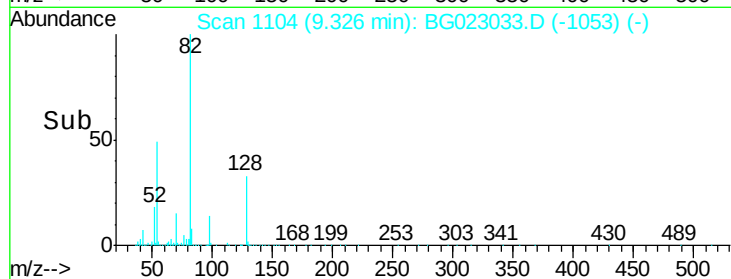
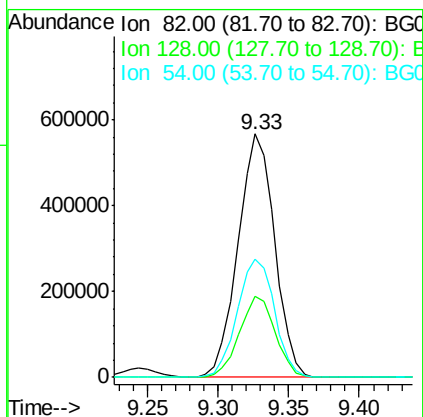
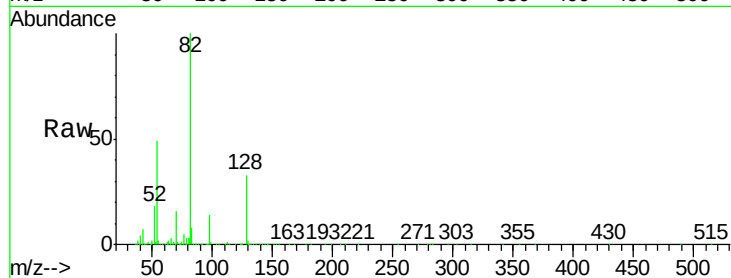




#23
 Nitrobenzene-d5
 Concen: 78.68 ng
 RT: 9.33 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

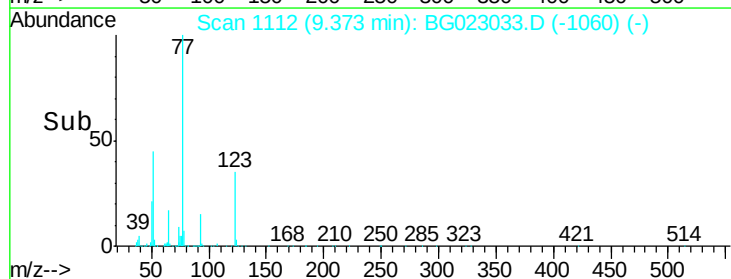
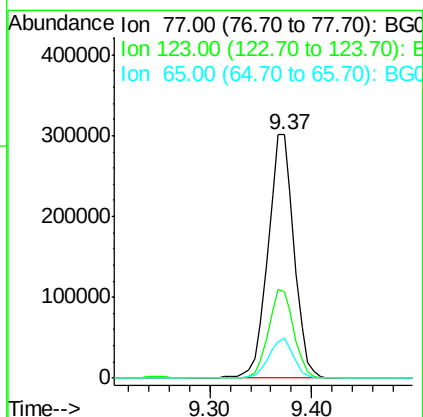
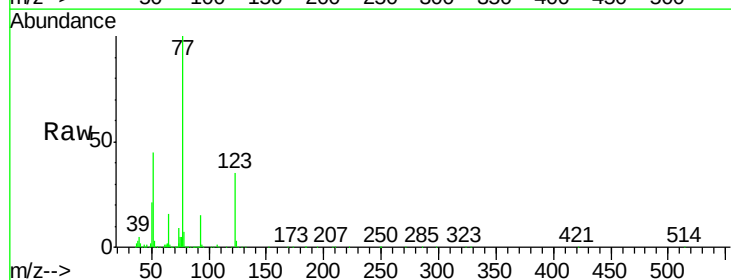
Instrument :
 BNA_G
 ClientSampleId :

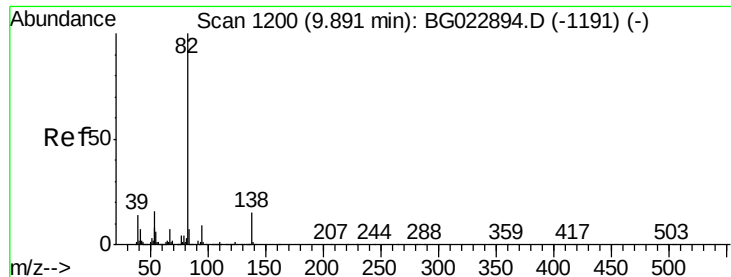
Tot Ion: 82 Resp: 1029201
 Ion Ratio Lower Upper
 82 100
 128 33.3 24.4 36.6
 54 48.7 41.4 62.0



#24
 Nitrobenzene
 Concen: 38.99 ng
 RT: 9.37 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Tgt Ion: 77 Resp: 541987
 Ion Ratio Lower Upper
 77 100
 123 35.4 25.0 37.6
 65 16.5 13.4 20.0

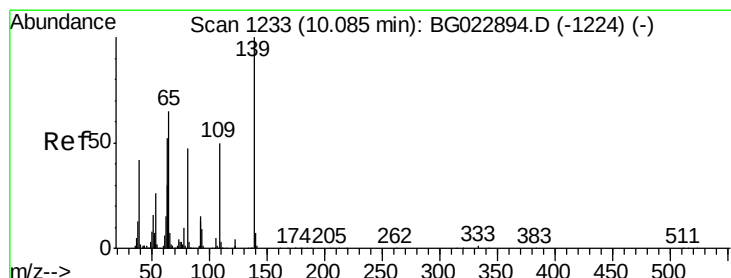
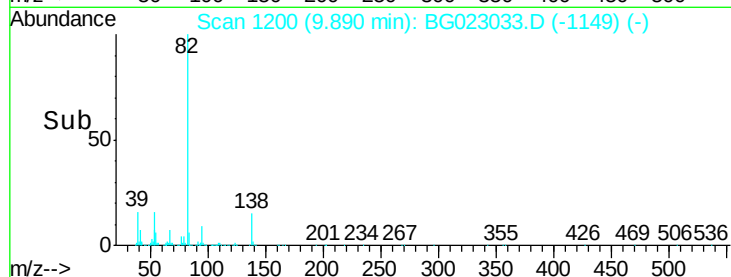
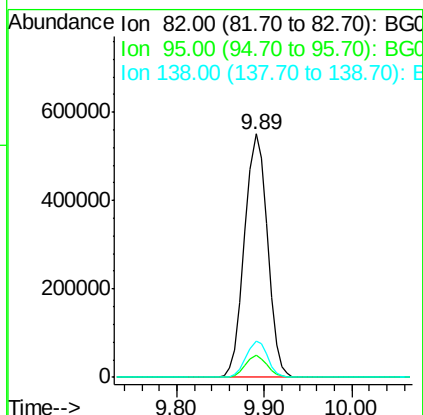
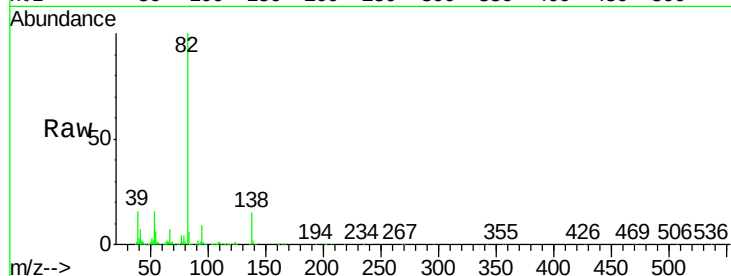




#25
Isophorone
Concen: 36.77 ng
RT: 9.89 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

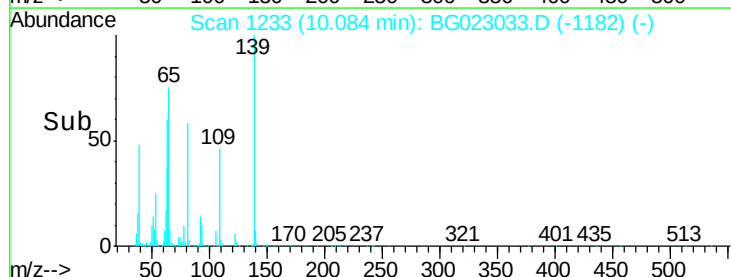
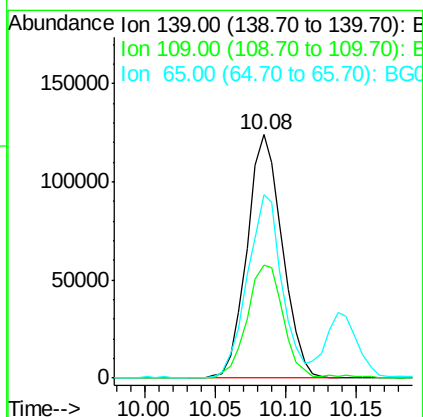
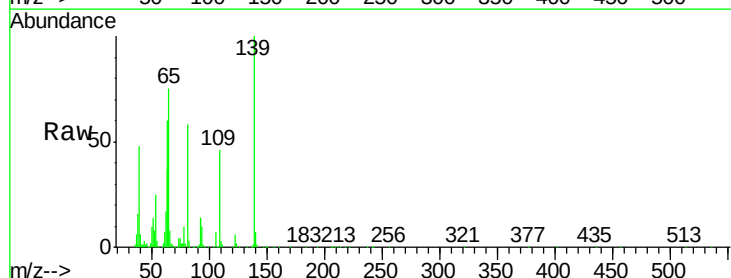
Instrument :
BNA_G
ClientSampleId :

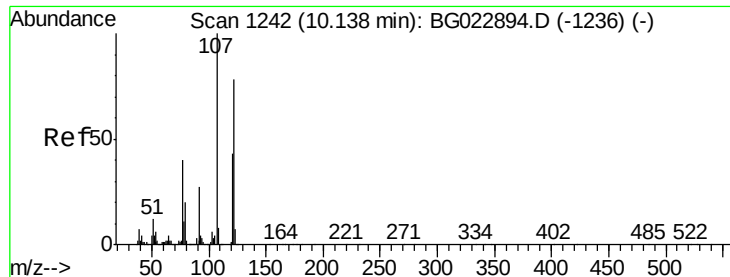
Tot Ion	82	Resp	967264
Ion Ratio	Lower	Upper	
82	100		
95	8.9	8.2	12.2
138	14.9	10.7	16.1



#26
2-Nitrophenol
Concen: 39.85 ng
RT: 10.08 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion	139	Resp	217355
Ion Ratio	Lower	Upper	
139	100		
109	46.3	43.5	65.3
65	75.4	64.3	96.5





#27

2,4-Dimethylphenol

Concen: 37.40 ng

RT: 10.14 min Scan# 1242

Delta R.T. -0.00 min

Lab File: BG023033.D

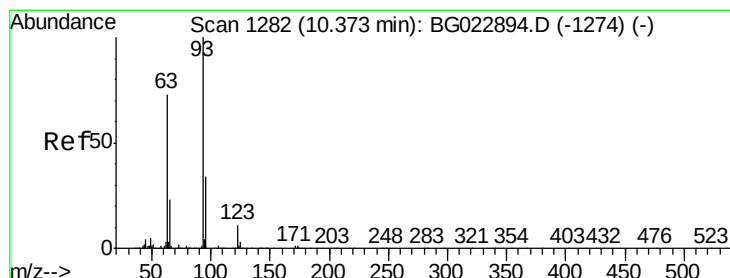
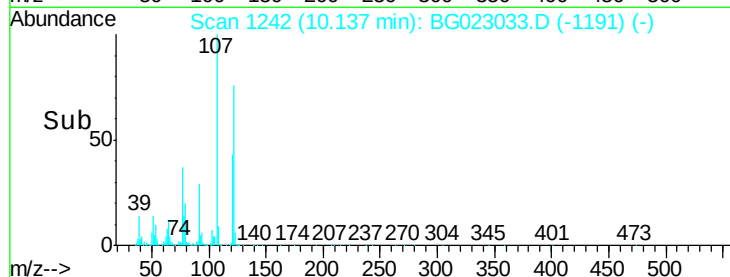
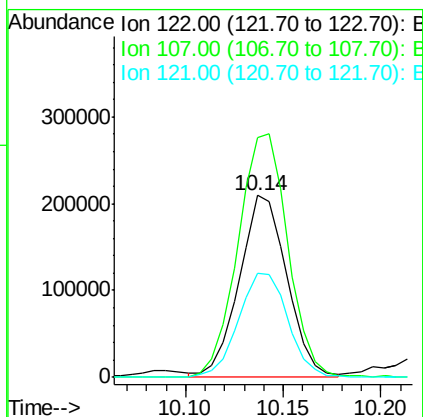
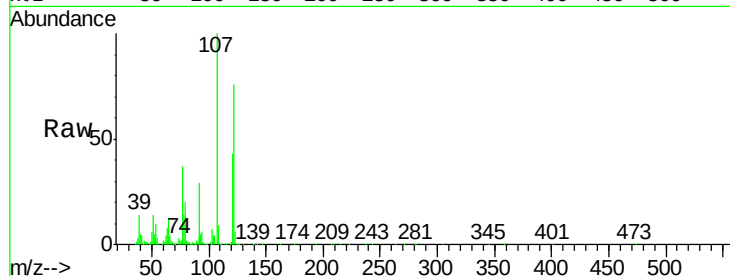
Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	122	Resp:	352563
Ion	Ratio	Lower	Upper
122	100		
107	132.0	117.0	175.4
121	57.3	50.1	75.1



#28

bis(2-Chloroethoxy)methane

Concen: 37.69 ng

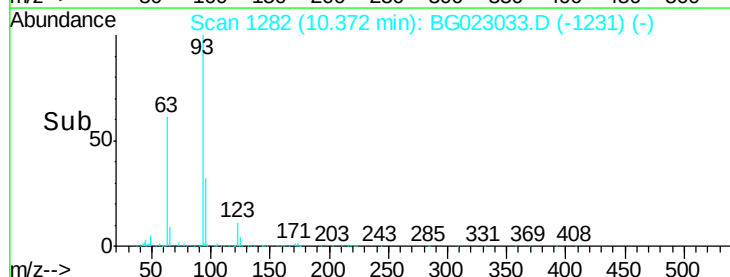
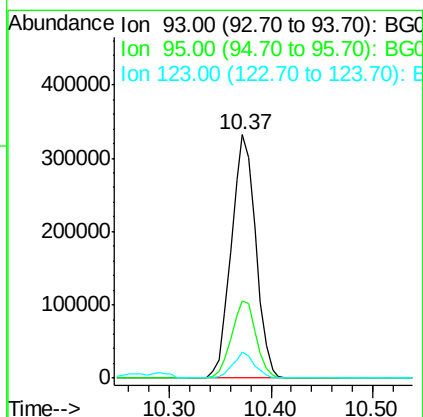
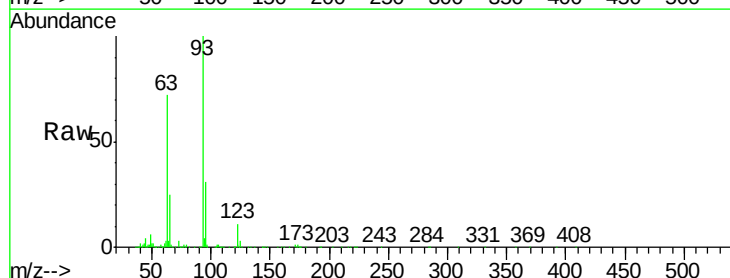
RT: 10.37 min Scan# 1282

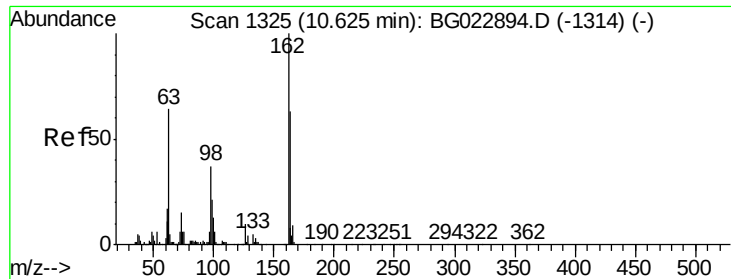
Delta R.T. -0.00 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Tgt Ion:	93	Resp:	553001
Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.4	38.2
123	10.7	8.2	12.2

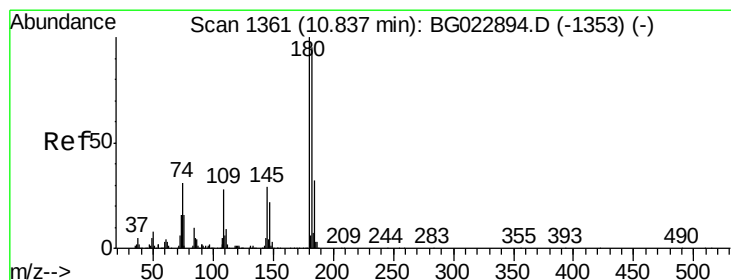
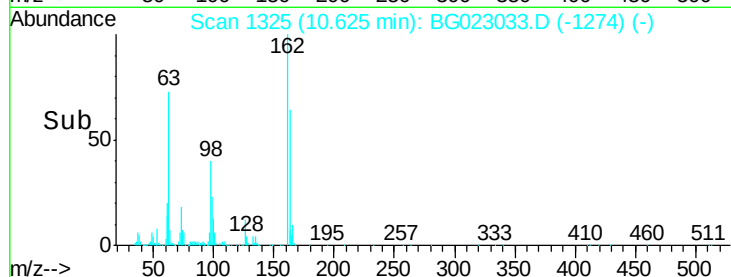
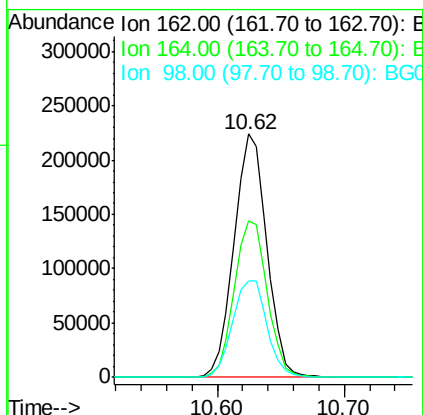
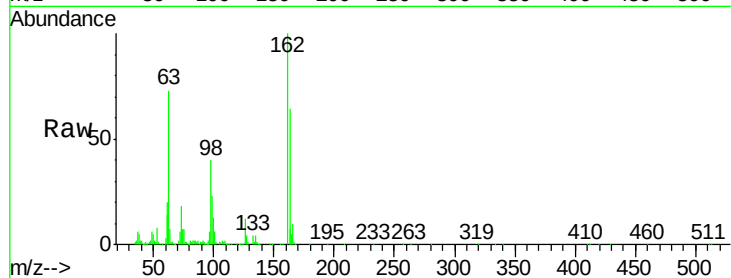




#29
 2,4-Dichlorophenol
 Concen: 39.78 ng
 RT: 10.62 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

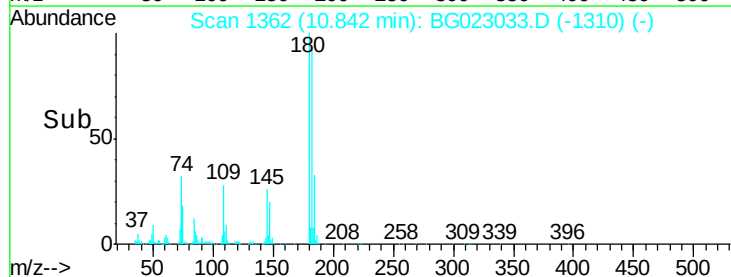
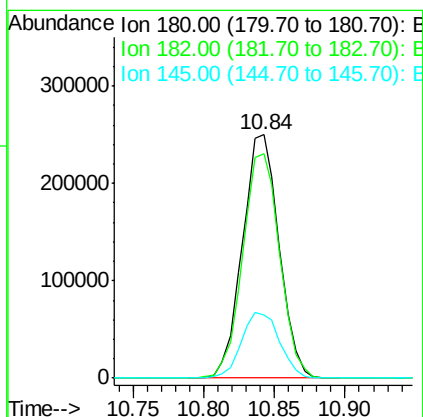
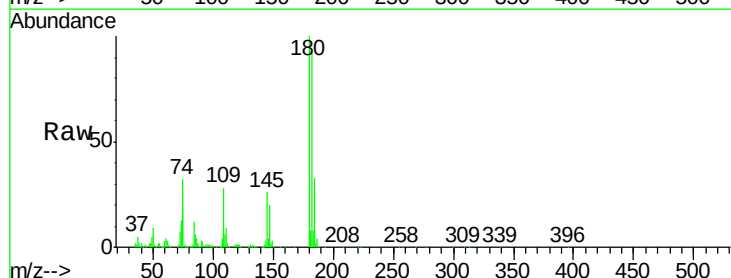
Instrument :
 BNA_G
 ClientSampleId :

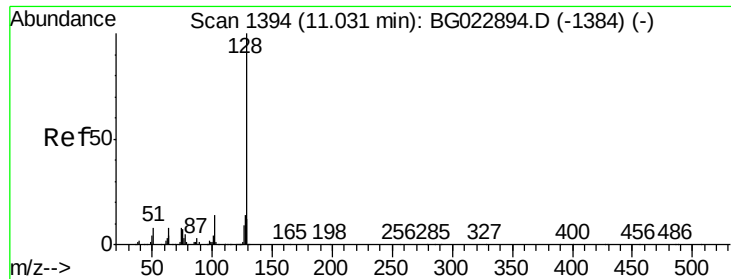
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.3	84.3
98	39.7	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 39.44 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	73.8	110.8
145	26.2	24.4	36.6

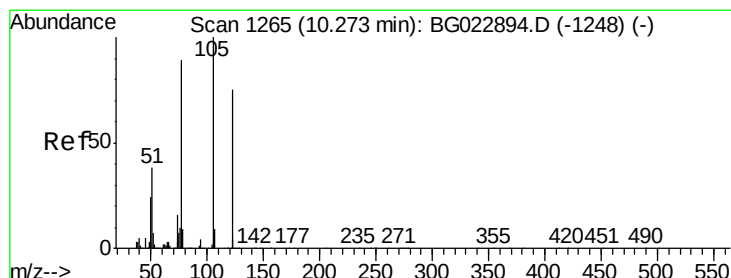
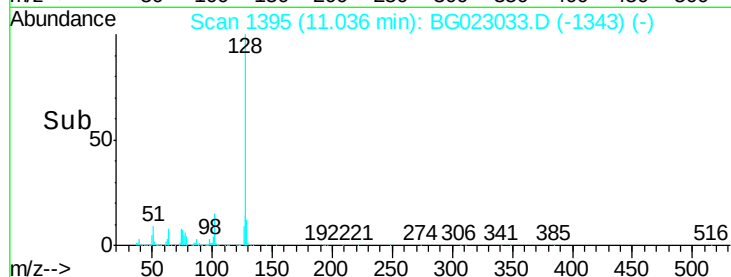
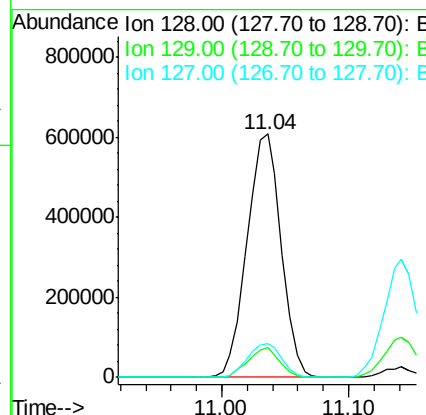
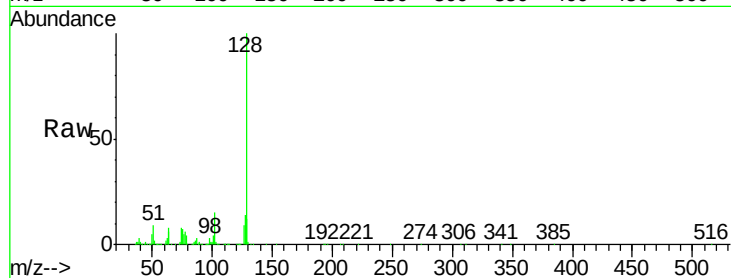




