

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072716\
 Data File : BG023296.D
 Acq On : 27 Jul 2016 23:41
 Operator : UM/SJ
 Sample : H4175-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

Quant Time: Jul 28 01:17:02 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	241008	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	973347	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	669847	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	1156599	20.00	ng	0.00
75) Chrysene-d12	21.91	240	1091282	20.00	ng	0.02
86) Perylene-d12	25.30	264	1158072	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	38704	2.74	ng	0.00
7) Phenol-d6	7.34	99	155762	7.19	ng	0.05
23) Nitrobenzene-d5	9.32	82	1352113	67.93	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	11925	1.72	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2468099	68.96	ng	0.00
78) Terphenyl-d14	20.20	244	2250841	67.05	ng	0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	1648	0.27	ng	# 1
3) Pyridine	3.99	79	1976	0.09	ng	# 61
4) n-Nitrosodimethylamine	3.85	42	948	0.10	ng	# 1
6) Aniline	7.46	93	172	0.01	ng	# 40
8) 2-Chlorophenol	7.71	128	3195	0.20	ng	# 88
9) Benzaldehyde	7.27	77	29105	1.87	ng	# 90
10) Phenol	7.37	94	387123	16.93	ng	# 78
11) bis(2-Chloroethyl)ether	7.49	93	251	0.01	ng	# 97
12) 1,3-Dichlorobenzene	8.09	146	81	0.00	ng	# 18
13) 1,4-Dichlorobenzene	8.17	146	157	0.01	ng	# 1
14) 1,2-Dichlorobenzene	8.50	146	213	0.01	ng	# 3
15) Benzyl Alcohol	8.42	79	2365073	162.14	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.68	45	1769	0.06	ng	# 1
17) 2-Methylphenol	8.60	107	194187	12.42	ng	# 89
18) Hexachloroethane	9.25	117	59	0.01	ng	# 32
19) n-Nitroso-di-n-propylamine	8.95	70	555	0.03	ng	# 53
20) 3+4-Methylphenols	8.92	107	283708	13.35	ng	# 89
22) Acetophenone	8.98	105	2403084	94.56	ng	# 92
24) Nitrobenzene	9.32	77	4950	0.21	ng	# 66
25) Isophorone	9.87	82	1836	0.04	ng	# 77
26) 2-Nitrophenol	10.08	139	212	0.02	ng	# 1
27) 2,4-Dimethylphenol	10.25	122	138680	9.42	ng	# 1
28) bis(2-Chloroethoxy)methane	10.39	93	499	0.02	ng	# 27
29) 2,4-Dichlorophenol	10.63	162	333	0.02	ng	# 1
30) 1,2,4-Trichlorobenzene	10.83	180	62	0.00	ng	# 1
31) Naphthalene	11.01	128	732	0.02	ng	# 76
32) Benzoic acid	10.25	122	138680	17.73	ng	# 84
33) 4-Chloroaniline	11.22	127	1555	0.07	ng	# 1
34) Hexachlorobutadiene	11.32	225	61	0.01	ng	# 1
35) Caprolactam	11.87	113	7138	1.18	ng	# 1
36) 4-Chloro-3-methylphenol	12.28	107	1637	0.09	ng	# 80
37) 2-Methylnaphthalene	12.63	142	2542	0.08	ng	# 63
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	54	0.00	ng	# 1
40) Hexachlorocyclopentadiene	12.99	237	108	0.01	ng	# 26

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072716\
 Data File : BG023296.D
 Acq On : 27 Jul 2016 23:41
 Operator : UM/SJ
 Sample : H4175-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

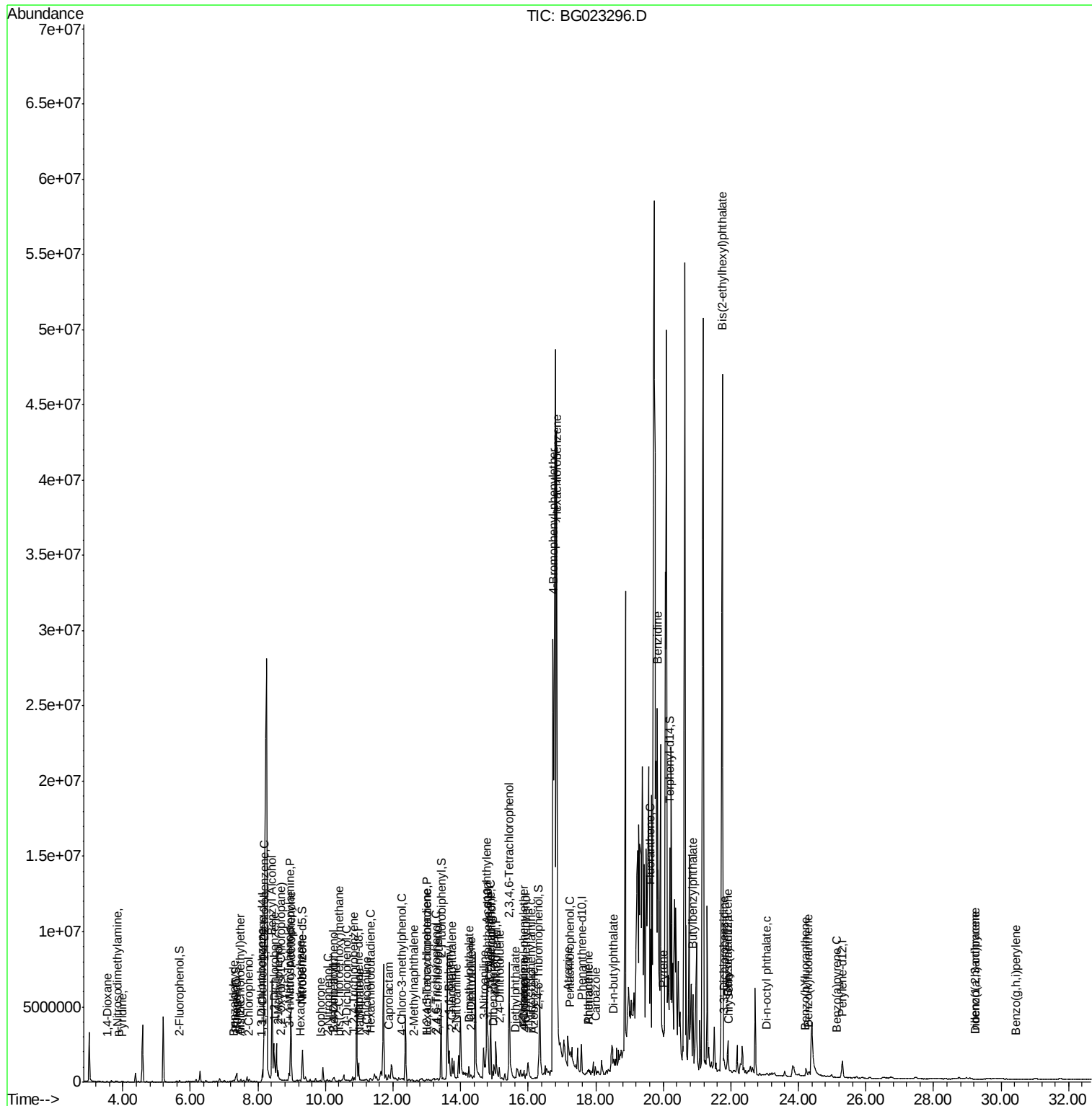
Quant Time: Jul 28 01:17:02 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

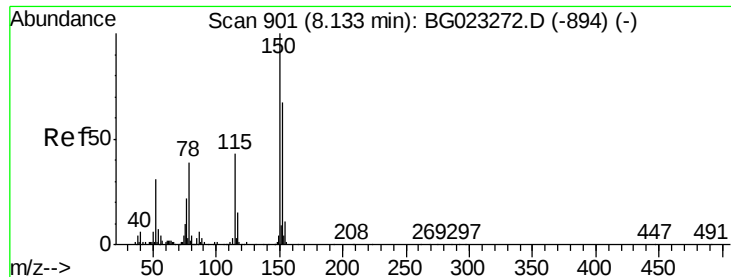
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	1660	0.13	ng	# 11
43) 2,4,5-Trichlorophenol	13.34	196	955	0.07	ng	# 1
45) 1,1'-Biphenyl	13.64	154	326034	6.98	ng	96
46) 2-Chloronaphthalene	13.72	162	502	0.01	ng	# 83
47) 2-Nitroaniline	13.88	65	588	0.04	ng	# 83
48) Acenaphthylene	14.78	152	755368	13.18	ng	# 44
49) Dimethylphthalate	14.25	163	452555	9.16	ng	99
50) 2,6-Dinitrotoluene	14.32	165	1670	0.14	ng	# 1
51) Acenaphthene	14.89	154	34199	0.92	ng	# 1
52) 3-Nitroaniline	14.71	138	750	0.06	ng	# 8
53) 2,4-Dinitrophenol	14.90	184	1429	0.21	ng	# 1
54) Dibenzofuran	14.96	168	19335	0.37	ng	# 93
55) 4-Nitrophenol	15.05	139	6636	0.66	ng	# 38
56) 2,4-Dinitrotoluene	15.15	165	22283	1.37	ng	# 55
57) Fluorene	15.88	166	19764	0.43	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	15.43	232	450	0.04	ng	# 1
59) Diethylphthalate	15.61	149	6907	0.14	ng	# 90
60) 4-Chlorophenyl-phenylether	15.85	204	803	0.03	ng	# 45
61) 4-Nitroaniline	15.89	138	1277	0.10	ng	# 3
62) Azobenzene	16.16	77	14923	0.28	ng	# 13
64) 4,6-Dinitro-2-methylphenol	15.91	198	203	0.03	ng	# 1
65) n-Nitrosodiphenylamine	16.09	169	279	0.01	ng	# 26
66) 4-Bromophenyl-phenylether	16.74	248	510	0.04	ng	# 1
67) Hexachlorobenzene	16.86	284	130	0.01	ng	# 1
68) Atrazine	17.18	200	1349	0.11	ng	88
69) Pentachlorophenol	17.24	266	3496	0.48	ng	# 48
70) Phenanthrene	17.77	178	1808	0.04	ng	97
71) Anthracene	17.77	178	1808	0.04	ng	97
72) Carbazole	17.99	167	2500	0.05	ng	# 1
73) Di-n-butylphthalate	18.52	149	33332	0.64	ng	# 91
74) Fluoranthene	19.62	202	8161	0.14	ng	# 1
76) Benzidine	19.83	184	2860	0.09	ng	# 1
77) Pyrene	20.00	202	4308	0.07	ng	# 7
79) Butylbenzylphthalate	20.88	149	5735	0.21	ng	# 1
80) Benzo(a)anthracene	21.91	228	6349	0.11	ng	# 71
81) 3,3'-Dichlorobenzidine	21.80	252	2737	0.12	ng	# 35
82) Chrysene	21.95	228	2994	0.05	ng	# 92
83) Bis(2-ethylhexyl)phthalate	21.75	149	92070	2.42	ng	# 1
84) Di-n-octyl phthalate	23.05	149	15554	0.25	ng	# 73
85) Indeno(1,2,3-cd)pyrene	29.23	276	517	0.01	ng	# 100
87) Benzo(b)fluoranthene	24.19	252	465	0.01	ng	# 1
88) Benzo(k)fluoranthene	24.29	252	565	0.01	ng	# 1
89) Benzo(a)pyrene	25.13	252	1647	0.03	ng	# 1
90) Dibenzo(a,h)anthracene	29.24	278	906	0.02	ng	# 69
91) Benzo(g,h,i)perylene	30.42	276	592	0.01	ng	# 64

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

```
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072716\  
Data File : BG023296.D  
Acq On    : 27 Jul 2016   23:41  
Operator  : UM/SJ  
Sample    : H4175-02  
Misc      :  
ALS Vial  : 14      Sample Multiplier: 1
```

Quant Time: Jul 28 01:17:02 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

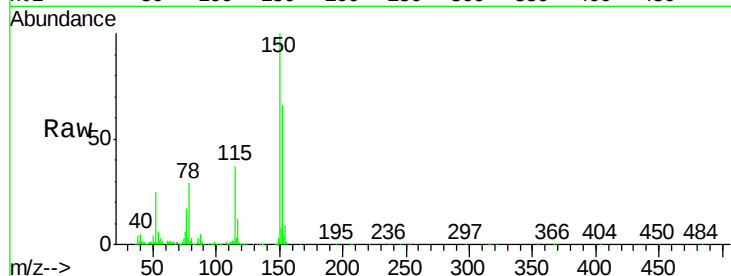
Tgt Ion:152 Resp: 241008

Ion Ratio Lower Upper

152 100

150 152.3 144.7 217.1

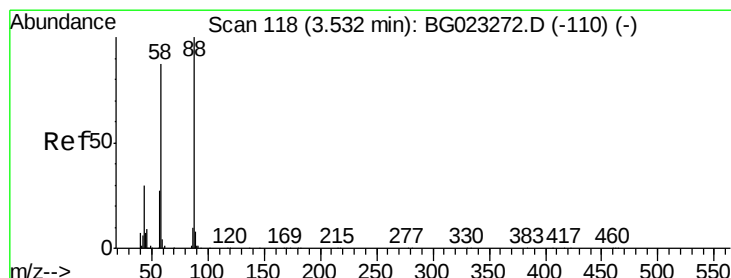
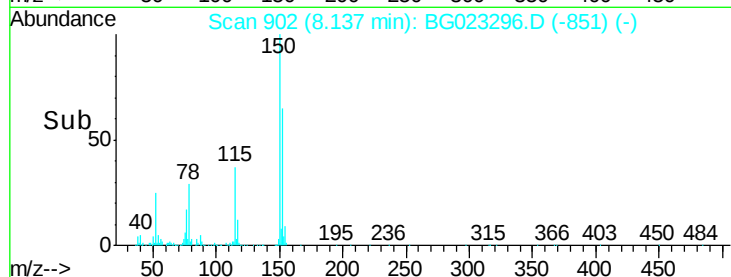
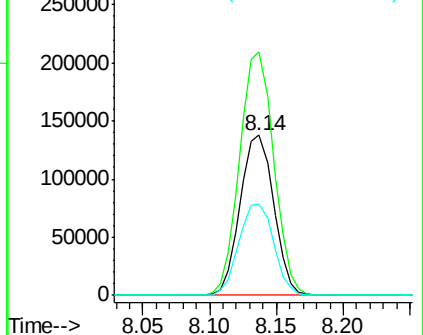
115 56.8 64.0 96.0#



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: 0.27 ng

RT: 3.54 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

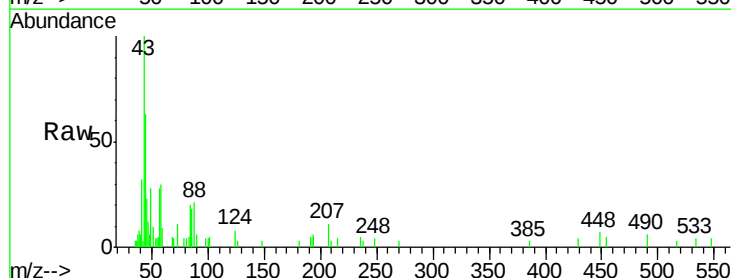
Tgt Ion: 88 Resp: 1648

Ion Ratio Lower Upper

88 100

58 221.9 60.4 90.6#

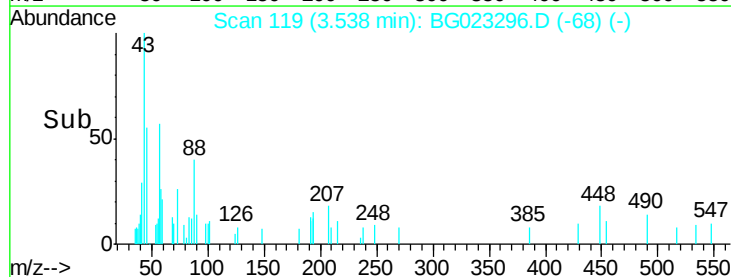
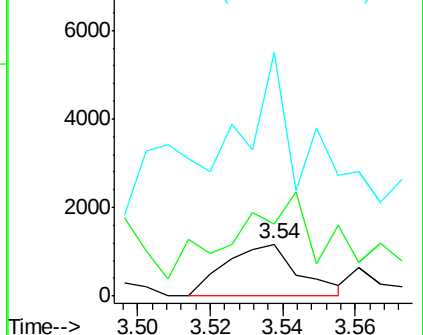
43 217.7 31.1 46.7#

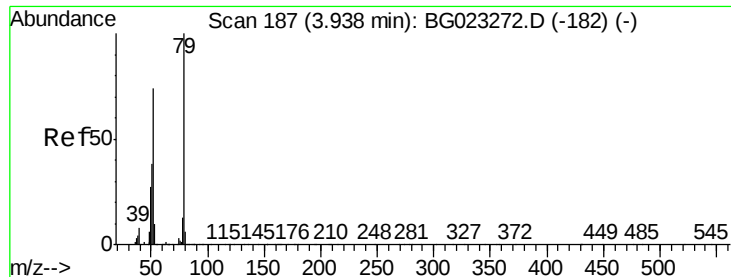


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 0.09 ng

RT: 3.99 min Scan# 196

Delta R.T. 0.03 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

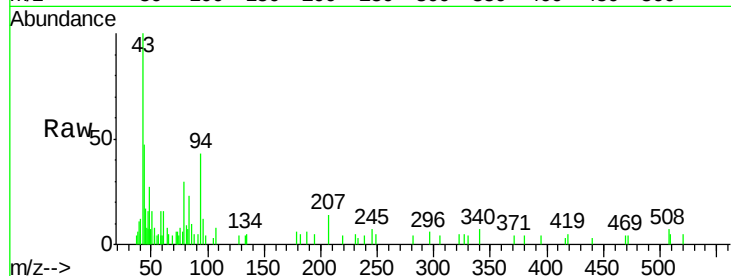
Tgt Ion: 79 Resp: 1976

Ion Ratio Lower Upper

79 100

52 26.2 51.8 77.8#

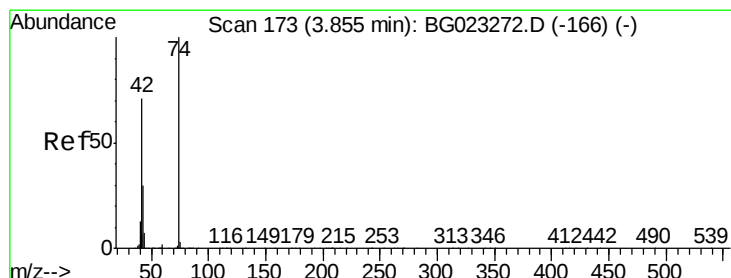
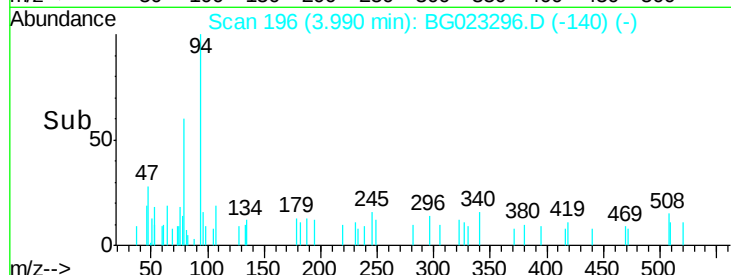
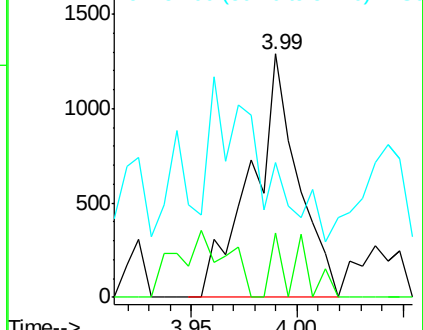
51 55.3 32.7 49.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.10 ng

RT: 3.85 min Scan# 173

Delta R.T. -0.01 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

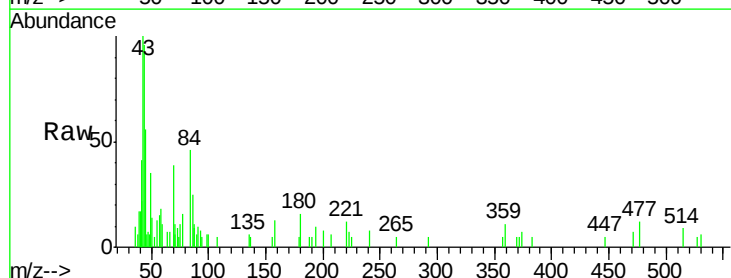
Tgt Ion: 42 Resp: 948

Ion Ratio Lower Upper

42 100

74 21.9 100.6 150.8#

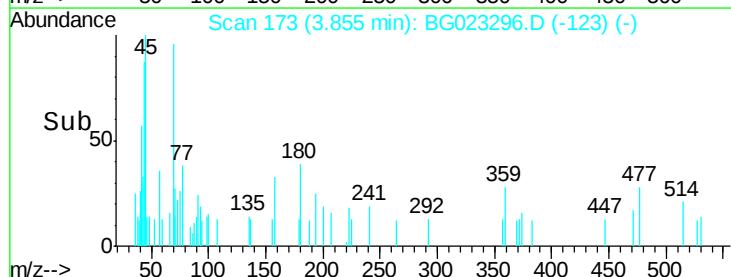
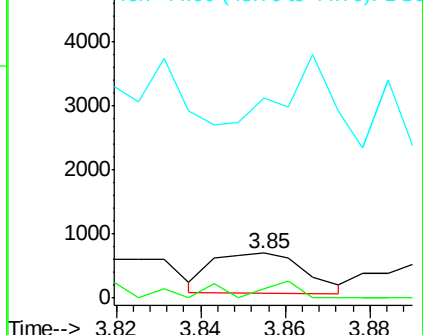
44 446.3 4.5 6.7#

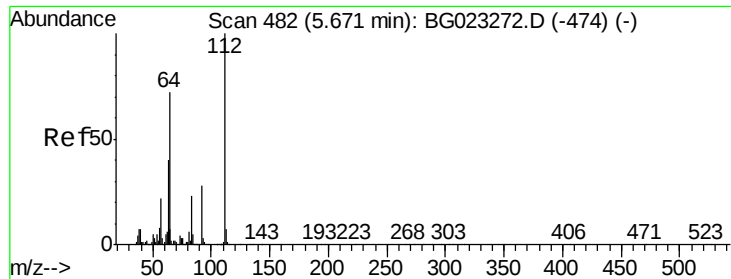


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 2.74 ng

RT: 5.68 min Scan# 484

Delta R.T. 0.01 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

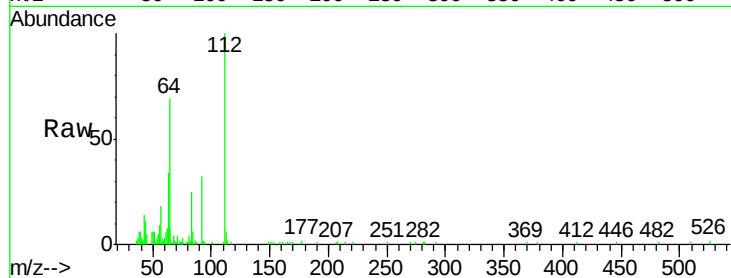
Tgt Ion: 112 Resp: 38704

Ion Ratio Lower Upper

112 100

64 69.4 59.0 88.4

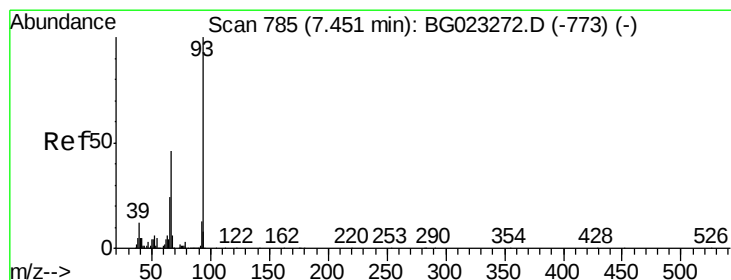
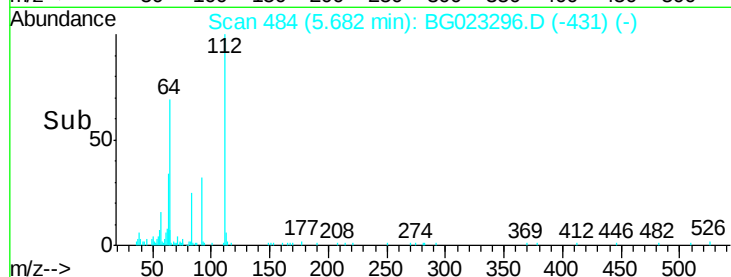
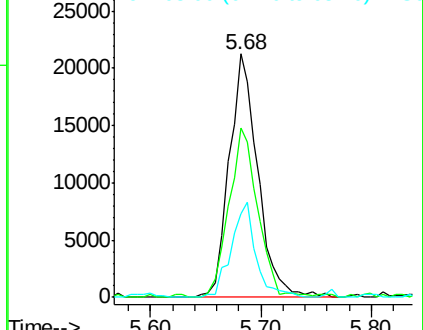
63 34.4 37.8 56.8#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.01 ng

RT: 7.46 min Scan# 787

Delta R.T. 0.01 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

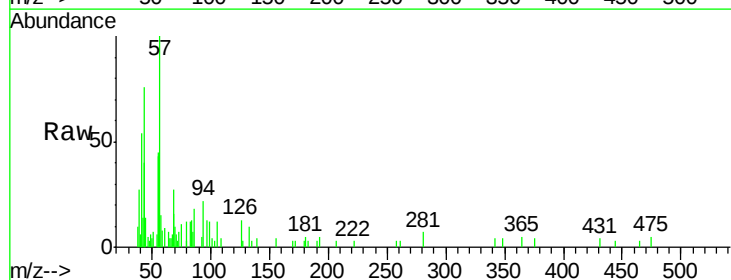
Tgt Ion: 93 Resp: 172

Ion Ratio Lower Upper

93 100

66 70.8 37.5 56.3#

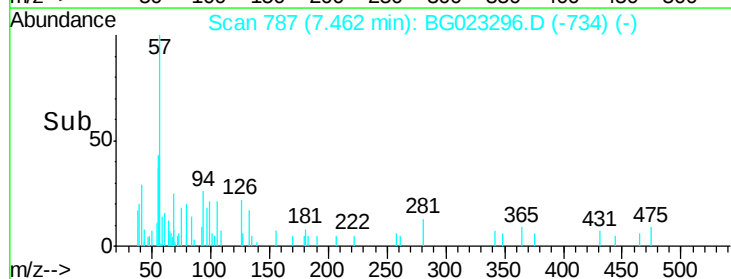
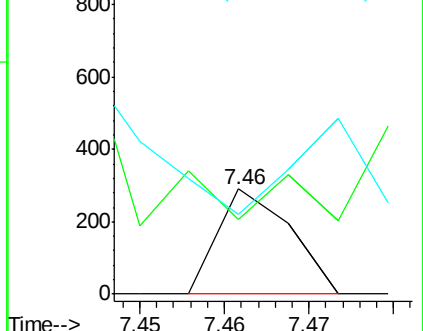
65 75.9 17.9 26.9#

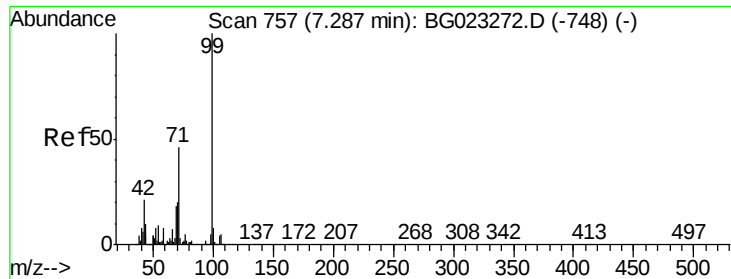


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 7.19 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.05 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampled :

EFF-WW

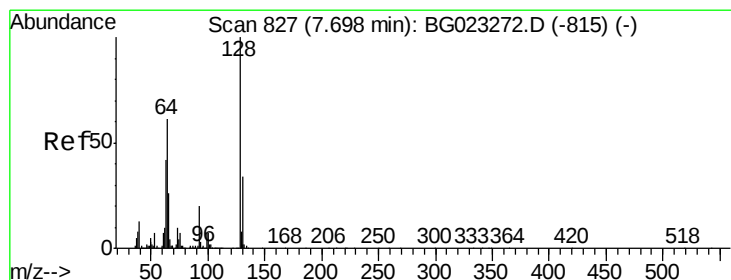
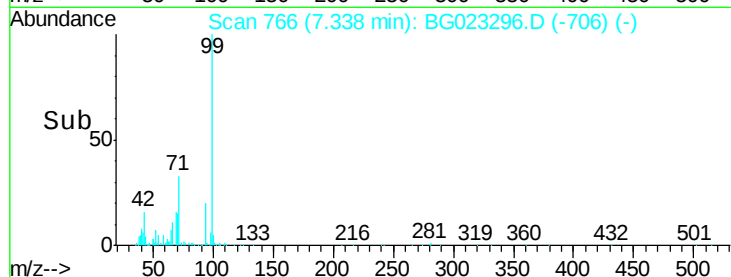
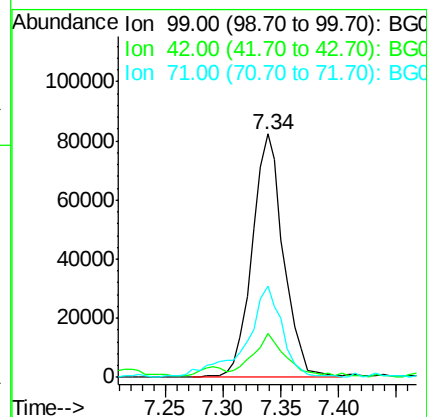
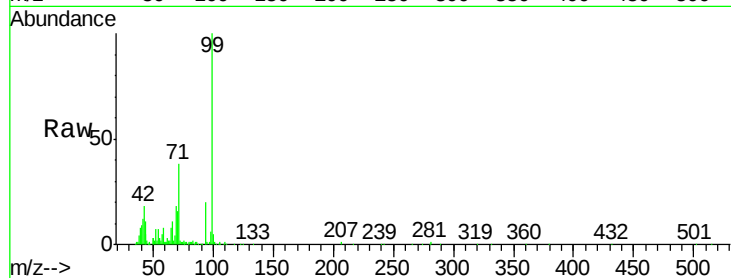
Tgt Ion: 99 Resp: 155762

Ion Ratio Lower Upper

99 100

42 18.2 17.8 26.6

71 37.7 41.5 62.3#



#8

2-Chlorophenol

Concen: 0.20 ng

RT: 7.71 min Scan# 830

Delta R.T. 0.01 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

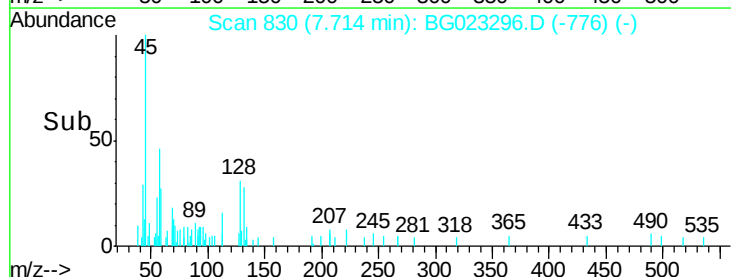
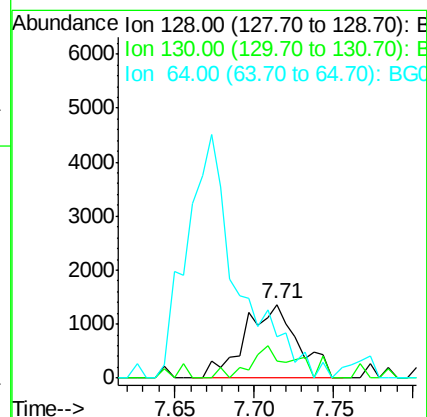
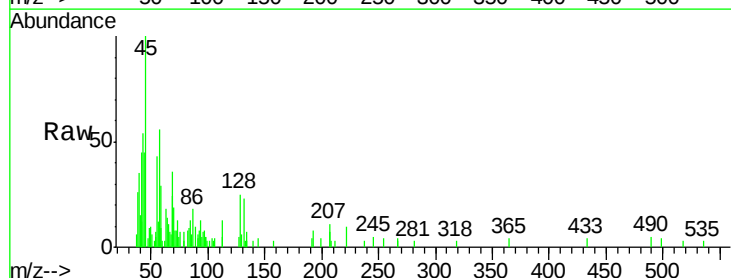
Tgt Ion: 128 Resp: 3195