#31
Naphthalene
Concen: 39.75 ng
RT: 11.04 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

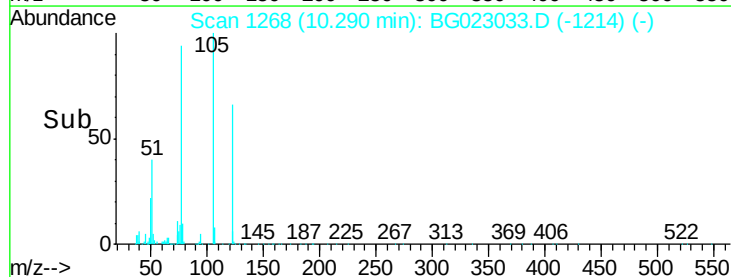
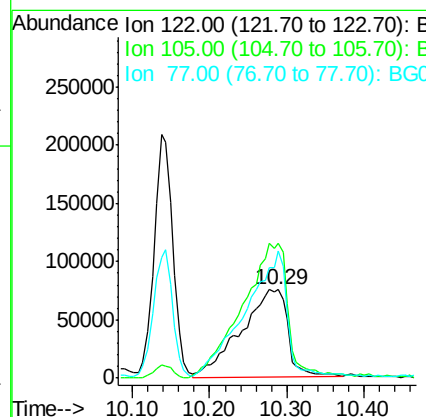
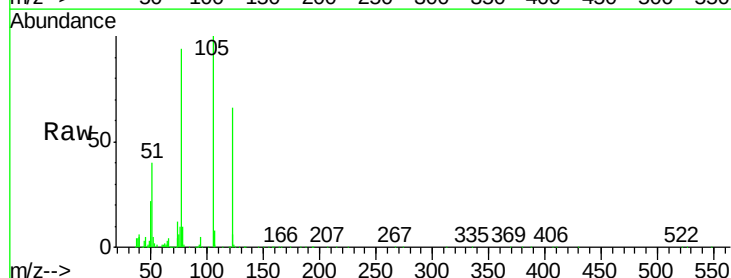
Instrument :
BNA_G
ClientSampleId :

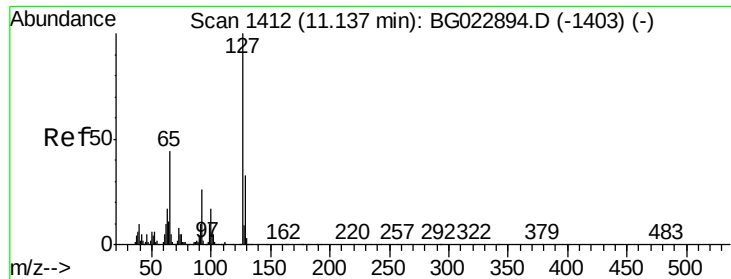
Tot Ion:128 Resp: 1133424
Ion Ratio Lower Upper
128 100
129 12.3 9.4 14.0
127 14.1 11.3 16.9



#32
Benzoic acid
Concen: 36.90 ng
RT: 10.29 min Scan# 1268
Delta R.T. 0.02 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion:122 Resp: 316479
Ion Ratio Lower Upper
122 100
105 152.5 117.2 157.2
77 143.3 109.2 149.2

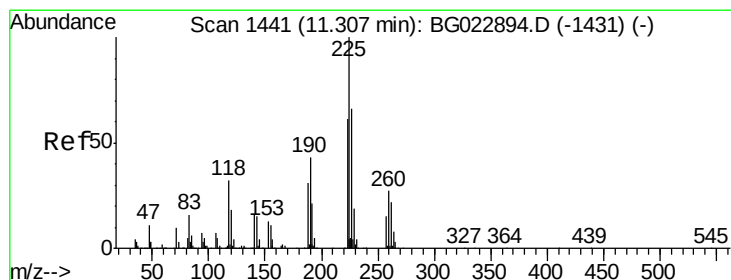
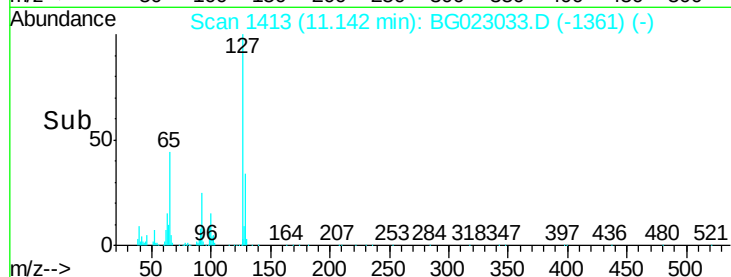
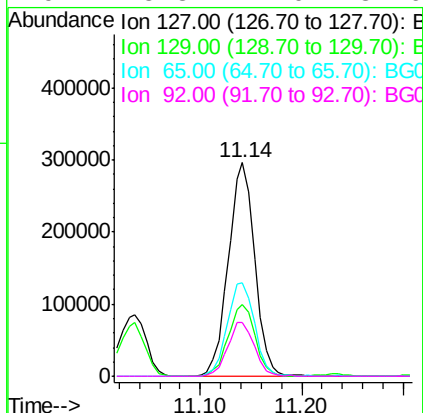
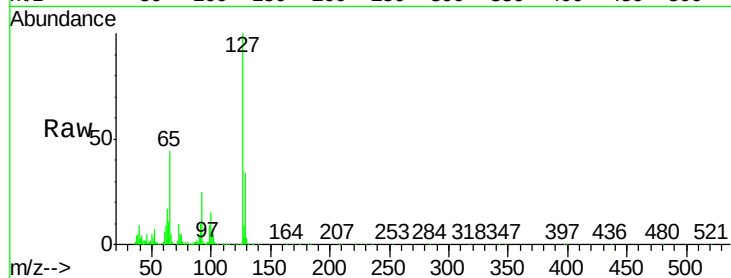




#33
4-Chloroaniline
Concen: 38.39 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

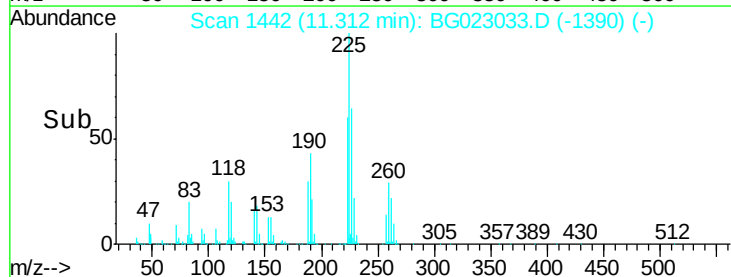
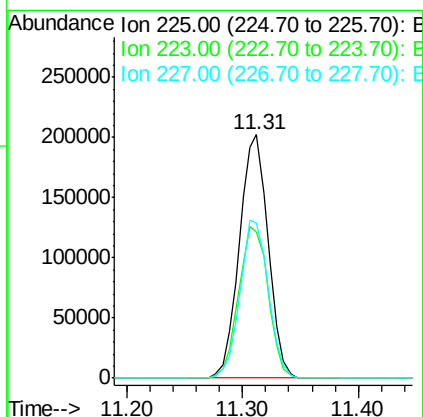
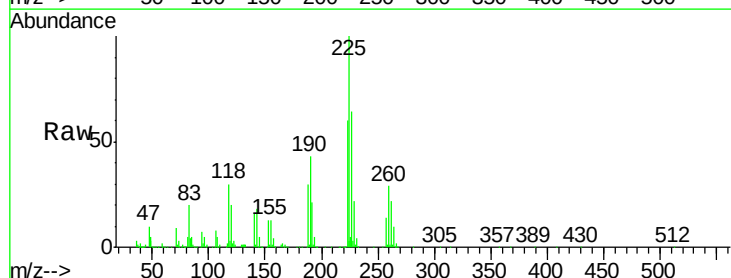
Instrument :
BNA_G
ClientSampleId :

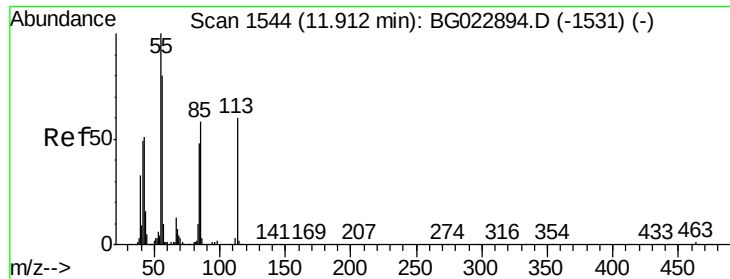
Tot Ion:	127	Resp:	535283
Ion	Ratio	Lower	Upper
127	100		
129	33.9	27.9	41.9
65	44.0	36.8	55.2
92	25.3	21.0	31.6



#34
Hexachlorobutadiene
Concen: 37.24 ng
RT: 11.31 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion:	225	Resp:	347807
Ion	Ratio	Lower	Upper
225	100		
223	60.0	49.6	74.4
227	63.9	54.5	81.7





#35

Caprolactam

Concen: 31.94 ng

RT: 11.92 min Scan# 1546

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

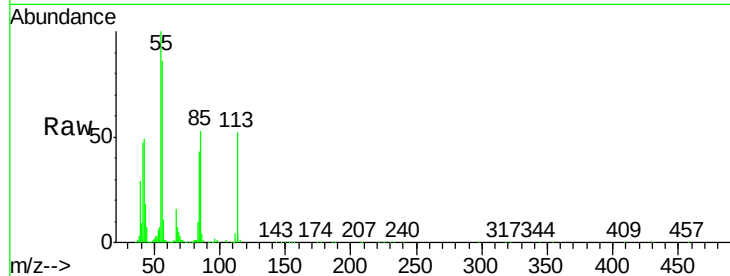
Tot Ion:113 Resp: 132129

Ion Ratio Lower Upper

113 100

55 192.1 154.5 194.5

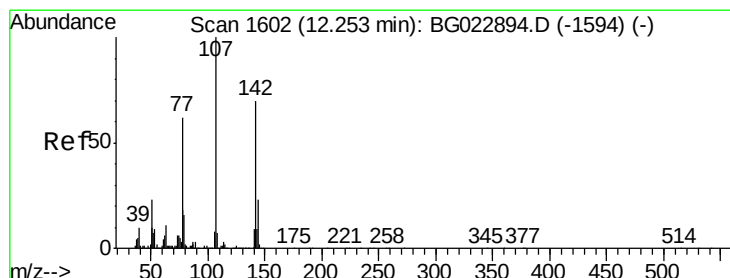
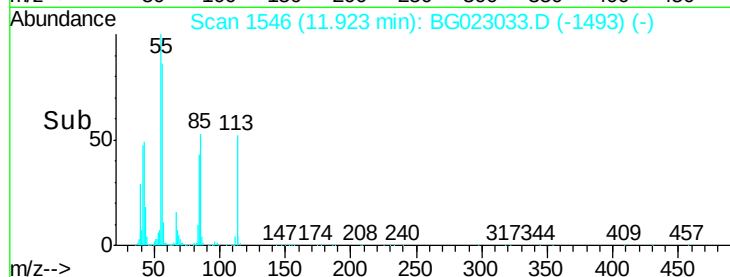
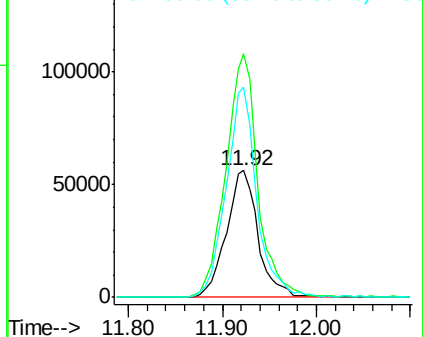
56 165.6 125.1 165.1#



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: 37.79 ng

RT: 12.26 min Scan# 1603

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

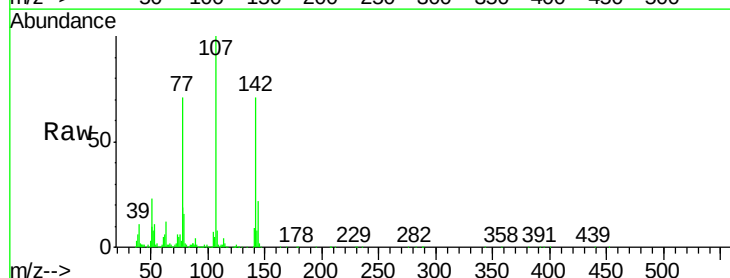
Tgt Ion:107 Resp: 519743

Ion Ratio Lower Upper

107 100

144 22.3 17.0 25.6

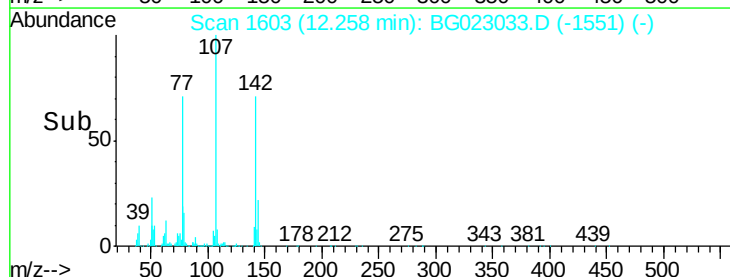
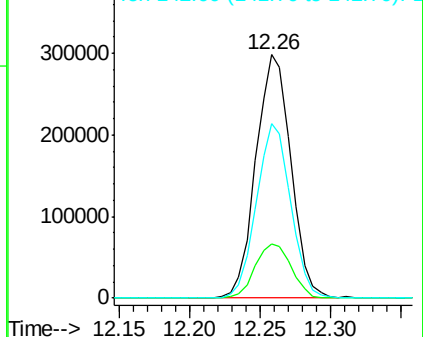
142 71.5 53.0 79.6

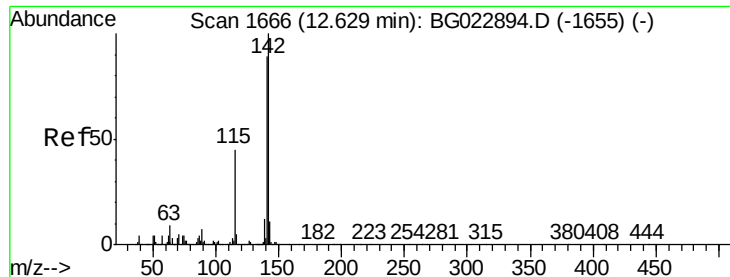


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

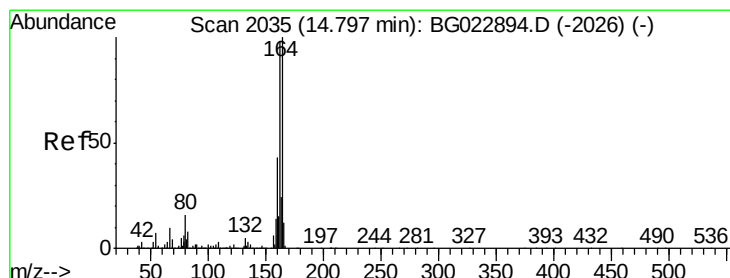
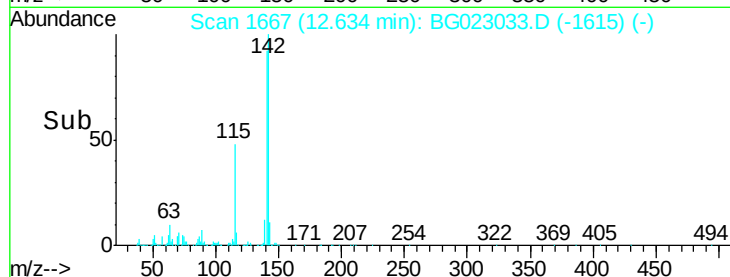
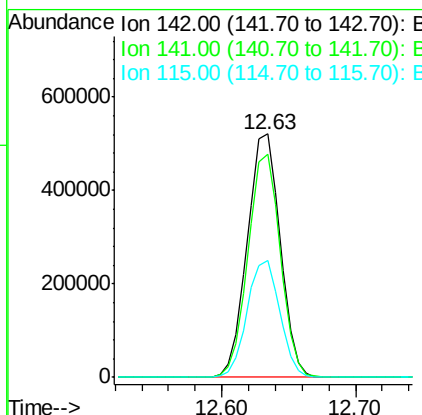
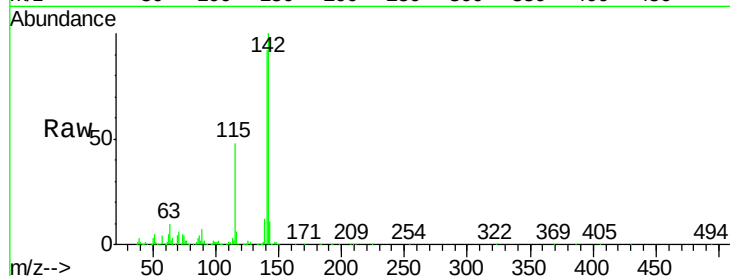




#37
2-Methylnaphthalene
Concen: 39.33 ng
RT: 12.63 min Scan# 1667
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

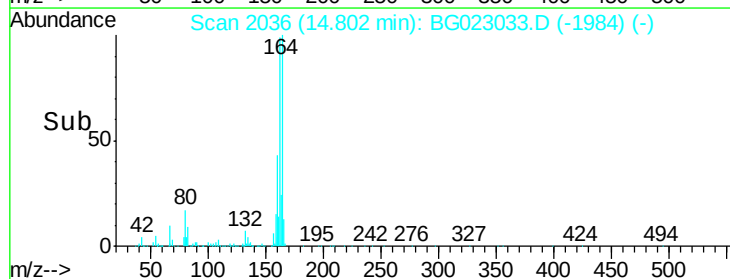
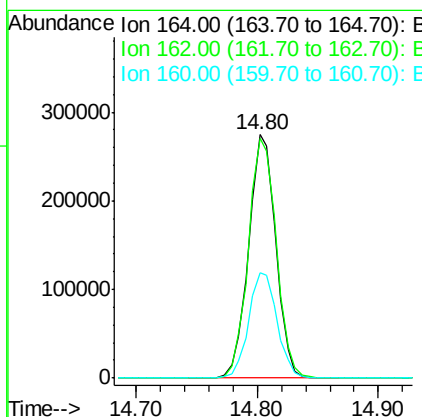
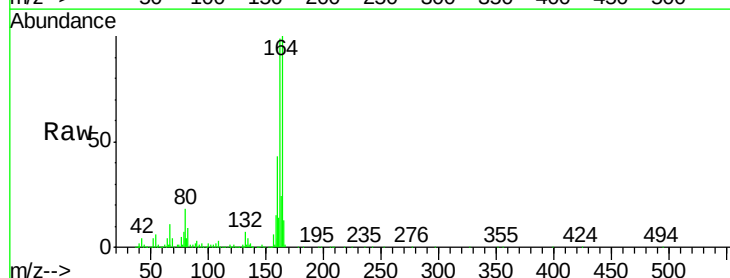
Instrument :
BNA_G
ClientSampleId :

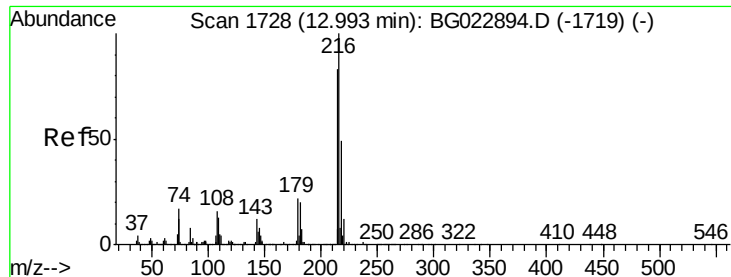
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	70.2	105.2
115	48.0	41.7	62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.6	87.7	131.5
160	43.3	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.81 ng

RT: 13.00 min Scan# 1729

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 703120

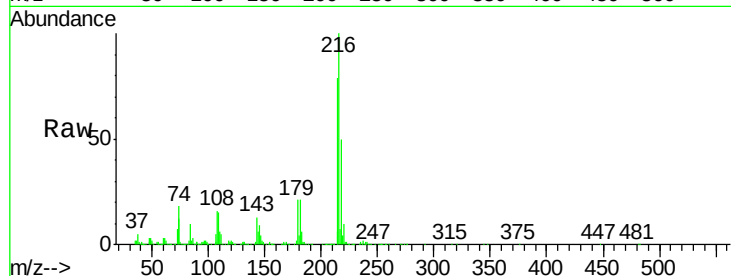
Ion Ratio Lower Upper

216 100

214 82.6 62.9 94.3

179 21.0 17.2 25.8

108 18.9 16.3 24.5

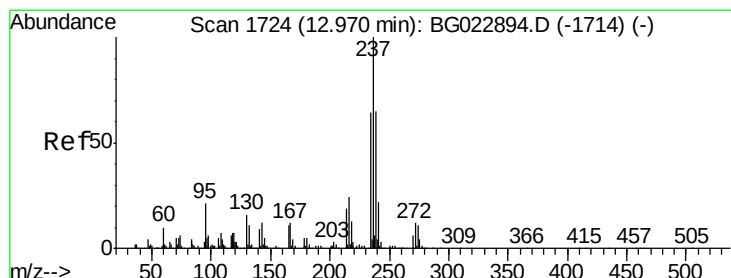
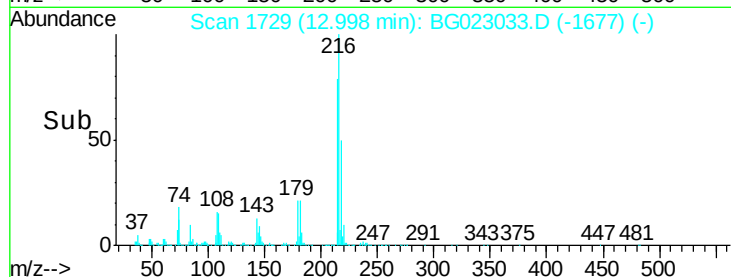
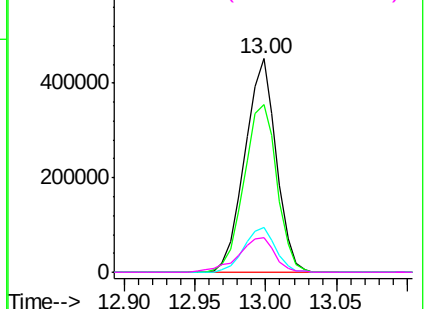


Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.99 ng

RT: 12.97 min Scan# 1725

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

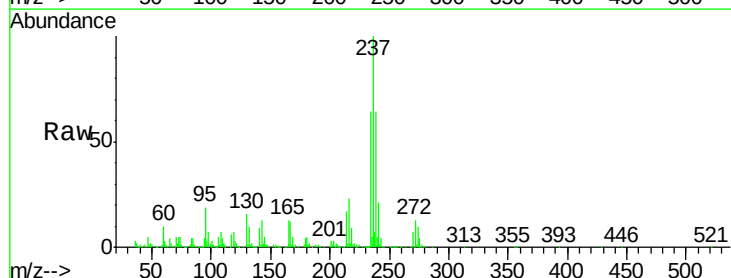
Tgt Ion:237 Resp: 460196

Ion Ratio Lower Upper

237 100

235 64.4 43.1 83.1

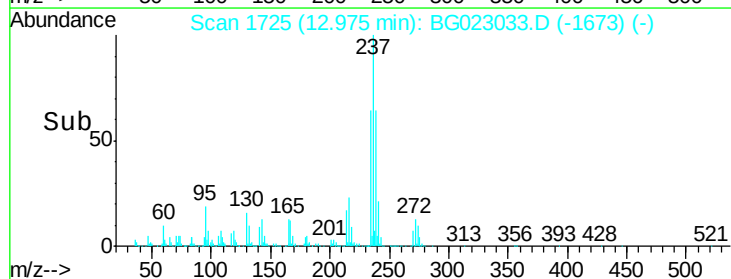
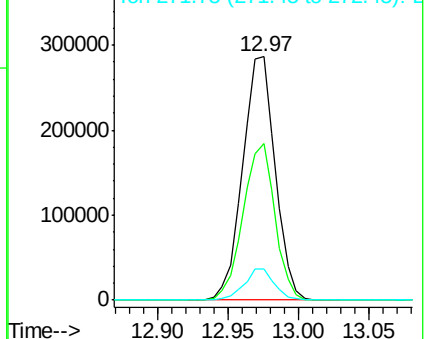
272 12.6 0.0 30.9

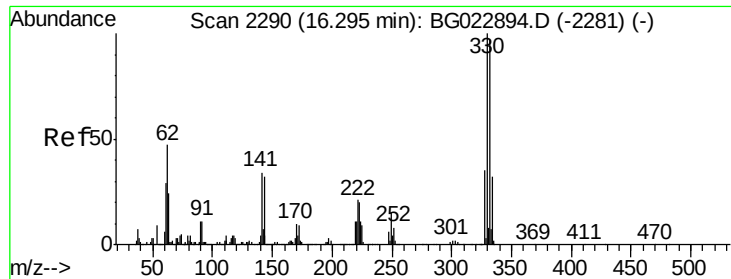


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

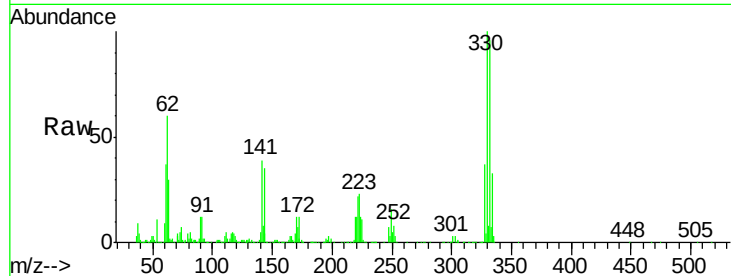




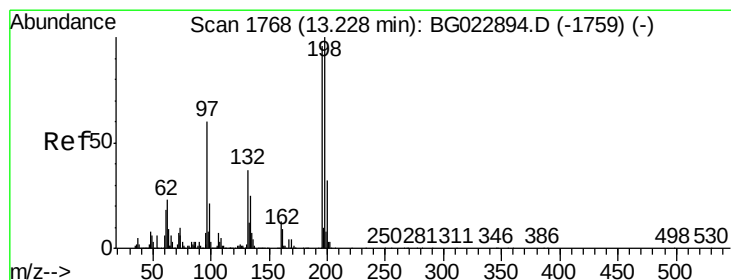
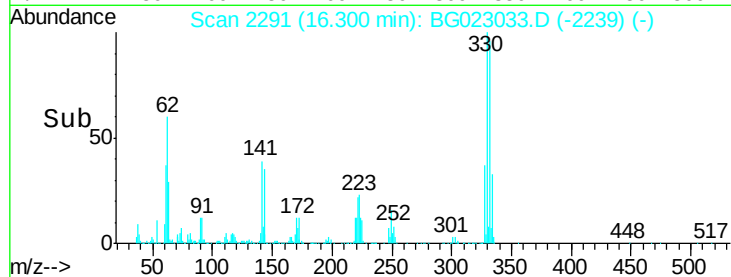
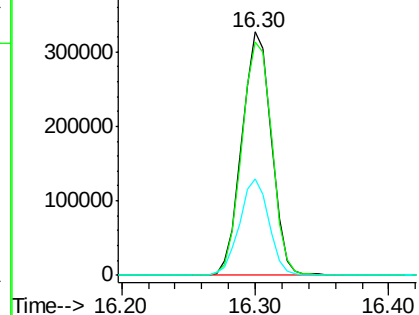
#41
 2,4,6-Tribromophenol
 Concen: 64.27 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 498442
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 39.6 31.7 47.5

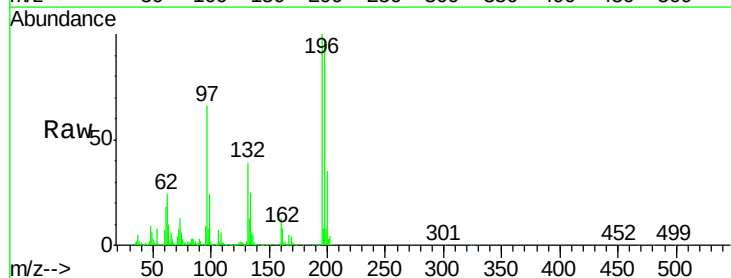


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

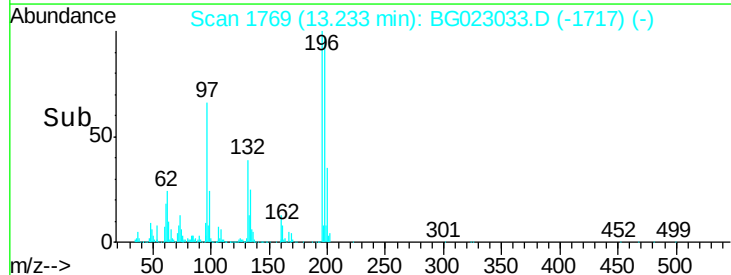
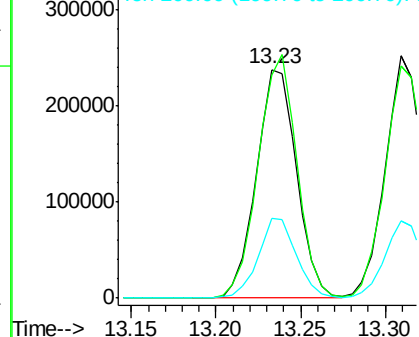


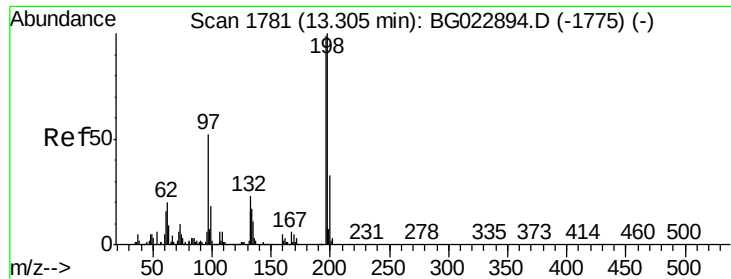
#42
 2,4,6-Trichlorophenol
 Concen: 36.96 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Tgt Ion:196 Resp: 395051
 Ion Ratio Lower Upper
 196 100
 198 97.4 78.2 117.2
 200 34.8 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

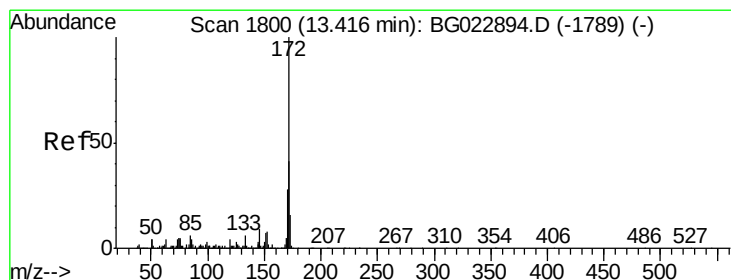
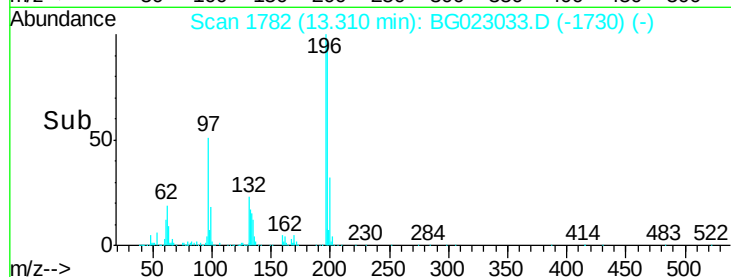
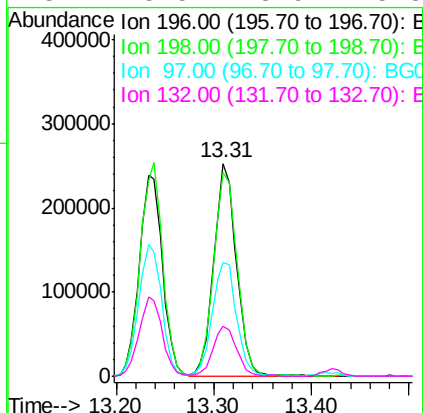
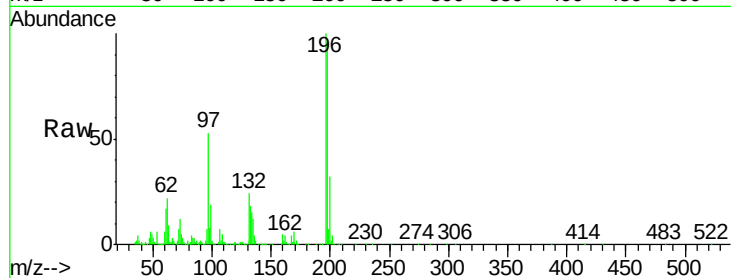




#43
 2,4,5-Trichlorophenol
 Concen: 36.99 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

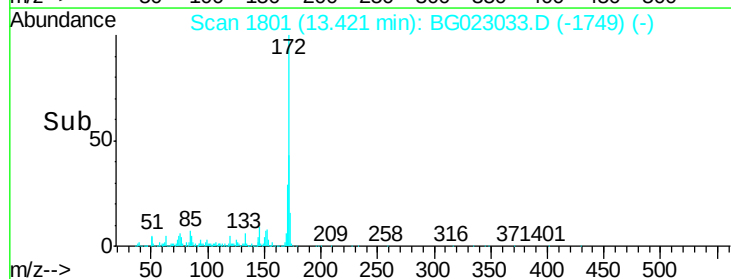
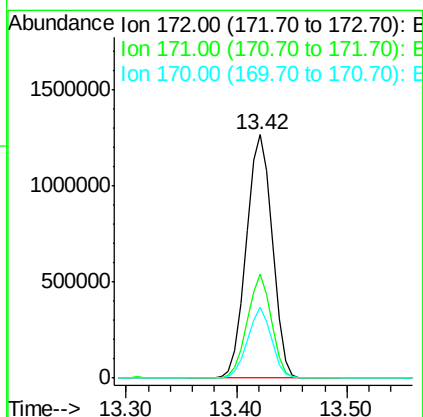
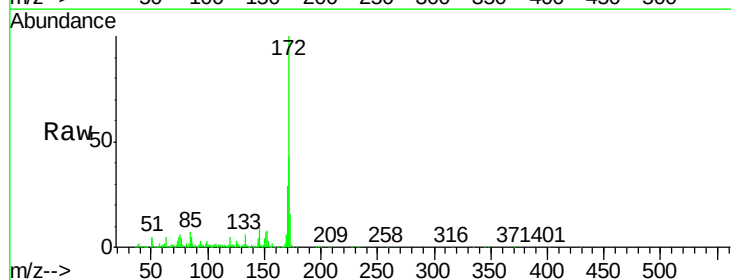
Instrument :
 BNA_G
 ClientSampleId :

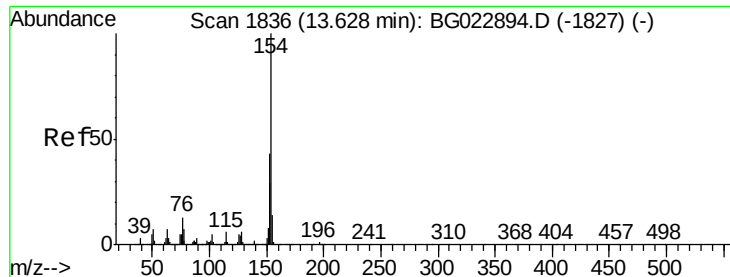
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	85.7	128.5
97	53.5	45.5	68.3
132	23.5	18.9	28.3



#44
 2-Fluorobiphenyl
 Concen: 76.30 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.7	31.6	47.4
170	29.0	21.3	31.9





#45

1,1'-Biphenyl

Concen: 39.58 ng

RT: 13.63 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

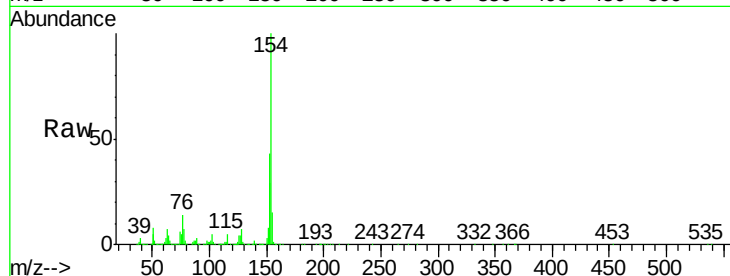
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 1281407

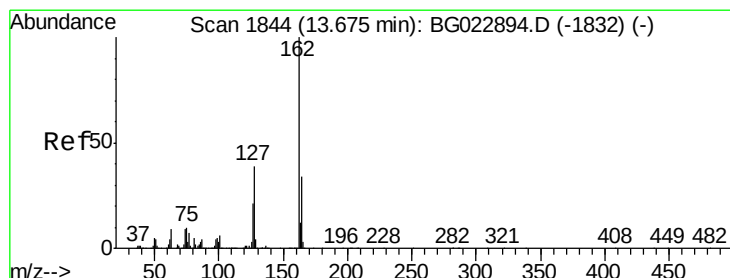
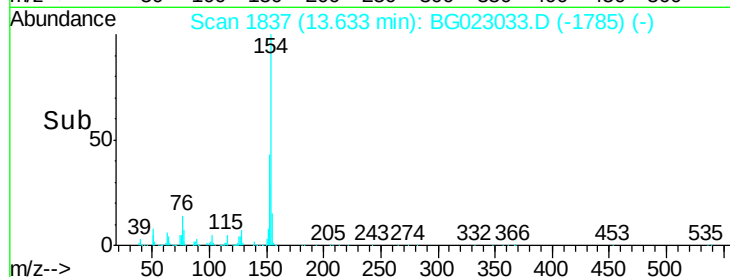
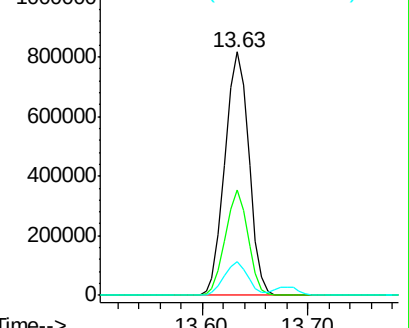
Ion	Ratio	Lower	Upper
154	100		
153	43.1	20.2	60.2
76	13.7	0.0	32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 39.25 ng

RT: 13.68 min Scan# 1845

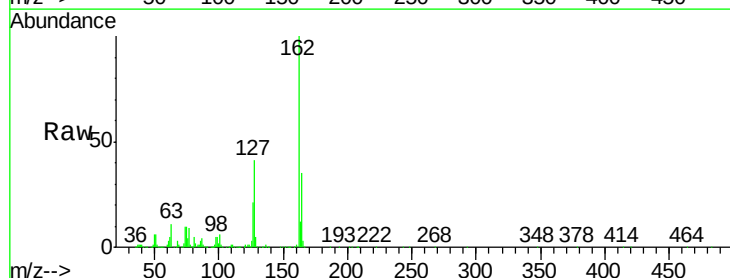
Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Tgt Ion:162 Resp: 1030956

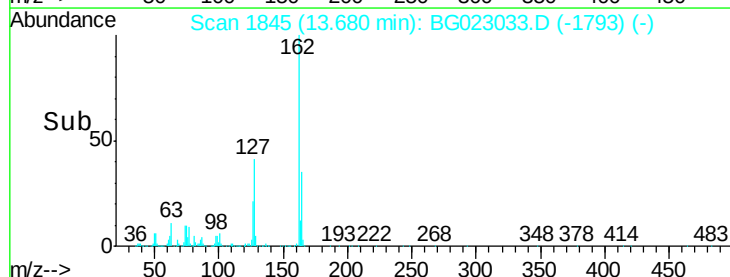
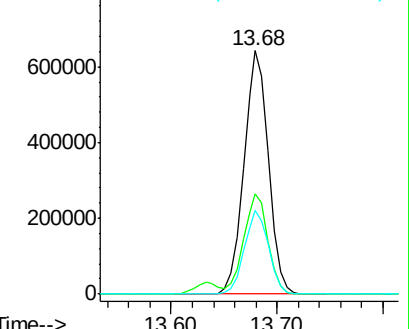
Ion	Ratio	Lower	Upper
162	100		
127	41.2	32.4	48.6
164	34.5	25.2	37.8

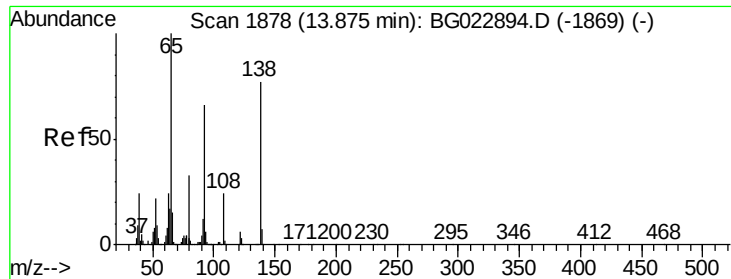


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

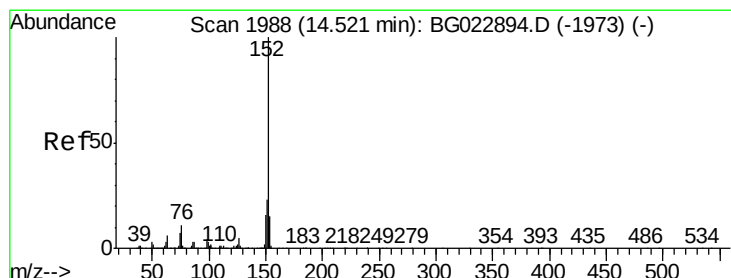
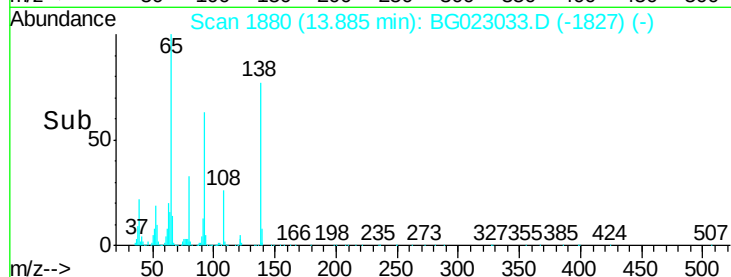
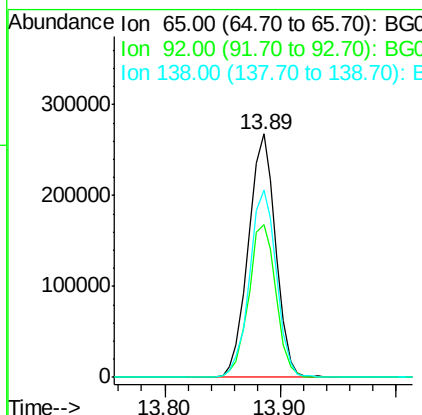
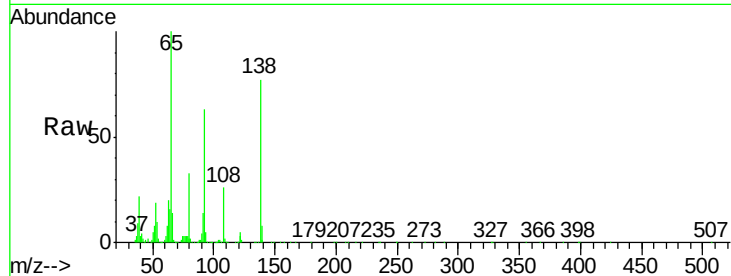




#47
2-Nitroaniline
Concen: 39.25 ng
RT: 13.89 min Scan# 1880
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

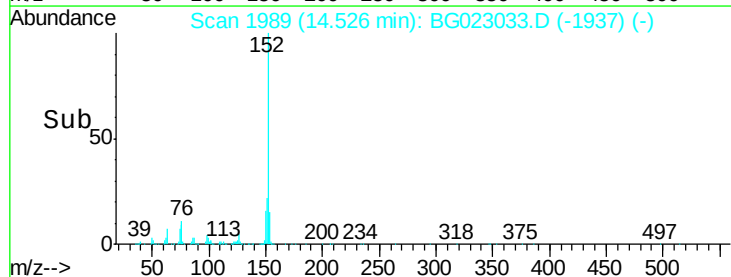
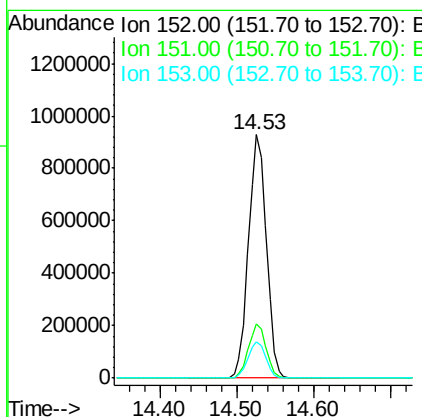
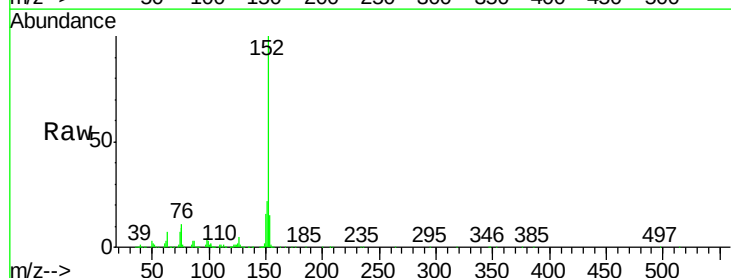
Instrument :
BNA_G
ClientSampleId :

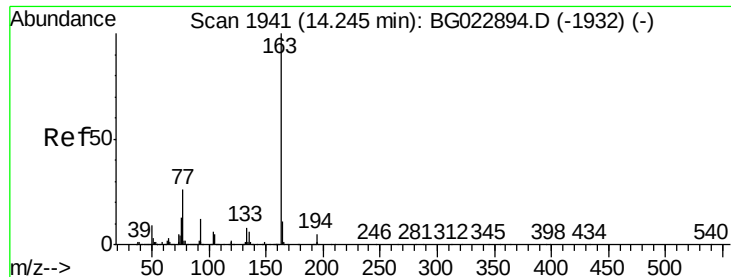
Tot Ion	Ratio	Lower	Upper
65	100		
92	62.6	49.4	74.0
138	76.7	58.0	87.0



#48
Acenaphthylene
Concen: 38.51 ng
RT: 14.53 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.6	26.4
153	14.8	11.4	17.2

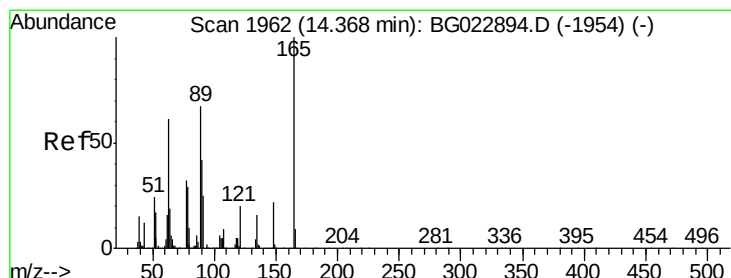
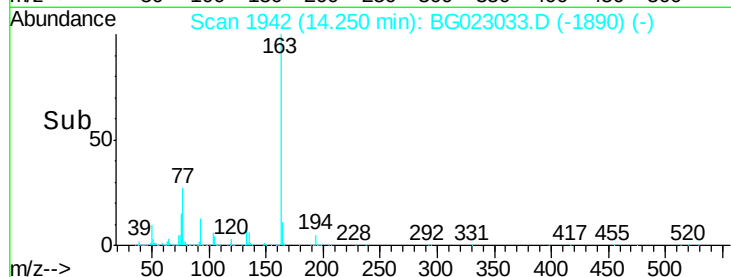
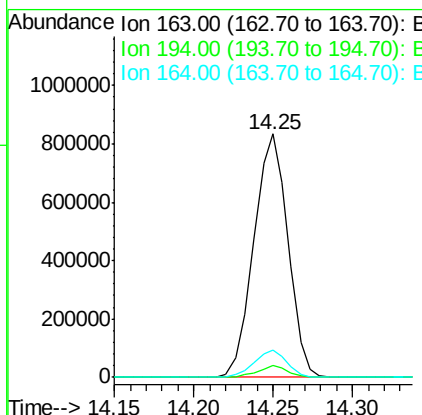
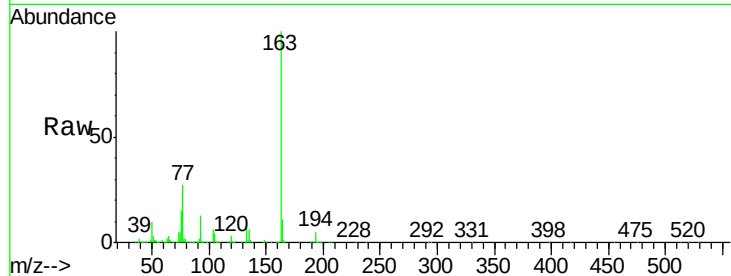




#49
Dimethylphthalate
Concen: 35.44 ng
RT: 14.25 min Scan# 1942
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

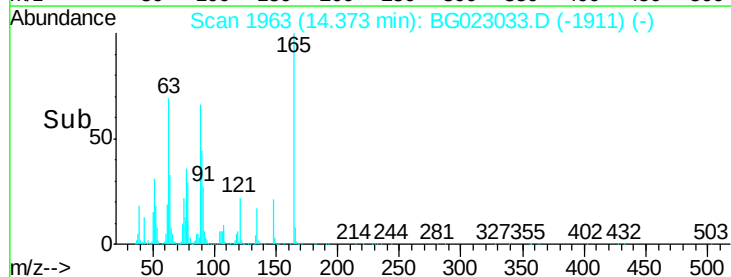
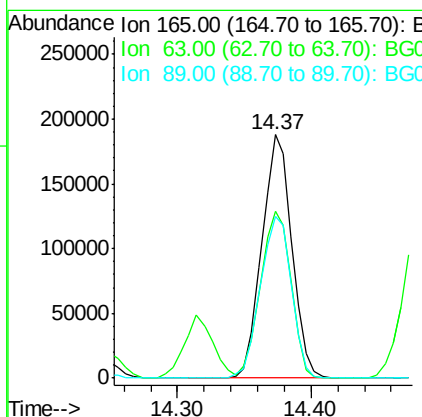
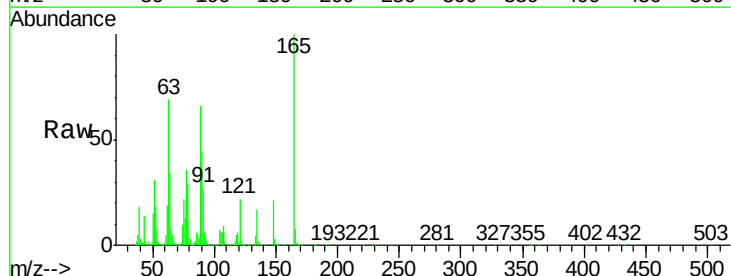
Instrument :
BNA_G
ClientSampled :

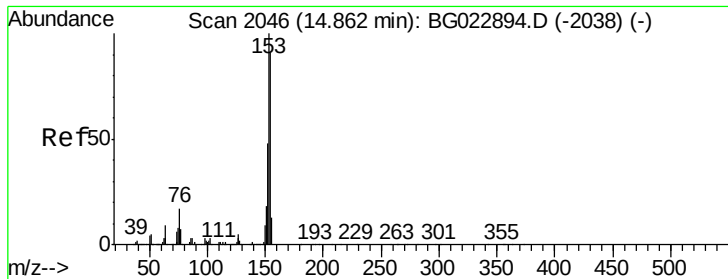
Tot Ion:163 Resp: 1249044
Ion Ratio Lower Upper
163 100
194 5.1 3.6 5.4
164 11.4 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 36.76 ng
RT: 14.37 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion:165 Resp: 291181
Ion Ratio Lower Upper
165 100
63 68.5 64.3 96.5
89 66.2 64.3 96.5





#51

Acenaphthene

Concen: 38.02 ng

RT: 14.87 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

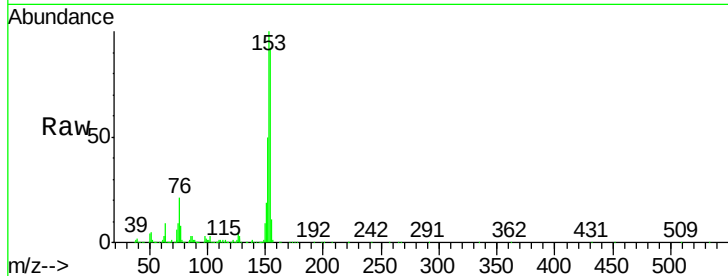
Tot Ion:154 Resp: 978713

Ion Ratio Lower Upper

154 100

153 108.8 87.5 131.3

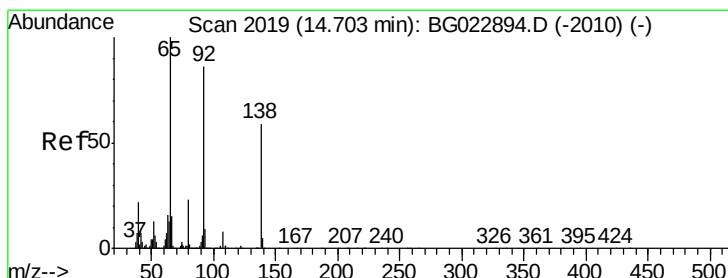
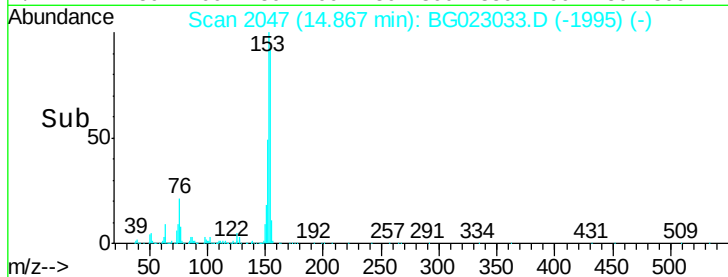
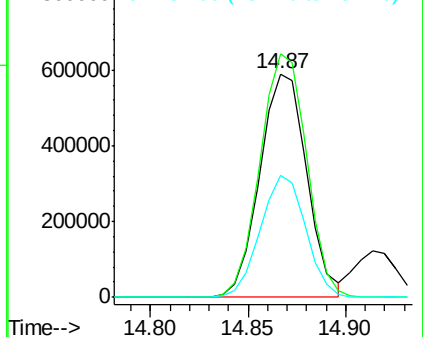
152 54.7 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.79 ng

RT: 14.71 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

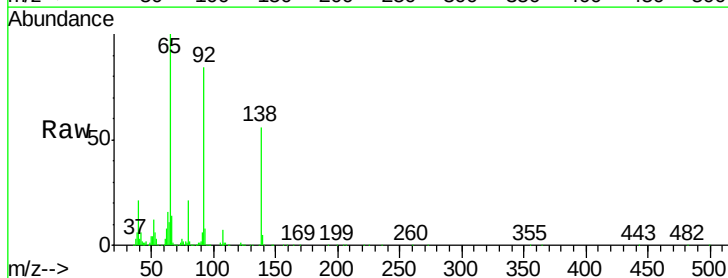
Tgt Ion:138 Resp: 298473

Ion Ratio Lower Upper

138 100

108 11.8 11.7 17.5

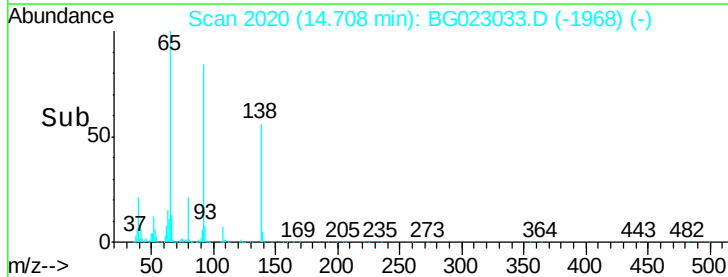
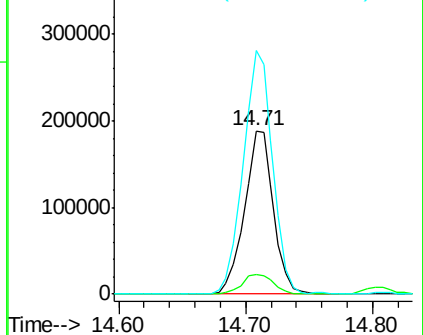
92 149.3 129.7 194.5

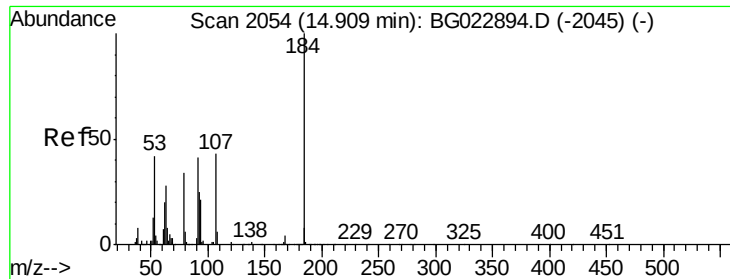


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 46.47 ng

RT: 14.91 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

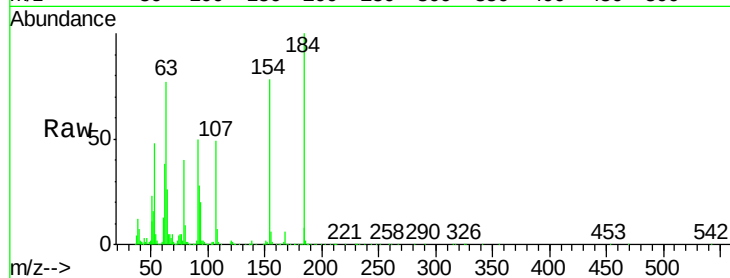
Tot Ion:184 Resp: 252596

Ion Ratio Lower Upper

184 100

63 76.7 59.6 89.4

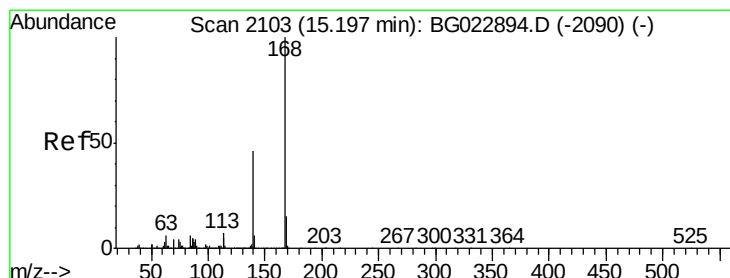
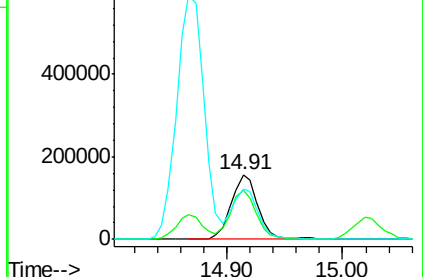
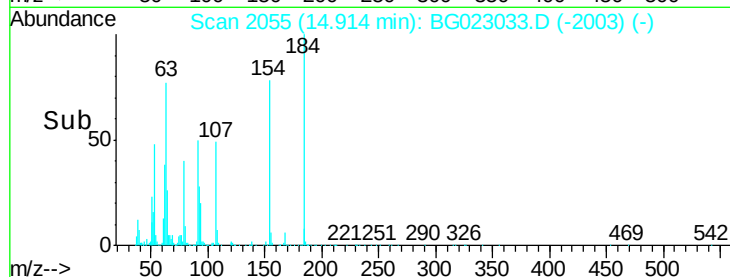
154 78.0 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 36.93 ng

RT: 15.20 min Scan# 2104

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

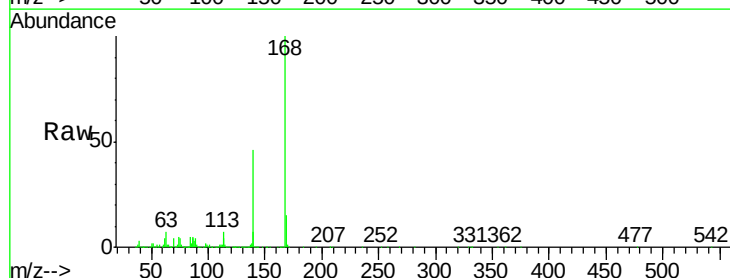
Tgt Ion:168 Resp: 1423020

Ion Ratio Lower Upper

168 100

139 46.3 36.4 54.6

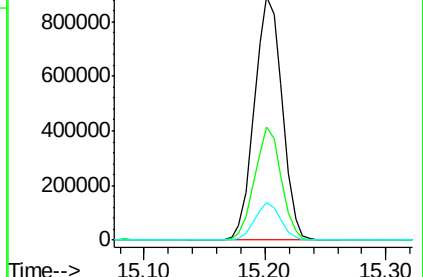
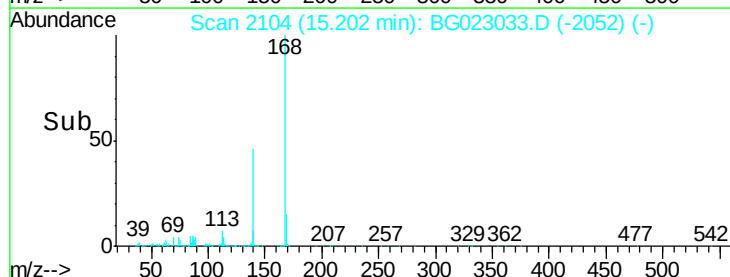
169 15.5 11.9 17.9

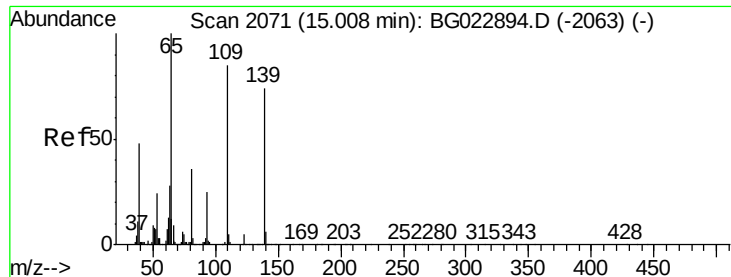


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

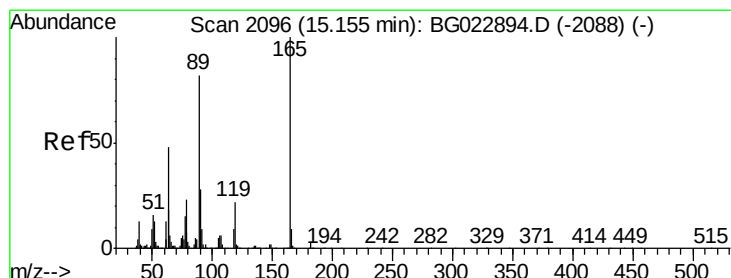
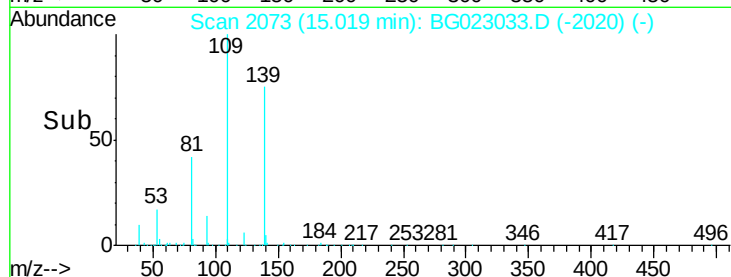
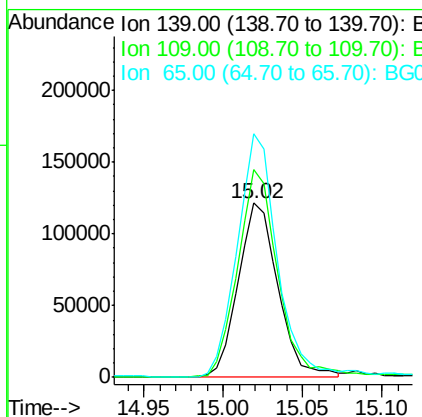
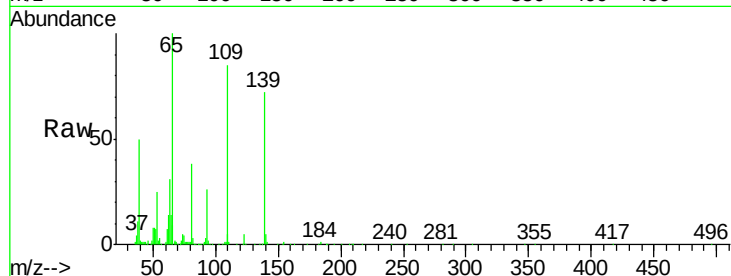




#55
4-Nitrophenol
Concen: 32.06 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

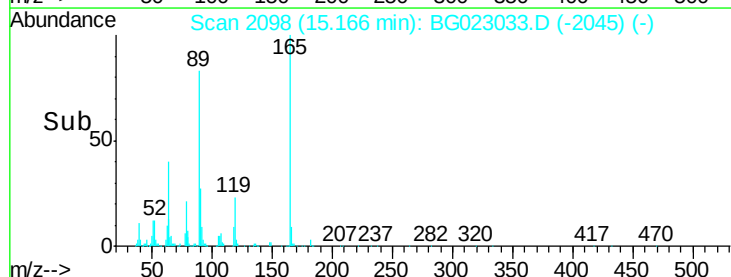
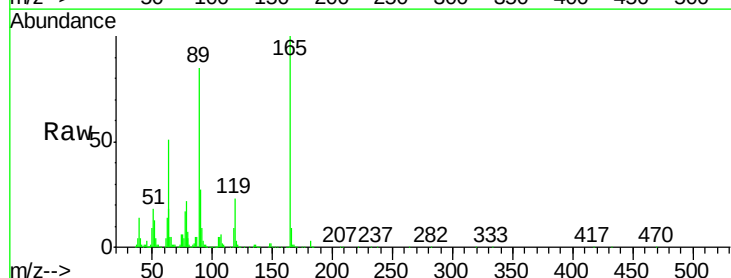
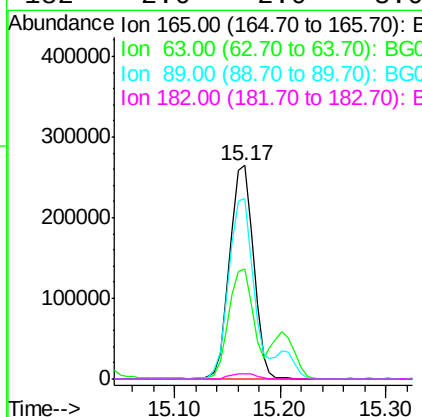
Instrument :
BNA_G
ClientSampleId :

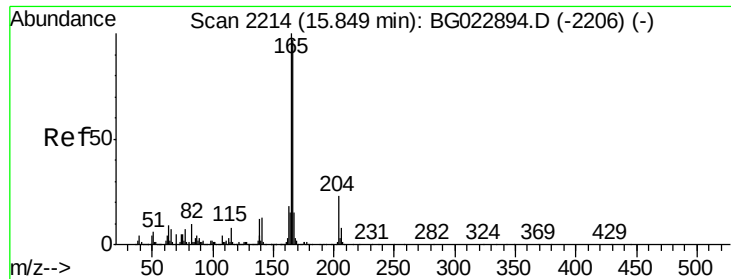
Tot Ion	Ratio	Lower	Upper
139	100		
109	119.1	103.0	143.0
65	139.8	112.7	152.7



#56
2,4-Dinitrotoluene
Concen: 35.66 ng
RT: 15.17 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.4	45.8	68.6
89	84.7	68.6	102.8
182	2.6	2.0	3.0