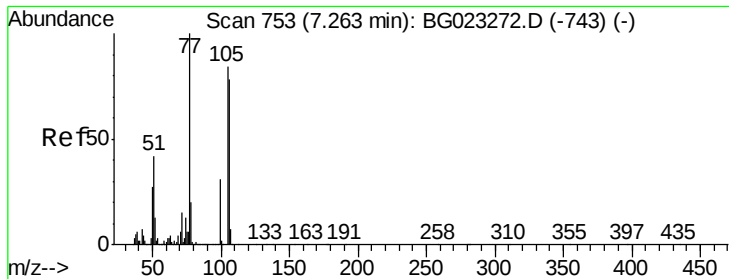
Ion Ratio Lower Upper

128 100

130 22.3 12.9 52.9

64 55.3 42.0 82.0





#9

Benzaldehyde

Concen: 1.87 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

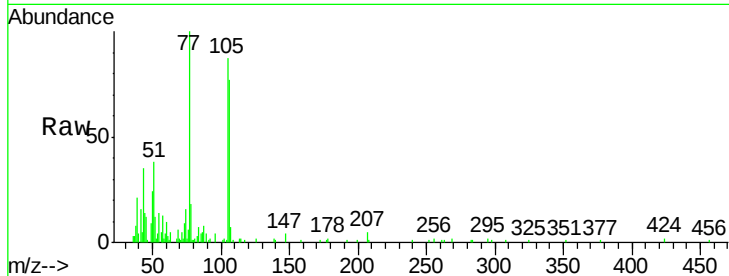
Tgt Ion: 77 Resp: 29105

Ion Ratio Lower Upper

77 100

105 86.7 58.7 98.7

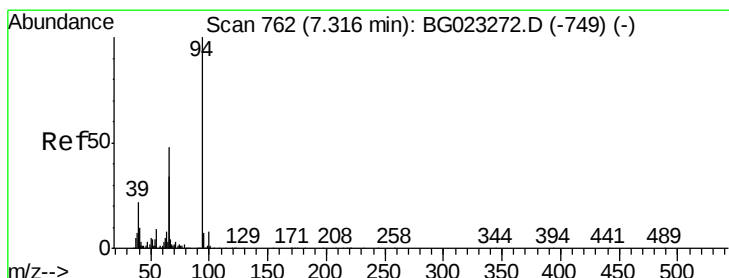
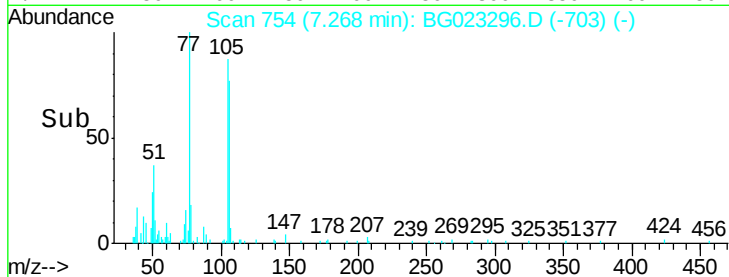
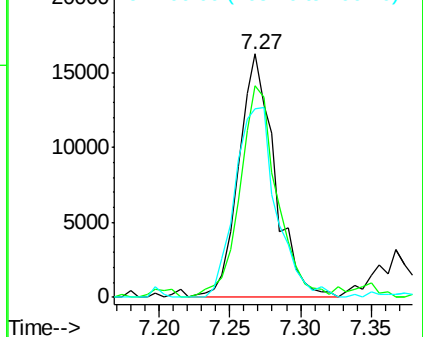
106 77.3 67.5 107.5



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: 16.93 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.05 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

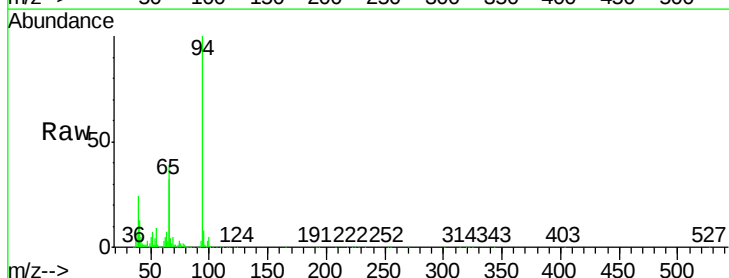
Tgt Ion: 94 Resp: 387123

Ion Ratio Lower Upper

94 100

65 32.2 18.1 58.1

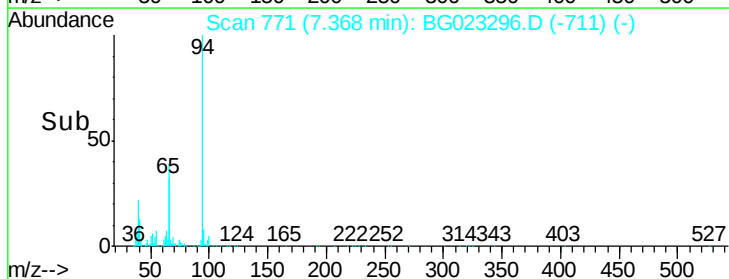
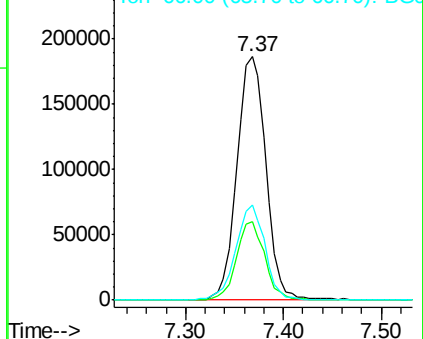
66 38.9 42.1 82.1#

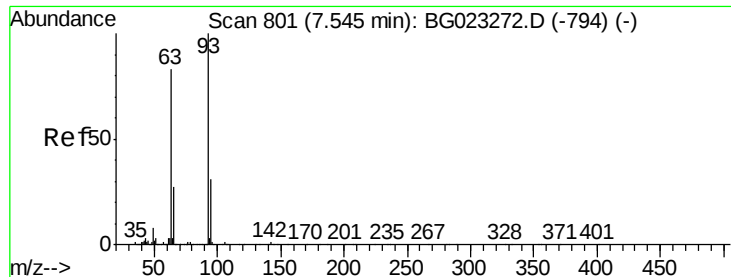


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

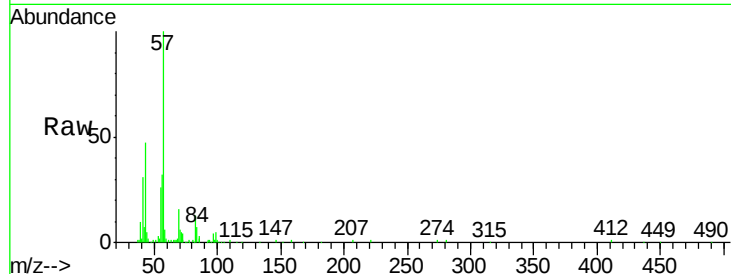




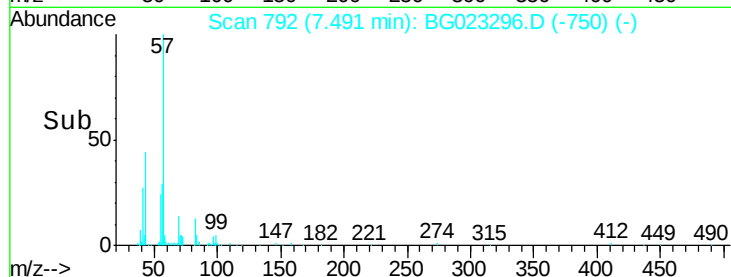
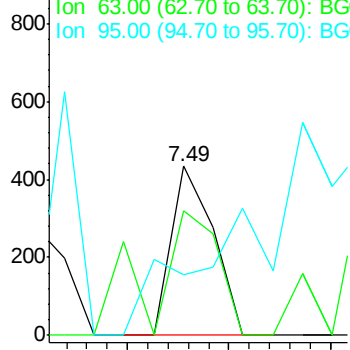
#11
bis(2-Chloroethyl)ether
Concen: 0.01 ng
RT: 7.49 min Scan# 792
Delta R.T. -0.06 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion: 93 Resp: 251
Ion Ratio Lower Upper
93 100
63 74.0 55.0 95.0
95 35.7 11.0 51.0

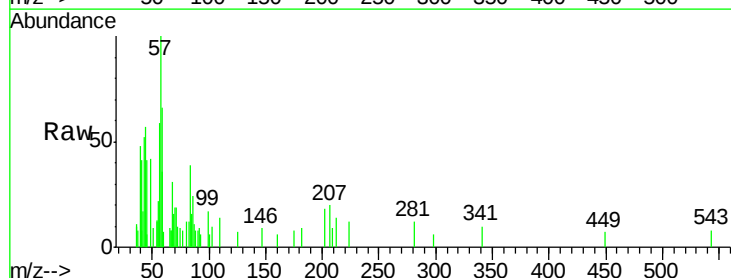
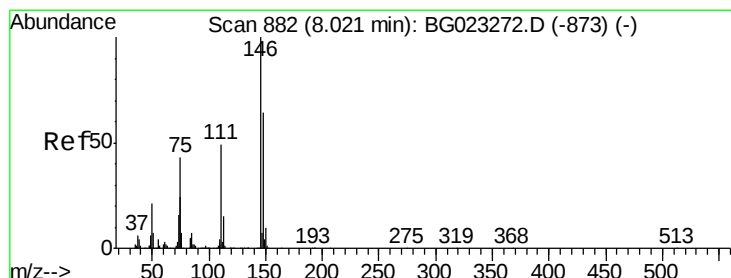


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

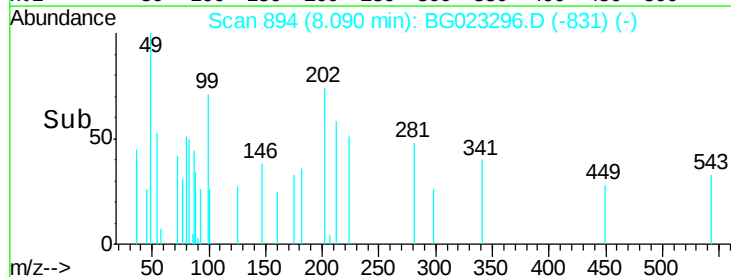
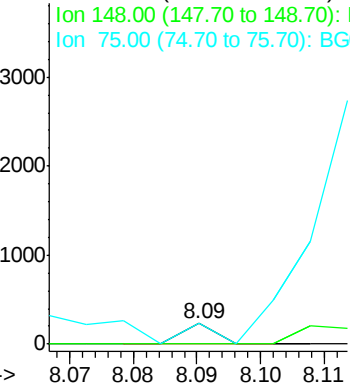


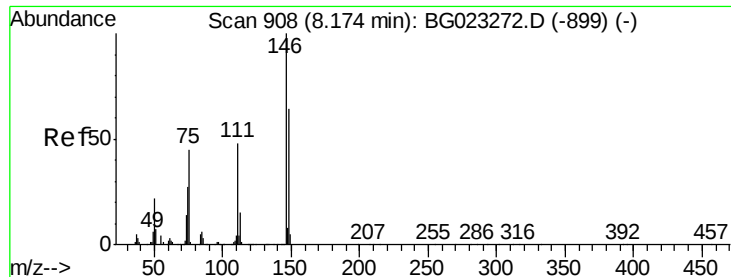
#12
1,3-Dichlorobenzene
Concen: 0.00 ng
RT: 8.09 min Scan# 894
Delta R.T. 0.07 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

Tgt Ion: 146 Resp: 81
Ion Ratio Lower Upper
146 100
148 0.0 50.3 75.5#
75 101.7 37.0 55.6#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

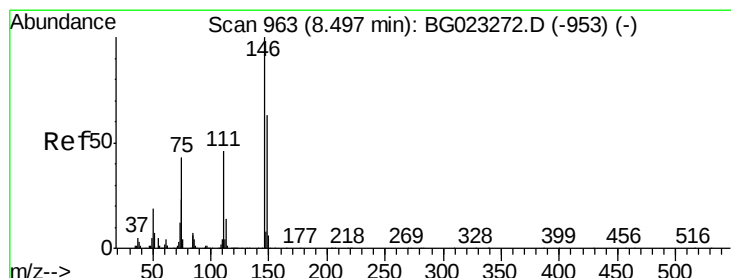
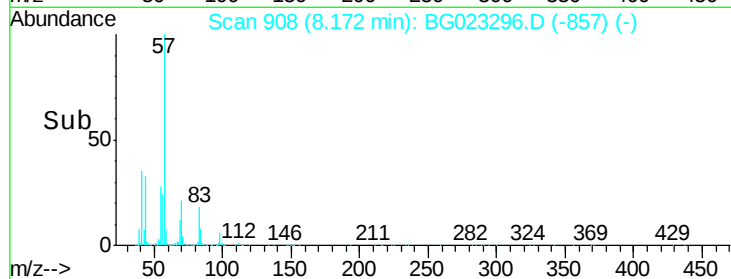
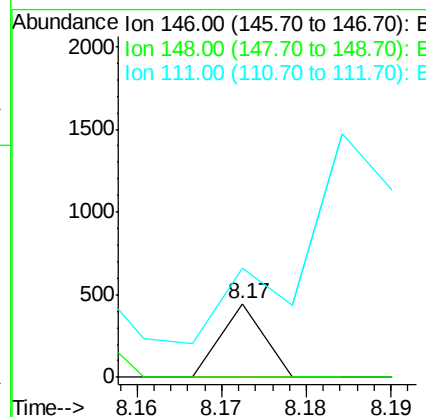
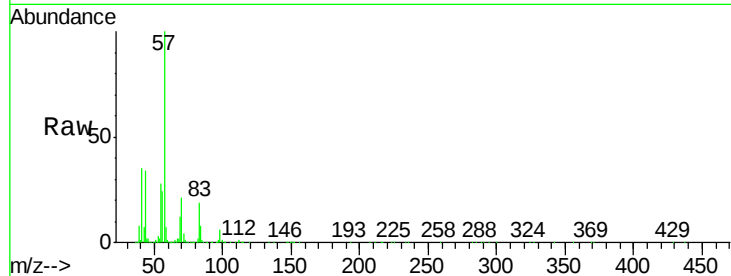




#13
 1,4-Dichlorobenzene
 Concen: 0.01 ng
 RT: 8.17 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BG023296.D
 Acq: 27 Jul 2016 23:41

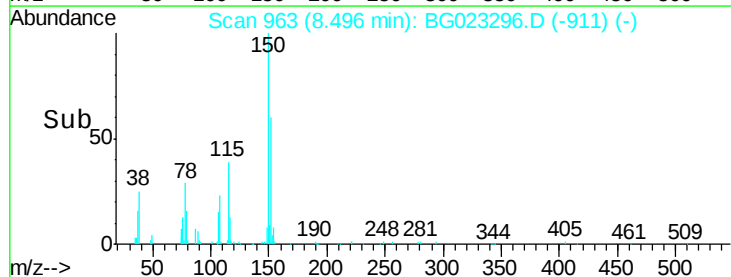
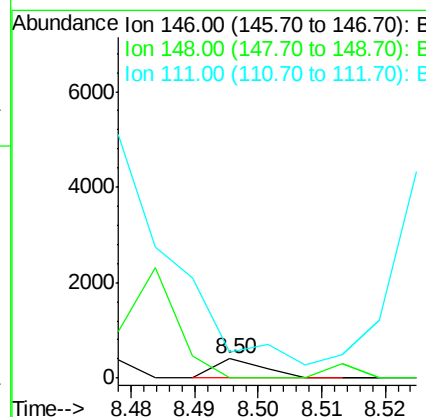
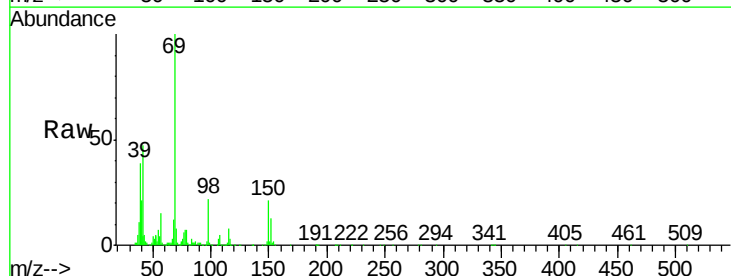
Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

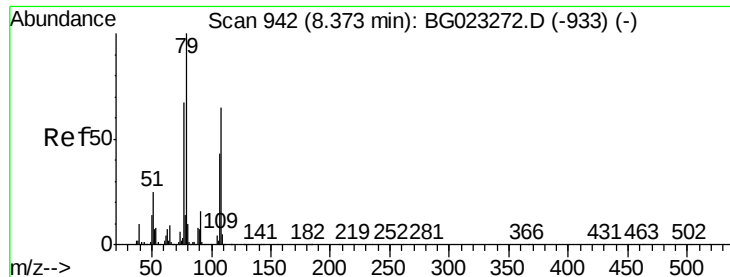
Tgt Ion:146 Resp: 157
 Ion Ratio Lower Upper
 146 100
 148 0.0 54.5 81.7#
 111 147.9 37.8 56.8#



#14
 1,2-Dichlorobenzene
 Concen: 0.01 ng
 RT: 8.50 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BG023296.D
 Acq: 27 Jul 2016 23:41

Tgt Ion:146 Resp: 213
 Ion Ratio Lower Upper
 146 100
 148 0.0 52.9 79.3#
 111 136.2 43.5 65.3#





#15

Benzyl Alcohol

Concen: 162.14 ng

RT: 8.42 min Scan# 950

Delta R.T. 0.04 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

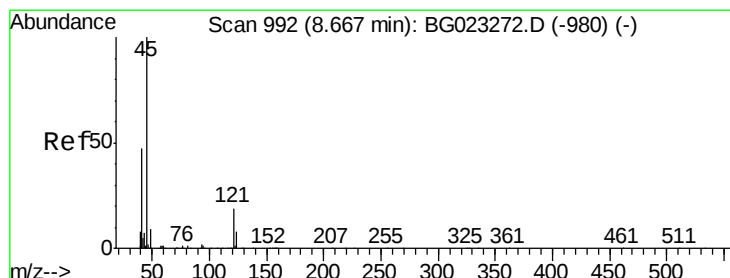
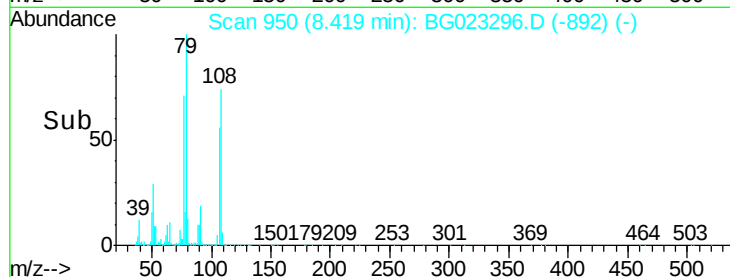
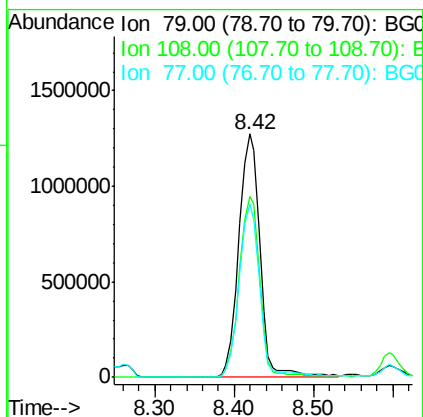
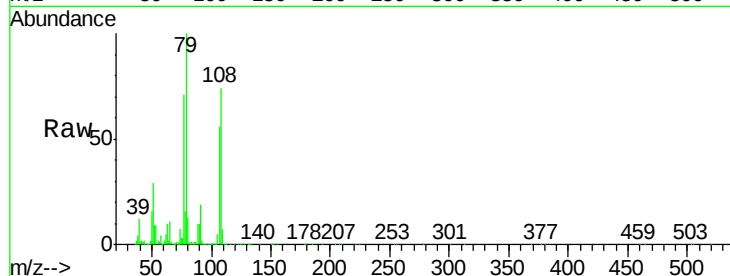
Tgt Ion: 79 Resp: 2365073

Ion Ratio Lower Upper

79 100

108 74.1 46.5 69.7#

77 71.3 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.06 ng

RT: 8.68 min Scan# 995

Delta R.T. 0.01 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

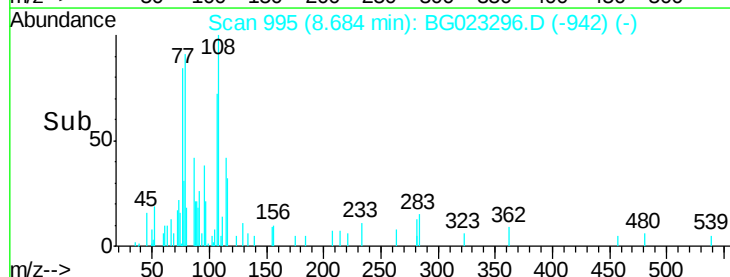
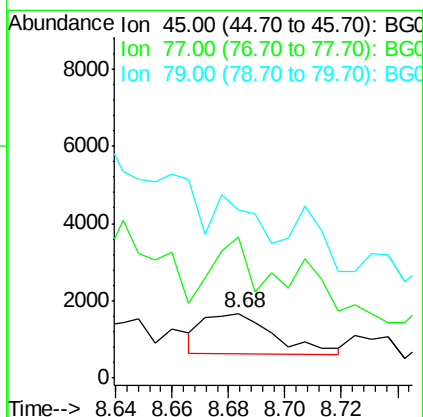
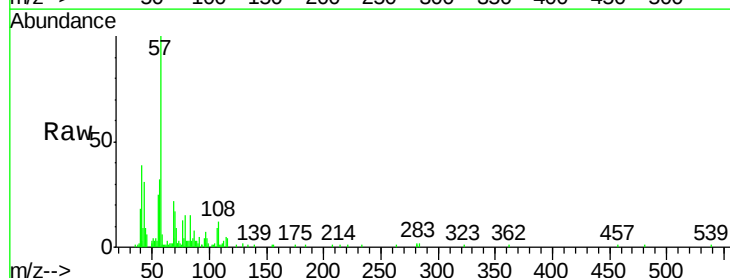
Tgt Ion: 45 Resp: 1769

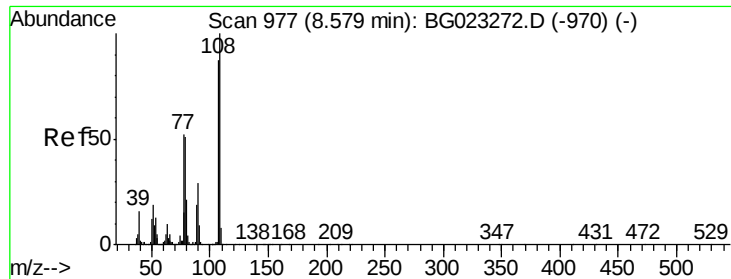
Ion Ratio Lower Upper

45 100

77 218.4 0.6 40.6#

79 259.6 0.0 36.2#

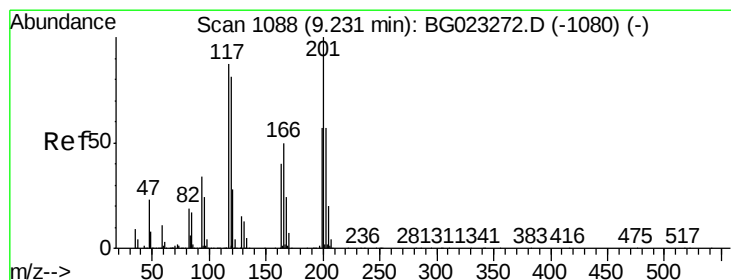
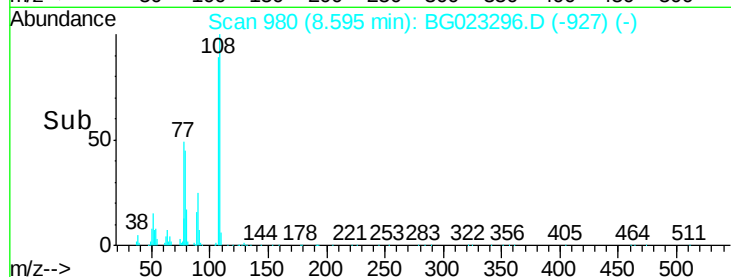
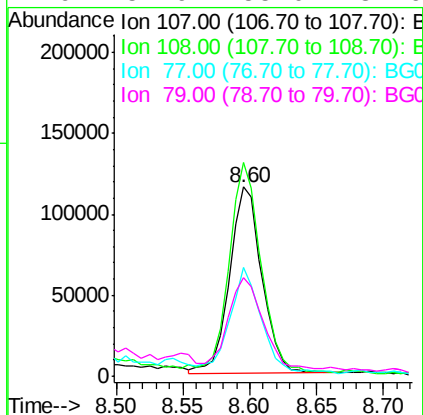
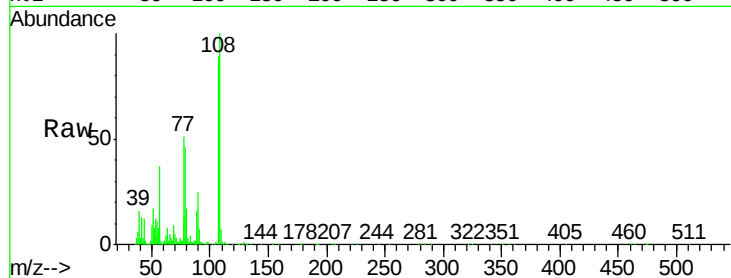




#17
2-Methylphenol
Concen: 12.42 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.01 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

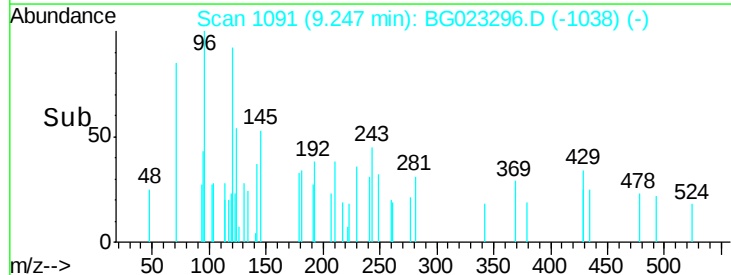
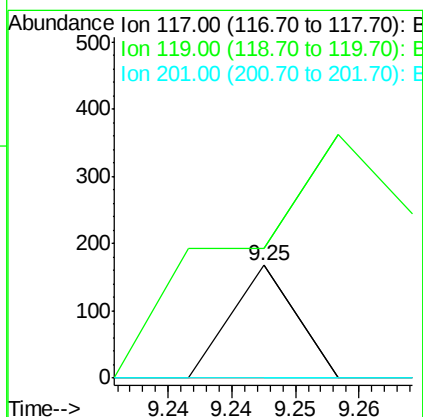
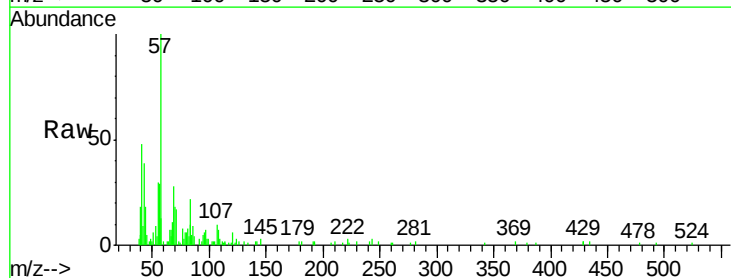
Instrument :
BNA_G
ClientSampleId :
EFF-WW

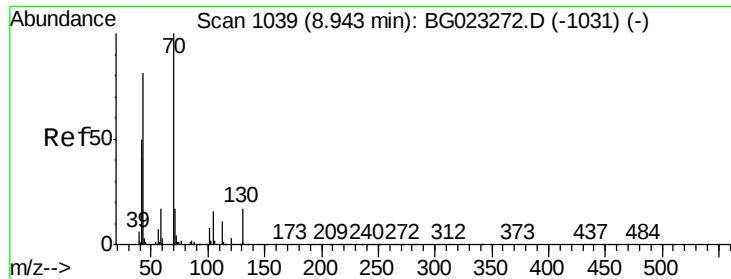
Tgt Ion:	107	Resp:	194187
Ion	Ratio	Lower	Upper
107	100		
108	112.8	92.0	138.0
77	57.2	55.8	83.6
79	51.9	55.0	82.6#



#18
Hexachloroethane
Concen: 0.01 ng
RT: 9.25 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

Tgt Ion:	117	Resp:	59
Ion	Ratio	Lower	Upper
117	100		
119	114.9	73.7	110.5#
201	0.0	88.7	133.1#

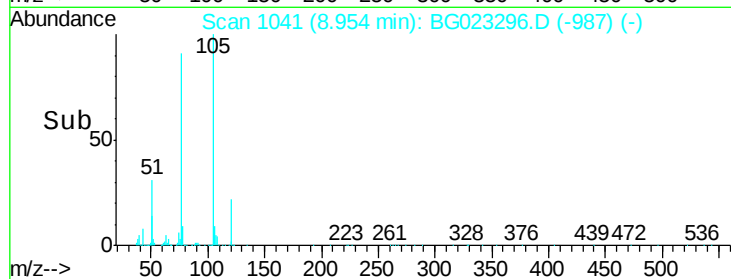
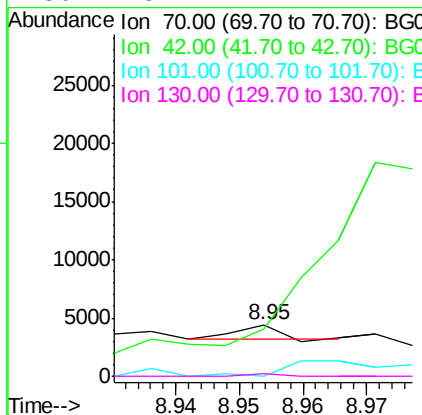
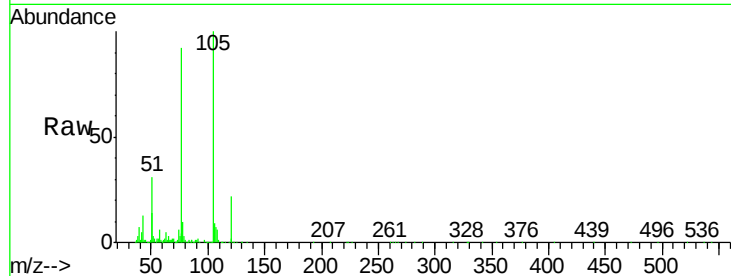




#19
n-Nitroso-di-n-propylamine
Concen: 0.03 ng
RT: 8.95 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

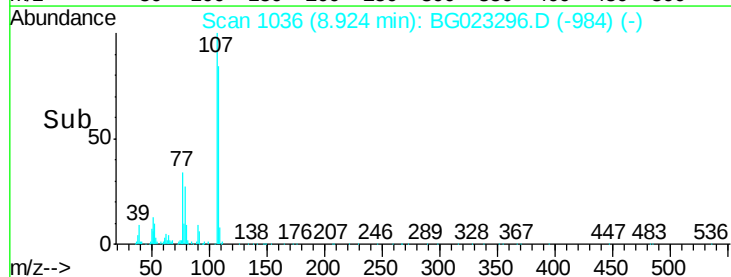
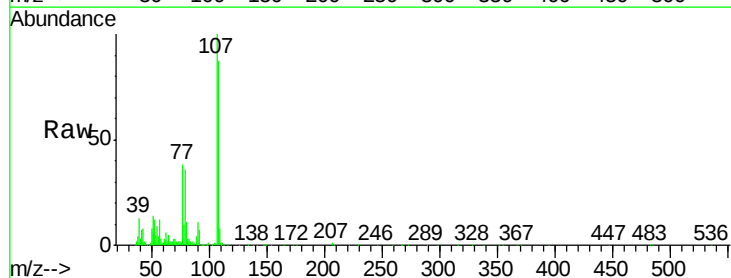
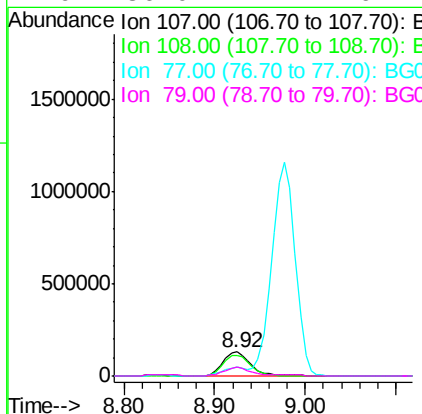
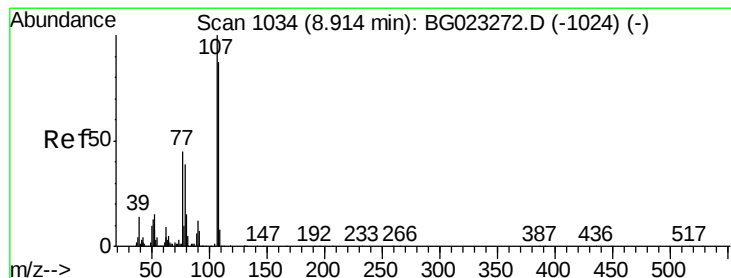
Instrument :
BNA_G
ClientSampleId :
EFF-WW