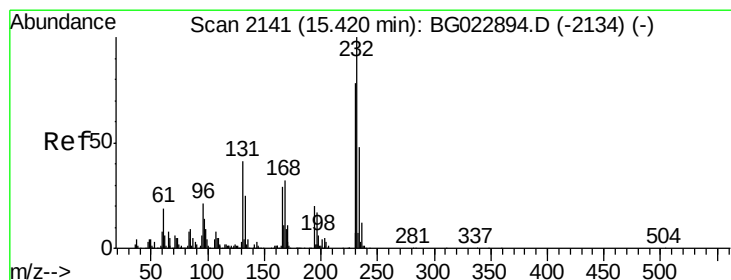
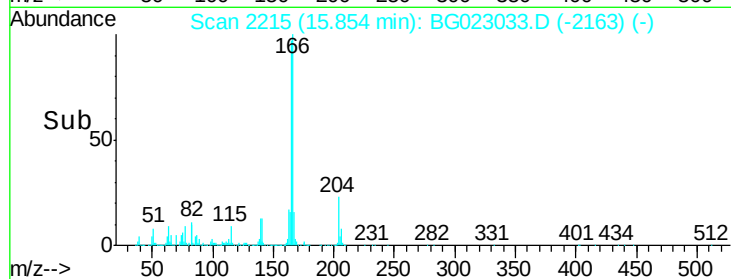
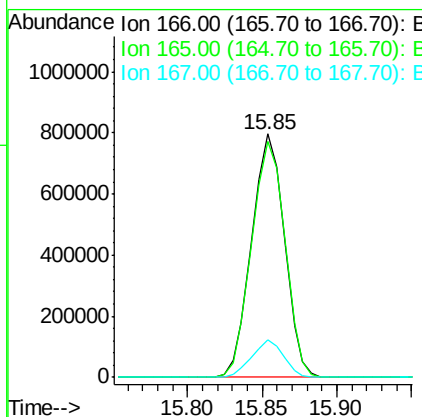
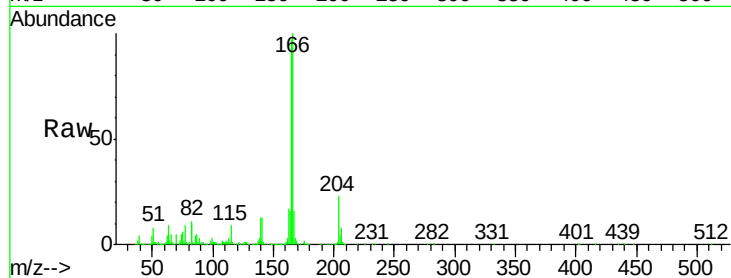




#57
 Fluorene
 Concen: 36.56 ng
 RT: 15.85 min Scan# 2215
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

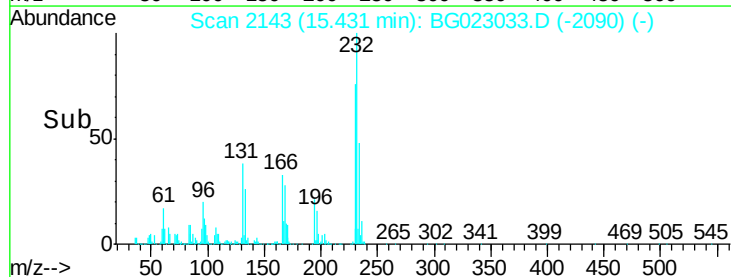
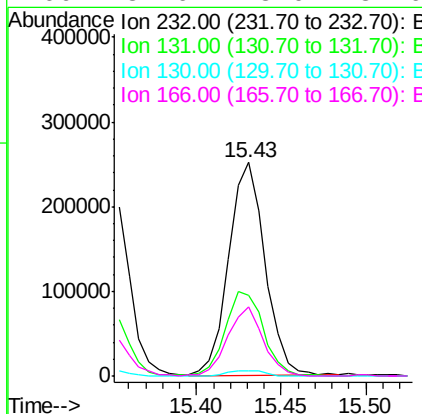
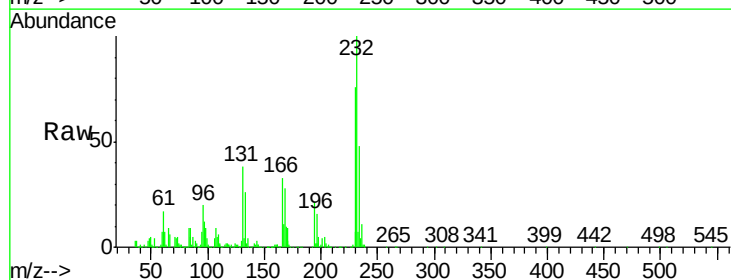
Instrument :
 BNA_G
 ClientSampled :

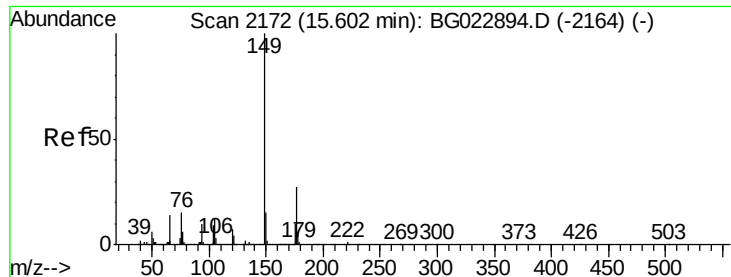
Tot Ion:166 Resp: 1212491
 Ion Ratio Lower Upper
 166 100
 165 97.1 81.0 121.6
 167 15.7 12.0 18.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.22 ng
 RT: 15.43 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Tgt Ion:232 Resp: 375761
 Ion Ratio Lower Upper
 232 100
 131 41.8 32.7 49.1
 130 2.9 2.6 3.8
 166 31.6 23.0 34.6

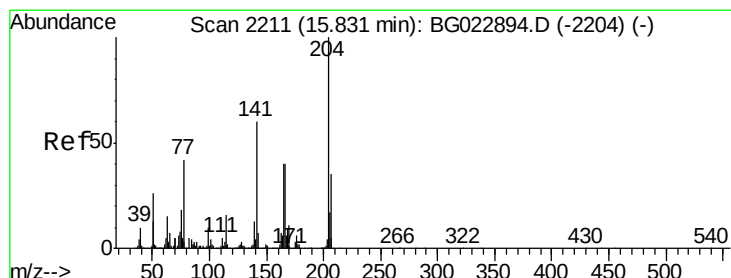
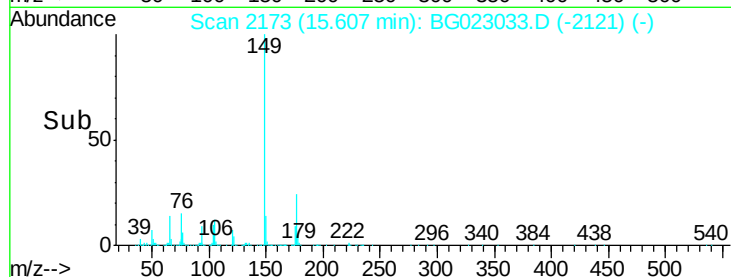
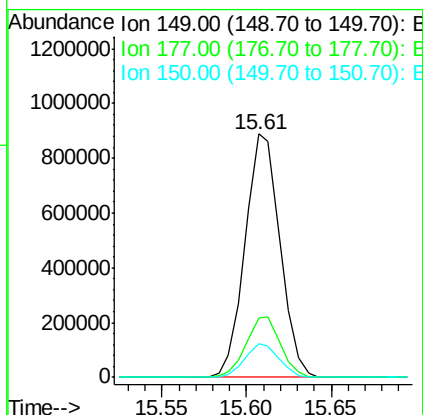
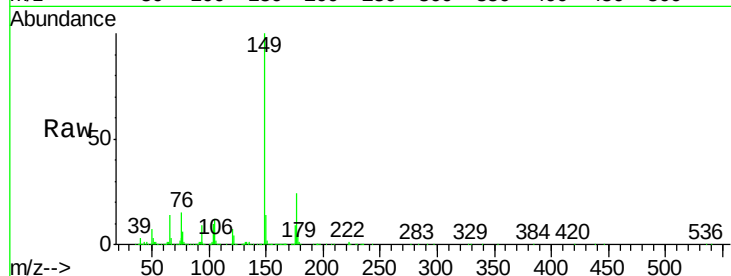




#59
Diethylphthalate
Concen: 35.63 ng
RT: 15.61 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

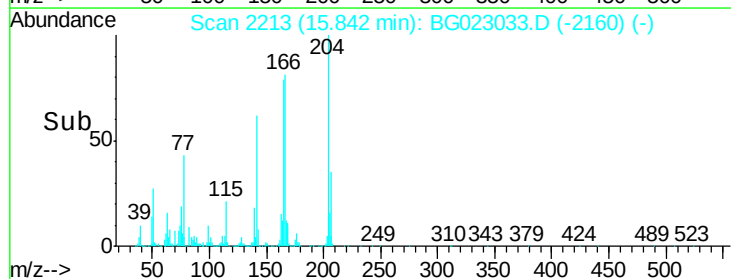
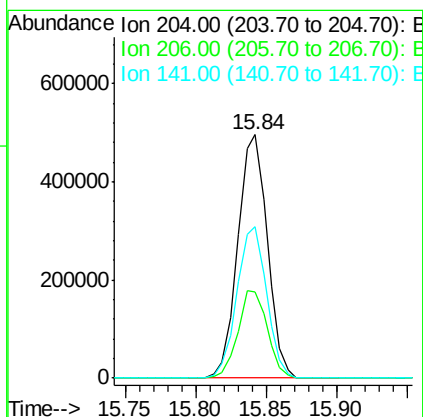
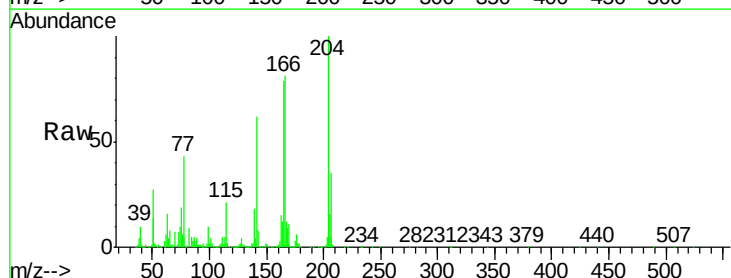
Instrument :
BNA_G
ClientSampled :

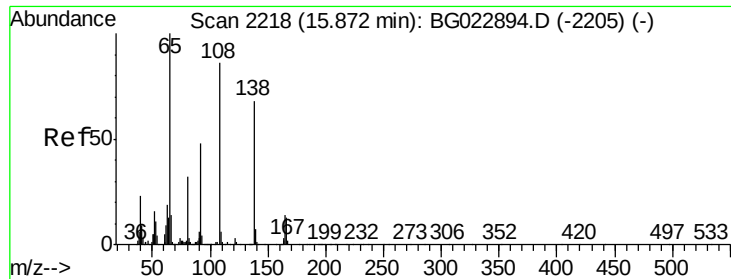
Tot Ion:149 Resp: 1277782
Ion Ratio Lower Upper
149 100
177 24.2 19.2 28.8
150 13.9 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 35.80 ng
RT: 15.84 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion:204 Resp: 723080
Ion Ratio Lower Upper
204 100
206 35.4 28.5 42.7
141 62.0 51.4 77.0

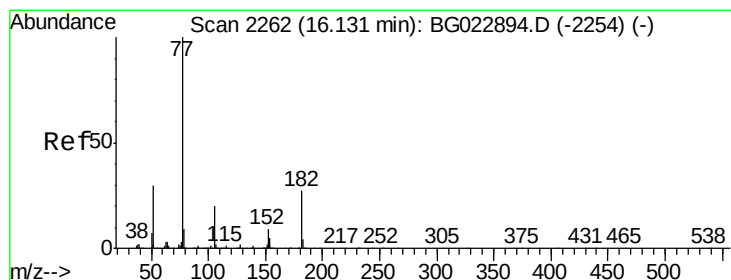
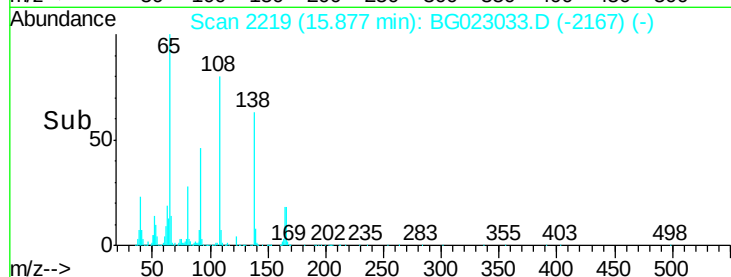
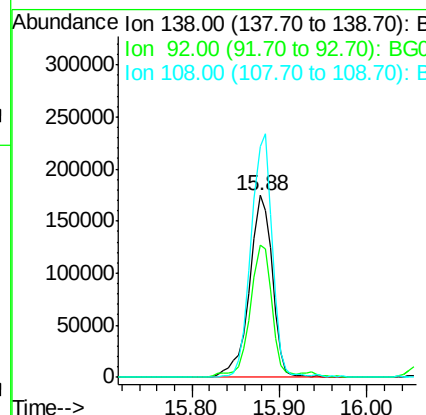
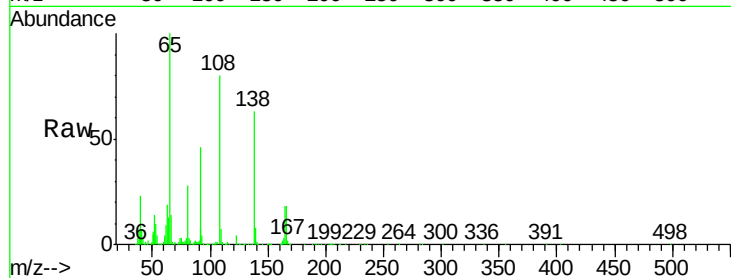




#61
4-Nitroaniline
Concen: 35.97 ng
RT: 15.88 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

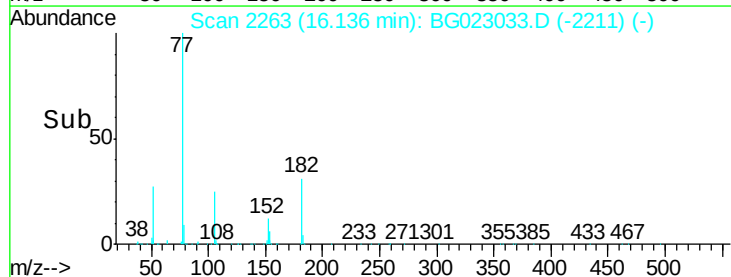
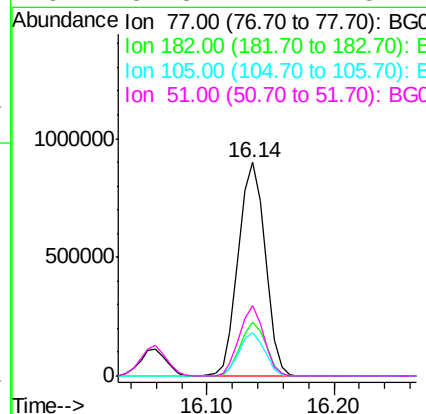
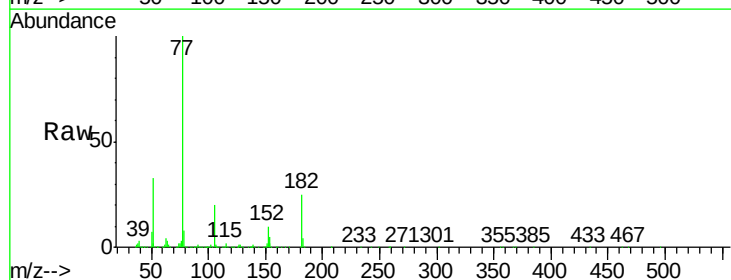
Instrument :
BNA_G
ClientSampleId :

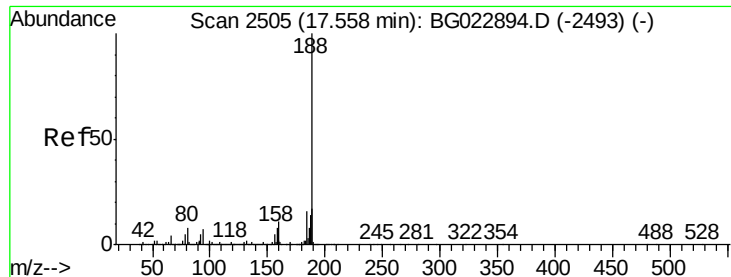
Tot Ion:138 Resp: 307442
Ion Ratio Lower Upper
138 100
92 72.4 54.1 94.1
108 126.5 133.9 173.9#



#62
Azobenzene
Concen: 38.43 ng
RT: 16.14 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion: 77 Resp: 1318349
Ion Ratio Lower Upper
77 100
182 25.3 3.5 43.5
105 20.4 0.0 38.5
51 32.8 17.1 57.1

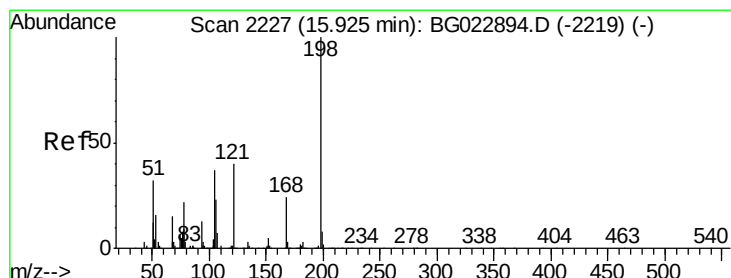
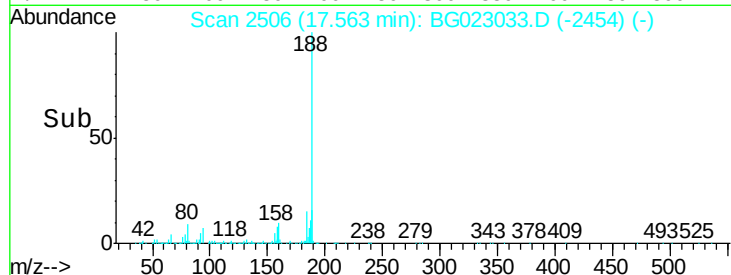
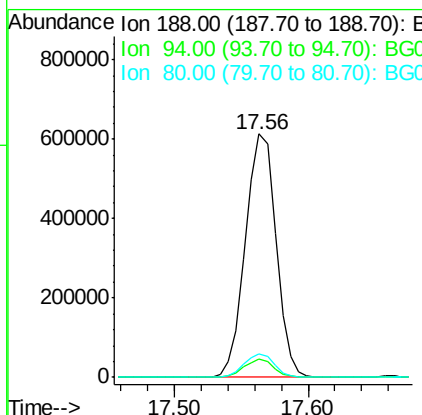
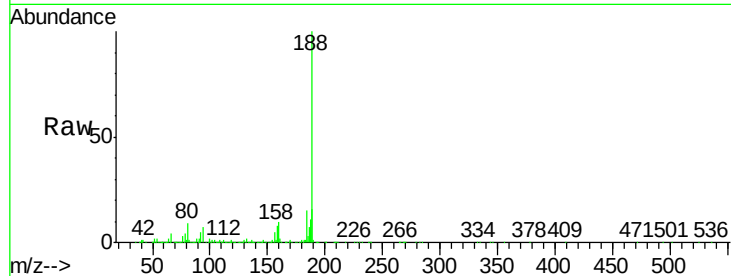




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

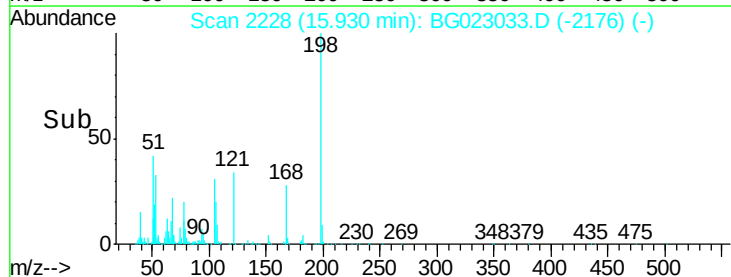
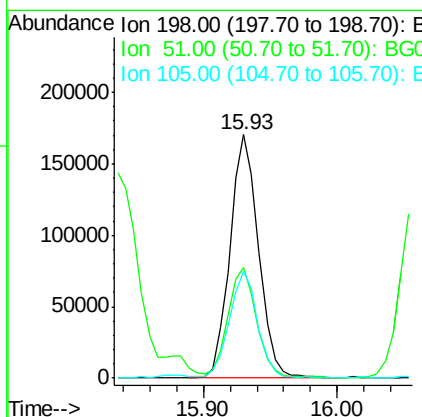
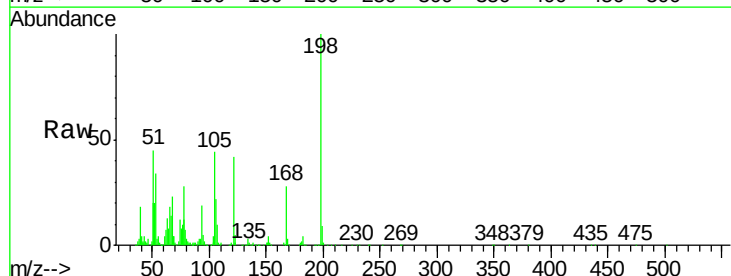
Instrument :
BNA_G
ClientSampleId :

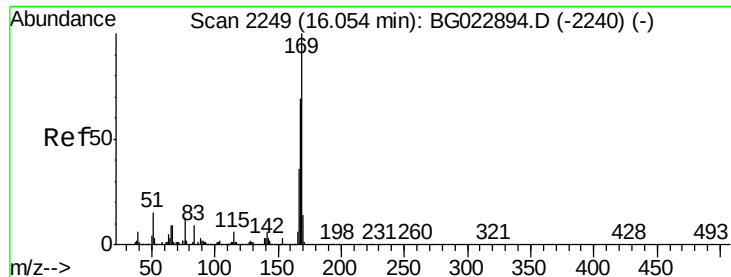
Tot Ion:188 Resp: 969645
Ion Ratio Lower Upper
188 100
94 7.3 5.2 7.8
80 9.5 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 35.26 ng
RT: 15.93 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion:198 Resp: 254102
Ion Ratio Lower Upper
198 100
51 45.4 26.0 66.0
105 43.8 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 40.65 ng

RT: 16.06 min Scan# 2250

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampled :

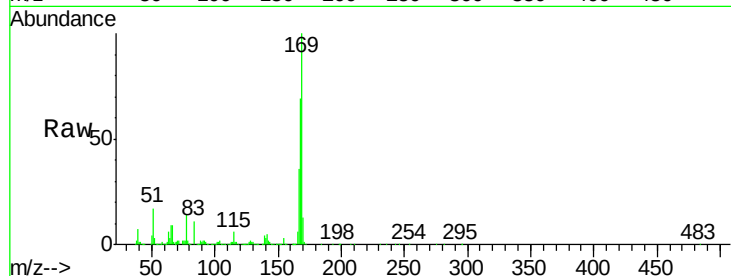
Tot Ion:169 Resp: 1135595

Ion	Ratio	Lower	Upper
169	100		
168	68.6	55.0	82.4
167	35.9	27.4	41.0

169 100

168 68.6 55.0 82.4

167 35.9 27.4 41.0

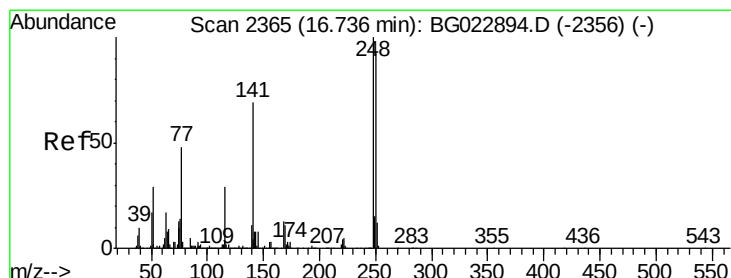
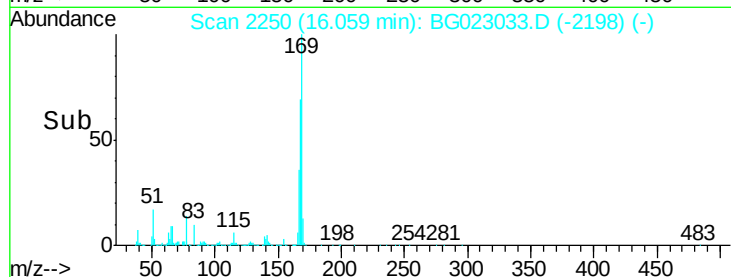
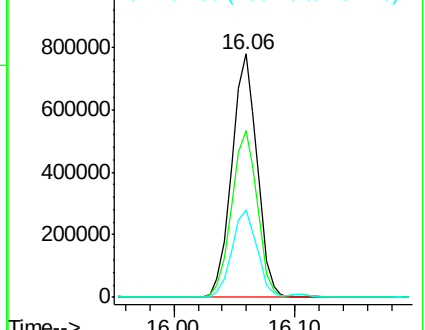