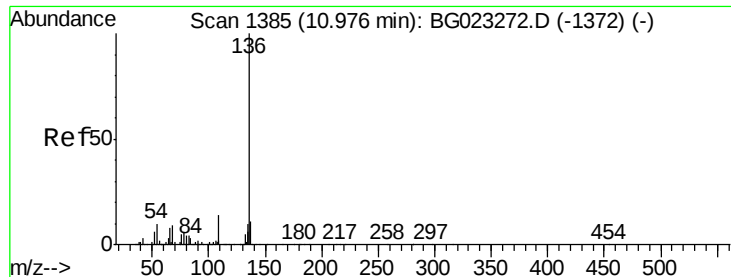
Tgt Ion:	70	Resp:	555
Ion	Ratio	Lower	Upper
70	100		
42	92.7	42.1	63.1#
101	0.0	7.2	10.8#
130	5.2	14.2	21.2#



#20
3+4-Methylphenols
Concen: 13.35 ng
RT: 8.92 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

Tgt Ion:	107	Resp:	283708
Ion	Ratio	Lower	Upper
107	100		
108	87.0	72.5	112.5
77	37.5	30.1	70.1
79	36.0	24.2	64.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

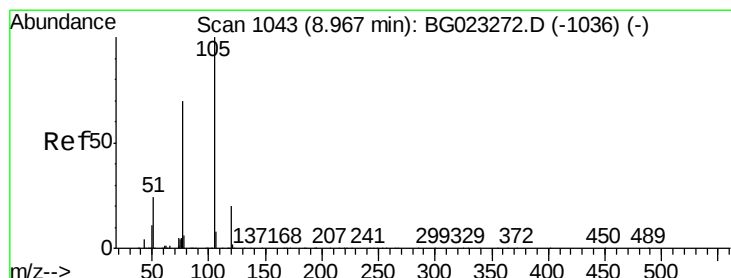
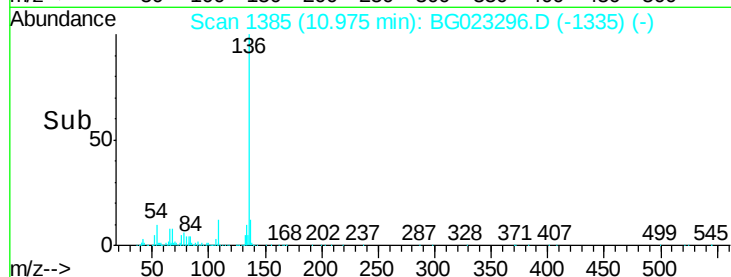
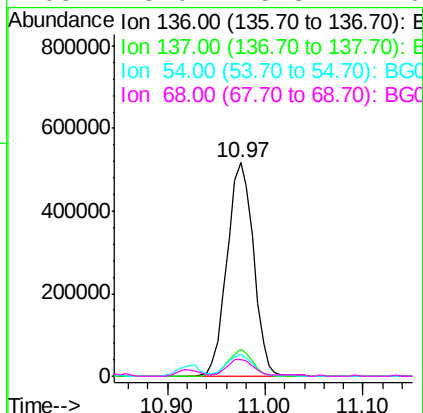
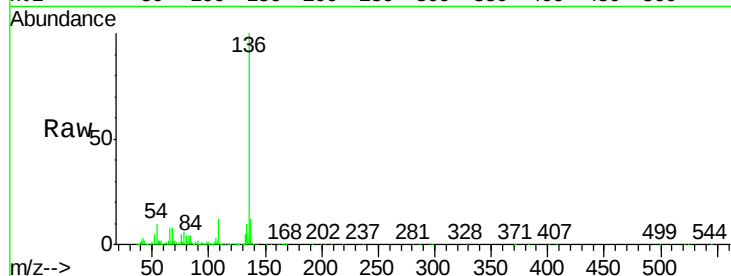
Instrument :

BNA_G

ClientSampleId :

EFF-WW

Tgt Ion:	136	Resp:	973347
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.6	14.4
54	10.0	7.3	10.9
68	8.0	5.3	7.9#



#22

Acetophenone

Concen: 94.56 ng

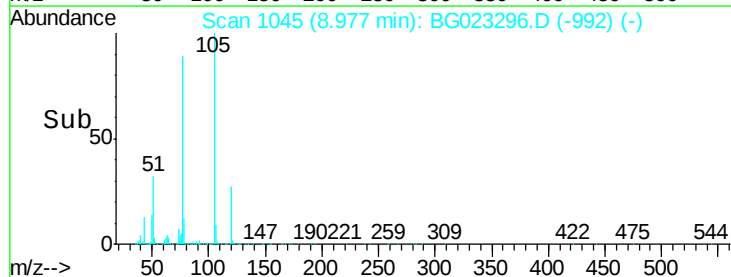
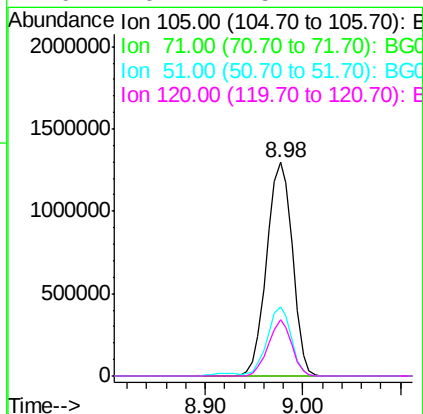
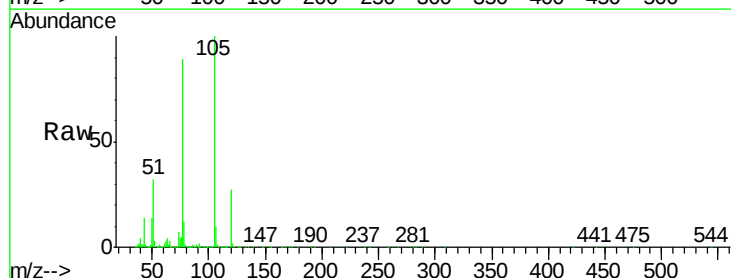
RT: 8.98 min Scan# 1045

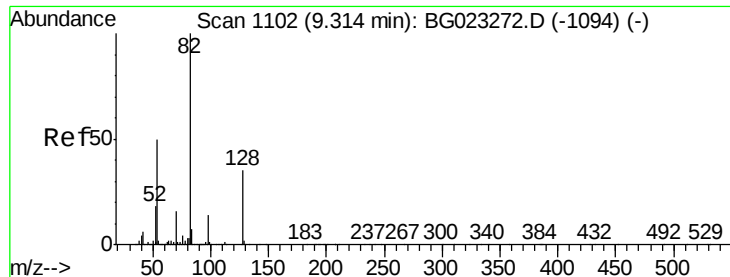
Delta R.T. 0.01 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Tgt Ion:	105	Resp:	2403084
Ion	Ratio	Lower	Upper
105	100		
71	0.2	2.6	3.8#
51	32.1	27.1	40.7
120	26.7	15.1	22.7#

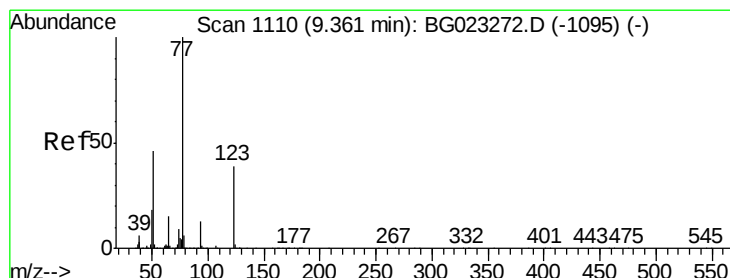
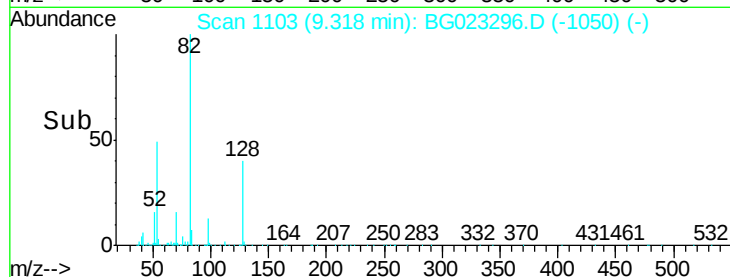
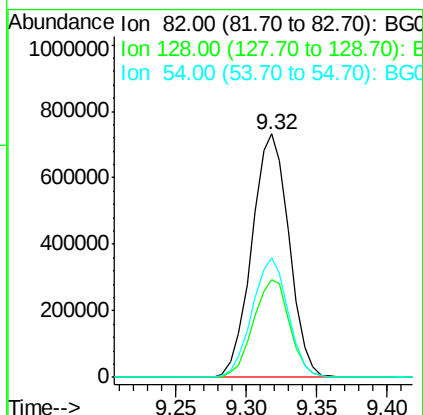
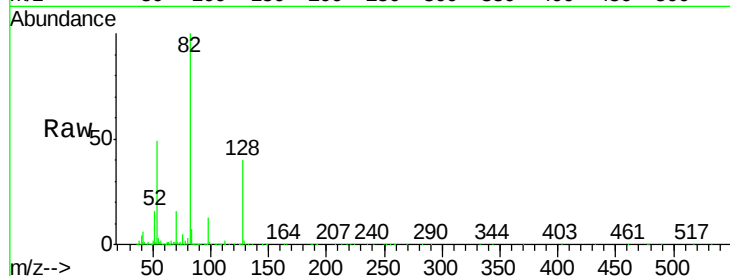




#23
 Nitrobenzene-d5
 Concen: 67.93 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BG023296.D
 Acq: 27 Jul 2016 23:41

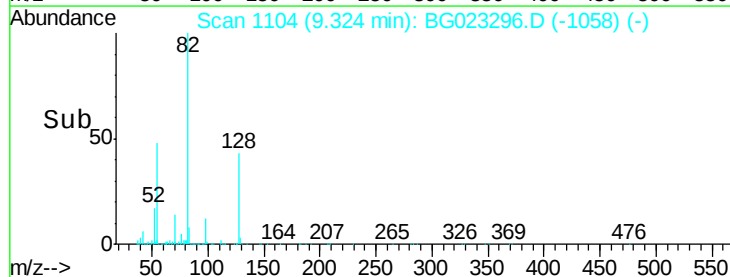
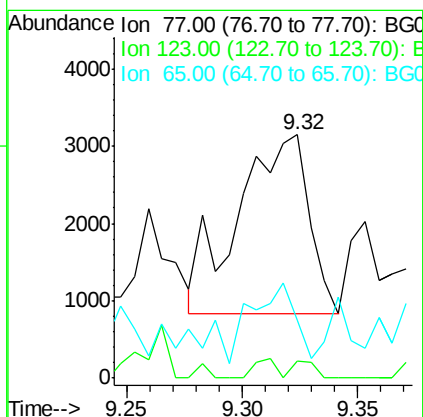
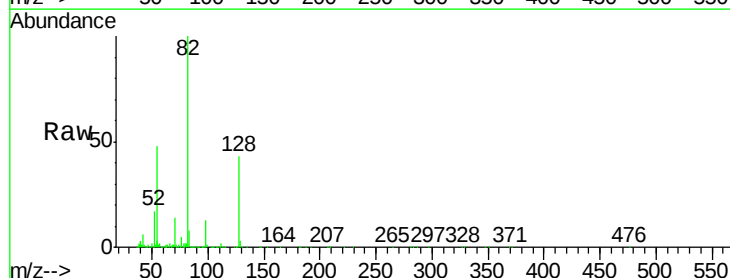
Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

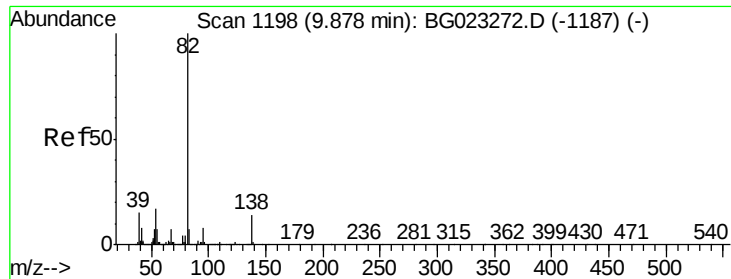
Tgt Ion: 82 Resp: 1352113
 Ion Ratio Lower Upper
 82 100
 128 40.4 24.4 36.6#
 54 49.1 41.4 62.0



#24
 Nitrobenzene
 Concen: 0.21 ng
 RT: 9.32 min Scan# 1104
 Delta R.T. -0.03 min
 Lab File: BG023296.D
 Acq: 27 Jul 2016 23:41

Tgt Ion: 77 Resp: 4950
 Ion Ratio Lower Upper
 77 100
 123 7.1 25.0 37.6#
 65 23.7 13.4 20.0#





#25

Isophorone

Concen: 0.04 ng

RT: 9.87 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

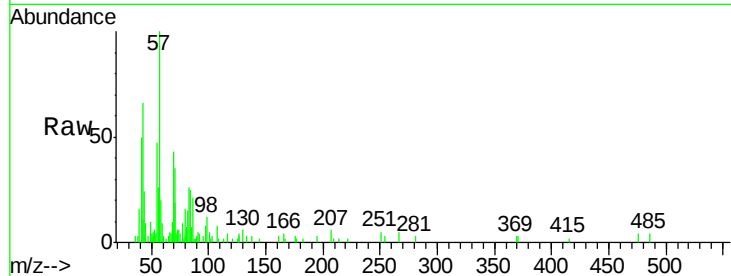
Tgt Ion: 82 Resp: 1836

Ion Ratio Lower Upper

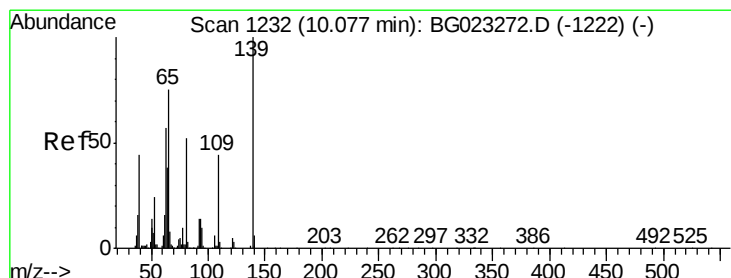
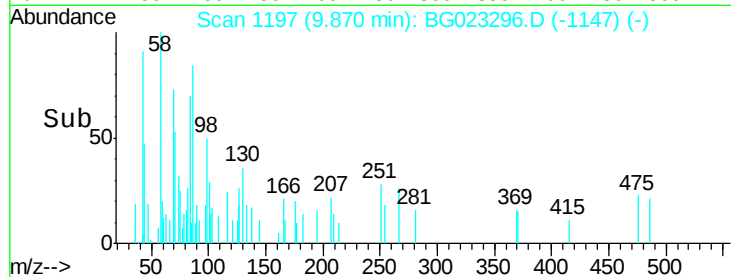
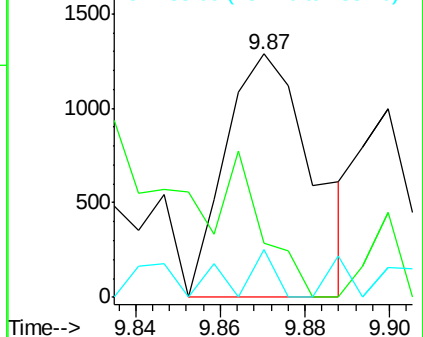
82 100

95 22.4 8.2 12.2#

138 19.6 10.7 16.1#



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



#26

2-Nitrophenol

Concen: 0.02 ng

RT: 10.08 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

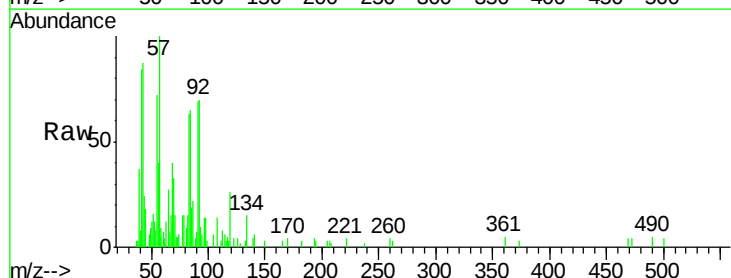
Tgt Ion: 139 Resp: 212

Ion Ratio Lower Upper

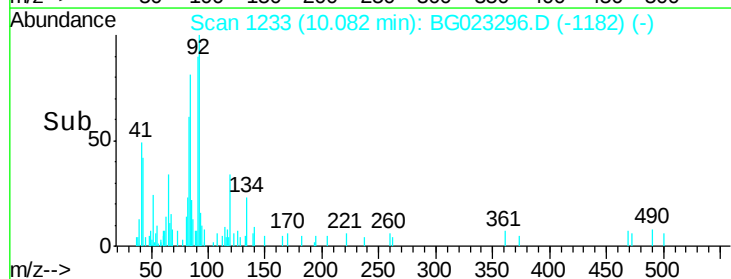
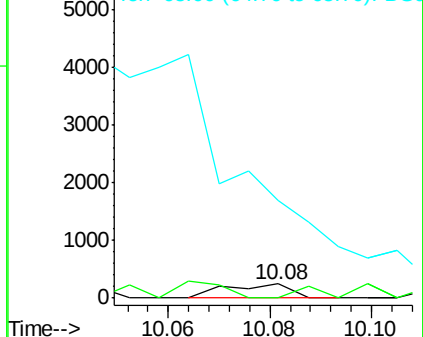
139 100

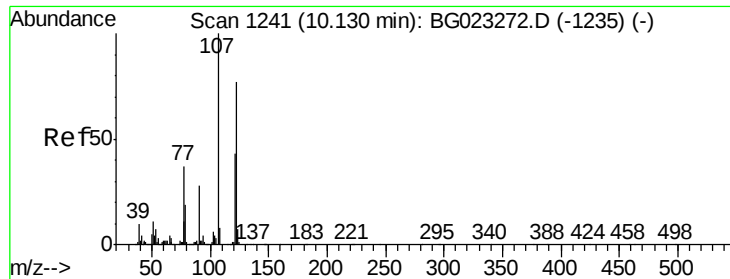
109 0.0 43.5 65.3#

65 704.5 64.3 96.5#



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





#27

2,4-Dimethylphenol

Concen: 9.42 ng

RT: 10.25 min Scan# 1261

Delta R.T. 0.11 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

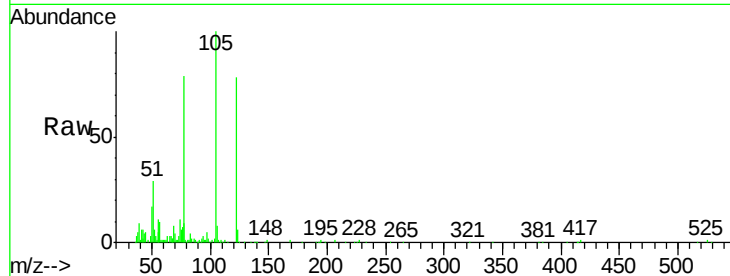
Tgt Ion:122 Resp: 138680

Ion Ratio Lower Upper

122 100

107 1.7 117.0 175.4#

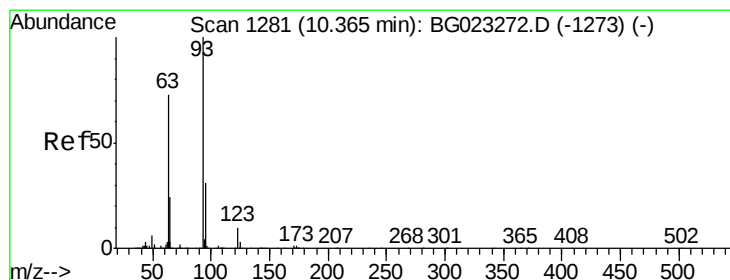
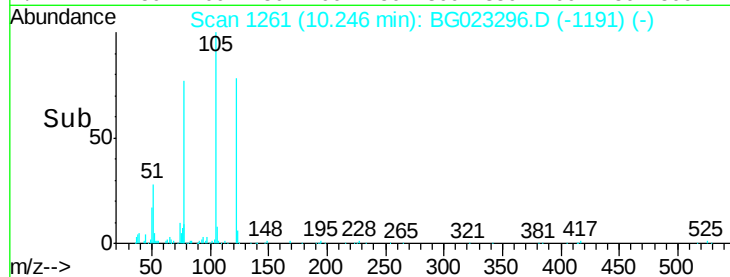
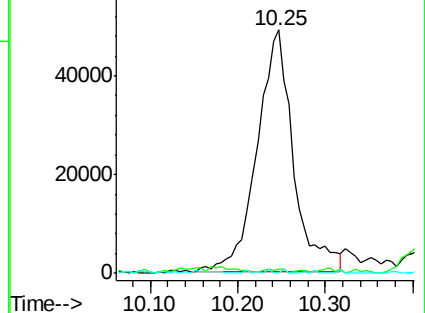
121 0.0 50.1 75.1#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 0.02 ng

RT: 10.39 min Scan# 1285

Delta R.T. 0.02 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

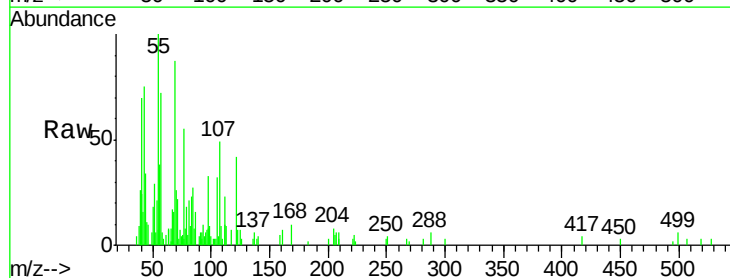
Tgt Ion: 93 Resp: 499

Ion Ratio Lower Upper

93 100

95 57.1 25.4 38.2#

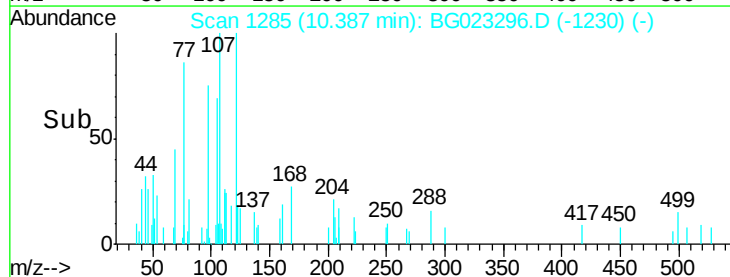
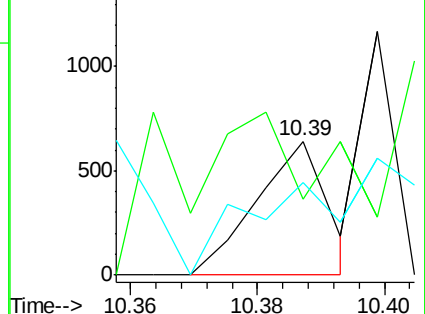
123 69.5 8.2 12.2#

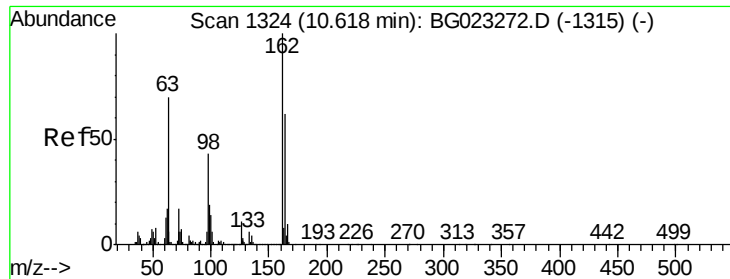


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

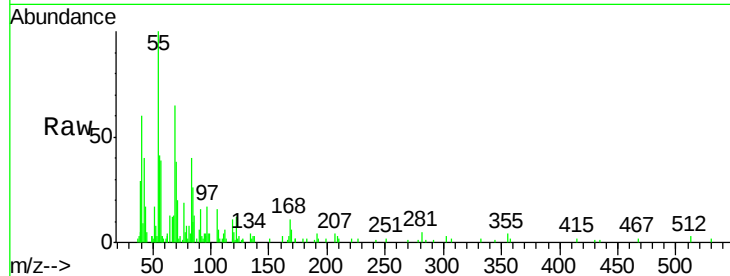




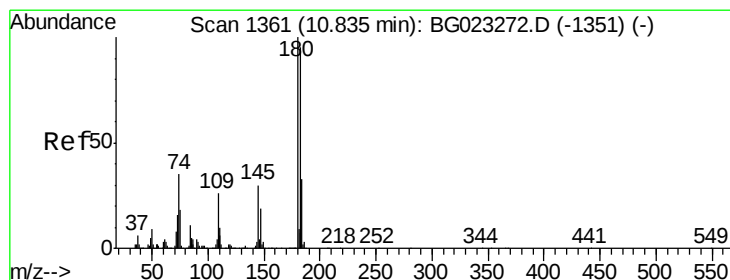
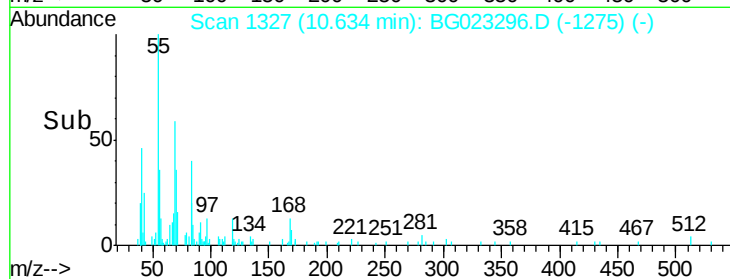
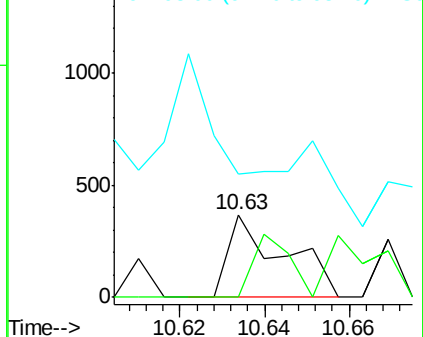
#29
2,4-Dichlorophenol
Concen: 0.02 ng
RT: 10.63 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

Instrument :
BNA_G
ClientSampled :
EFF-WW

Tgt Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.3	84.3#
98	149.3	19.5	59.5#

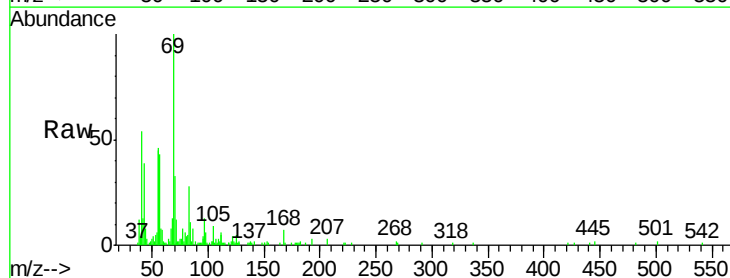


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

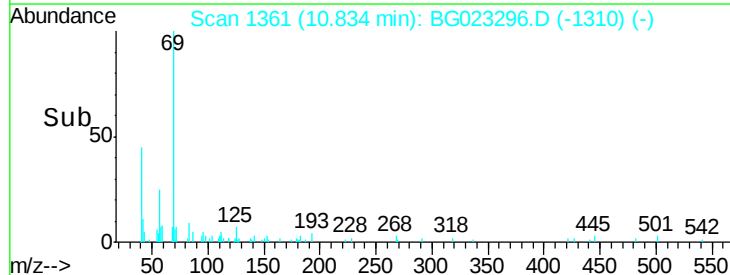
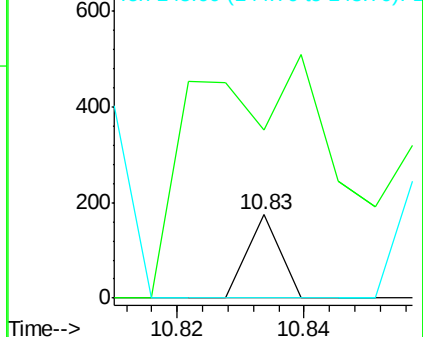


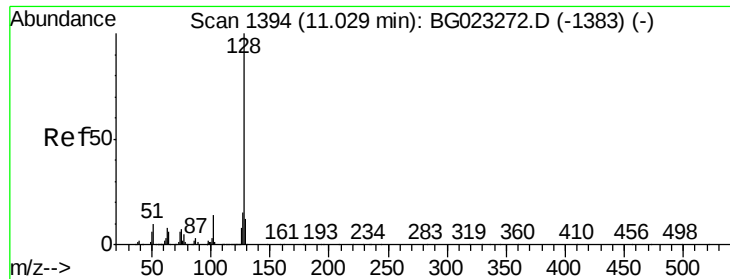
#30
1,2,4-Trichlorobenzene
Concen: 0.00 ng
RT: 10.83 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	201.7	73.8	110.8#
145	0.0	24.4	36.6#



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

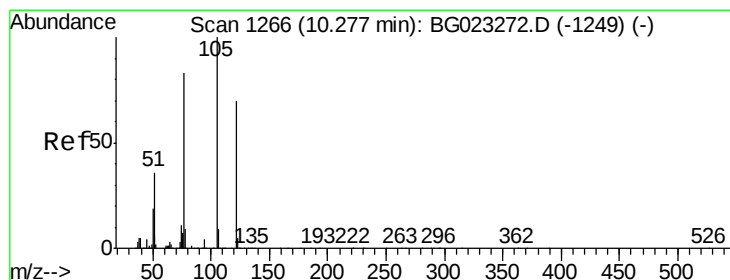
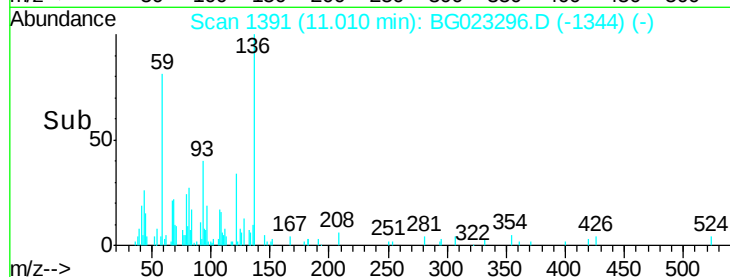
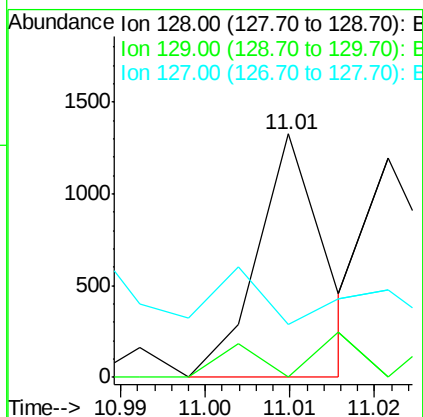
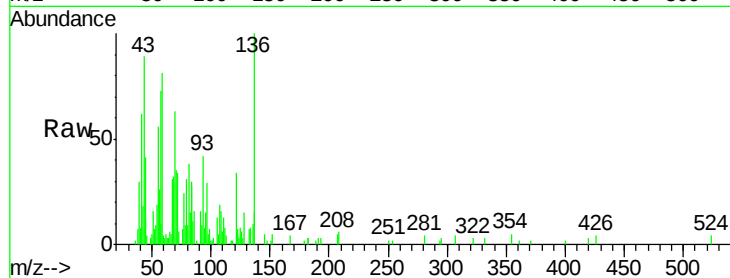




#31
Naphthalene
Concen: 0.02 ng
RT: 11.01 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

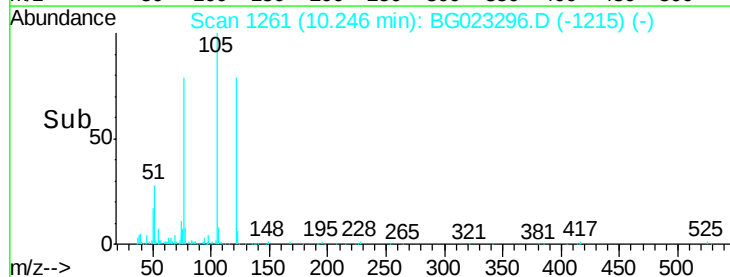
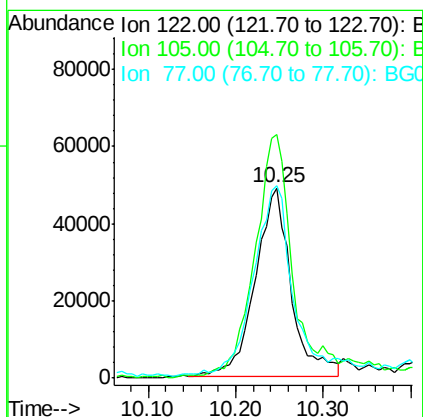
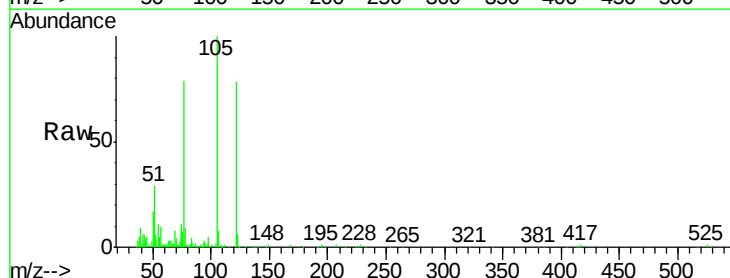
Instrument :
BNA_G
ClientSampleId :
EFF-WW

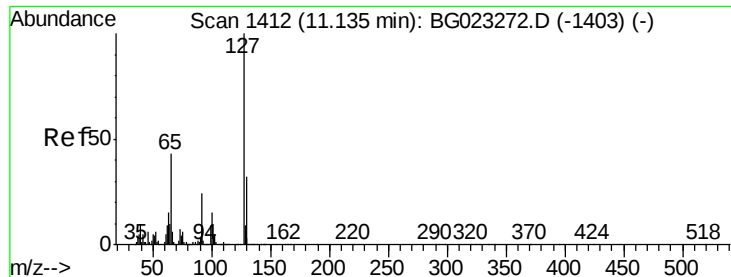
Tgt Ion:128 Resp: 732
Ion Ratio Lower Upper
128 100
129 0.0 9.4 14.0#
127 21.6 11.3 16.9#



#32
Benzoic acid
Concen: 17.73 ng
RT: 10.25 min Scan# 1261
Delta R.T. -0.03 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

Tgt Ion:122 Resp: 138680
Ion Ratio Lower Upper
122 100
105 128.0 117.2 157.2
77 100.8 109.2 149.2#

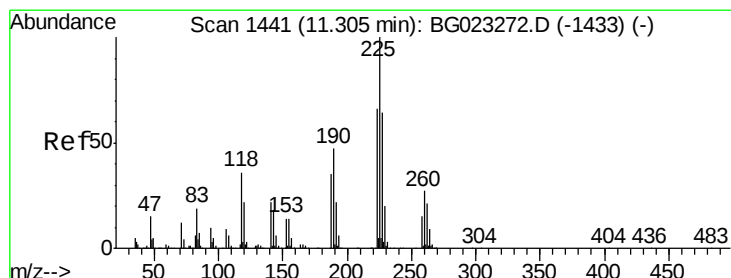
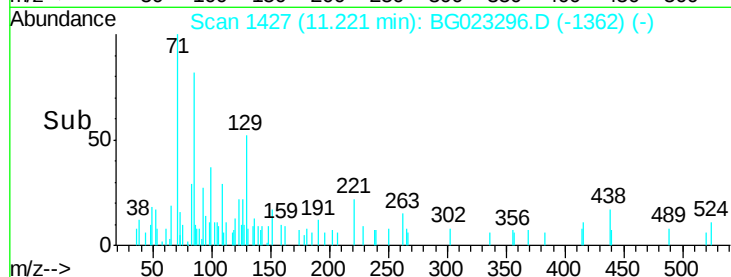
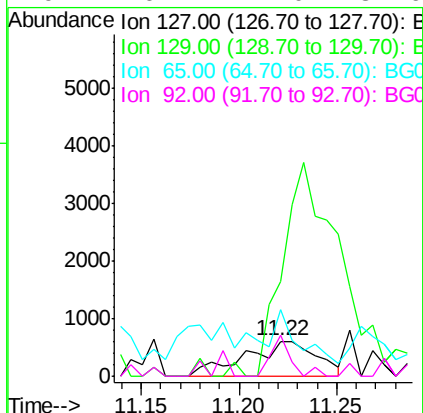
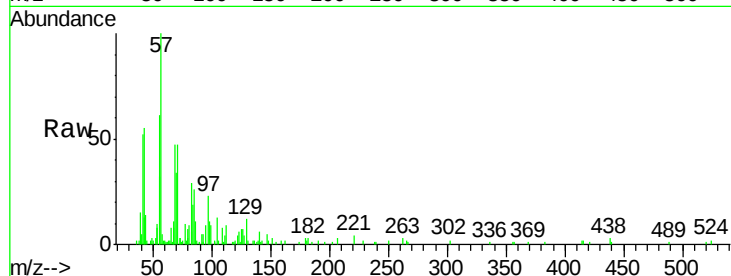




#33
4-Chloroaniline
Concen: 0.07 ng
RT: 11.22 min Scan# 1427
Delta R.T. 0.08 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

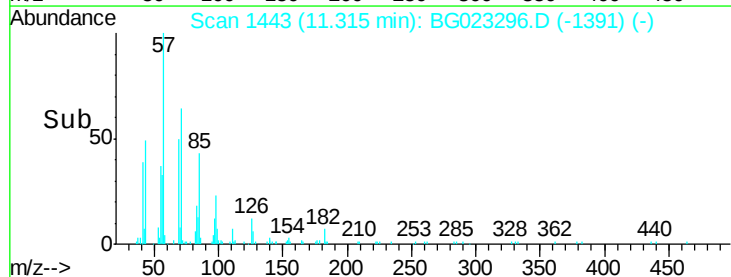
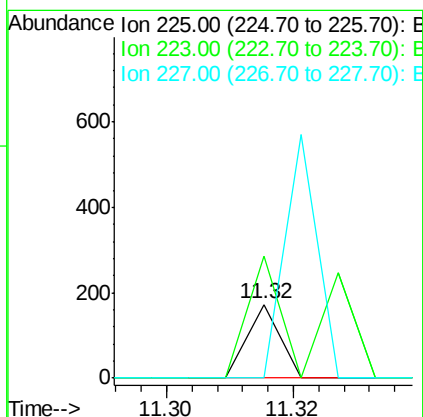
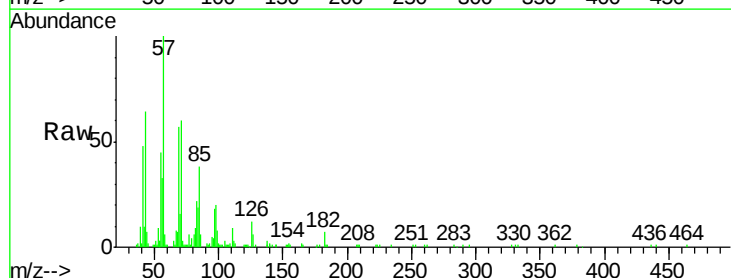
Instrument :
BNA_G
ClientSampleId :
EFF-WW

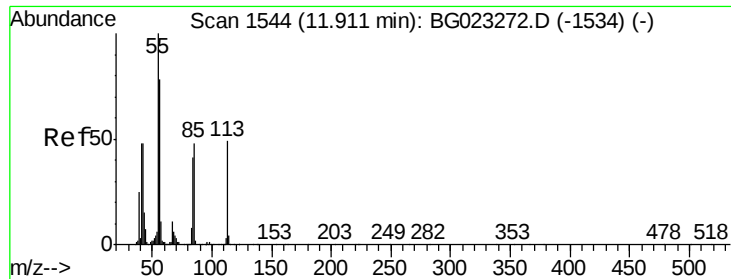
Tgt Ion:127 Resp: 1555
Ion Ratio Lower Upper
127 100
129 270.3 27.9 41.9#
65 191.1 36.8 55.2#
92 116.2 21.0 31.6#



#34
Hexachlorobutadiene
Concen: 0.01 ng
RT: 11.32 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

Tgt Ion:225 Resp: 61
Ion Ratio Lower Upper
225 100
223 165.3 49.6 74.4#
227 0.0 54.5 81.7#

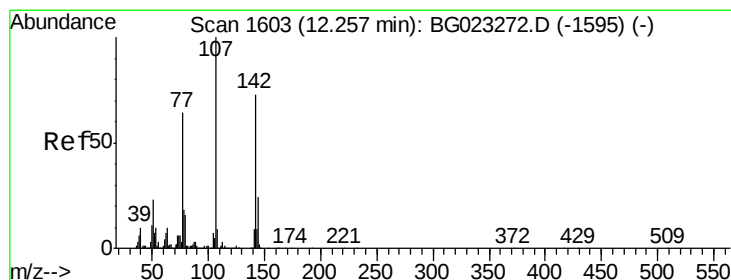
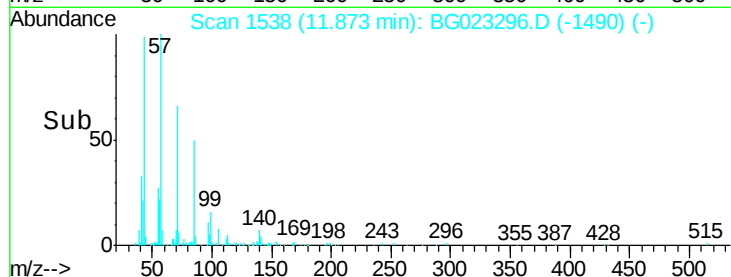
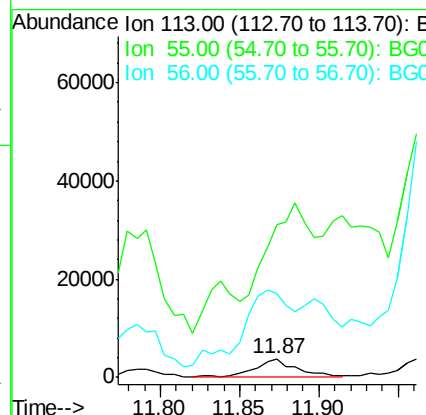
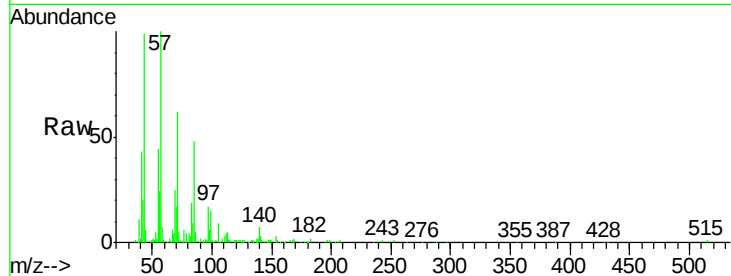




#35
 Caprolactam
 Concen: 1.18 ng
 RT: 11.87 min Scan# 1538
 Delta R.T. -0.02 min
 Lab File: BG023296.D
 Acq: 27 Jul 2016 23:41

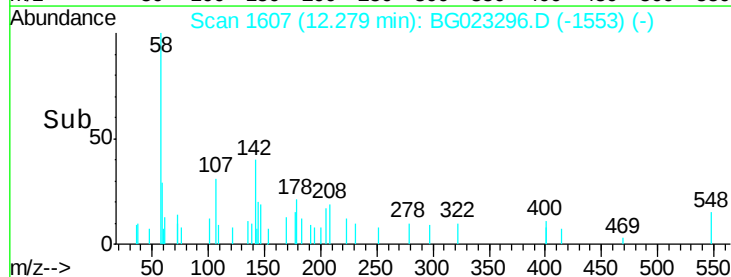
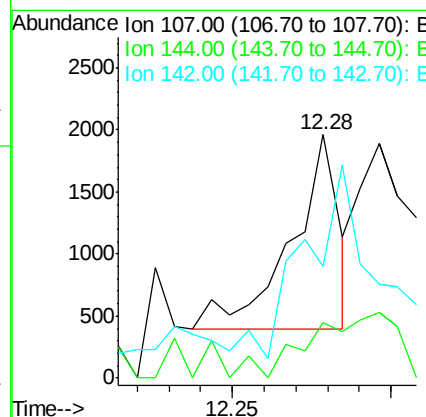
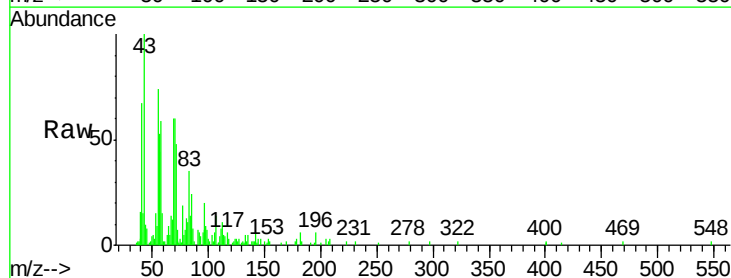
Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

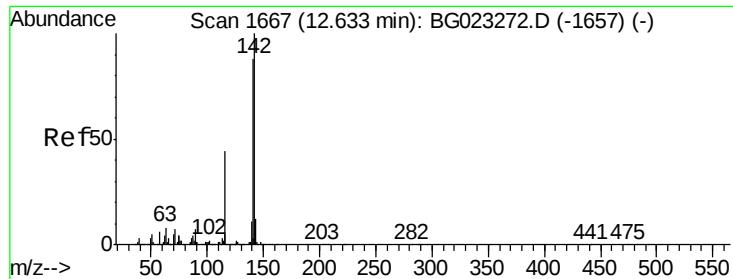
Tgt Ion:113 Resp: 7138
 Ion Ratio Lower Upper
 113 100
 55 821.7 154.5 194.5#
 56 450.8 125.1 165.1#



#36
 4-Chloro-3-methylphenol
 Concen: 0.09 ng
 RT: 12.28 min Scan# 1607
 Delta R.T. 0.02 min
 Lab File: BG023296.D
 Acq: 27 Jul 2016 23:41

Tgt Ion:107 Resp: 1637
 Ion Ratio Lower Upper
 107 100
 144 23.0 17.0 25.6
 142 46.0 53.0 79.6#

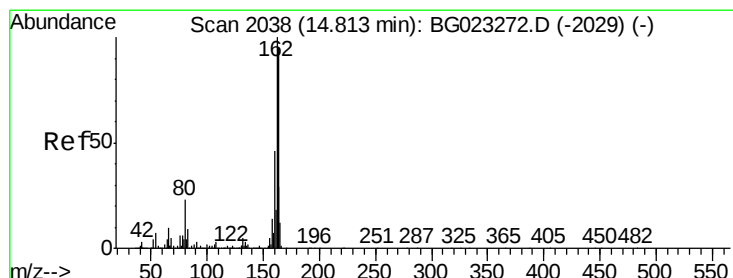
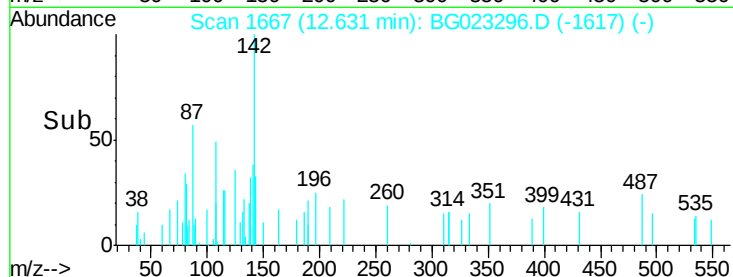
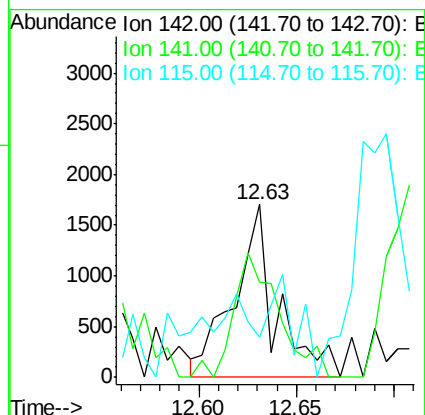
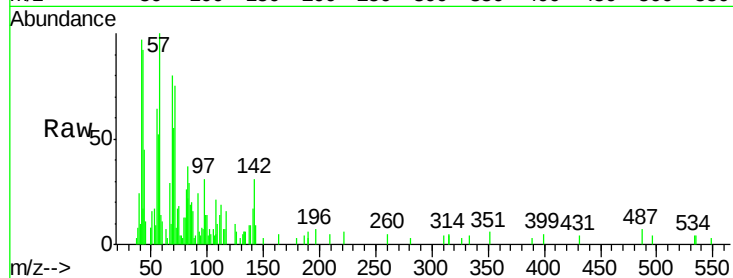




#37
2-Methylnaphthalene
Concen: 0.08 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

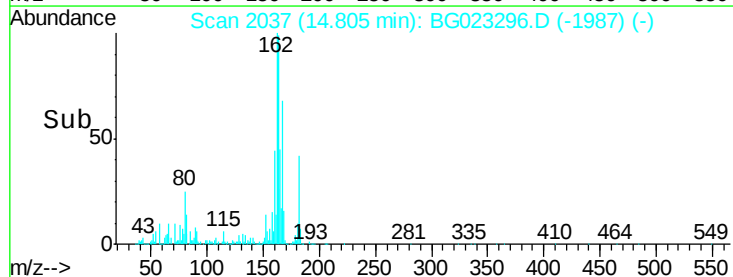
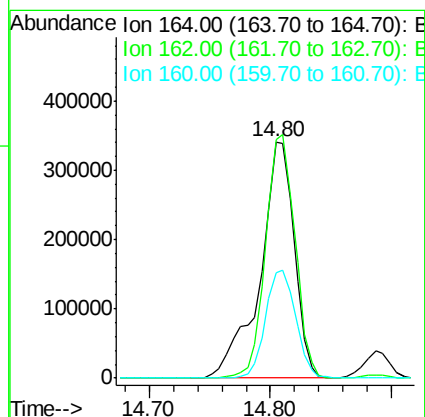
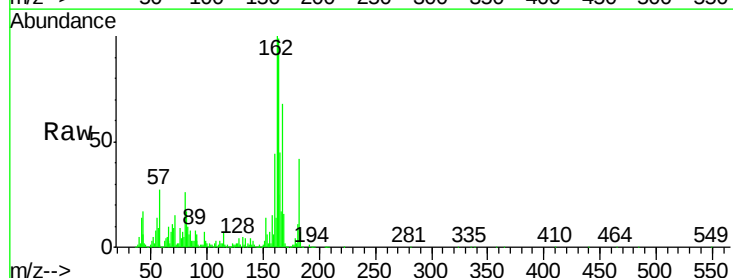
Instrument :
BNA_G
ClientSampleId :
EFF-WW

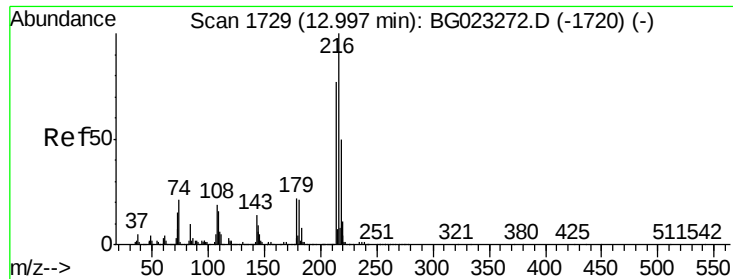
Tgt Ion:142 Resp: 2542
Ion Ratio Lower Upper
142 100
141 54.8 70.2 105.2#
115 23.4 41.7 62.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

Tgt Ion:164 Resp: 669847
Ion Ratio Lower Upper
164 100
162 100.9 87.7 131.5
160 44.8 37.2 55.8

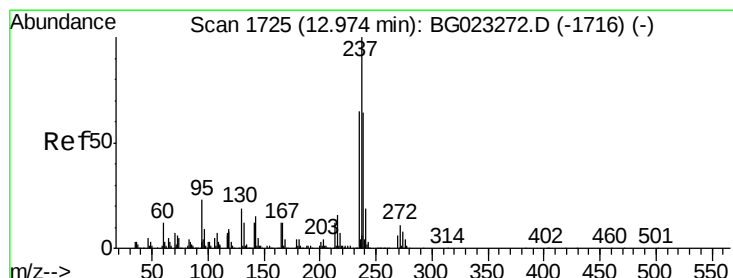
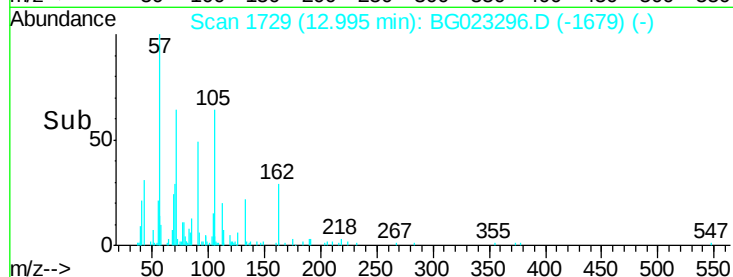
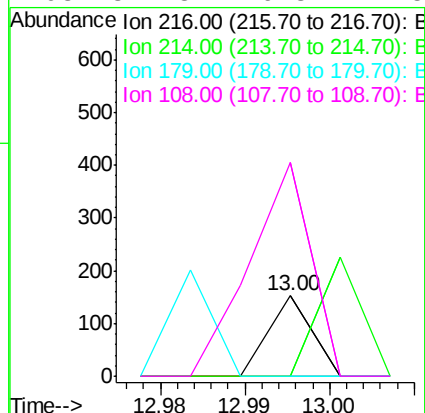
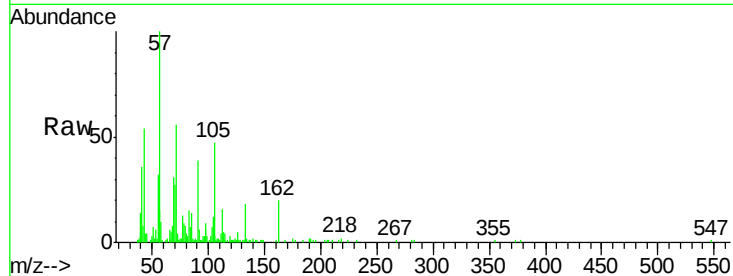




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.00 ng
 RT: 13.00 min Scan# 1729
 Delta R.T. -0.00 min
 Lab File: BG023296.D
 Acq: 27 Jul 2016 23:41

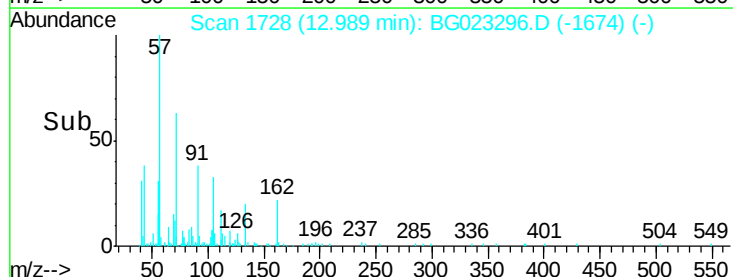
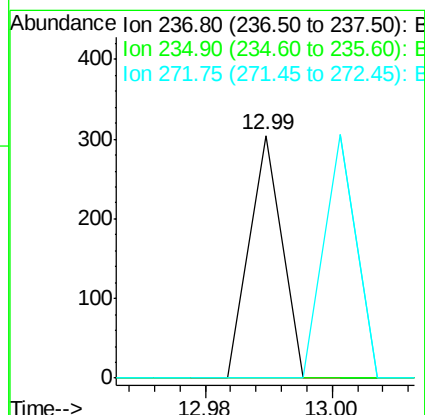
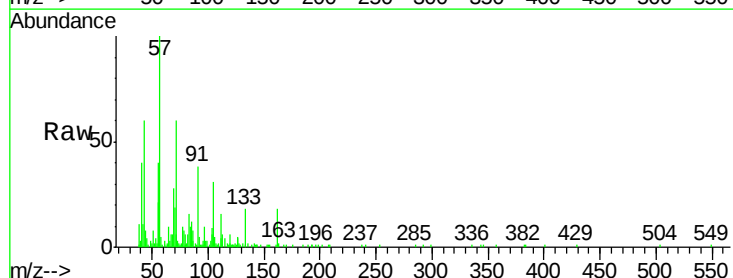
Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

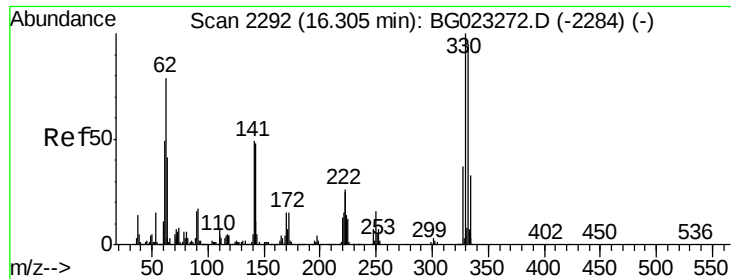
Tgt Ion:	216	Resp:	54
Ion	Ratio	Lower	Upper
216	100		
214	148.1	62.9	94.3#
179	131.5	17.2	25.8#
108	377.8	16.3	24.5#



#40
 Hexachlorocyclopentadiene
 Concen: 0.01 ng
 RT: 12.99 min Scan# 1728
 Delta R.T. 0.01 min
 Lab File: BG023296.D
 Acq: 27 Jul 2016 23:41

Tgt Ion:	237	Resp:	108
Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9

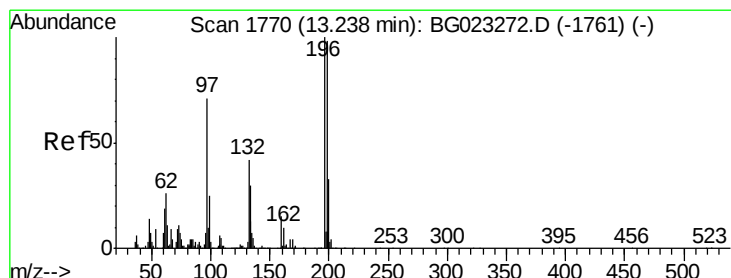
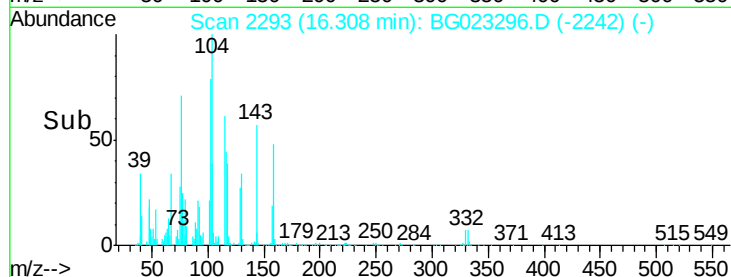
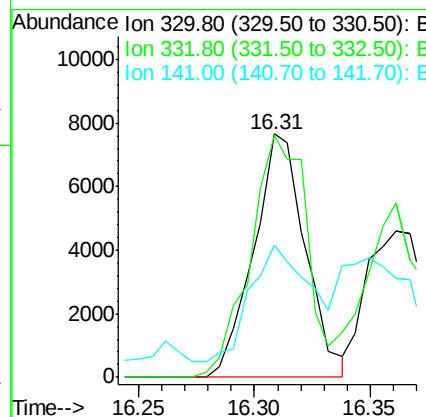
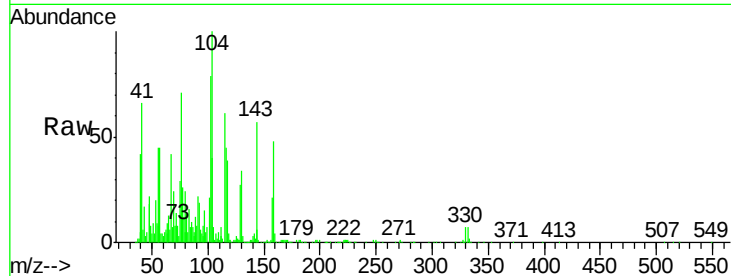




#41
 2,4,6-Tribromophenol
 Concen: 1.72 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG023296.D
 Acq: 27 Jul 2016 23:41

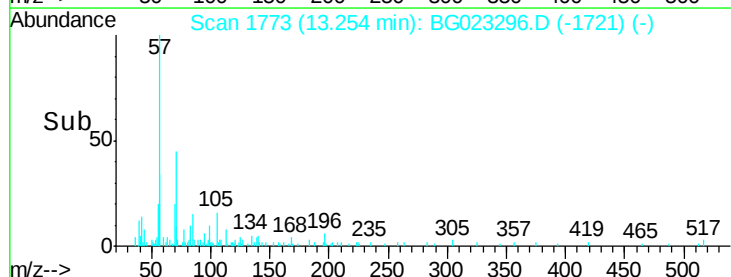
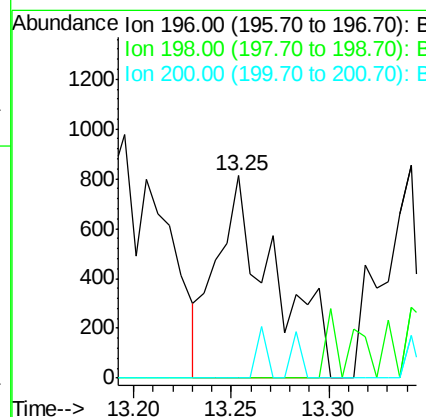
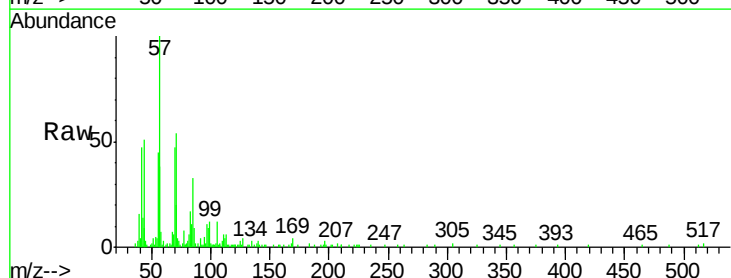
Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

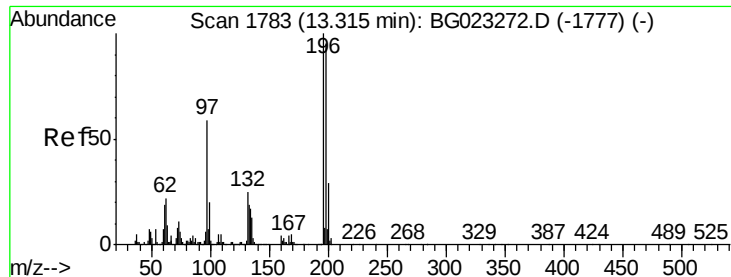
Tgt Ion:330 Resp: 11925
 Ion Ratio Lower Upper
 330 100
 332 107.3 77.4 116.2
 141 57.3 31.7 47.5#



#42
 2,4,6-Trichlorophenol
 Concen: 0.13 ng
 RT: 13.25 min Scan# 1773
 Delta R.T. 0.01 min
 Lab File: BG023296.D
 Acq: 27 Jul 2016 23:41

Tgt Ion:196 Resp: 1660
 Ion Ratio Lower Upper
 196 100
 198 0.0 78.2 117.2#
 200 0.0 27.0 40.4#