Abundance

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: 37.59 ng

RT: 16.74 min Scan# 2366

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

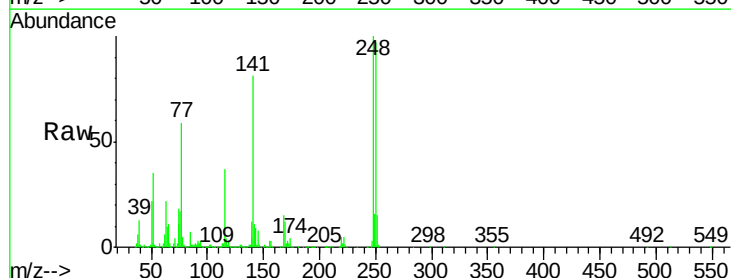
Tgt Ion:248 Resp: 474225

Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.8	116.8
141	81.2	65.7	98.5

248 100

250 97.3 77.8 116.8

141 81.2 65.7 98.5

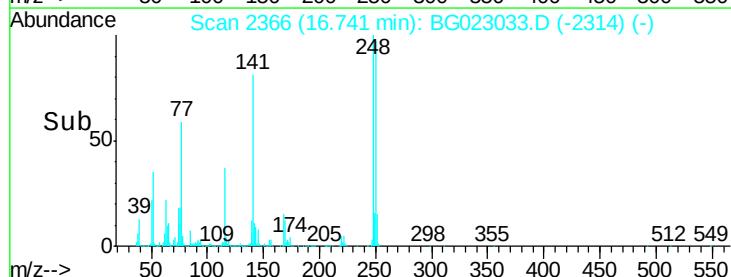
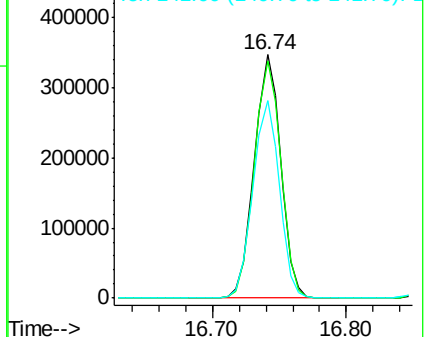


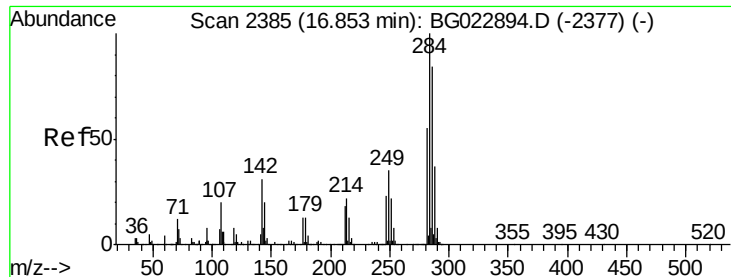
Abundance

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

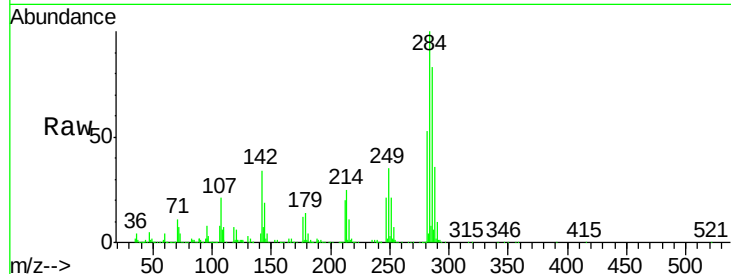




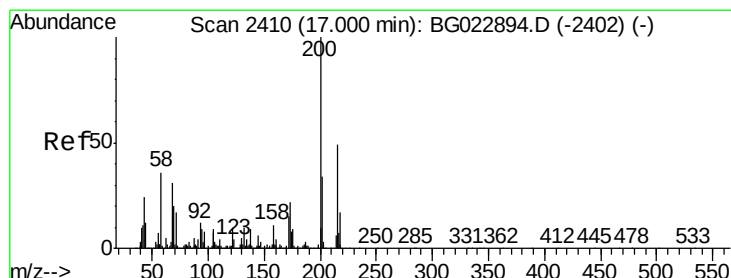
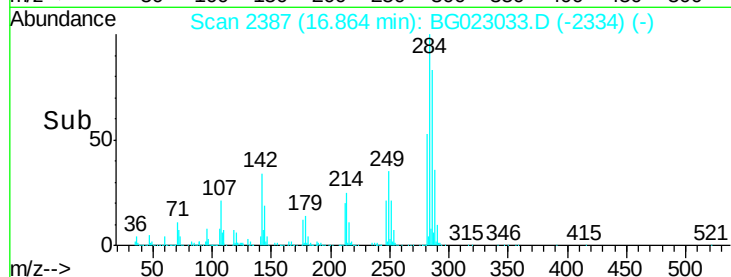
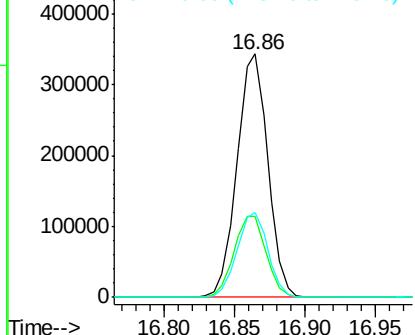
#67
Hexachlorobenzene
Concen: 38.12 ng
RT: 16.86 min Scan# 2387
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.5	26.8	40.2
249	34.9	28.9	43.3

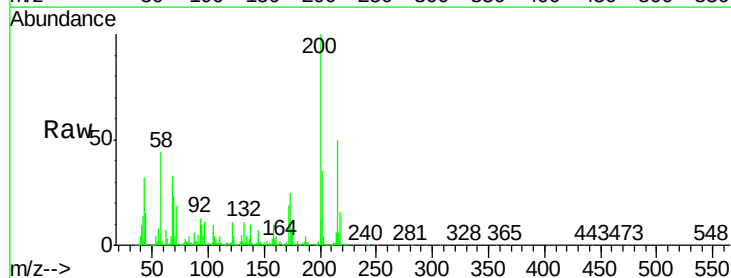


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

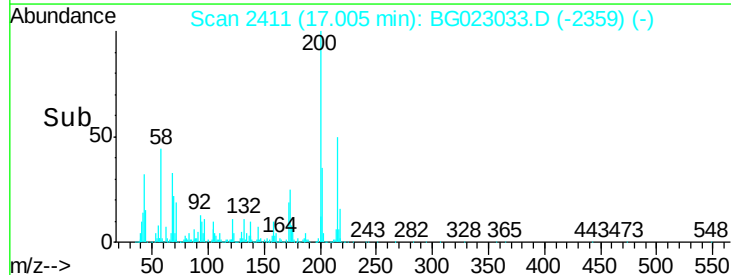
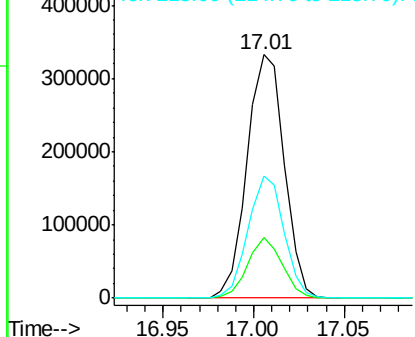


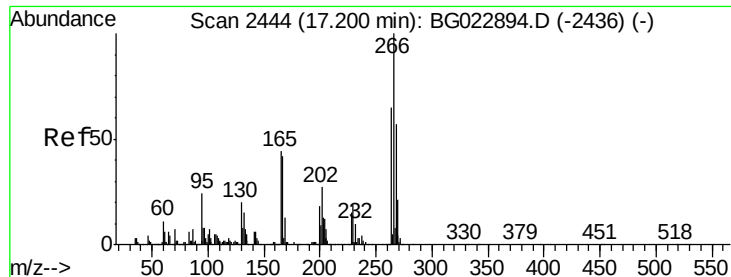
#68
Atrazine
Concen: 38.17 ng
RT: 17.01 min Scan# 2411
Delta R.T. 0.01 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.7	1.6	41.6
215	49.9	28.7	68.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

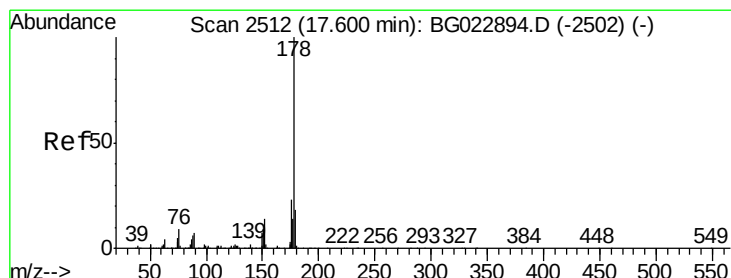
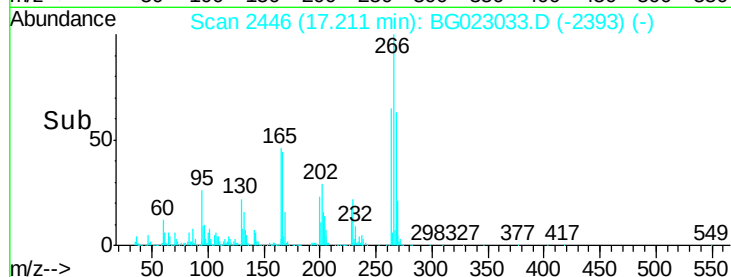
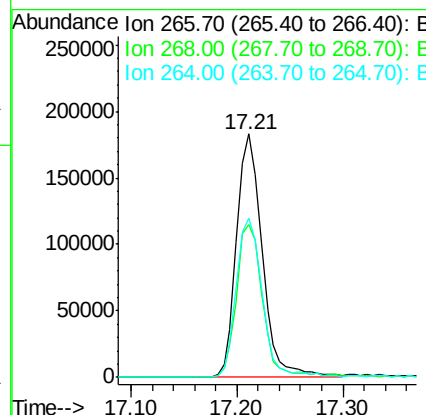
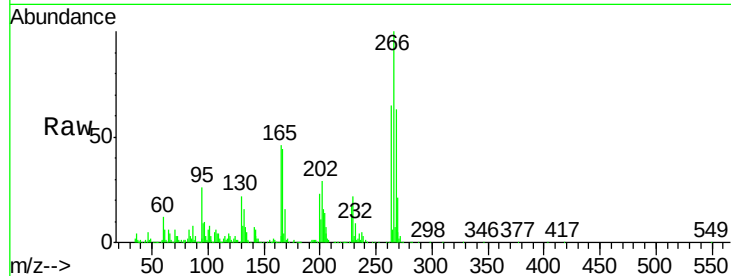




#69
 Pentachlorophenol
 Concen: 34.72 ng
 RT: 17.21 min Scan# 2446
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

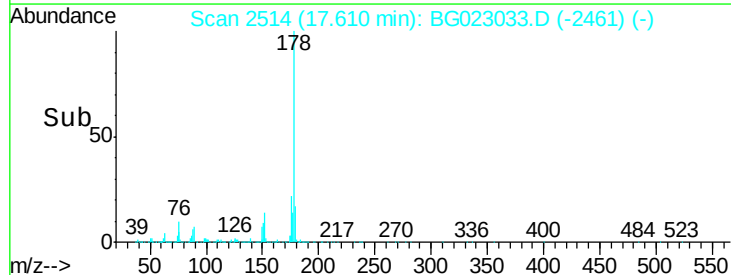
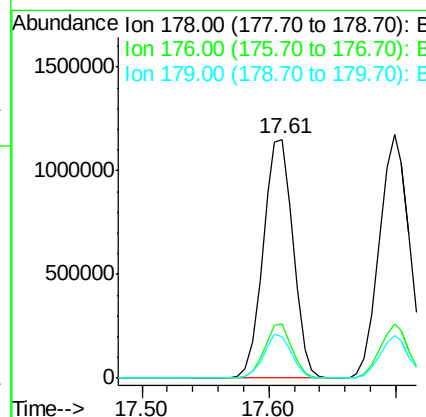
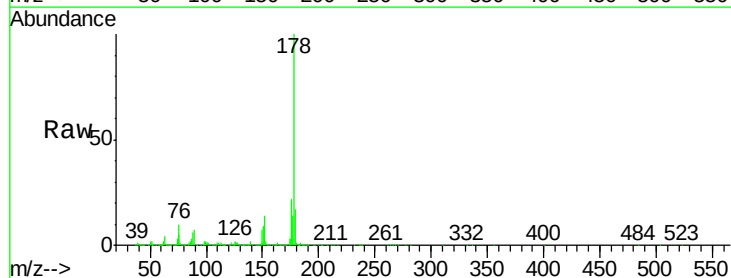
Instrument :
 BNA_G
 ClientSampled :

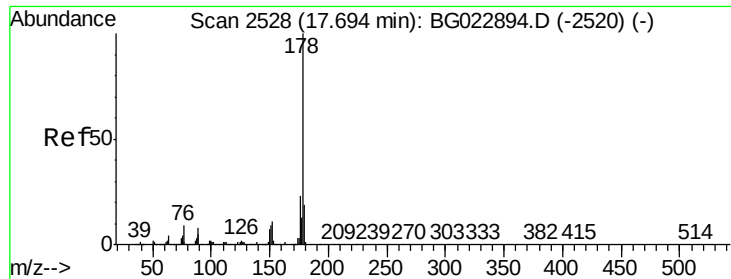
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.9	77.9
264	65.5	50.6	75.8



#70
 Phenanthrene
 Concen: 39.64 ng
 RT: 17.61 min Scan# 2514
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.5	16.8	25.2
179	17.5	14.3	21.5

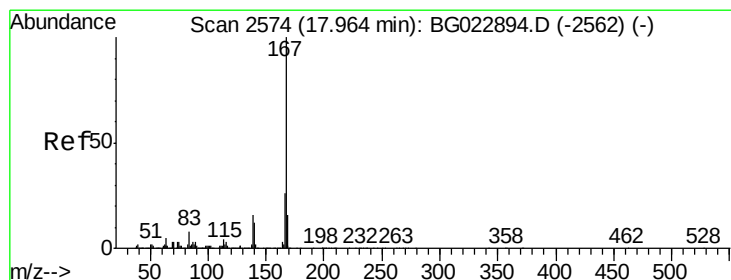
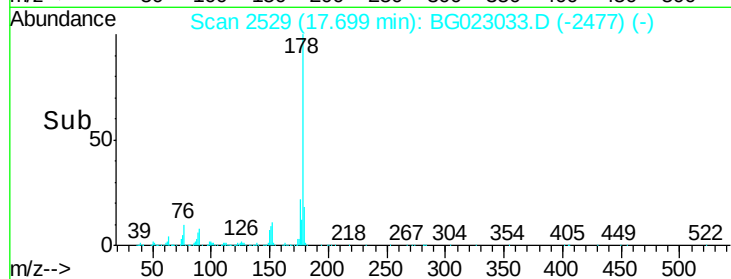
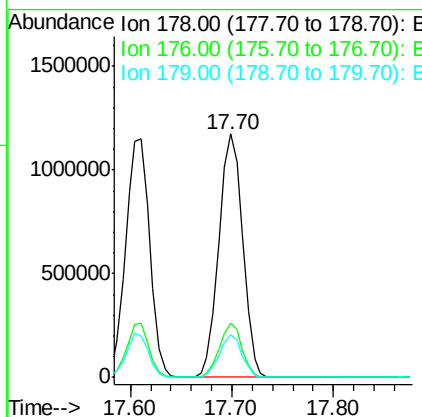
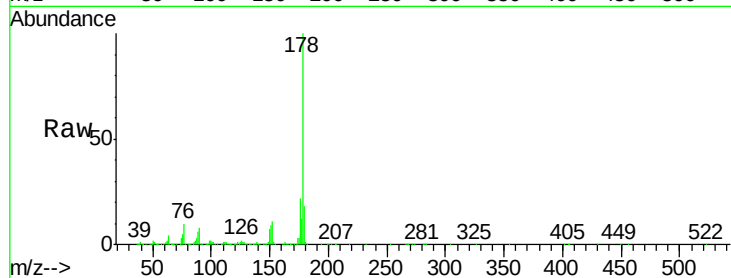




#71
 Anthracene
 Concen: 39.84 ng
 RT: 17.70 min Scan# 2529
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

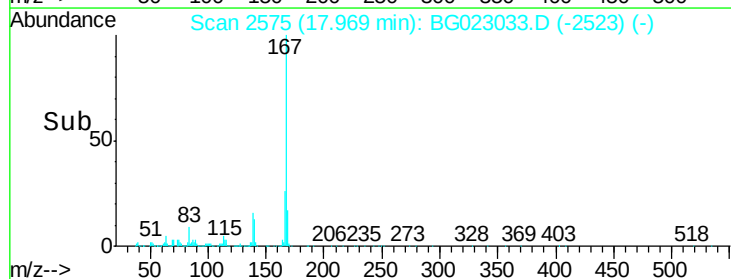
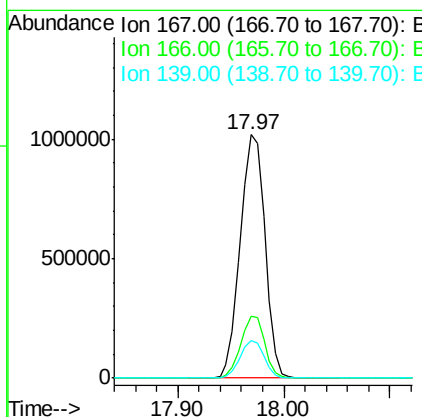
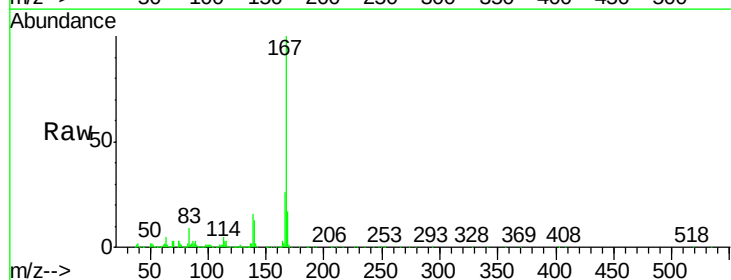
Instrument :
 BNA_G
 ClientSampleId :

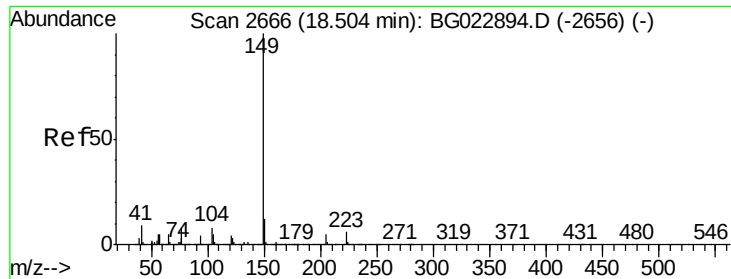
Tot Ion:178 Resp: 1917262
 Ion Ratio Lower Upper
 178 100
 176 22.0 17.3 25.9
 179 17.7 14.0 21.0



#72
 Carbazole
 Concen: 39.82 ng
 RT: 17.97 min Scan# 2575
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Tgt Ion:167 Resp: 1655791
 Ion Ratio Lower Upper
 167 100
 166 25.6 20.7 31.1
 139 15.5 11.9 17.9





#73

Di-n-butylphthalate

Concen: 41.87 ng

RT: 18.51 min Scan# 2667

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

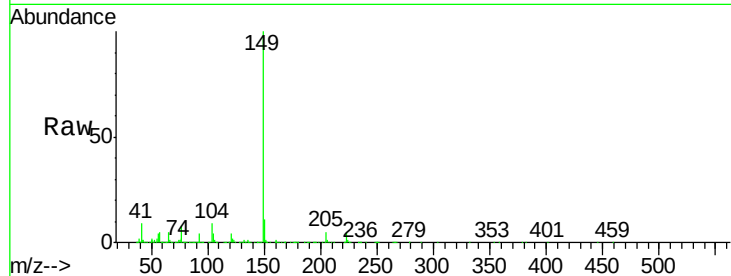
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 1936070

Ion	Ratio	Lower	Upper
149	100		
150	11.5	9.1	13.7
104	8.6	6.9	10.3

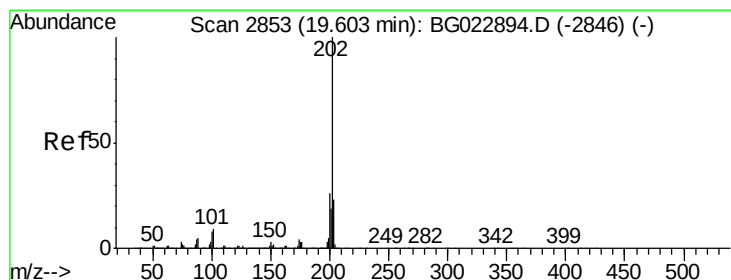
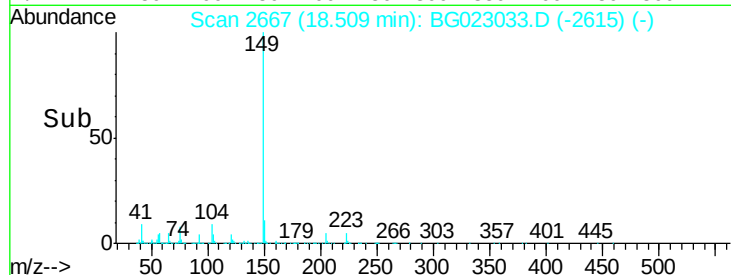
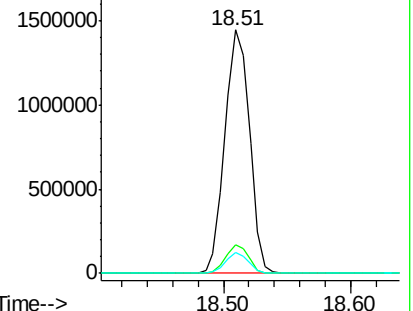