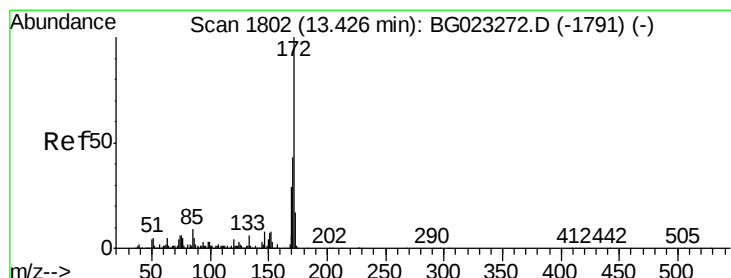
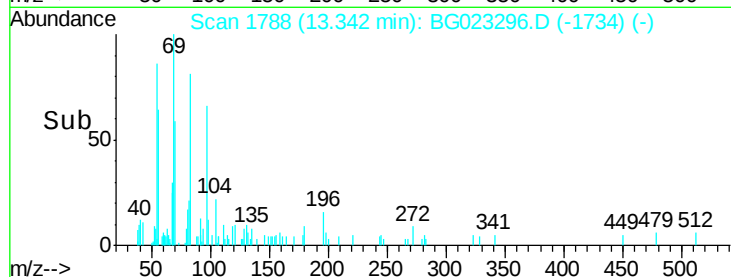
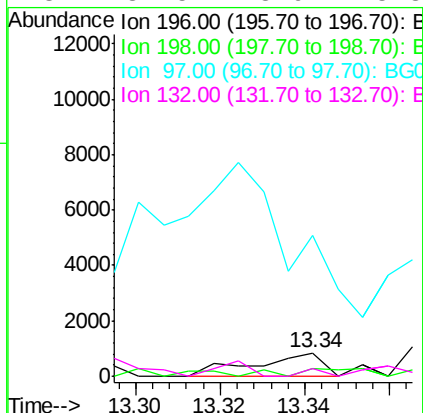
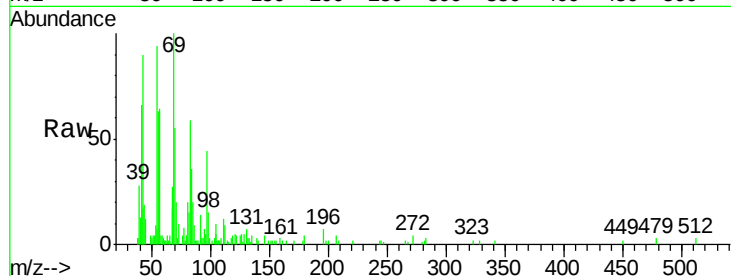




#43
2,4,5-Trichlorophenol
Concen: 0.07 ng
RT: 13.34 min Scan# 1788
Delta R.T. 0.02 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

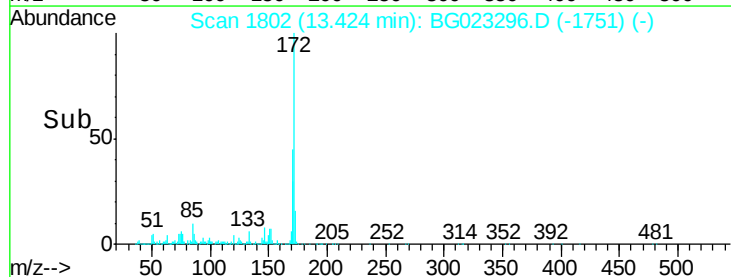
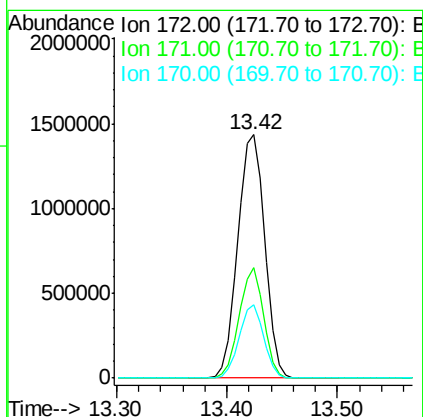
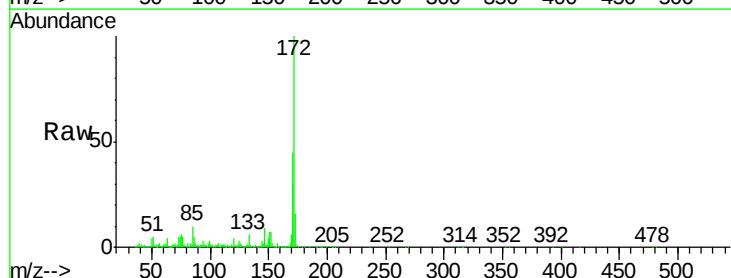
Instrument :
BNA_G
ClientSampleId :
EFF-WW

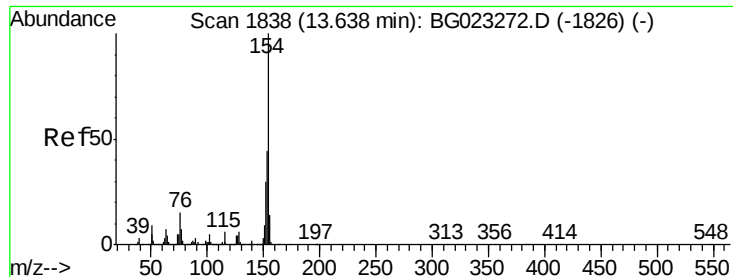
Tgt Ion:196 Resp: 955
Ion Ratio Lower Upper
196 100
198 33.7 85.7 128.5#
97 595.3 45.5 68.3#
132 34.5 18.9 28.3#



#44
2-Fluorobiphenyl
Concen: 68.96 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

Tgt Ion:172 Resp: 2468099
Ion Ratio Lower Upper
172 100
171 45.2 31.6 47.4
170 29.9 21.3 31.9

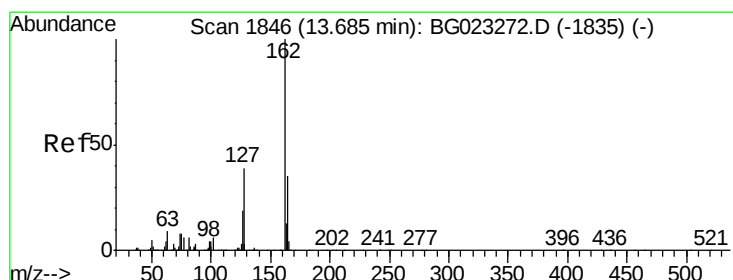
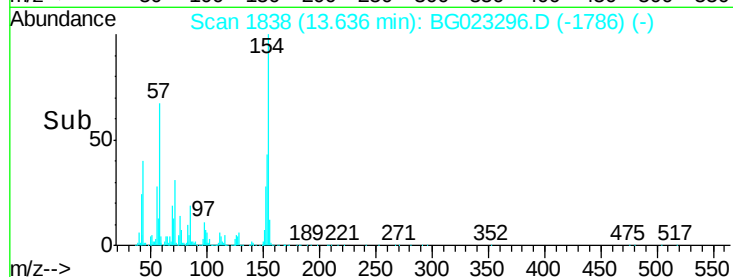
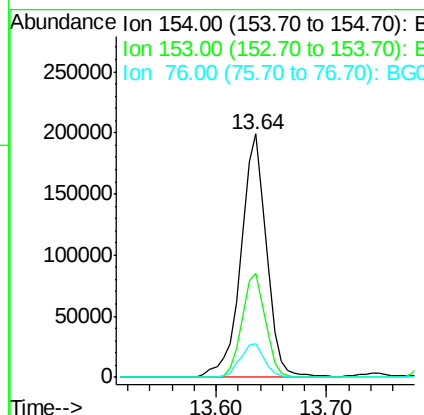
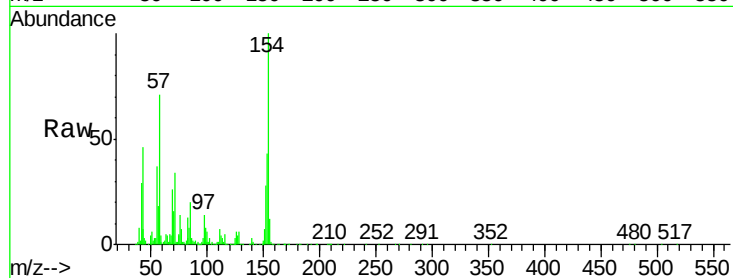




#45
1,1'-Biphenyl
Concen: 6.98 ng
RT: 13.64 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

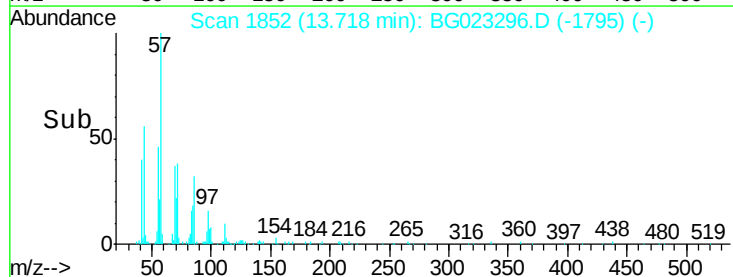
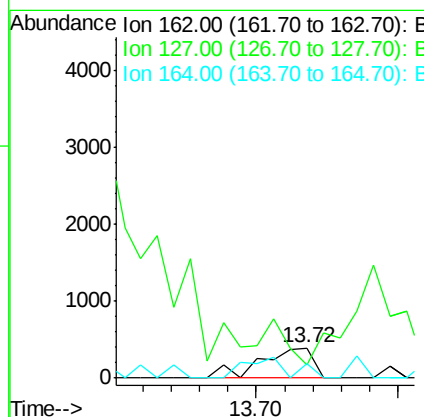
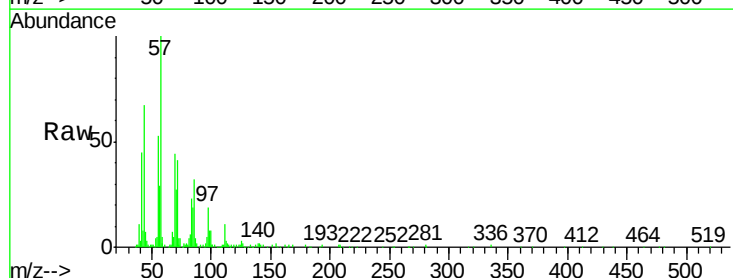
Instrument :
BNA_G
ClientSampleId :
EFF-WW

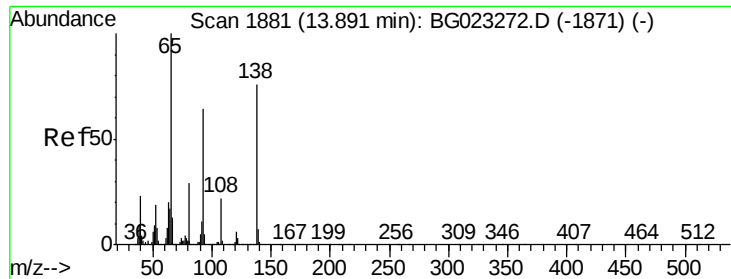
Tgt Ion:154 Resp: 326034
Ion Ratio Lower Upper
154 100
153 42.7 20.2 60.2
76 13.8 0.0 32.9



#46
2-Chloronaphthalene
Concen: 0.01 ng
RT: 13.72 min Scan# 1852
Delta R.T. 0.04 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

Tgt Ion:162 Resp: 502
Ion Ratio Lower Upper
162 100
127 45.3 32.4 48.6
164 48.1 25.2 37.8#





#47

2-Nitroaniline

Concen: 0.04 ng

RT: 13.88 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

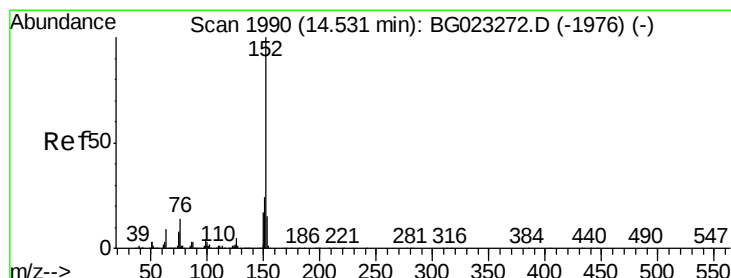
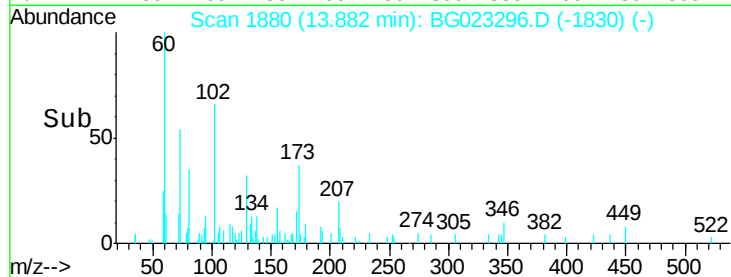
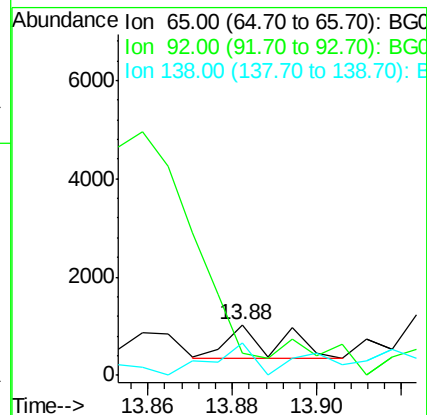
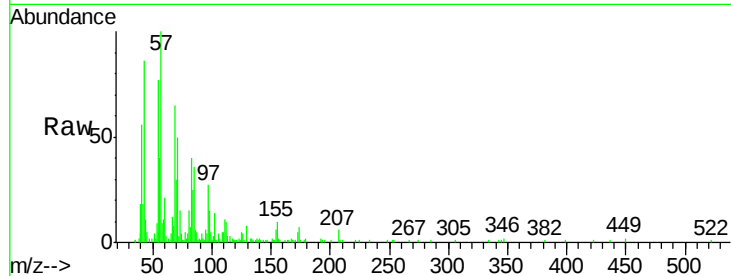
Tgt Ion: 65 Resp: 588

Ion Ratio Lower Upper

65 100

92 44.0 49.4 74.0#

138 63.3 58.0 87.0



#48

Acenaphthylene

Concen: 13.18 ng

RT: 14.78 min Scan# 2032

Delta R.T. 0.24 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

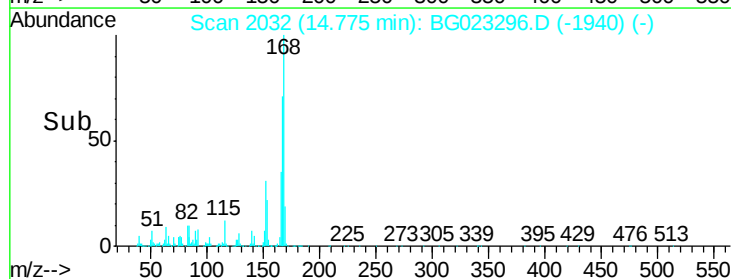
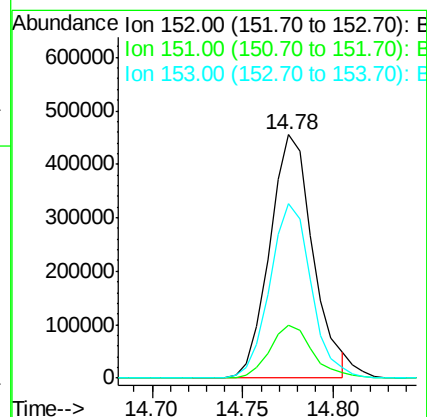
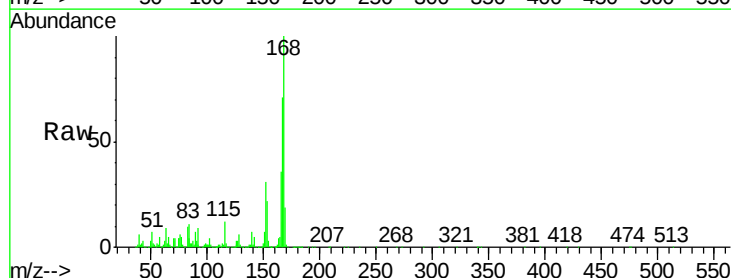
Tgt Ion: 152 Resp: 755368

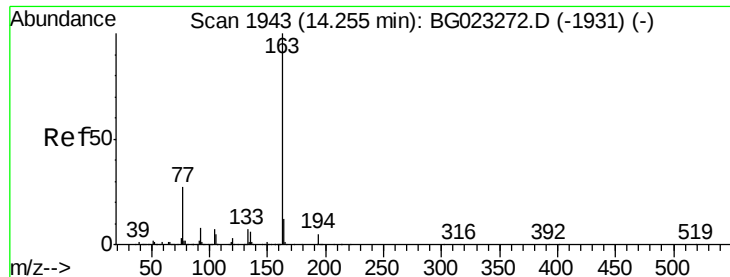
Ion Ratio Lower Upper

152 100

151 21.7 17.6 26.4

153 71.8 11.4 17.2#





#49

Dimethylphthalate

Concen: 9.16 ng

RT: 14.25 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

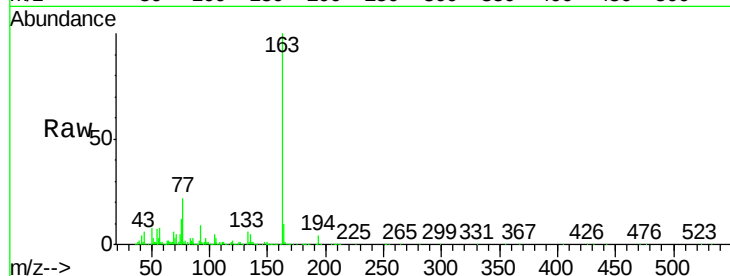
Tgt Ion:163 Resp: 452555

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

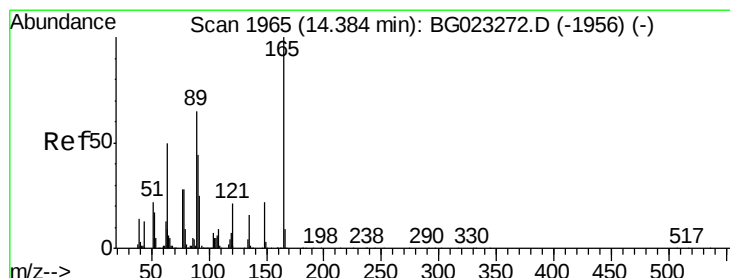
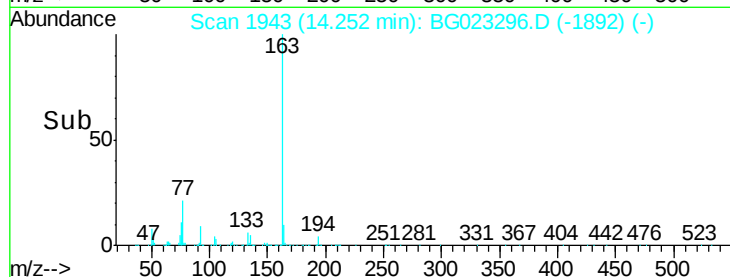
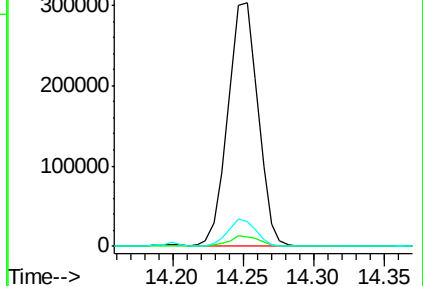
164 10.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.14 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.05 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

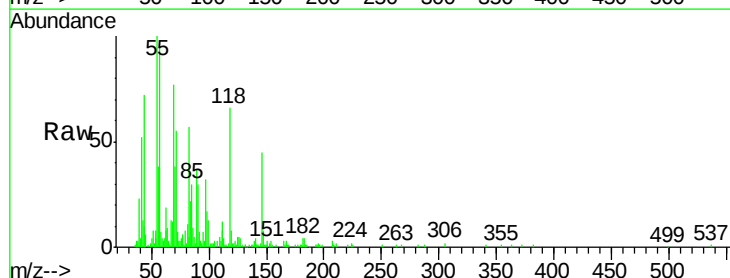
Tgt Ion:165 Resp: 1670

Ion Ratio Lower Upper

165 100

63 655.4 64.3 96.5#

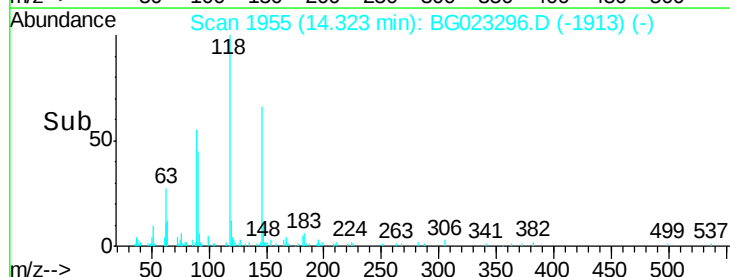
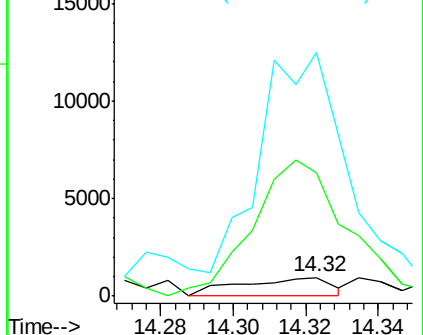
89 1289.7 64.3 96.5#

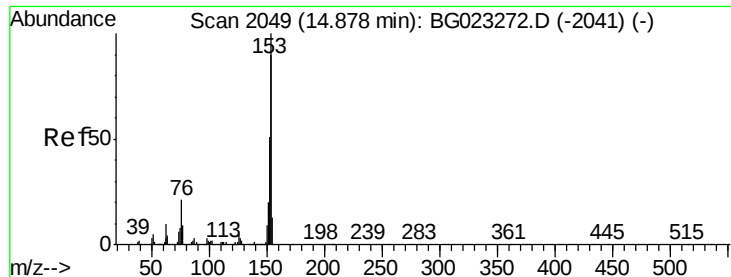


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 0.92 ng

RT: 14.89 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

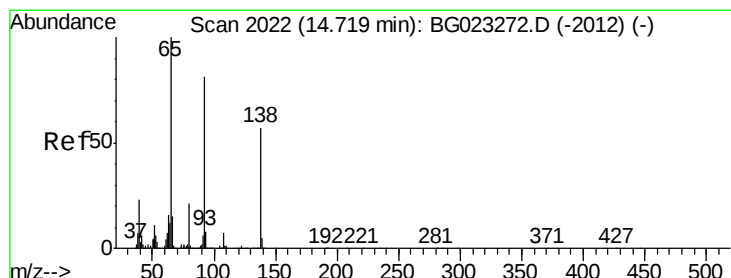
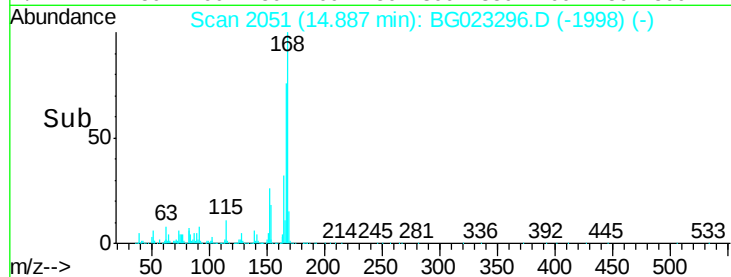
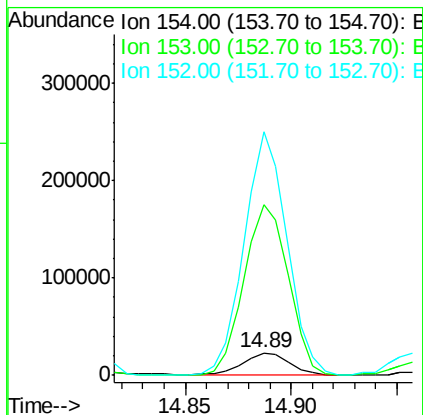
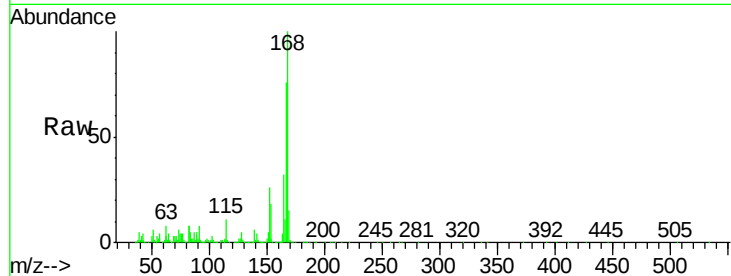
Tgt Ion:154 Resp: 34199

Ion Ratio Lower Upper

154 100

153 758.5 87.5 131.3#

152 1081.4 42.7 64.1#



#52

3-Nitroaniline

Concen: 0.06 ng

RT: 14.71 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

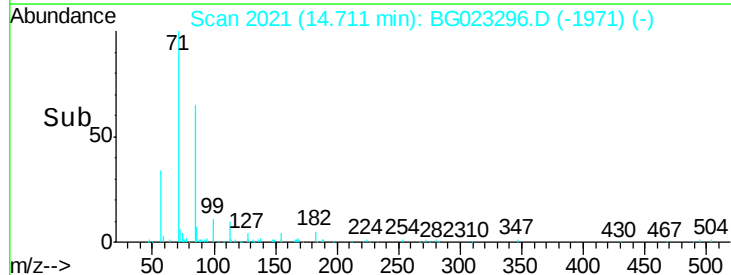
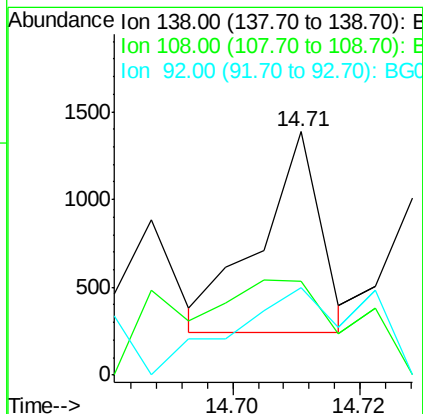
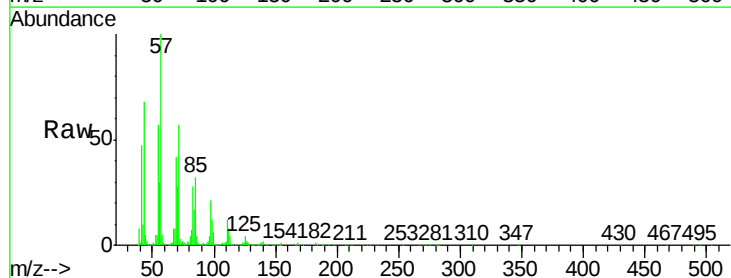
Tgt Ion:138 Resp: 750

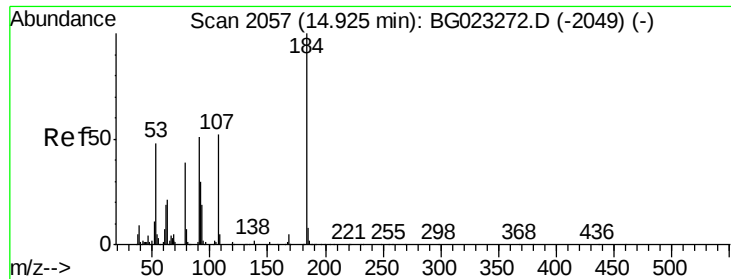
Ion Ratio Lower Upper

138 100

108 38.7 11.7 17.5#

92 35.9 129.7 194.5#





#53

2,4-Dinitrophenol

Concen: 0.21 ng

RT: 14.90 min Scan# 2054

Delta R.T. -0.02 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

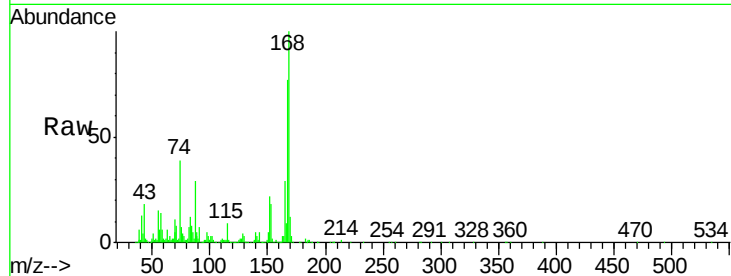
Tgt Ion:184 Resp: 1429

Ion Ratio Lower Upper

184 100

63 1341.3 59.6 89.4#

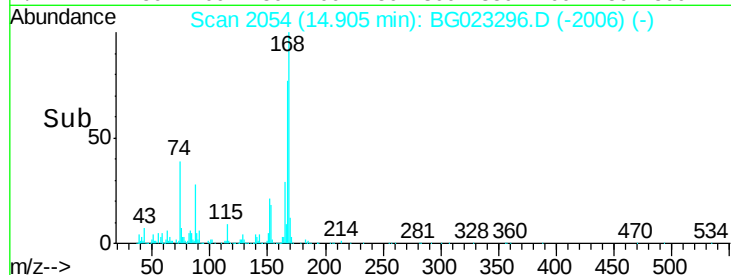
154 589.8 67.4 101.0#



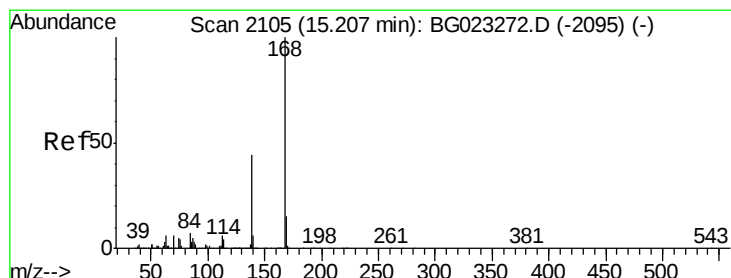
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG023272.D (-2049) (-)

Ion 154.00 (153.70 to 154.70): E



Time-->



#54

Dibenzofuran

Concen: 0.37 ng

RT: 14.96 min Scan# 2063

Delta R.T. -0.25 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

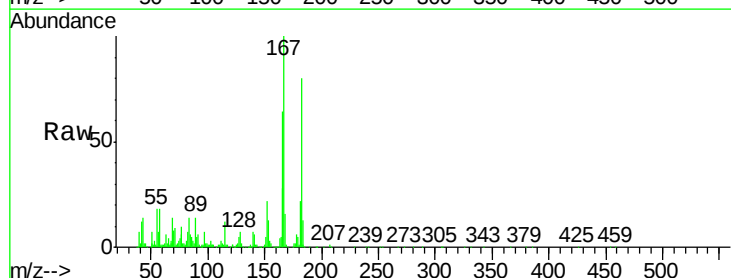
Tgt Ion:168 Resp: 19335

Ion Ratio Lower Upper

168 100

139 47.2 36.4 54.6

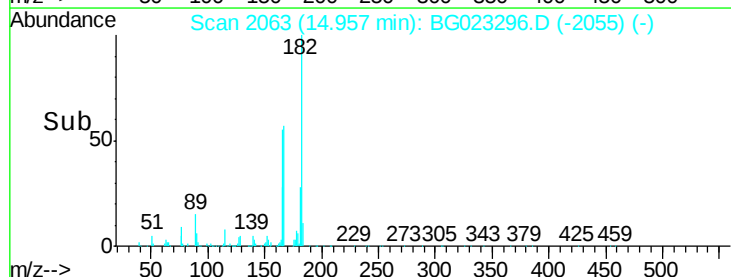
169 6.9 11.9 17.9#



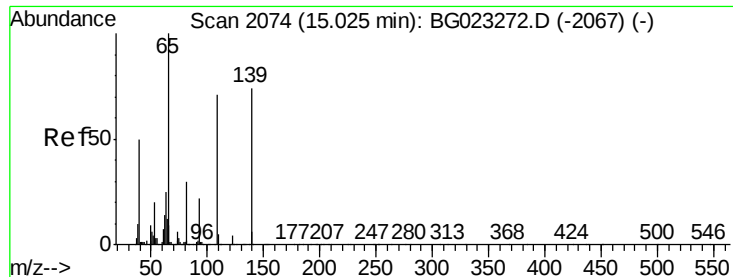
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



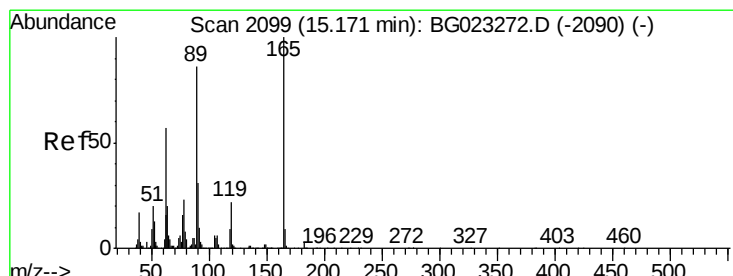
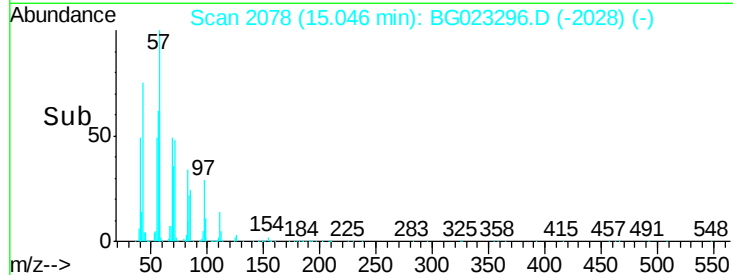
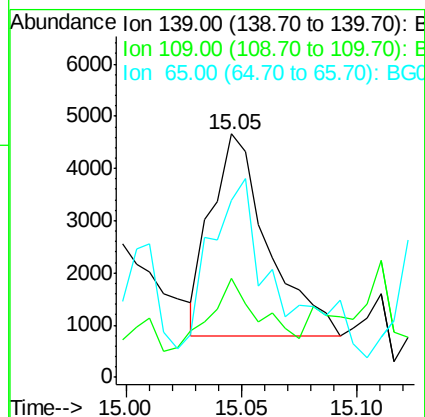
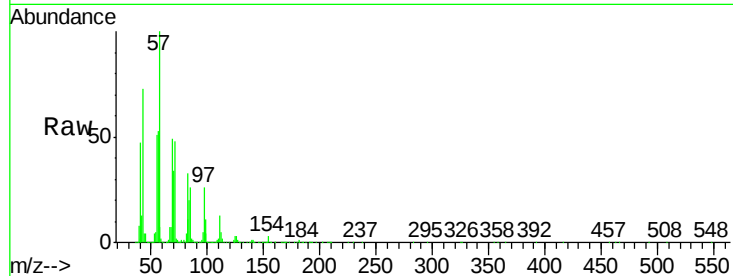
Time-->



#55
4-Nitrophenol
Concen: 0.66 ng
RT: 15.05 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

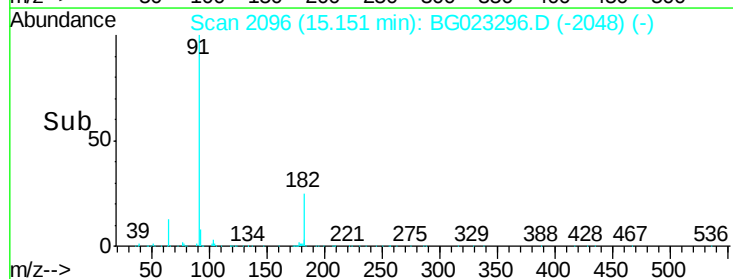
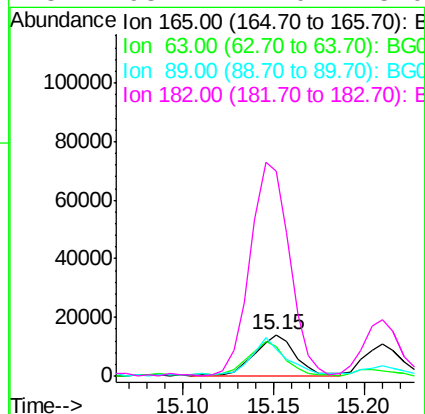
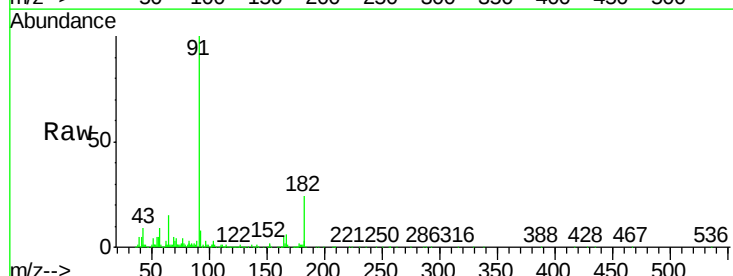
Instrument :
BNA_G
ClientSampleId :
EFF-WW

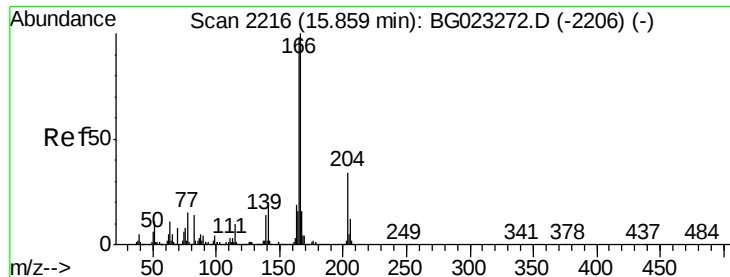
Tgt Ion:139 Resp: 6636
Ion Ratio Lower Upper
139 100
109 40.7 103.0 143.0#
65 72.6 112.7 152.7#



#56
2,4-Dinitrotoluene
Concen: 1.37 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.02 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

Tgt Ion:165 Resp: 22283
Ion Ratio Lower Upper
165 100
63 71.5 45.8 68.6#
89 66.5 68.6 102.8#
182 498.7 2.0 3.0#





#57

Fluorene

Concen: 0.43 ng

RT: 15.88 min Scan# 2220

Delta R.T. 0.02 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

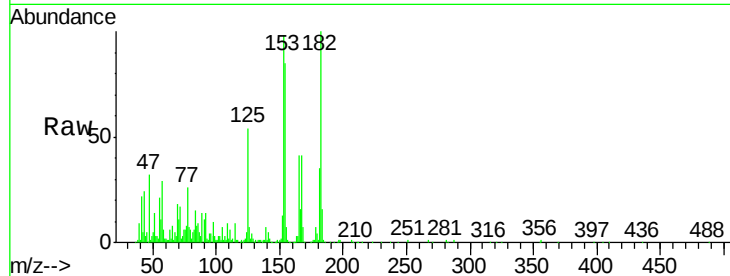
Tgt Ion:166 Resp: 19764

Ion Ratio Lower Upper

166 100

165 251.8 81.0 121.6#

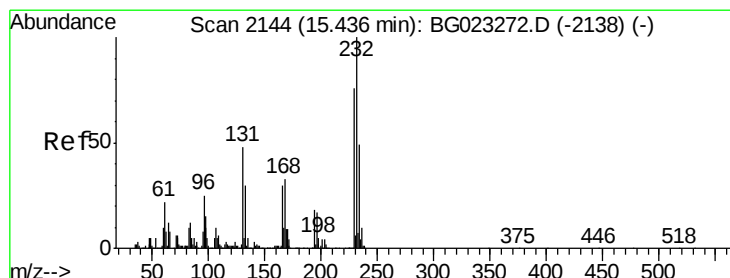
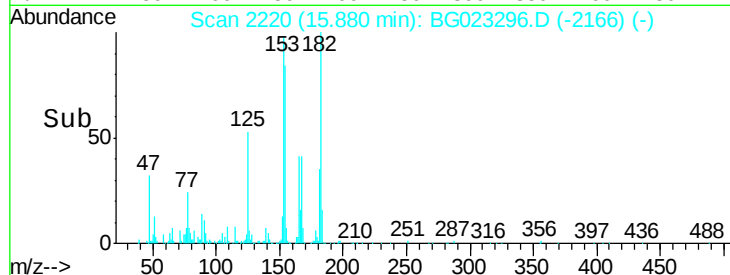
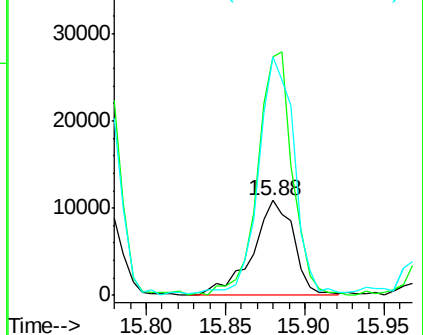
167 251.5 12.0 18.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 0.04 ng

RT: 15.43 min Scan# 2144

Delta R.T. -0.00 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Tgt Ion:232 Resp: 450

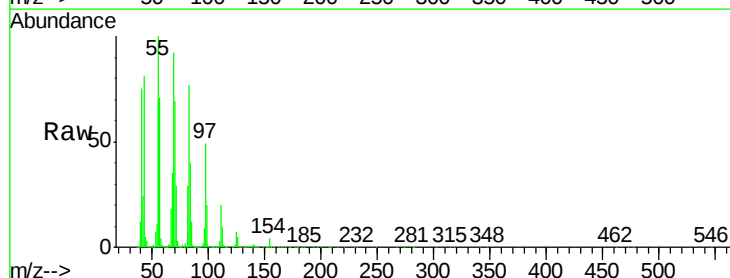
Ion Ratio Lower Upper

232 100

131 228.9 32.7 49.1#

130 32.2 2.6 3.8#

166 0.0 23.0 34.6#

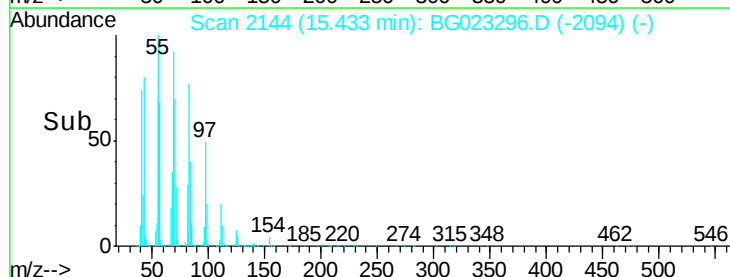
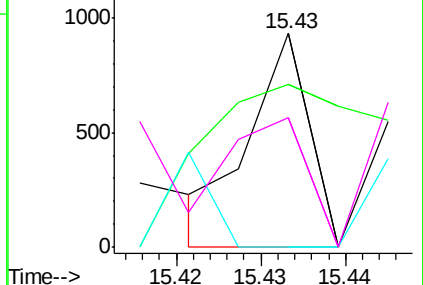


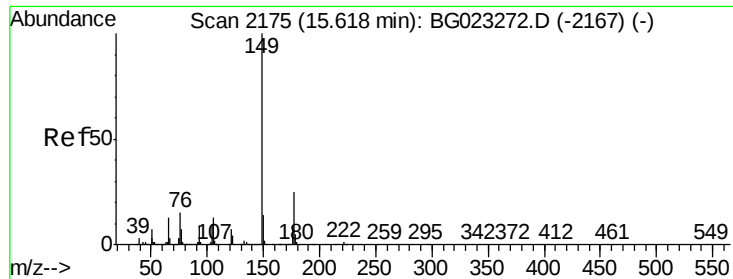
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 0.14 ng

RT: 15.61 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

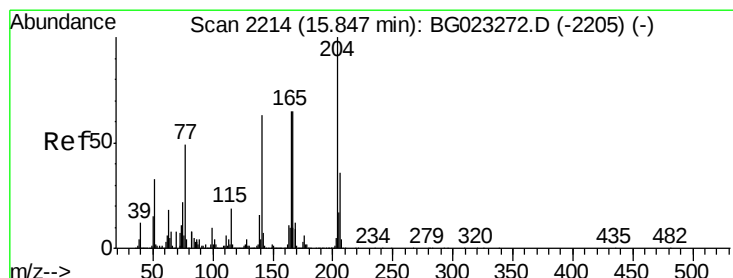
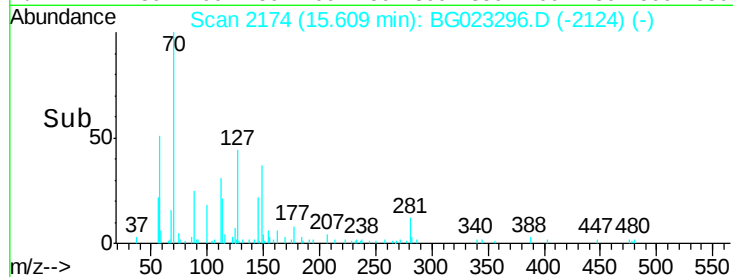
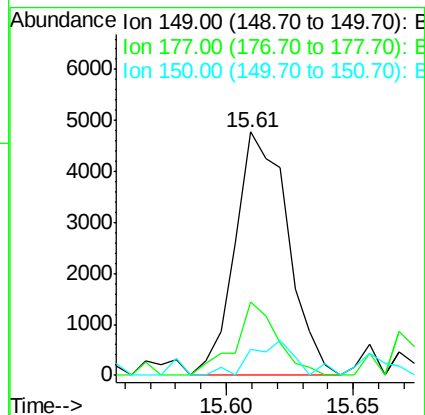
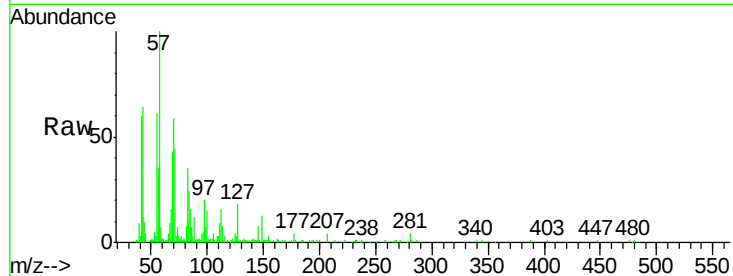
Instrument :

BNA_G

ClientSampleId :

EFF-WW

Tgt Ion:	149	Resp:	6907
Ion Ratio	Lower	Upper	
149	100		
177	30.0	19.2	28.8#
150	10.5	10.6	16.0#



#60

4-Chlorophenyl-phenylether

Concen: 0.03 ng

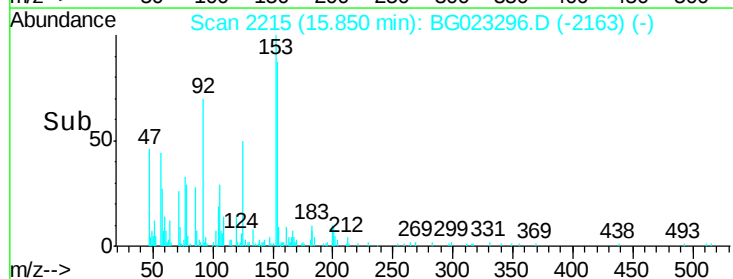
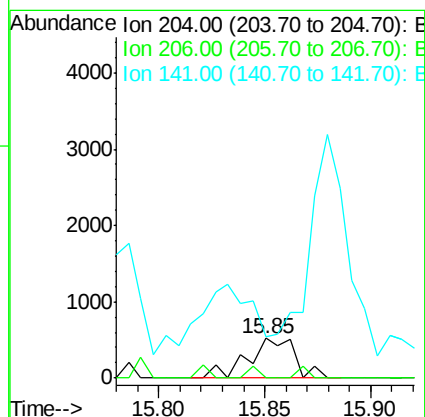
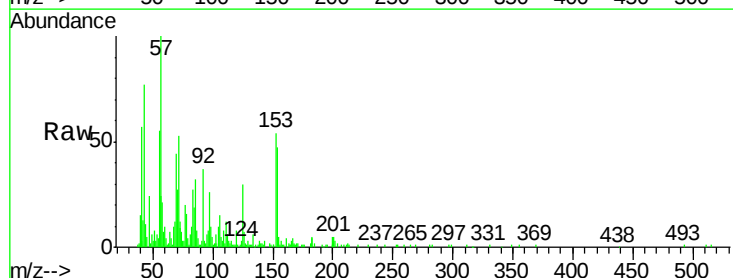
RT: 15.85 min Scan# 2215

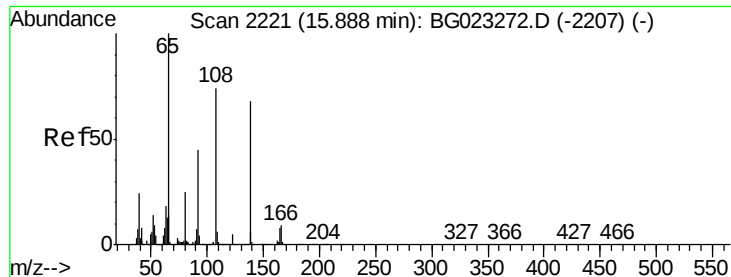
Delta R.T. 0.01 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Tgt Ion:	204	Resp:	803
Ion Ratio	Lower	Upper	
204	100		
206	0.0	28.5	42.7#
141	104.4	51.4	77.0#

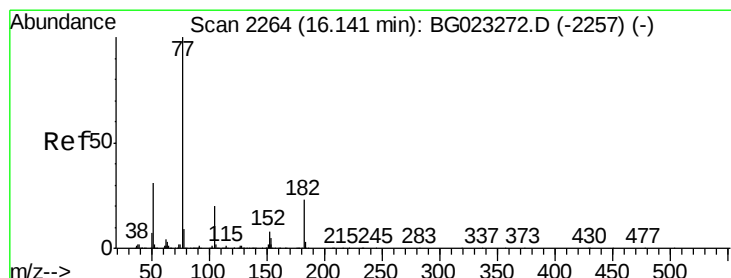
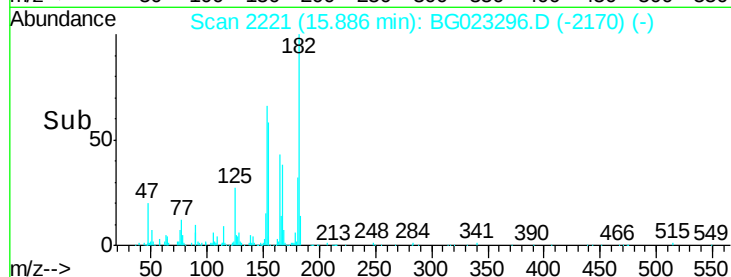
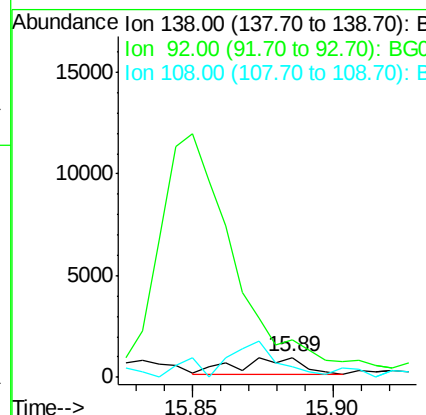
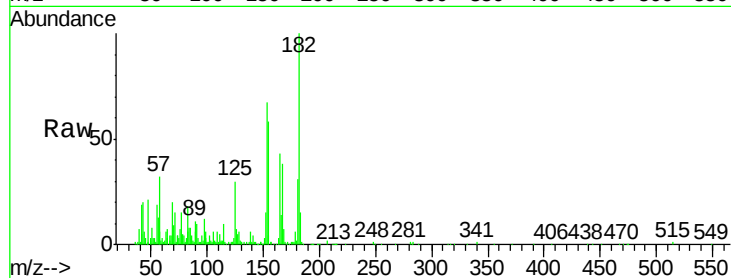




#61
4-Nitroaniline
Concen: 0.10 ng
RT: 15.89 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

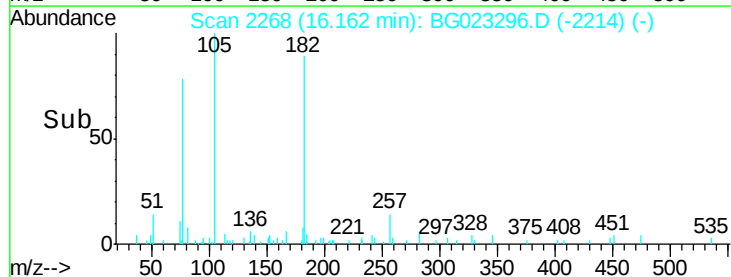
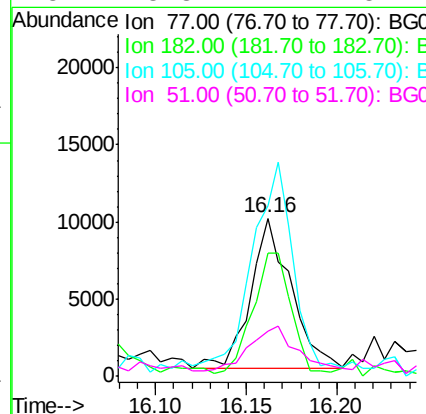
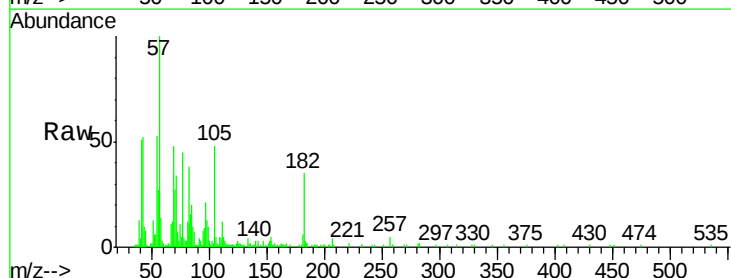
Instrument :
BNA_G
ClientSampleId :
EFF-WW

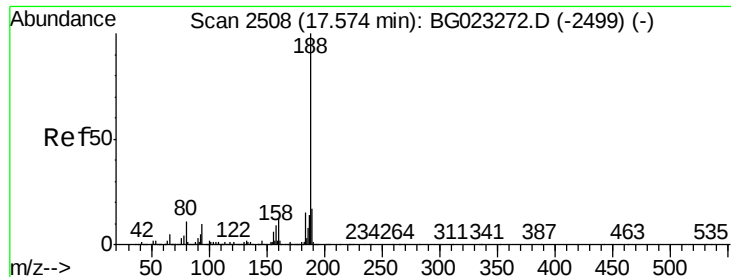
Tgt Ion:138 Resp: 1277
Ion Ratio Lower Upper
138 100
92 190.2 54.1 94.1#
108 54.0 133.9 173.9#



#62
Azobenzene
Concen: 0.28 ng
RT: 16.16 min Scan# 2268
Delta R.T. 0.02 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

Tgt Ion: 77 Resp: 14923
Ion Ratio Lower Upper
77 100
182 78.4 3.5 43.5#
105 108.2 0.0 38.5#
51 28.3 17.1 57.1

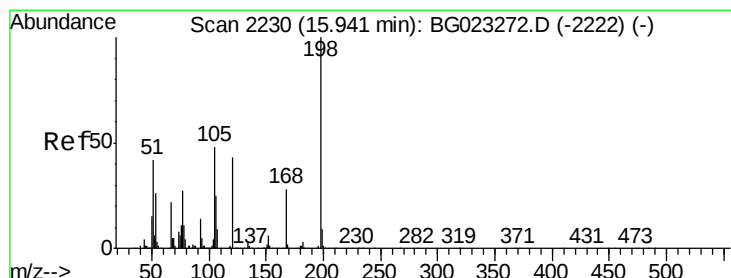
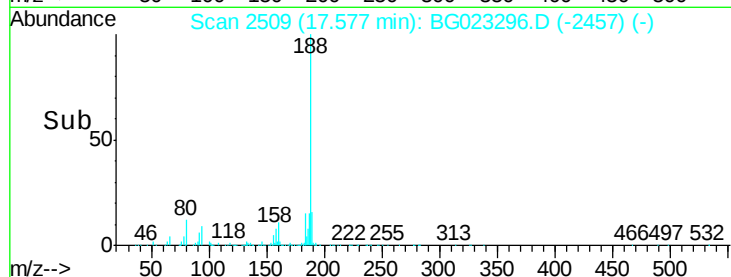
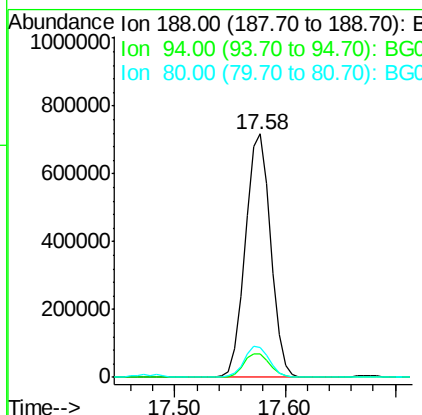
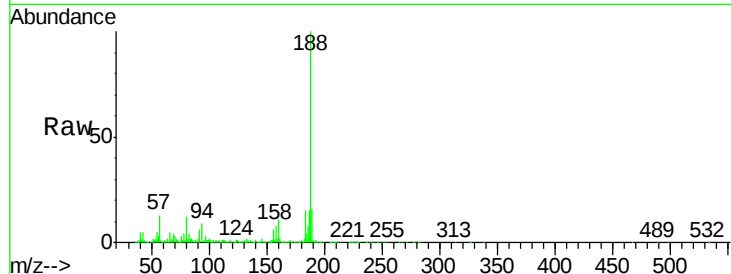




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2509
Delta R.T. 0.01 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

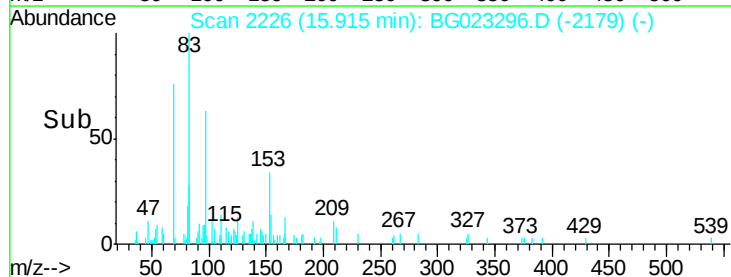
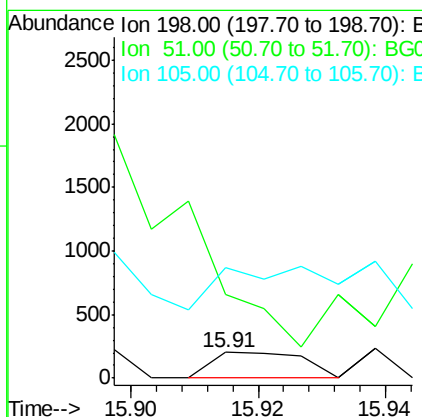
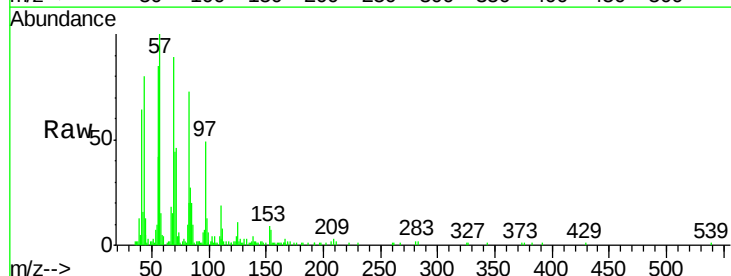
Instrument :
BNA_G
ClientSampleId :
EFF-WW

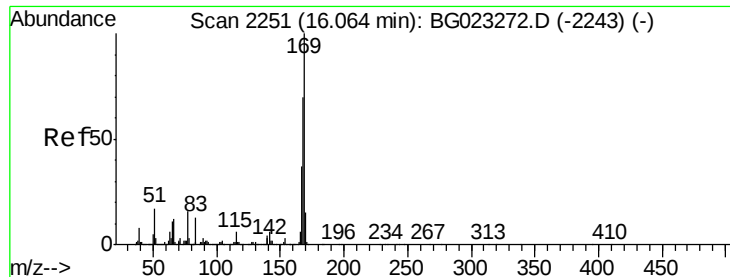
Tgt Ion:188 Resp: 1156599
Ion Ratio Lower Upper
188 100
94 9.4 5.2 7.8#
80 12.0 7.2 10.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 0.03 ng
RT: 15.91 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

Tgt Ion:198 Resp: 203
Ion Ratio Lower Upper
198 100
51 324.5 26.0 66.0#
105 424.0 20.1 60.1#





#65

n-Nitrosodiphenylamine

Concen: 0.01 ng

RT: 16.09 min Scan# 2256

Delta R.T. 0.03 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

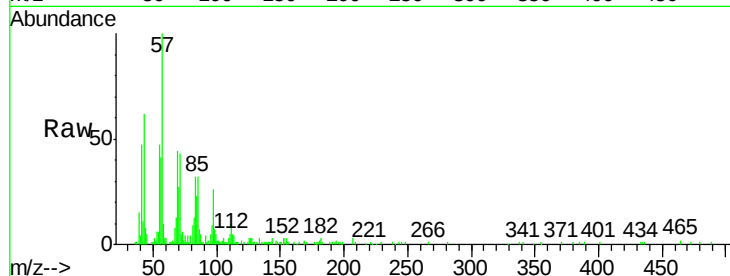
Tgt Ion:169 Resp: 279

Ion Ratio Lower Upper

169 100

168 134.4 55.0 82.4#

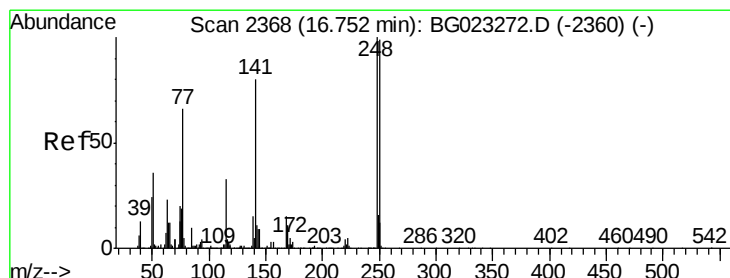
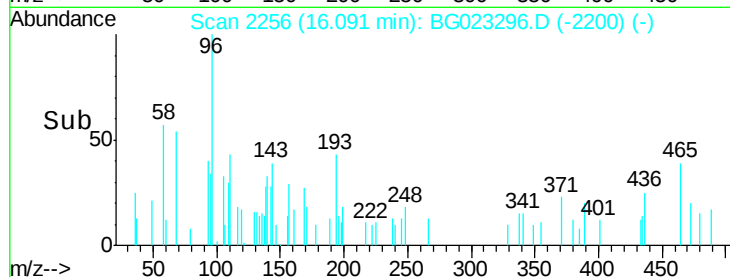
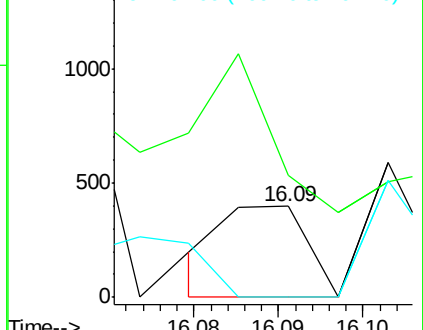
167 0.0 27.4 41.0#



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: 0.04 ng

RT: 16.74 min Scan# 2367

Delta R.T. -0.00 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

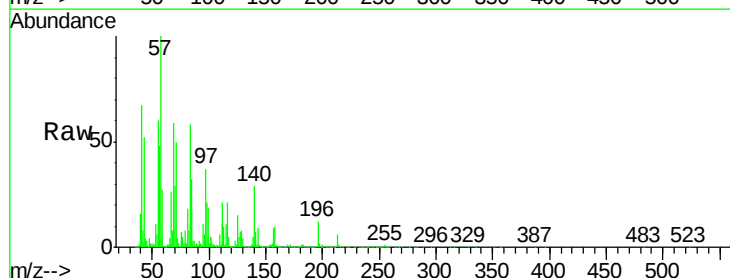
Tgt Ion:248 Resp: 510

Ion Ratio Lower Upper

248 100

250 57.4 77.8 116.8#

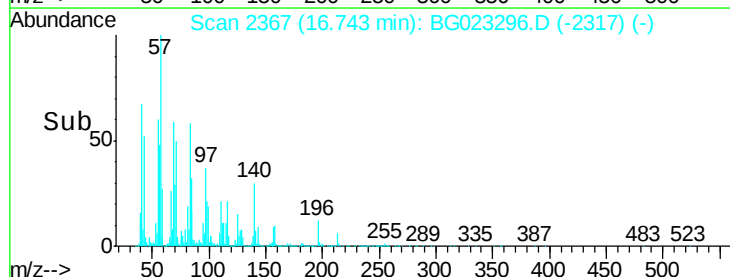
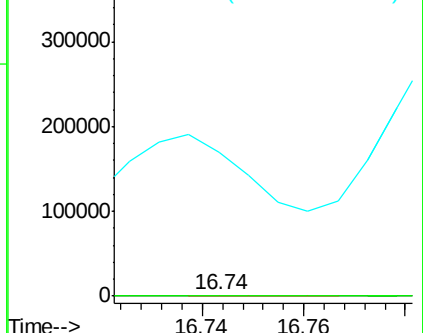
141 34714.8 65.7 98.5#