Abundance

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: 37.94 ng

RT: 19.61 min Scan# 2855

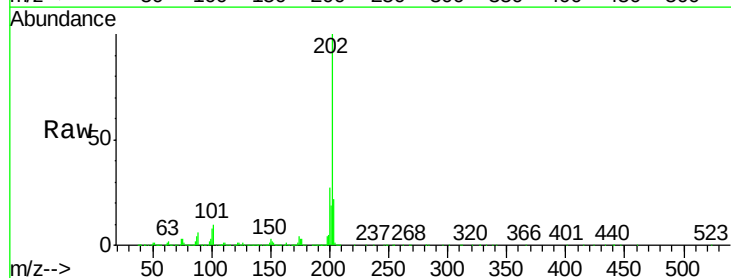
Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Tgt Ion:202 Resp: 2212651

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	27.4
203	21.9	1.7	41.7

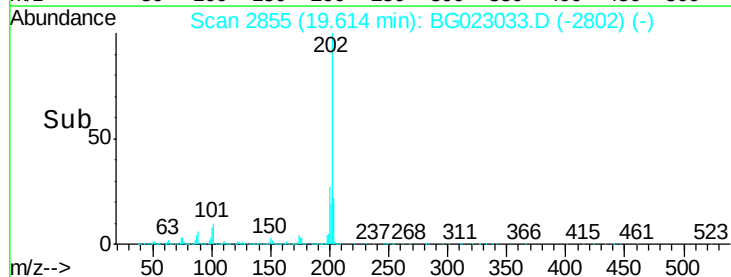
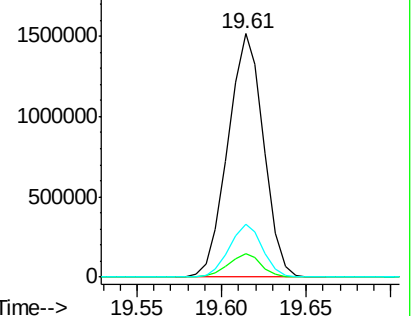


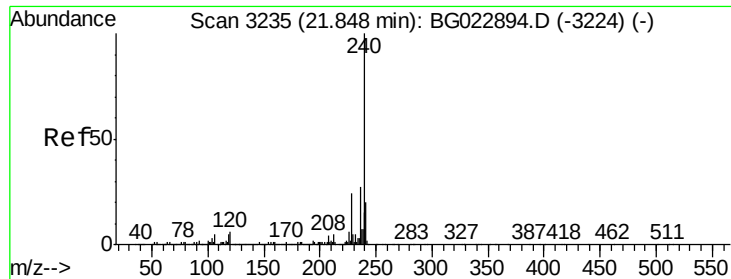
Abundance

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

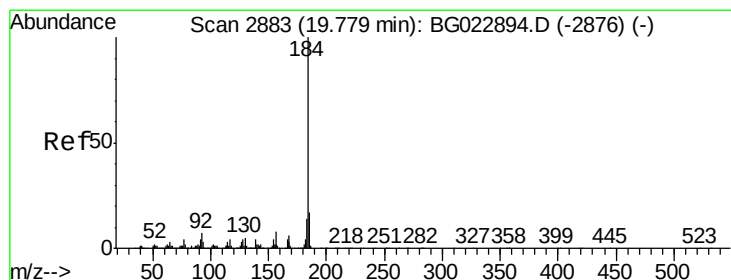
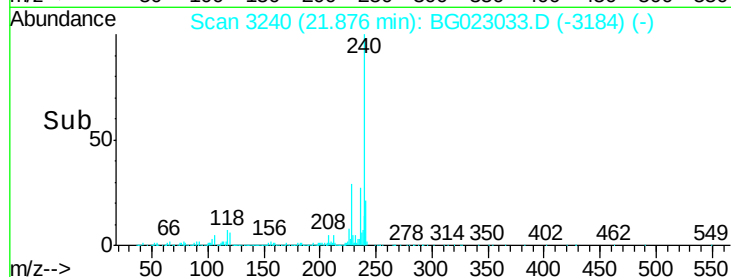
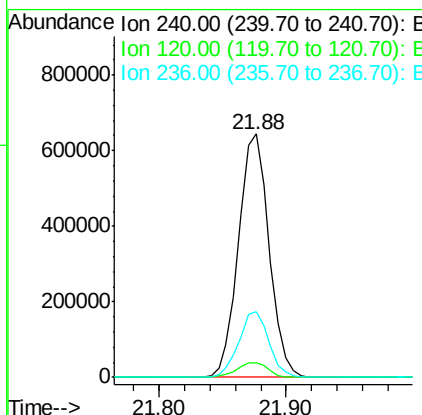
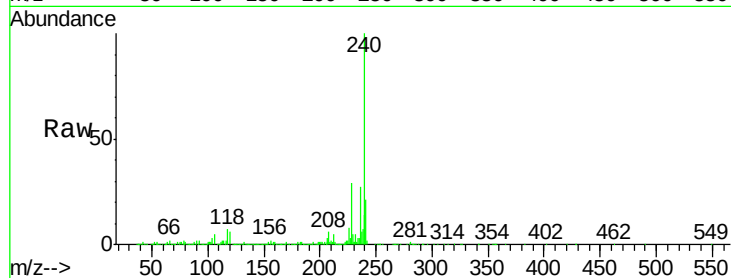




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.88 min Scan# 3240
 Delta R.T. 0.03 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

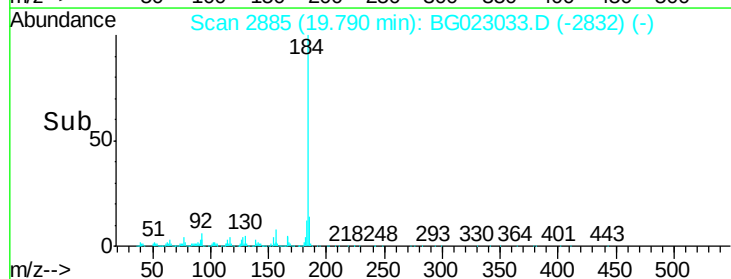
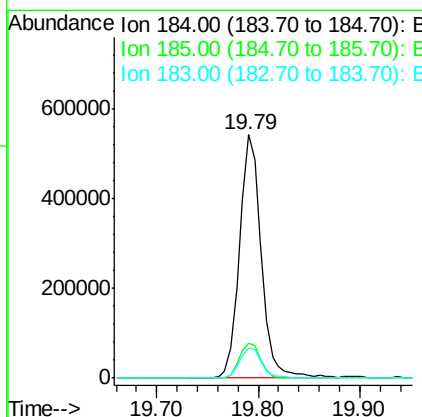
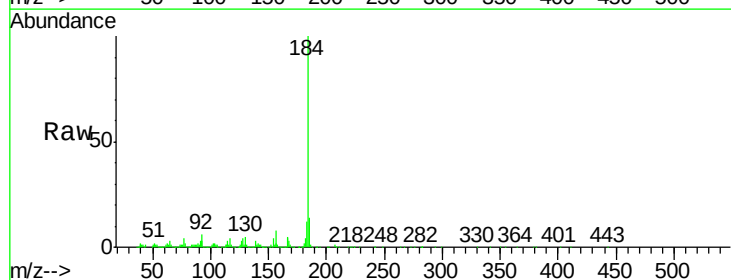
Instrument :
 BNA_G
 ClientSampleId :

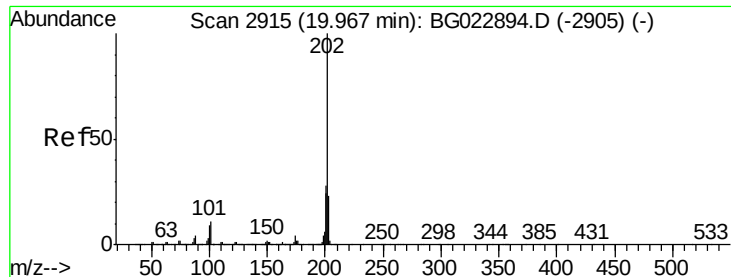
Tot Ion:240 Resp: 1074433
 Ion Ratio Lower Upper
 240 100
 120 6.1 4.1 6.1#
 236 27.1 21.1 31.7



#76
 Benzidine
 Concen: 26.22 ng
 RT: 19.79 min Scan# 2885
 Delta R.T. 0.01 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Tgt Ion:184 Resp: 807739
 Ion Ratio Lower Upper
 184 100
 185 14.4 12.6 19.0
 183 12.4 10.7 16.1





#77

Pvrene

Concen: 37.84 ng

RT: 19.98 min Scan# 2917

Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

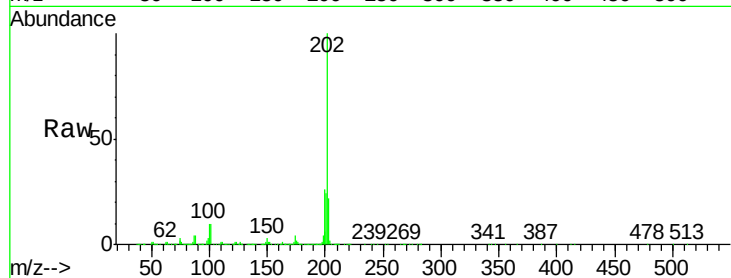
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 2284626

Ion	Ratio	Lower	Upper
202	100		
200	26.0	21.2	31.8
203	21.6	16.8	25.2

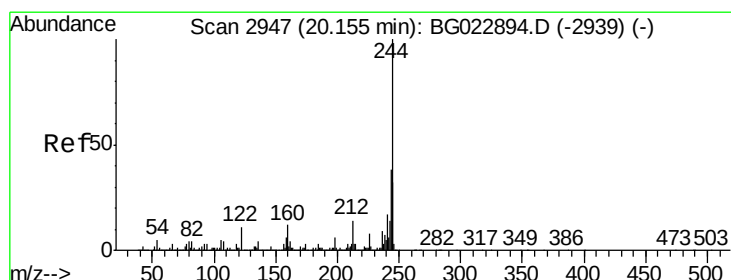
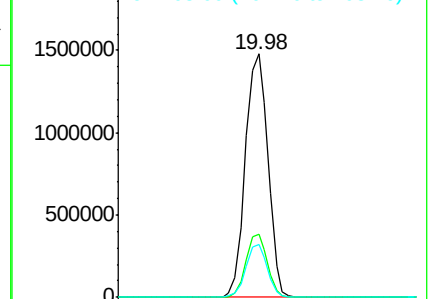
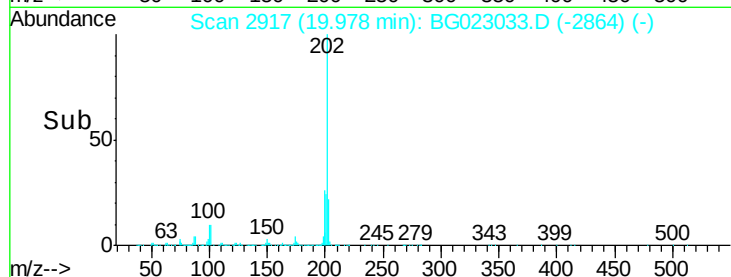


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.84 ng

RT: 20.17 min Scan# 2949

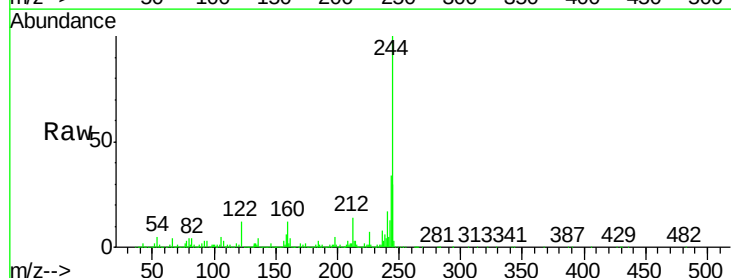
Delta R.T. 0.01 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Tgt Ion:244 Resp: 2790023

Ion	Ratio	Lower	Upper
244	100		
212	13.6	10.8	16.2
122	11.8	8.0	12.0

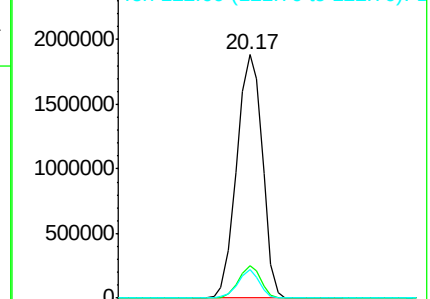
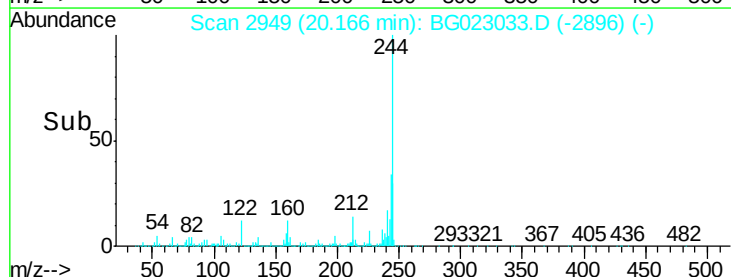


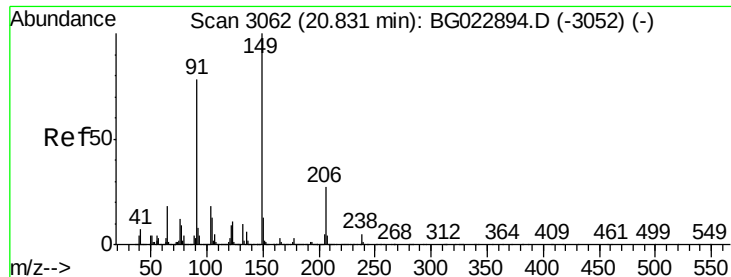
Abundance

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: 41.21 ng

RT: 20.85 min Scan# 3065

Delta R.T. 0.02 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampled :

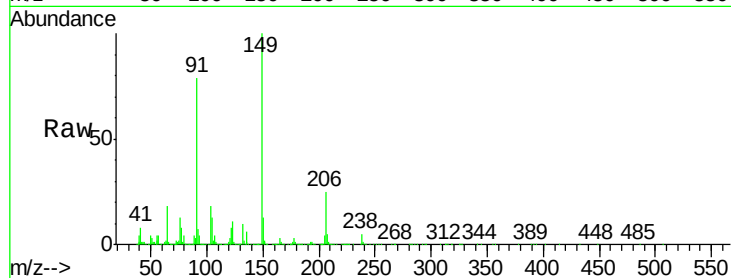
Tot Ion:149 Resp: 985424

Ion Ratio Lower Upper

149 100

91 79.3 68.1 102.1

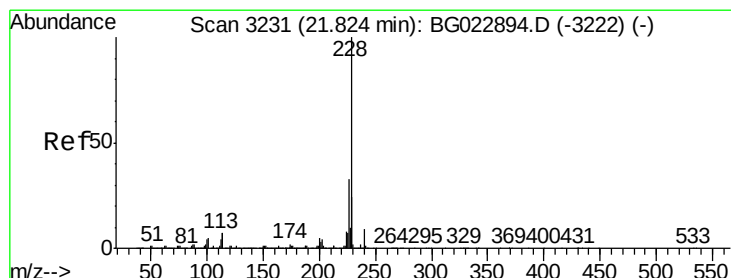
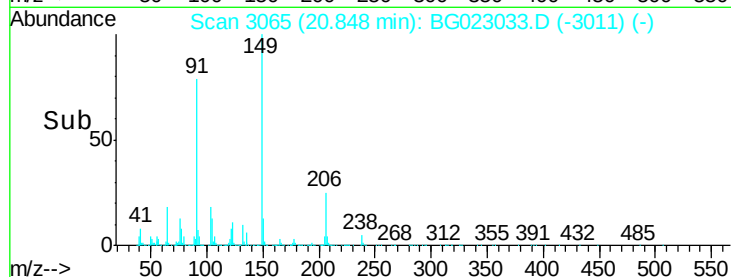
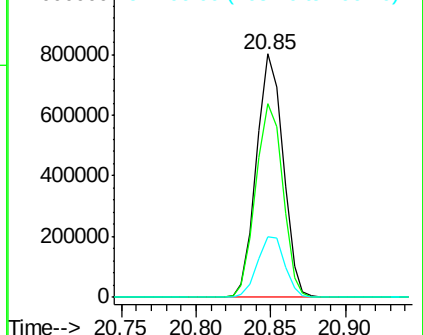
206 24.7 19.8 29.6



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: 39.25 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.03 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

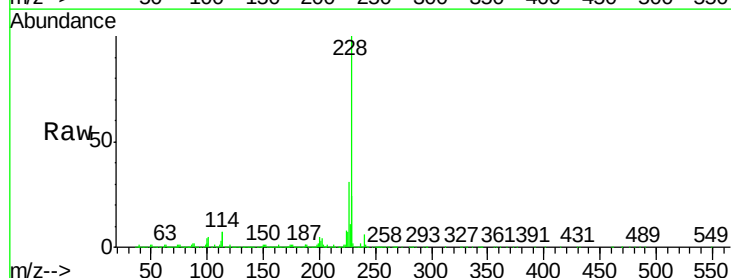
Tgt Ion:228 Resp: 2359458

Ion Ratio Lower Upper

228 100

226 30.7 25.3 37.9

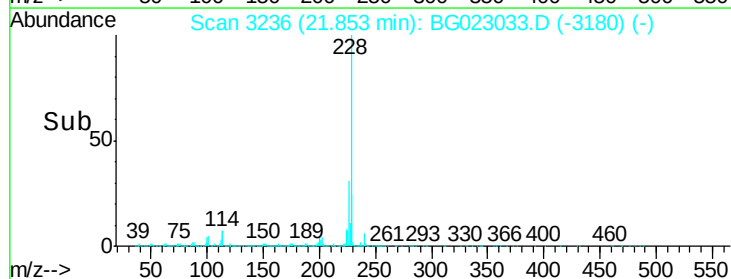
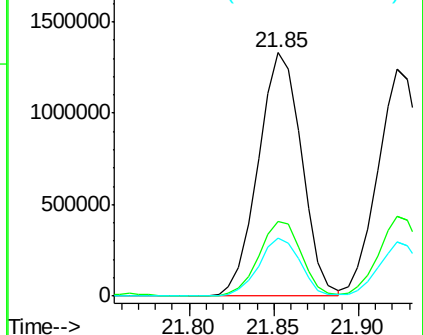
229 23.9 19.9 29.9

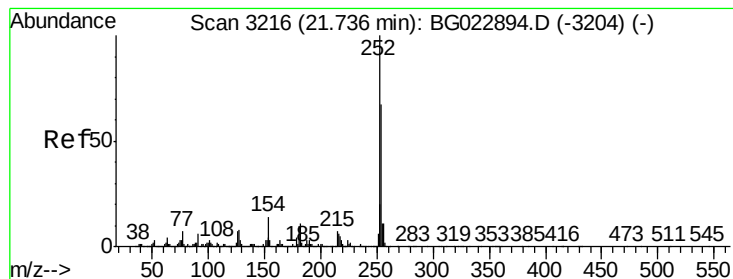


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 38.34 ng

RT: 21.76 min Scan# 3221

Delta R.T. 0.03 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

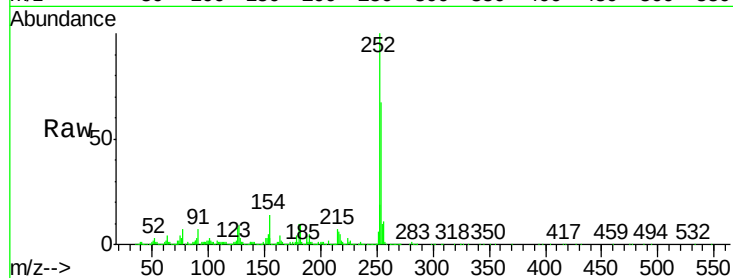
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1011610

Ion	Ratio	Lower	Upper
252	100		
254	67.1	51.2	76.8
126	8.1	5.3	7.9#

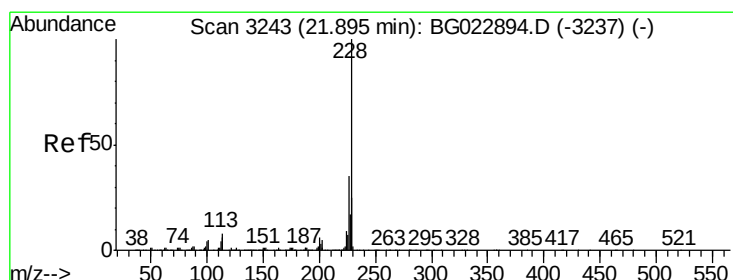
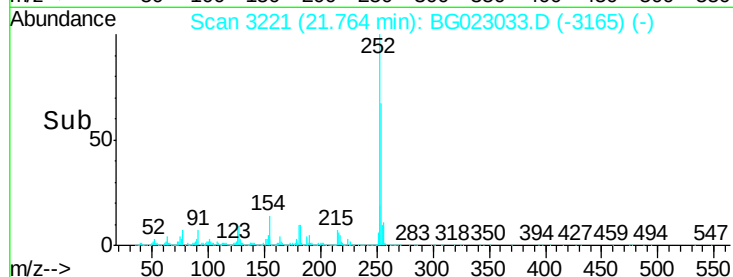
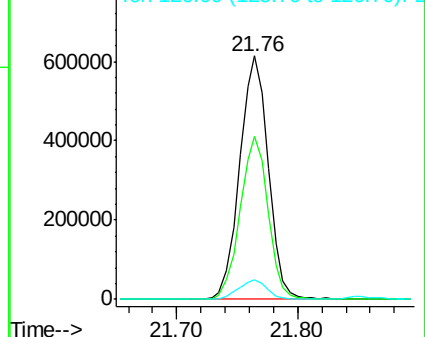


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 39.43 ng

RT: 21.92 min Scan# 3248

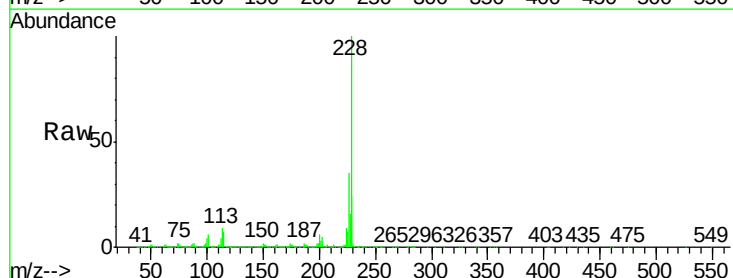
Delta R.T. 0.03 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Tgt Ion:228 Resp: 2223642

Ion	Ratio	Lower	Upper
228	100		
226	35.3	26.7	40.1
229	24.1	17.4	26.2

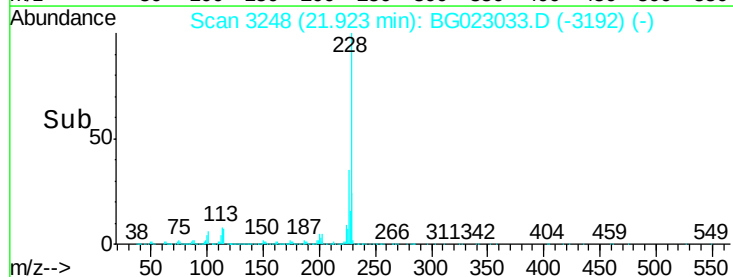
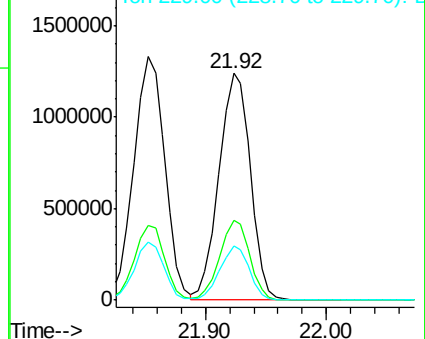