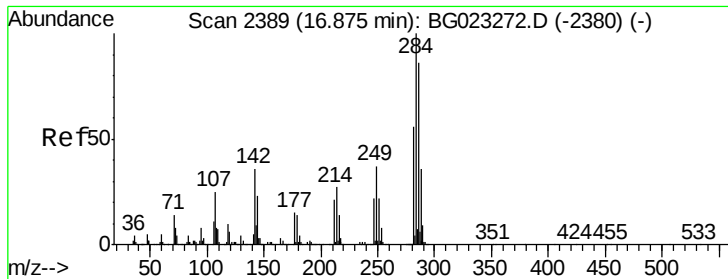


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

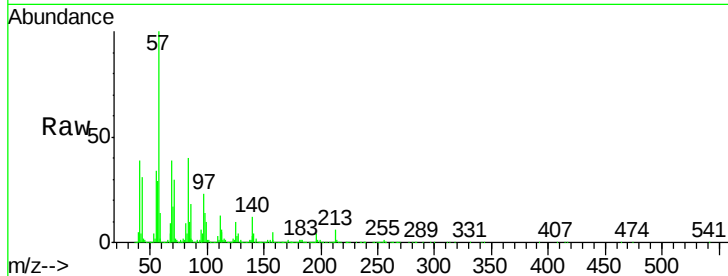




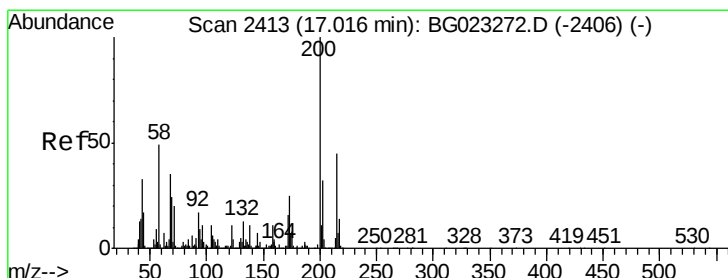
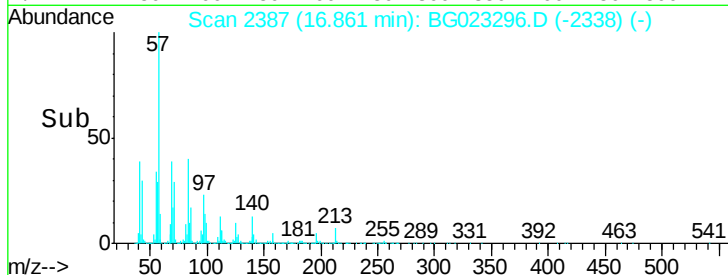
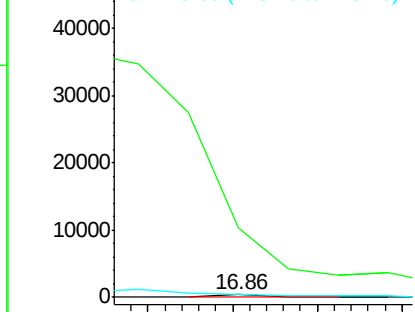
#67
Hexachlorobenzene
Concen: 0.01 ng
RT: 16.86 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Tgt Ion:284 Resp: 130
Ion Ratio Lower Upper
284 100
142 2821.4 26.8 40.2#
249 136.0 28.9 43.3#

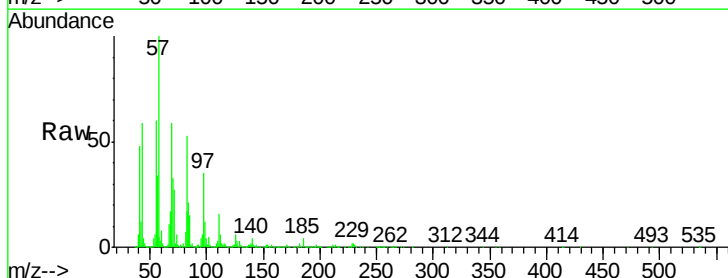


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

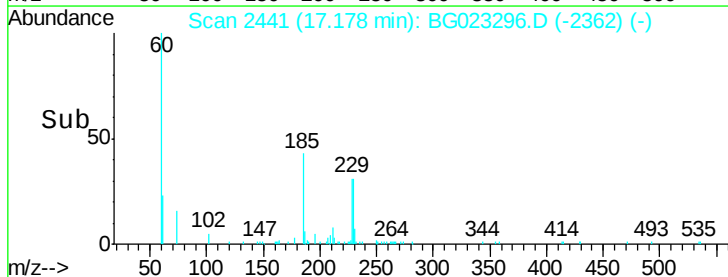
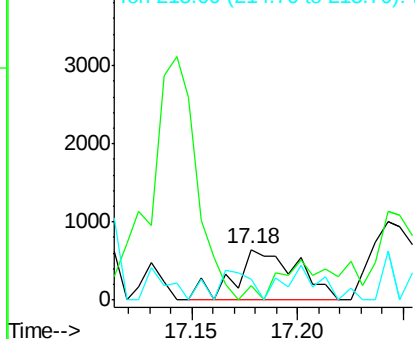


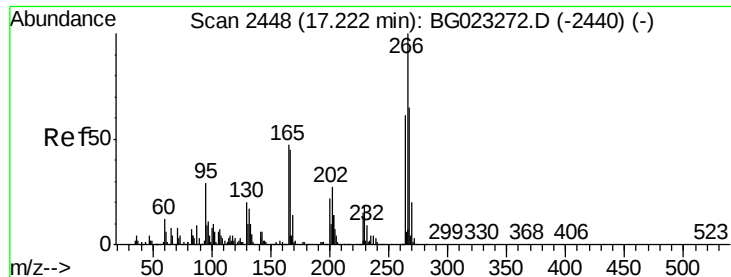
#68
Atrazine
Concen: 0.11 ng
RT: 17.18 min Scan# 2441
Delta R.T. 0.17 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

Tgt Ion:200 Resp: 1349
Ion Ratio Lower Upper
200 100
173 28.6 1.6 41.6
215 41.1 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: 0.48 ng

RT: 17.24 min Scan# 2452

Delta R.T. 0.02 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampled :

EFF-WW

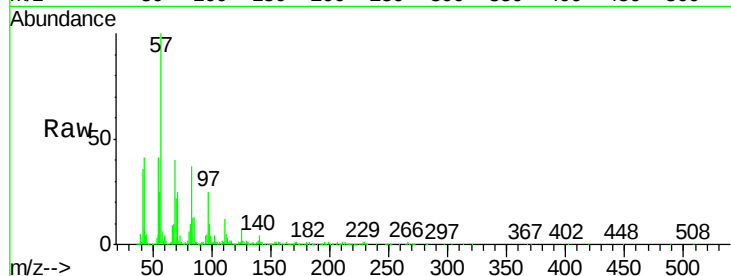
Tgt Ion:266 Resp: 3496

Ion Ratio Lower Upper

266 100

268 45.7 51.9 77.9#

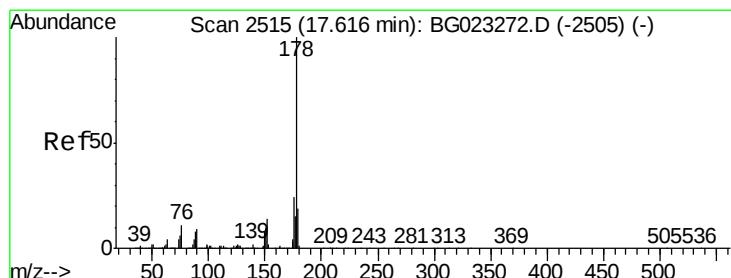
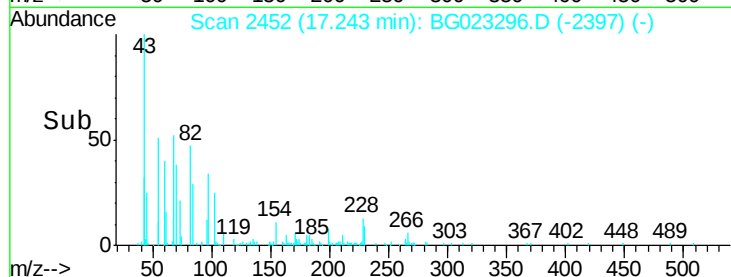
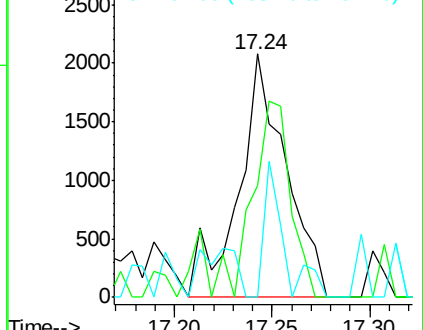
264 0.0 50.6 75.8#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 0.04 ng

RT: 17.77 min Scan# 2542

Delta R.T. 0.16 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

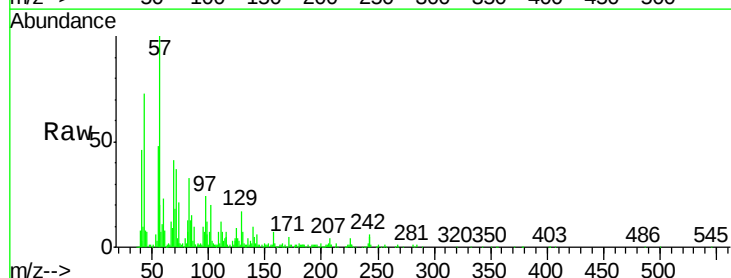
Tgt Ion:178 Resp: 1808

Ion Ratio Lower Upper

178 100

176 23.2 16.8 25.2

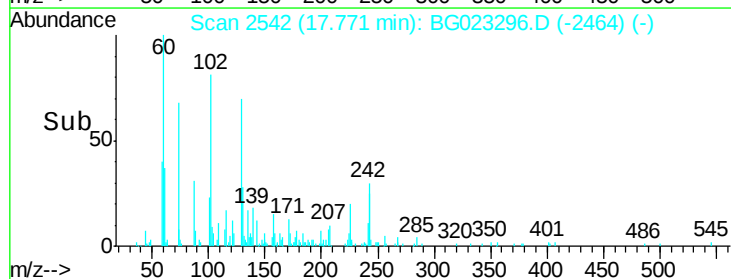
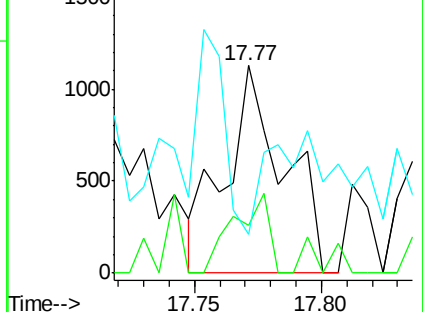
179 18.8 14.3 21.5

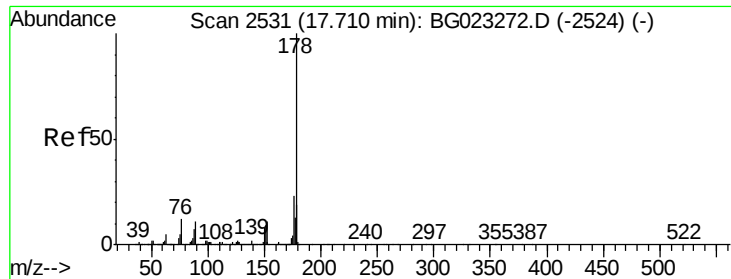


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.04 ng

RT: 17.77 min Scan# 2542

Delta R.T. 0.07 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

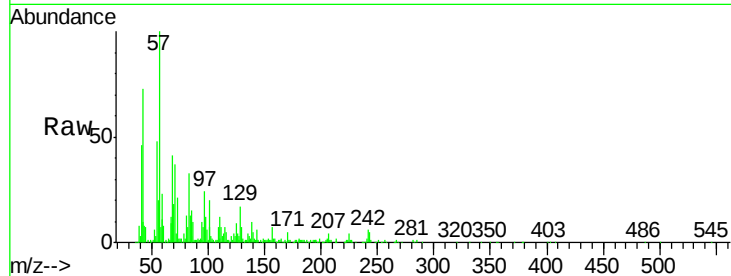
Tgt Ion:178 Resp: 1808

Ion Ratio Lower Upper

178 100

176 23.2 17.3 25.9

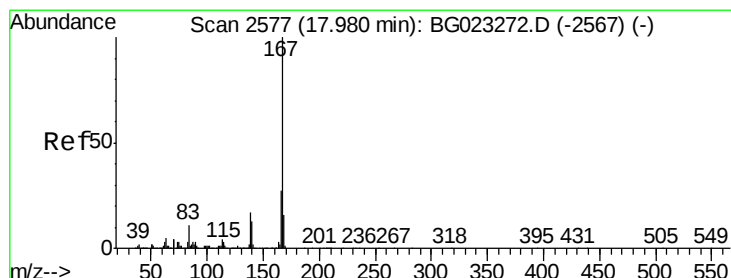
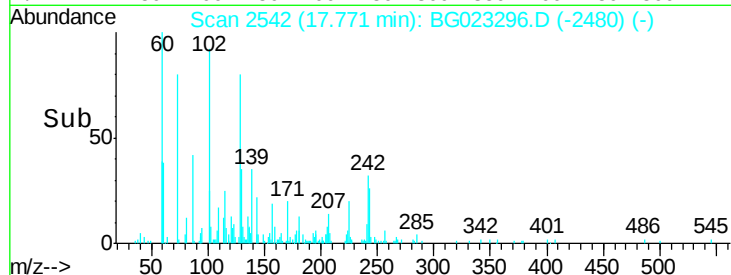
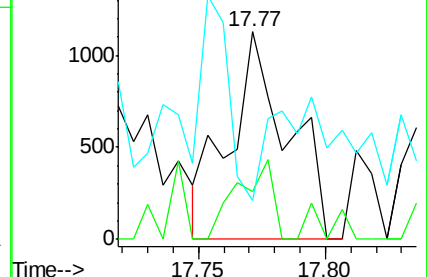
179 18.8 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 0.05 ng

RT: 17.99 min Scan# 2579

Delta R.T. 0.01 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

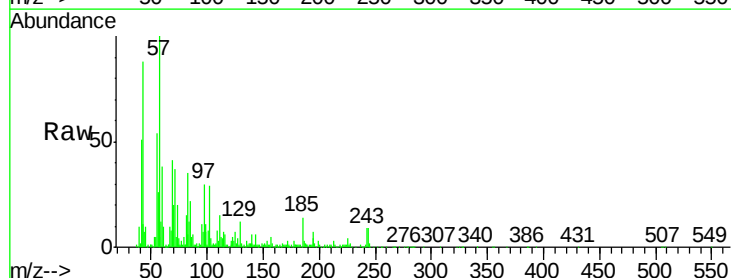
Tgt Ion:167 Resp: 2500

Ion Ratio Lower Upper

167 100

166 10.1 20.7 31.1#

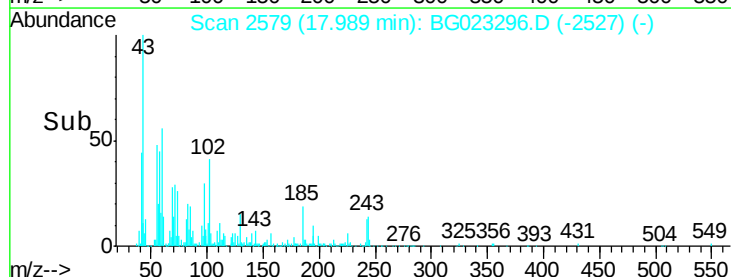
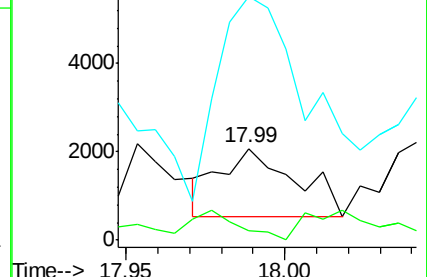
139 266.8 11.9 17.9#

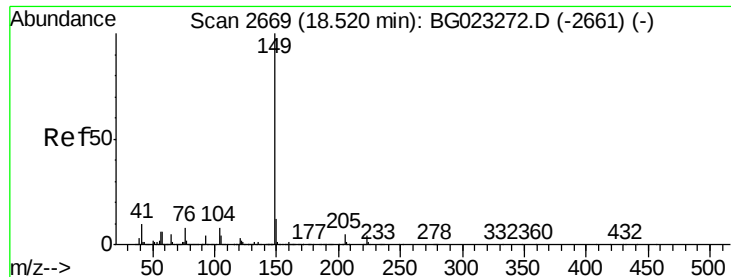


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

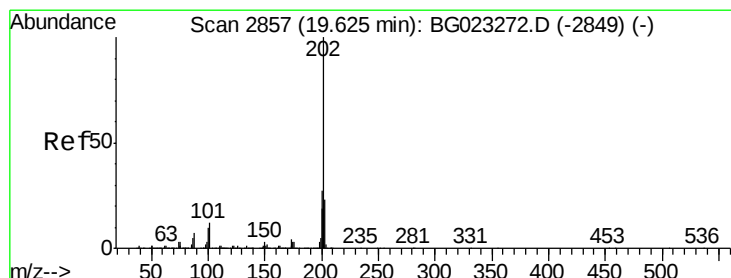
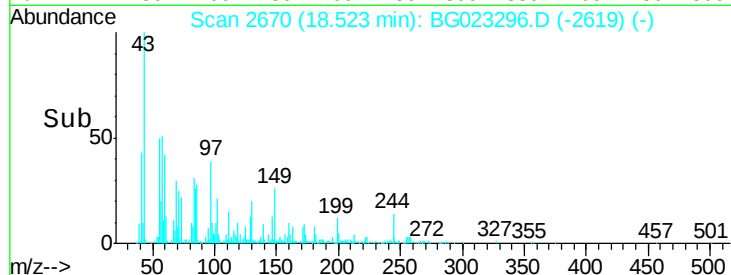
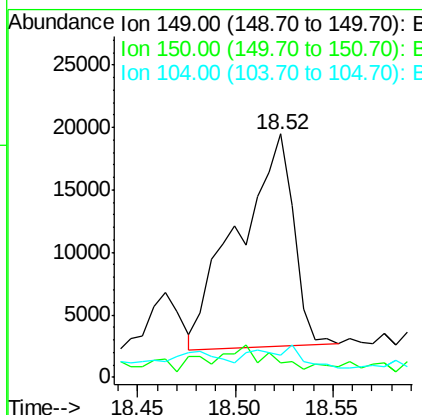
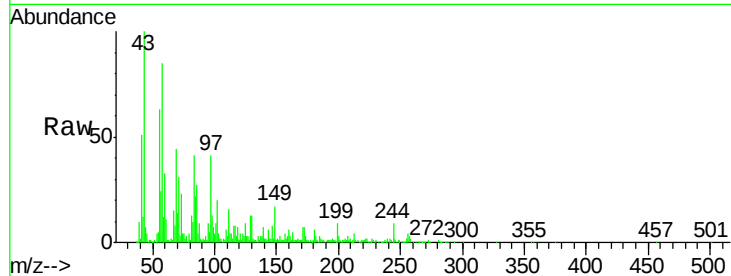




#73
Di-n-butylphthalate
Concen: 0.64 ng
RT: 18.52 min Scan# 2670
Delta R.T. 0.00 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

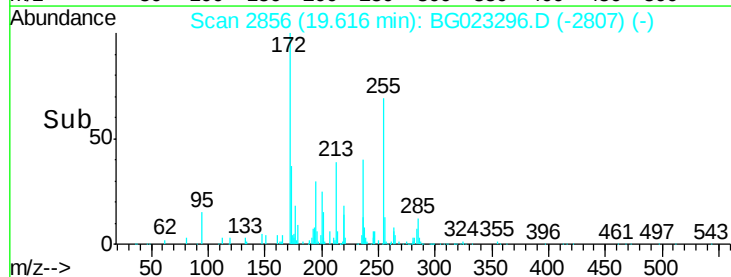
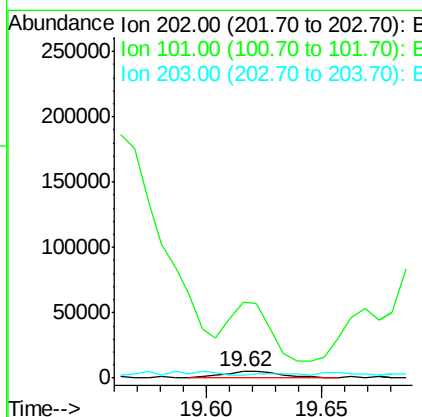
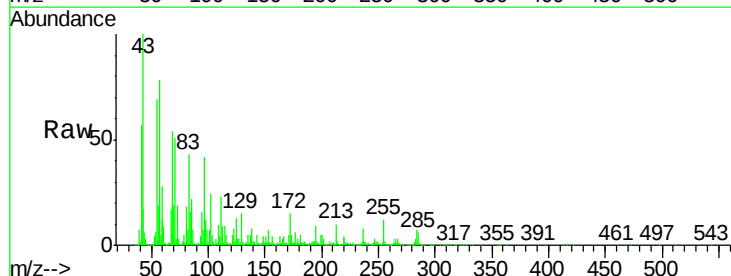
Instrument :
BNA_G
ClientSampleId :
EFF-WW

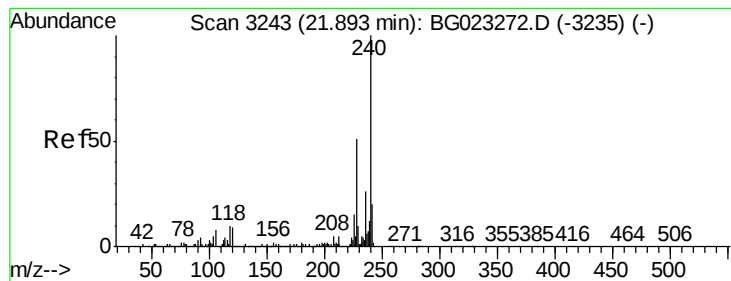
Tgt Ion:149 Resp: 33332
Ion Ratio Lower Upper
149 100
150 6.1 9.1 13.7#
104 9.4 6.9 10.3



#74
Fluoranthene
Concen: 0.14 ng
RT: 19.62 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BG023296.D
Acq: 27 Jul 2016 23:41

Tgt Ion:202 Resp: 8161
Ion Ratio Lower Upper
202 100
101 1173.9 0.0 27.4#
203 50.8 1.7 41.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.91 min Scan# 3247

Delta R.T. 0.02 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

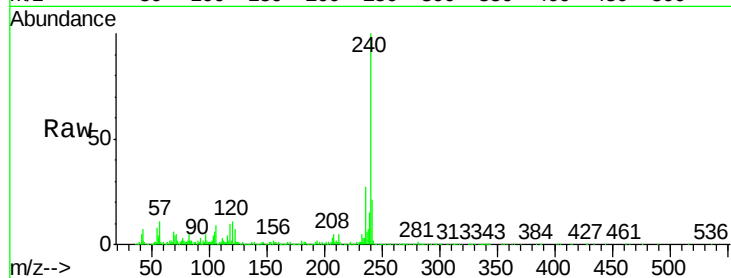
Tgt Ion:240 Resp: 1091282

Ion Ratio Lower Upper

240 100

120 11.3 4.1 6.1#

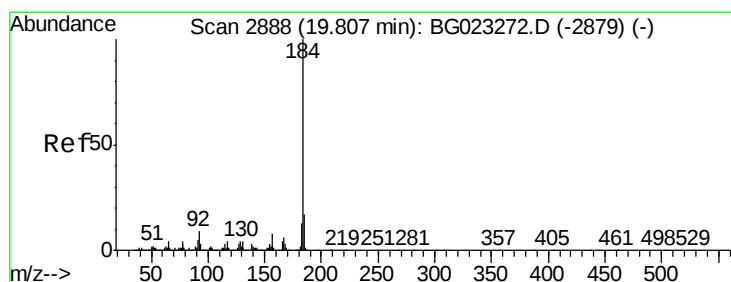
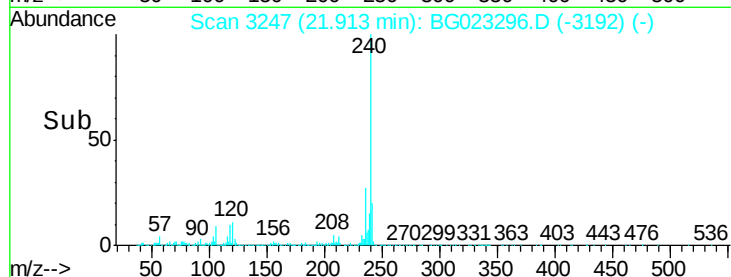
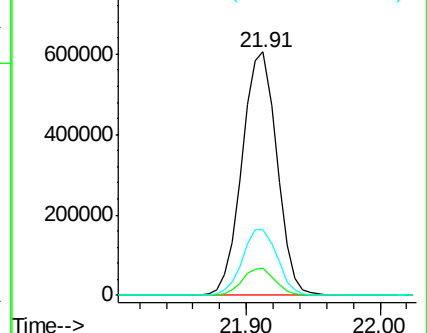
236 26.9 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.09 ng

RT: 19.83 min Scan# 2892

Delta R.T. 0.02 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

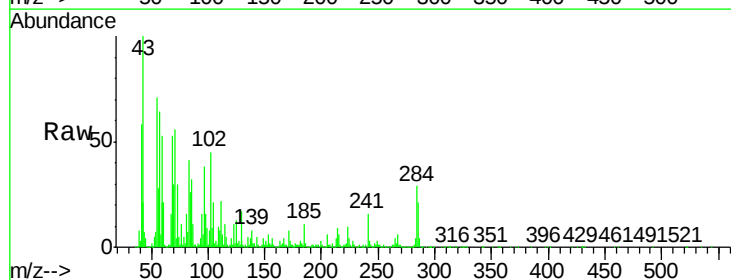
Tgt Ion:184 Resp: 2860

Ion Ratio Lower Upper

184 100

185 3048.3 12.6 19.0#

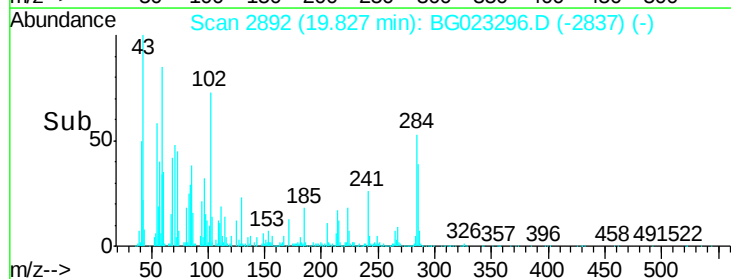
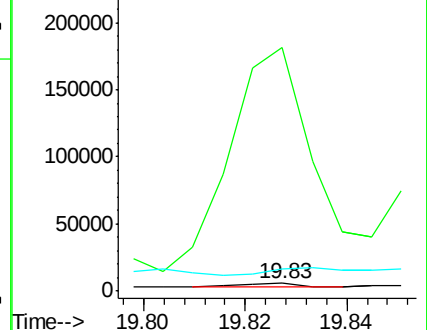
183 275.5 10.7 16.1#

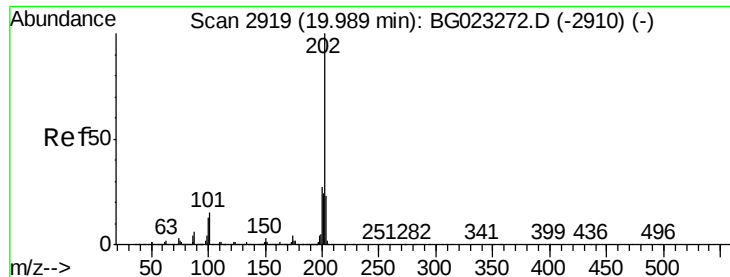


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

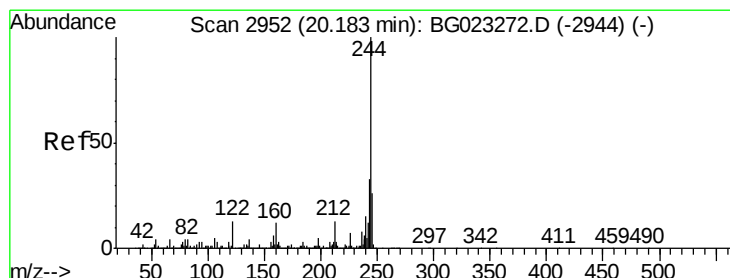
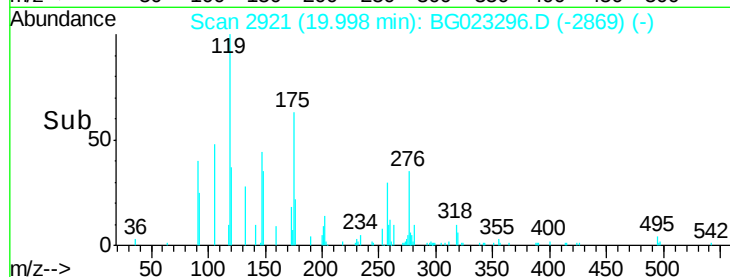
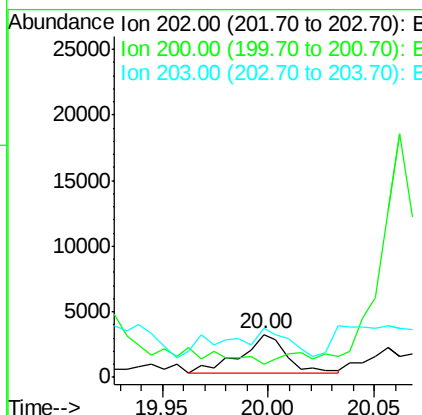
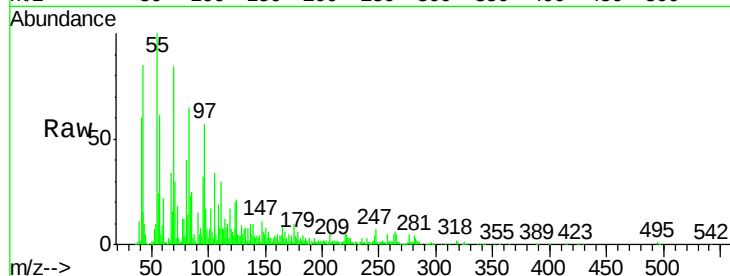




#77
 Pyrene
 Concen: 0.07 ng
 RT: 20.00 min Scan# 2921
 Delta R.T. 0.01 min
 Lab File: BG023296.D
 Acq: 27 Jul 2016 23:41

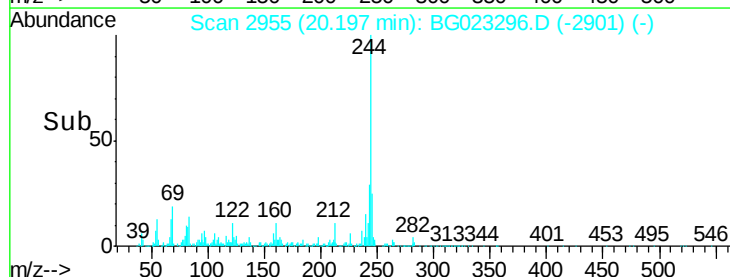
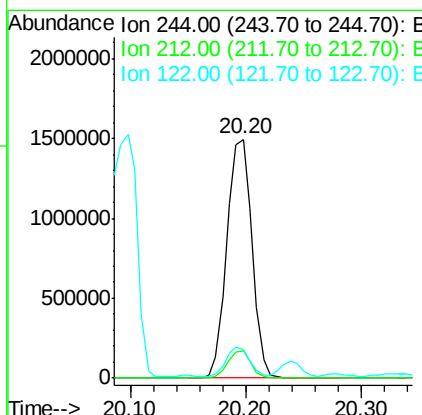
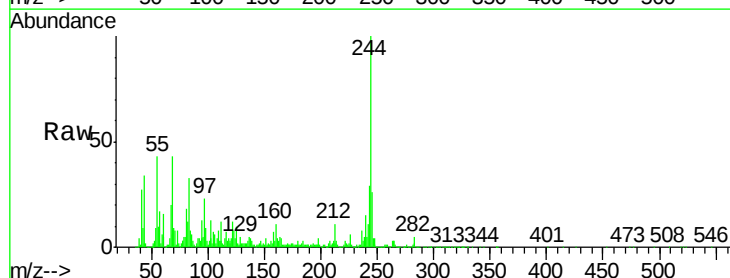
Instrument :
 BNA_G
 ClientSampled :
 EFF-WW

Tgt Ion: 202 Resp: 4308
 Ion Ratio Lower Upper
 202 100
 200 30.3 21.2 31.8
 203 115.6 16.8 25.2#



#78
 Terphenyl-d14
 Concen: 67.05 ng
 RT: 20.20 min Scan# 2955
 Delta R.T. 0.02 min
 Lab File: BG023296.D
 Acq: 27 Jul 2016 23:41

Tgt Ion: 244 Resp: 2250841
 Ion Ratio Lower Upper
 244 100
 212 11.4 10.8 16.2
 122 12.0 8.0 12.0