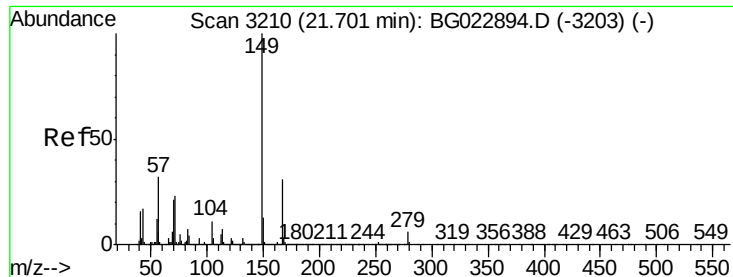
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.97 ng

RT: 21.74 min Scan# 3216

Delta R.T. 0.03 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

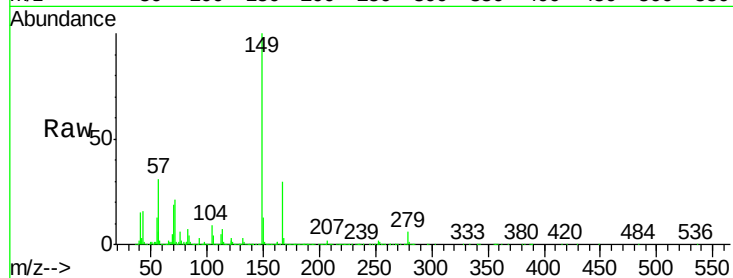
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 1360610

Ion	Ratio	Lower	Upper
149	100		
167	30.4	24.0	36.0
279	6.0	4.8	7.2

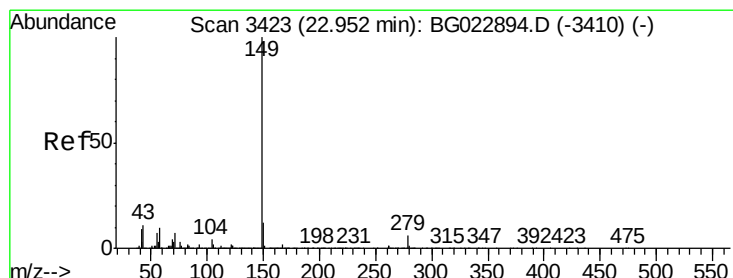
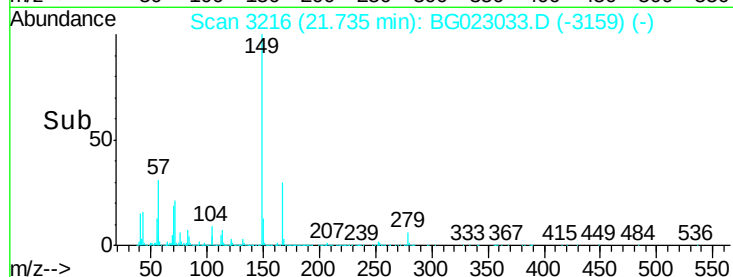
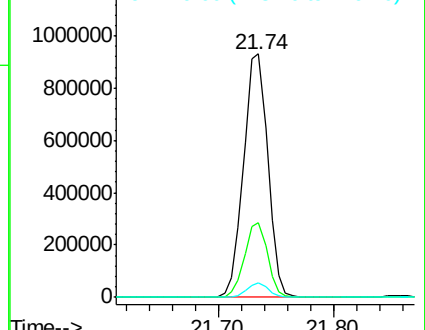


Abundance

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: 41.04 ng

RT: 23.00 min Scan# 3431

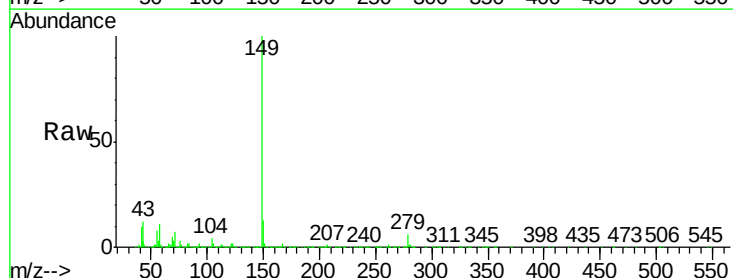
Delta R.T. 0.05 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Tgt Ion:149 Resp: 2272900

Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.5	2.3
43	10.5	8.8	13.2

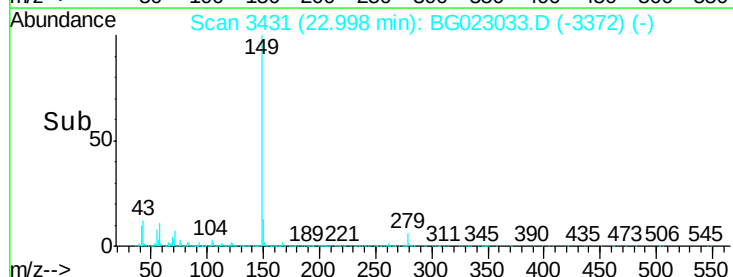
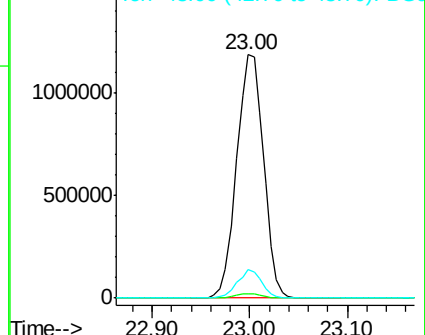


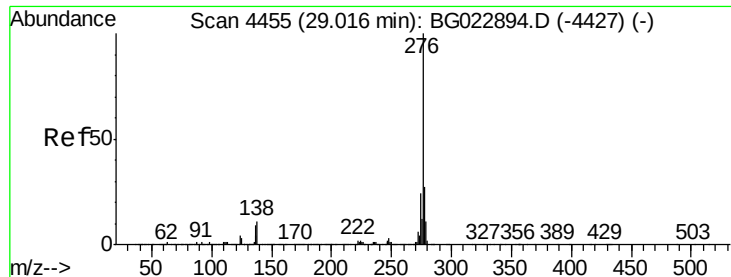
Abundance

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): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.16 ng

RT: 29.14 min Scan# 4476

Delta R.T. 0.12 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

Instrument :

BNA_G

ClientSampleId :

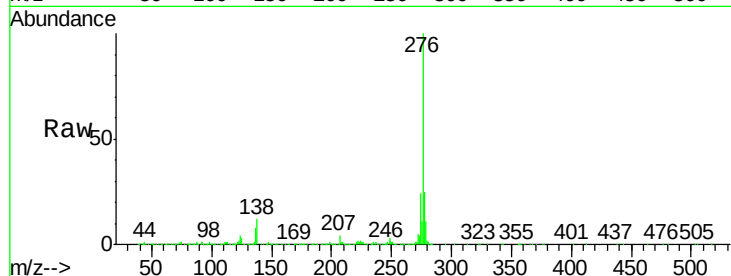
Tot Ion:276 Resp: 2671596

Ion Ratio Lower Upper

276 100

138 5.8 0.0 0.0#

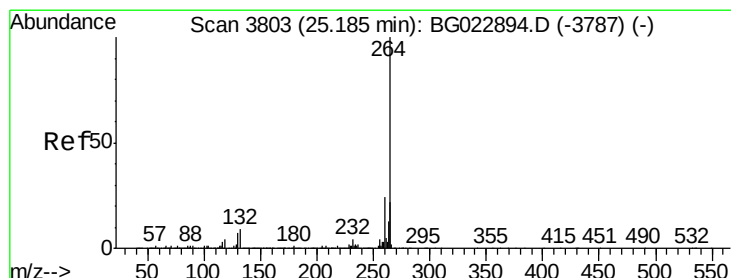
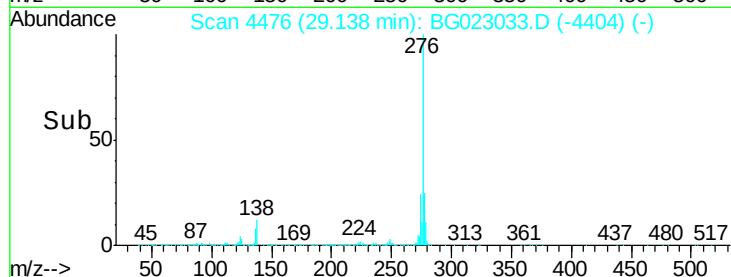
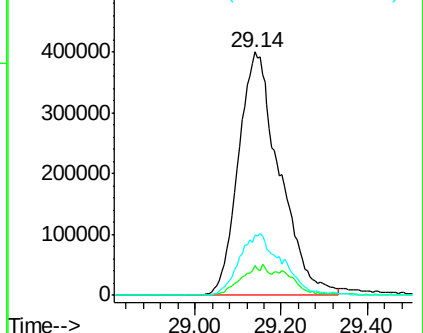
277 26.2 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3816

Delta R.T. 0.08 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

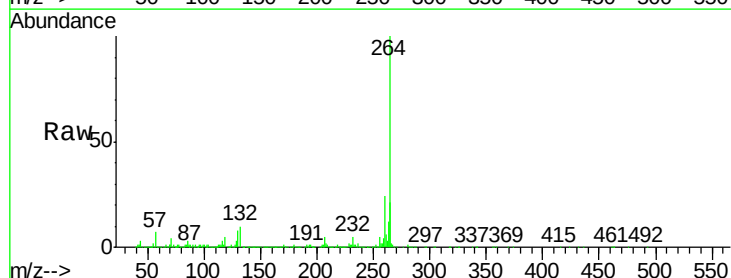
Tgt Ion:264 Resp: 1099460

Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

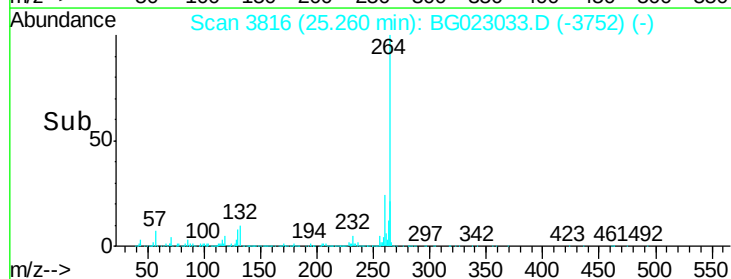
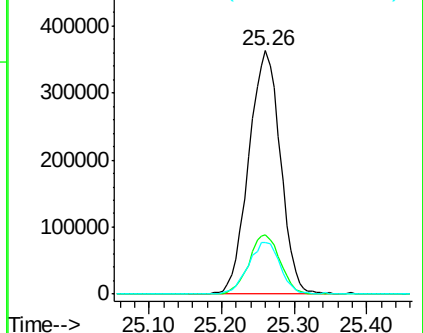
265 21.4 18.9 28.3

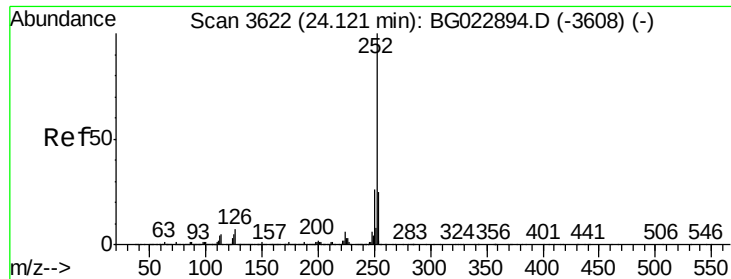


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

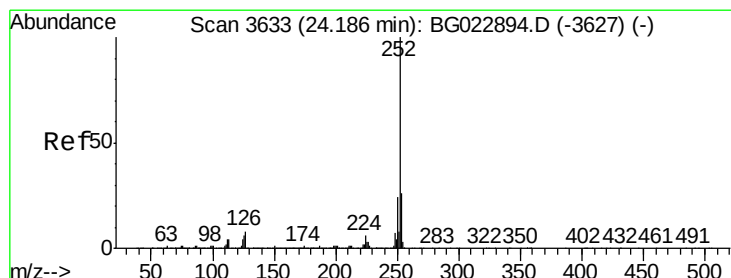
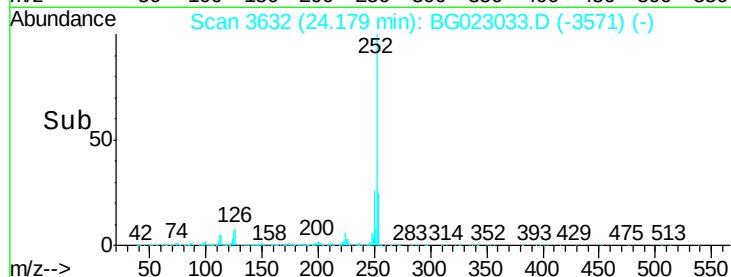
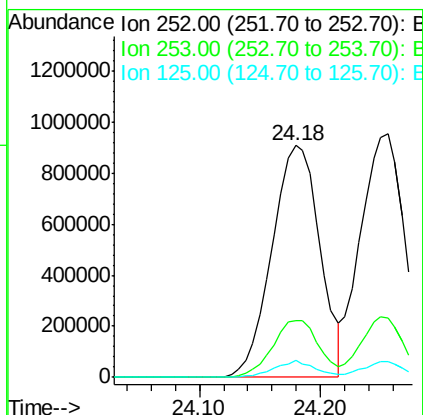
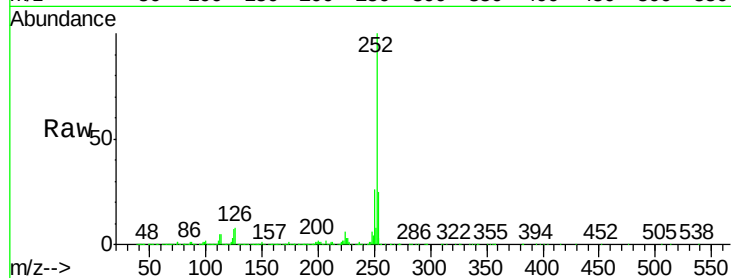




#87
Benzo(b)fluoranthene
Concen: 39.40 ng
RT: 24.18 min Scan# 3632
Delta R.T. 0.06 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

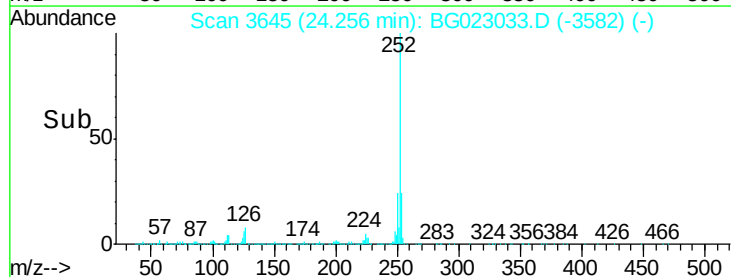
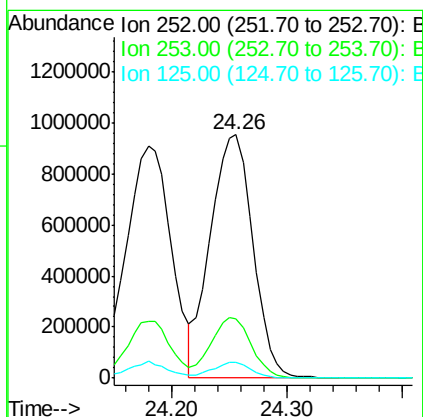
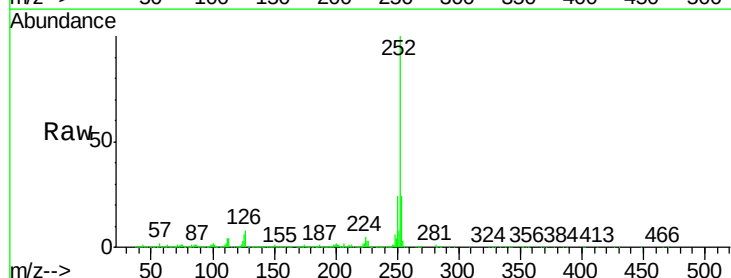
Instrument :
BNA_G
ClientSampleId :

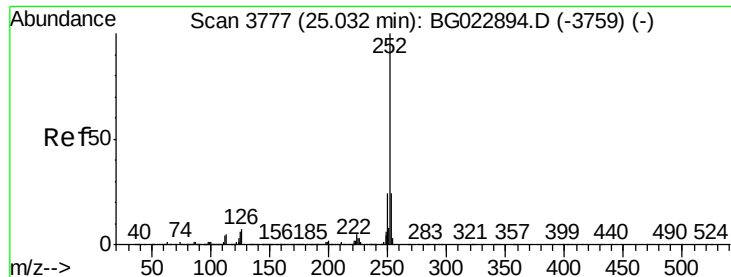
Tot Ion:252 Resp: 2499356
Ion Ratio Lower Upper
252 100
253 24.6 18.9 28.3
125 7.2 3.9 5.9#



#88
Benzo(k)fluoranthene
Concen: 40.34 ng
RT: 24.26 min Scan# 3645
Delta R.T. 0.07 min
Lab File: BG023033.D
Acq: 12 Jul 2016 12:45

Tgt Ion:252 Resp: 2428156
Ion Ratio Lower Upper
252 100
253 24.4 18.8 28.2
125 6.3 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 39.57 ng

RT: 25.10 min Scan# 3789

Delta R.T. 0.07 min

Lab File: BG023033.D

Acq: 12 Jul 2016 12:45

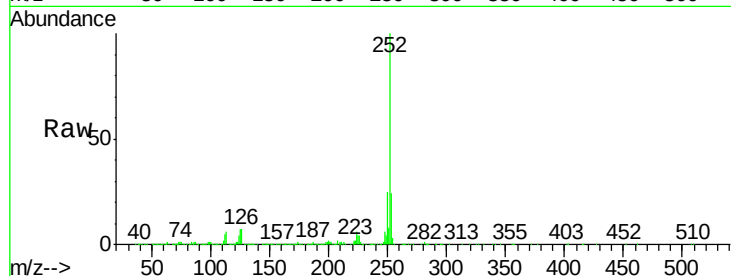
Instrument :

BNA_G

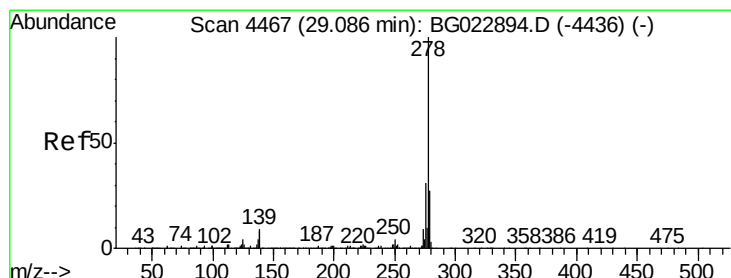
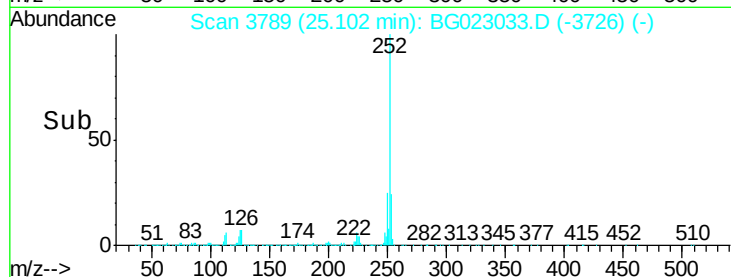
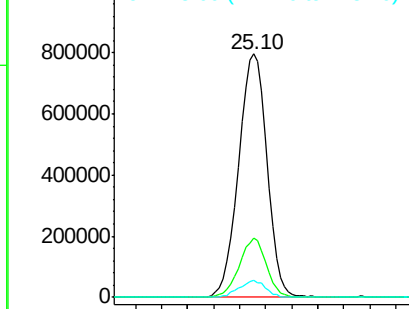
ClientSampleId :

Tot Ion:252 Resp: 2406303

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.7	28.1
125	7.2	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: 38.26 ng

RT: 29.21 min Scan# 4488

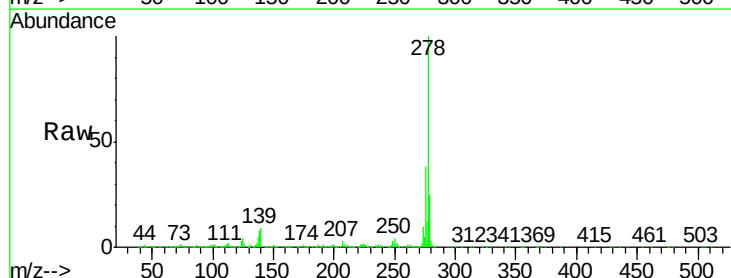
Delta R.T. 0.12 min

Lab File: BG023033.D

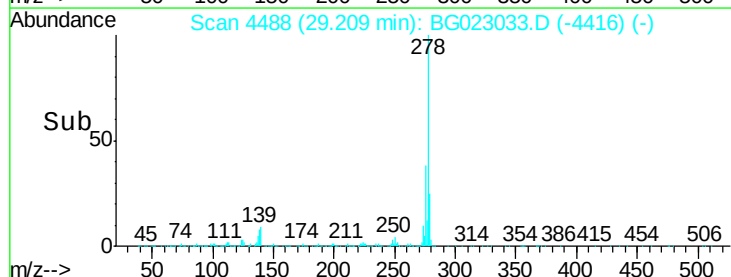
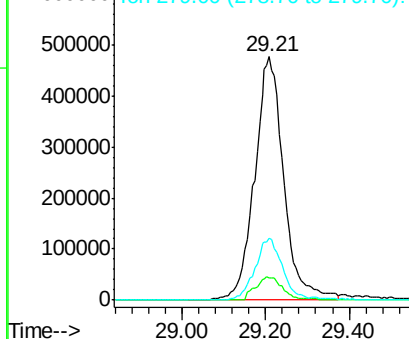
Acq: 12 Jul 2016 12:45

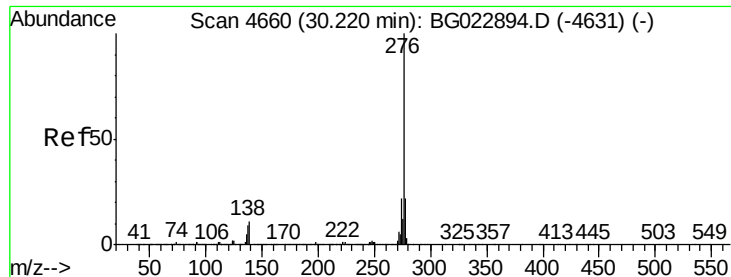
Tgt Ion:278 Resp: 2309173

Ion	Ratio	Lower	Upper
278	100		
139	9.1	4.7	7.1#
279	25.3	18.3	27.5



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 37.29 ng
 RT: 30.35 min Scan# 4683
 Delta R.T. 0.13 min
 Lab File: BG023033.D
 Acq: 12 Jul 2016 12:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 2254015
 Ion Ratio Lower Upper
 276 100
 277 24.8 18.6 27.8
 138 13.3 6.8 10.2#