#79

Butylbenzylphthalate

Concen: 0.21 ng

RT: 20.88 min Scan# 3071

Delta R.T. 0.01 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

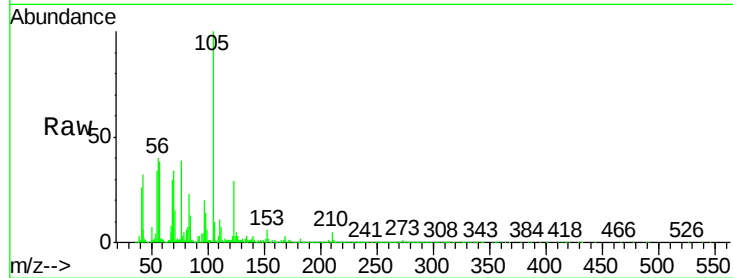
Tgt Ion:149 Resp: 5735

Ion Ratio Lower Upper

149 100

91 386.2 68.1 102.1#

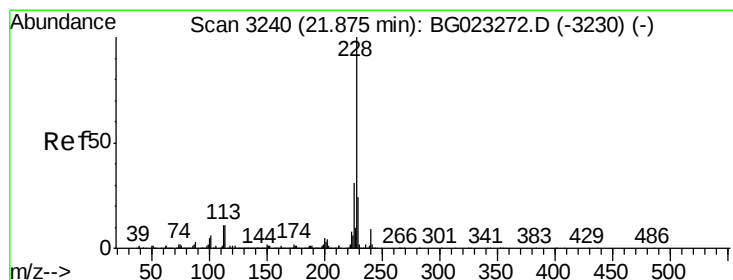
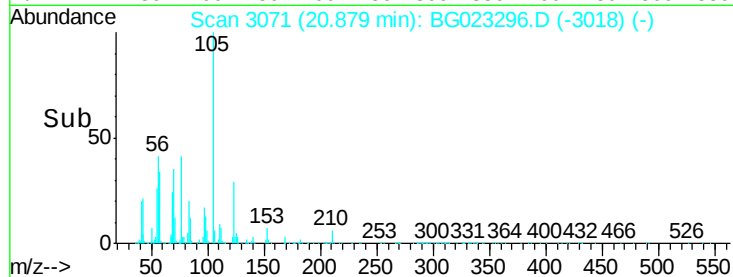
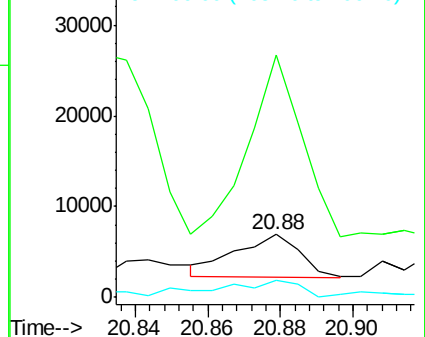
206 27.1 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.11 ng

RT: 21.91 min Scan# 3247

Delta R.T. 0.04 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

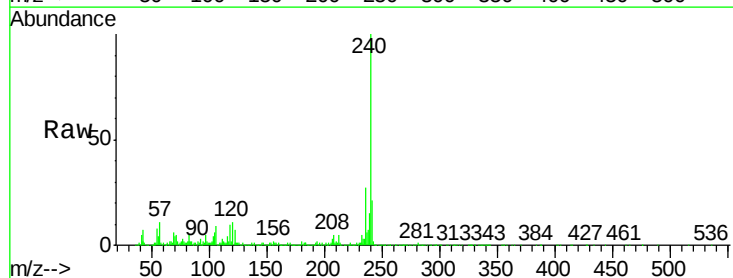
Tgt Ion:228 Resp: 6349

Ion Ratio Lower Upper

228 100

226 16.1 25.3 37.9#

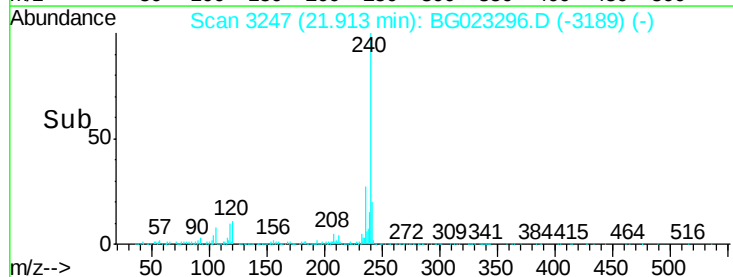
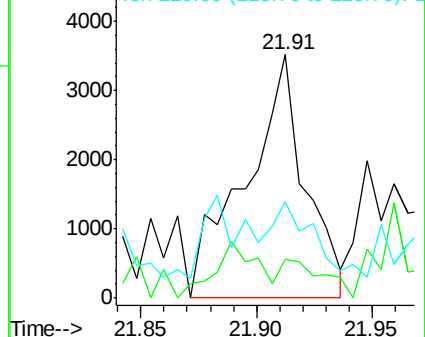
229 39.7 19.9 29.9#

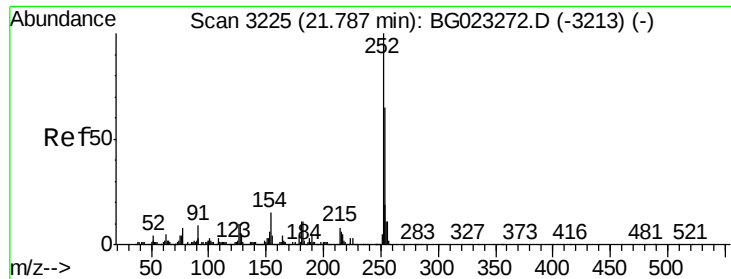


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

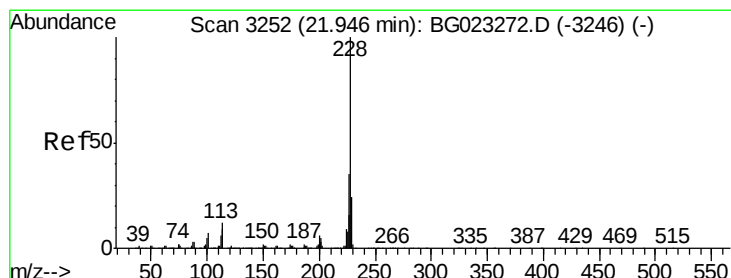
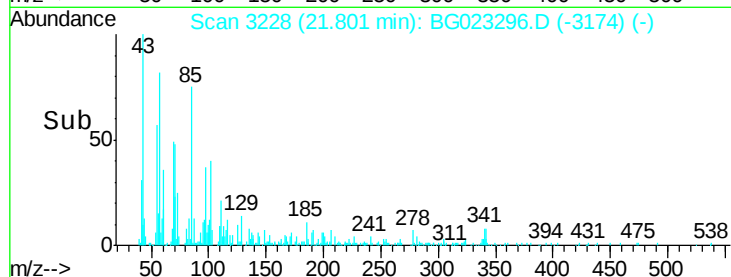
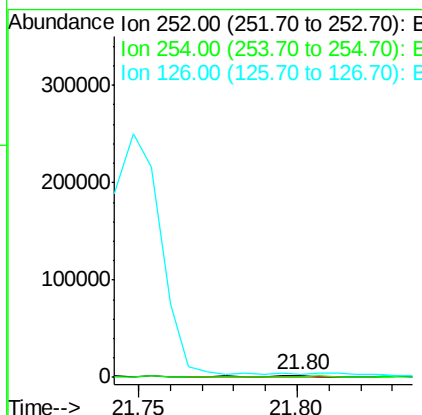
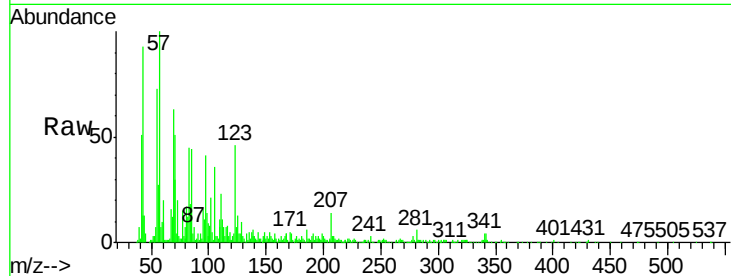




#81
 3,3'-Dichlorobenzidine
 Concen: 0.12 ng
 RT: 21.80 min Scan# 3228
 Delta R.T. 0.02 min
 Lab File: BG023296.D
 Acq: 27 Jul 2016 23:41

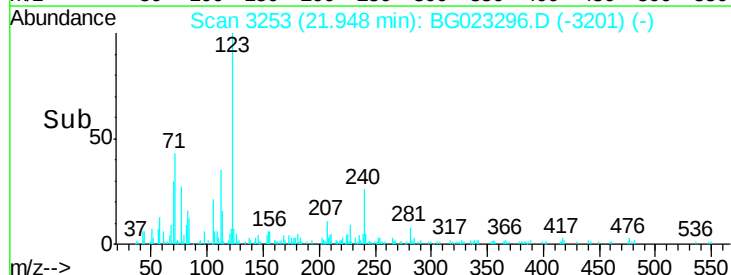
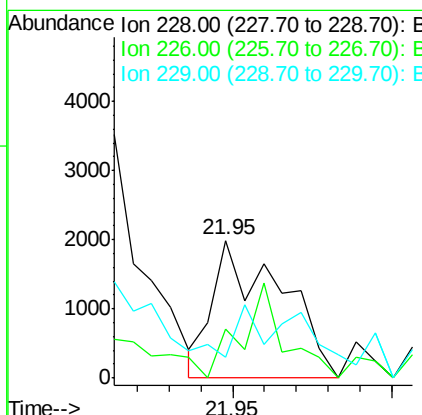
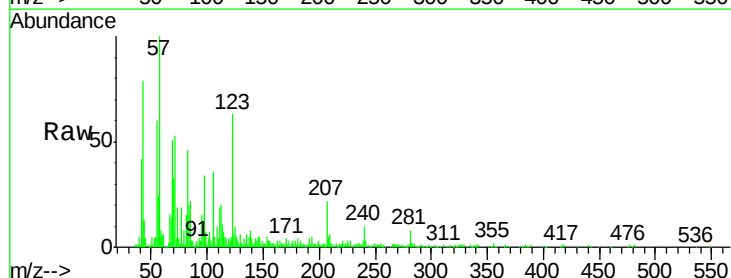
Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

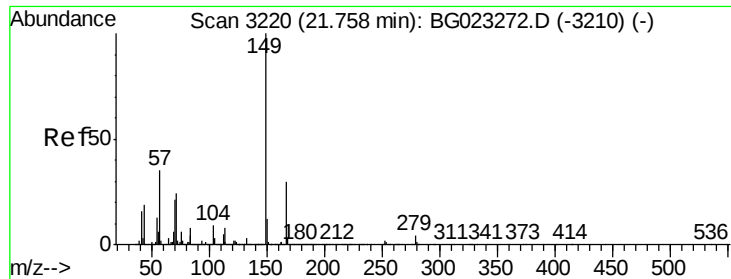
Tgt Ion: 252 Resp: 2737
 Ion Ratio Lower Upper
 252 100
 254 54.0 51.2 76.8
 126 202.3 5.3 7.9#



#82
 Chrysene
 Concen: 0.05 ng
 RT: 21.95 min Scan# 3253
 Delta R.T. 0.01 min
 Lab File: BG023296.D
 Acq: 27 Jul 2016 23:41

Tgt Ion: 228 Resp: 2994
 Ion Ratio Lower Upper
 228 100
 226 35.9 26.7 40.1
 229 15.4 17.4 26.2#

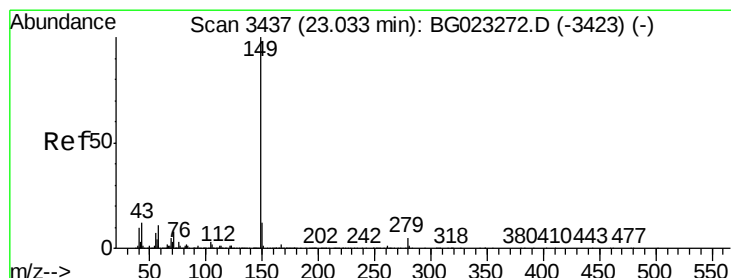
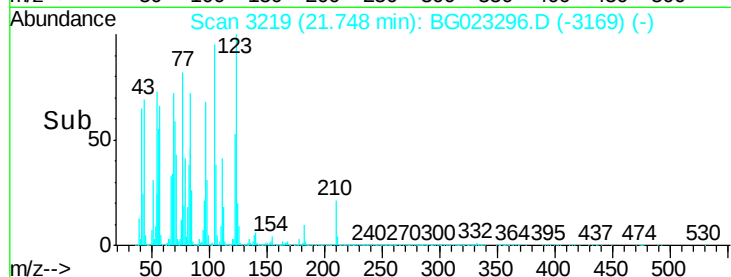
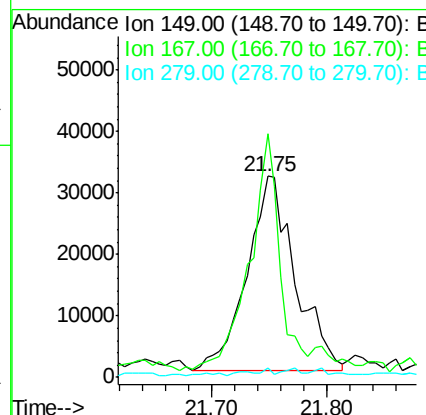
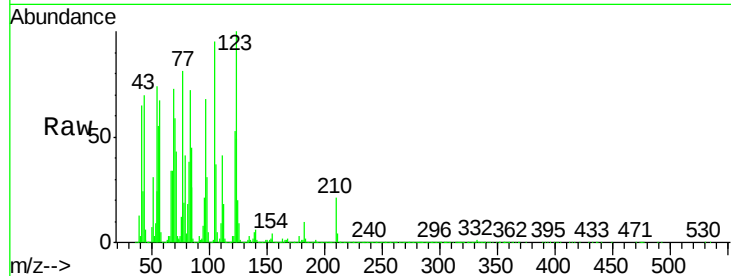




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.42 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. -0.01 min
 Lab File: BG023296.D
 Acq: 27 Jul 2016 23:41

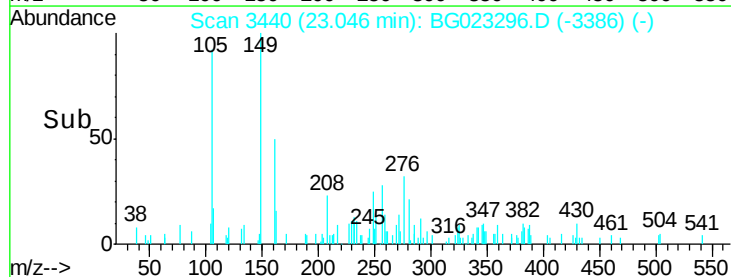
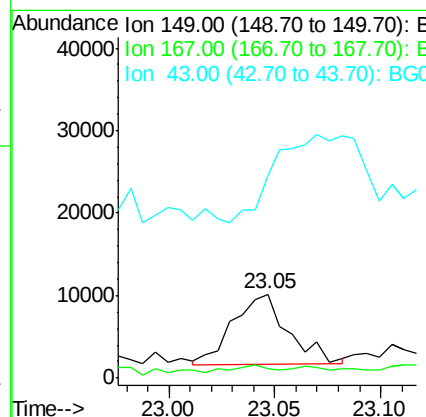
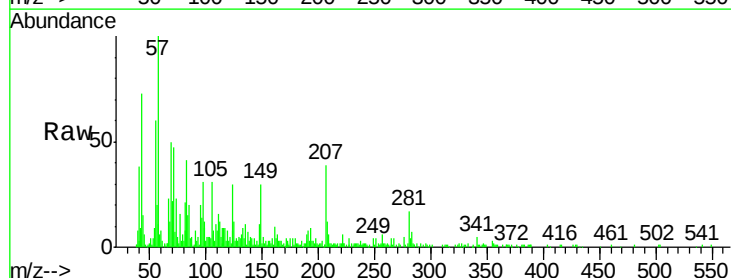
Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

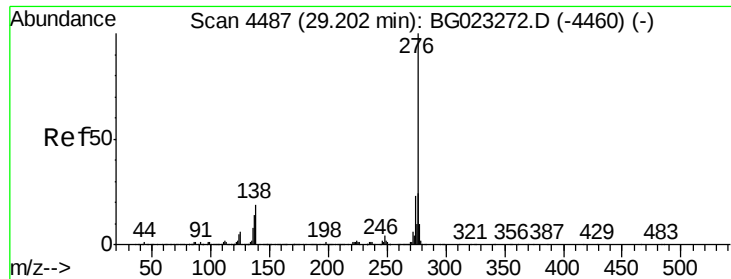
Tgt Ion:149 Resp: 92070
 Ion Ratio Lower Upper
 149 100
 167 121.3 24.0 36.0#
 279 4.4 4.8 7.2#



#84
 Di-n-octyl phthalate
 Concen: 0.25 ng
 RT: 23.05 min Scan# 3440
 Delta R.T. 0.02 min
 Lab File: BG023296.D
 Acq: 27 Jul 2016 23:41

Tgt Ion:149 Resp: 15554
 Ion Ratio Lower Upper
 149 100
 167 6.5 1.5 2.3#
 43 0.0 8.8 13.2#





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng

RT: 29.23 min Scan# 4493

Delta R.T. 0.04 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

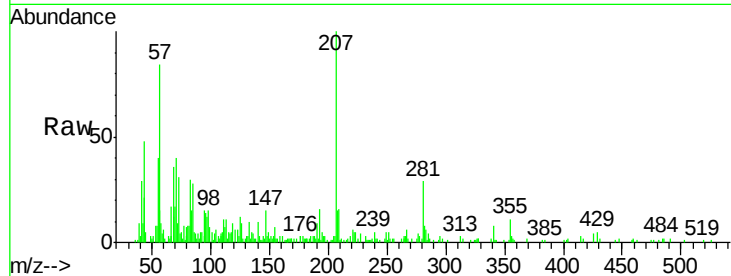
Tgt Ion:276 Resp: 517

Ion Ratio Lower Upper

276 100

138 169.8 0.0 0.0#

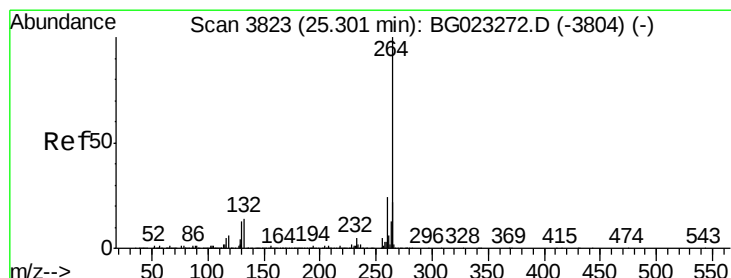
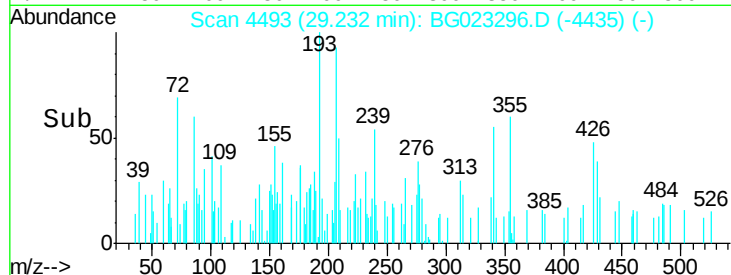
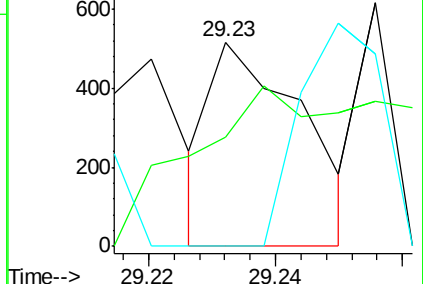
277 98.3 0.0 0.0#



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: 25.30 min Scan# 3824

Delta R.T. -0.00 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

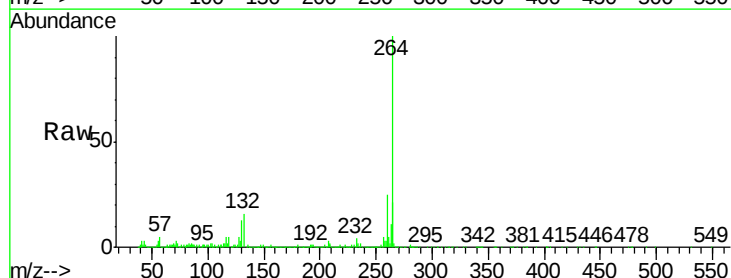
Tgt Ion:264 Resp: 1158072

Ion Ratio Lower Upper

264 100

260 24.5 18.4 27.6

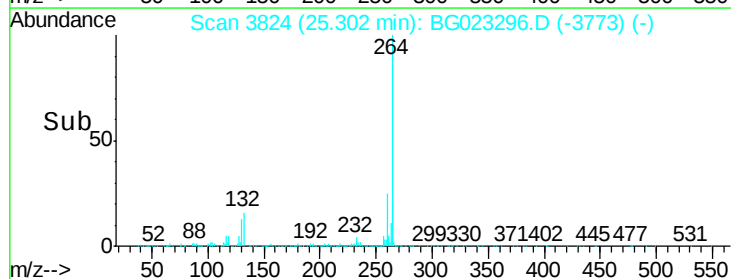
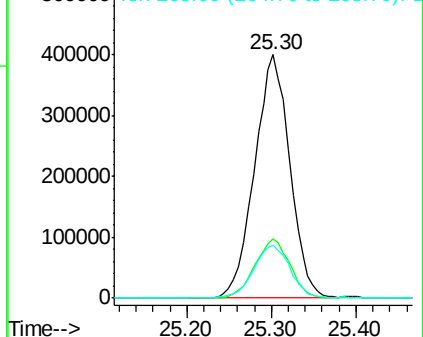
265 21.5 18.9 28.3

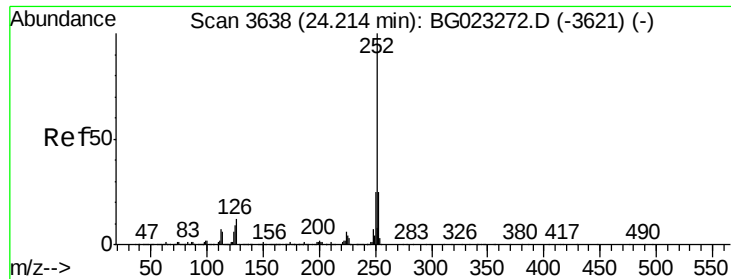


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 24.19 min Scan# 3635

Delta R.T. -0.02 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

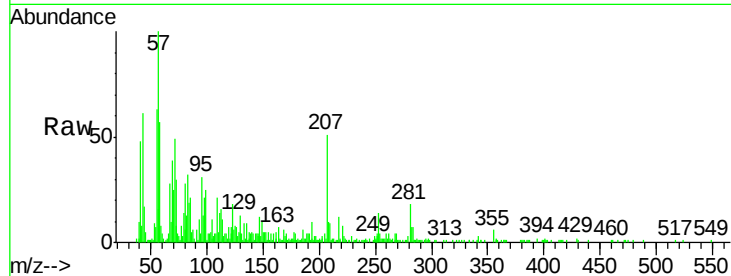
Tgt Ion:252 Resp: 465

Ion Ratio Lower Upper

252 100

253 331.3 18.9 28.3#

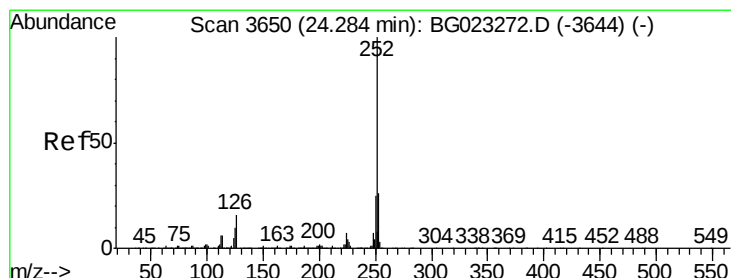
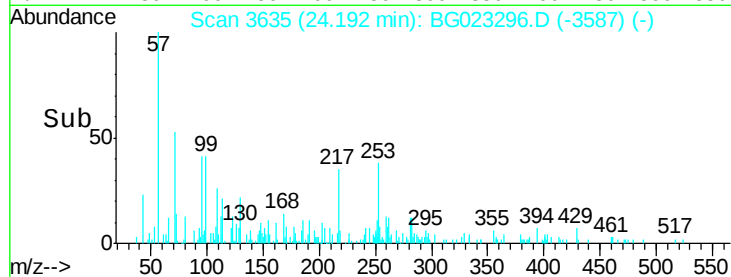
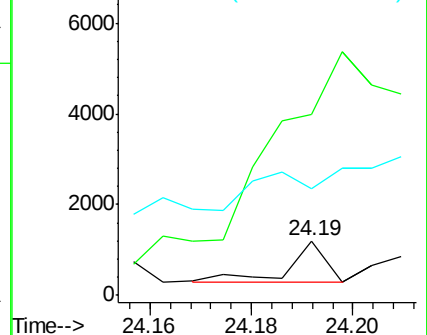
125 195.8 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.01 ng

RT: 24.29 min Scan# 3652

Delta R.T. 0.01 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

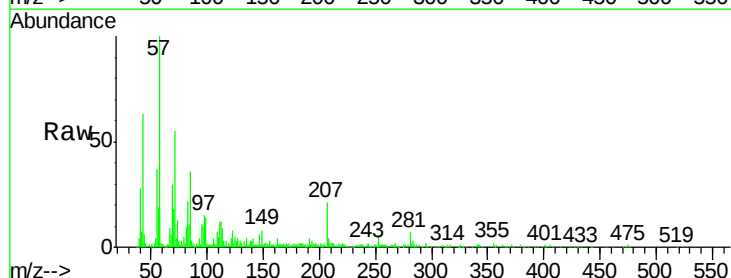
Tgt Ion:252 Resp: 565

Ion Ratio Lower Upper

252 100

253 345.1 18.8 28.2#

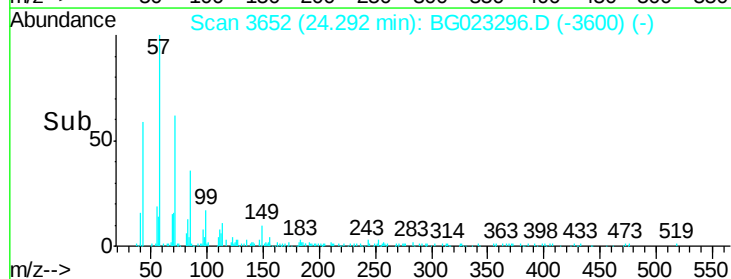
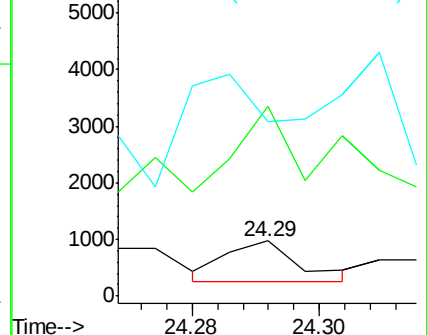
125 317.1 3.2 4.8#

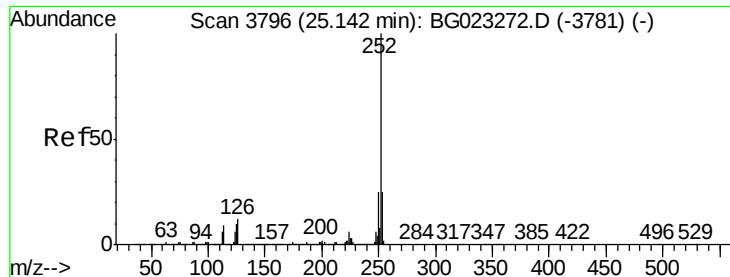


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.03 ng

RT: 25.13 min Scan# 3794

Delta R.T. -0.01 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

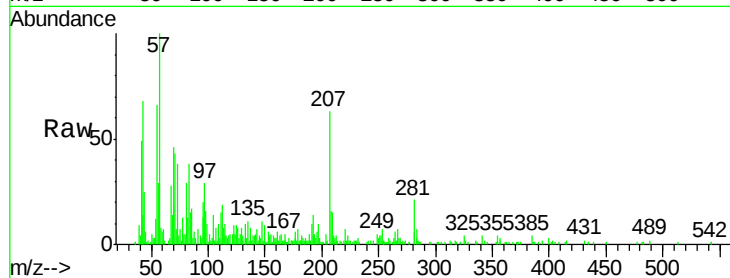
Tgt Ion:252 Resp: 1647

Ion Ratio Lower Upper

252 100

253 180.6 18.7 28.1#

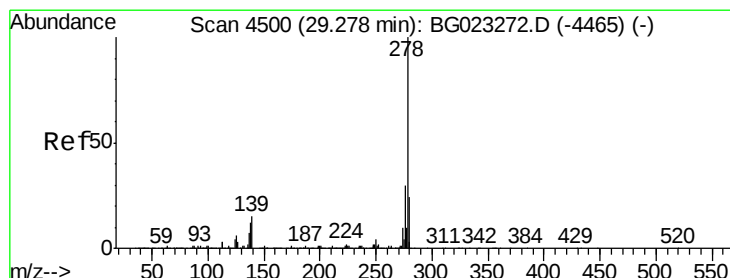
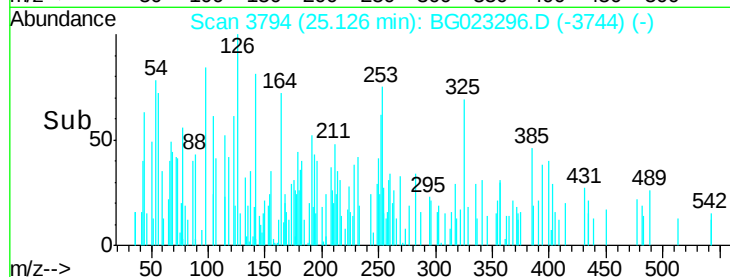
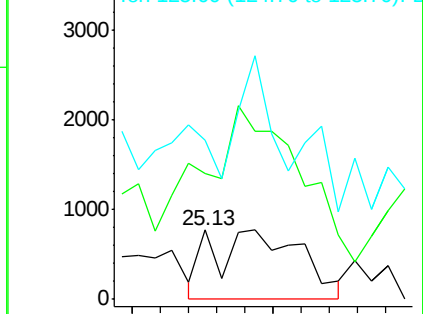
125 229.7 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.02 ng

RT: 29.24 min Scan# 4495

Delta R.T. -0.01 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

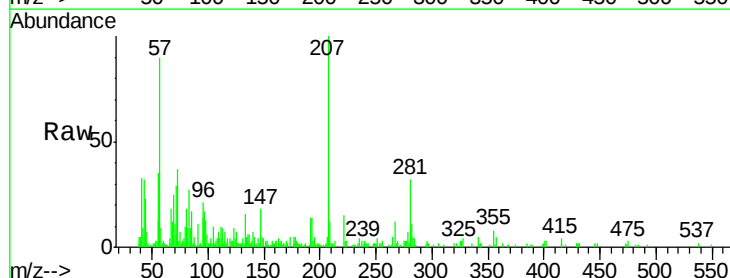
Tgt Ion:278 Resp: 906

Ion Ratio Lower Upper

278 100

139 44.6 4.7 7.1#

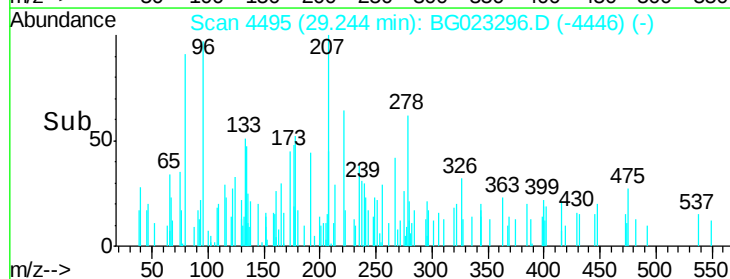
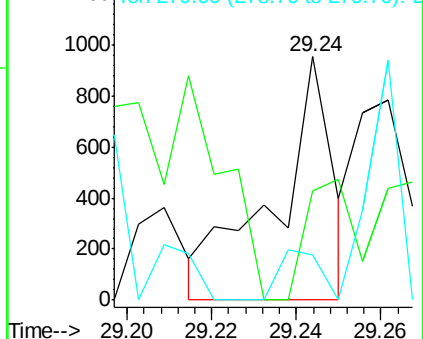
279 18.4 18.3 27.5

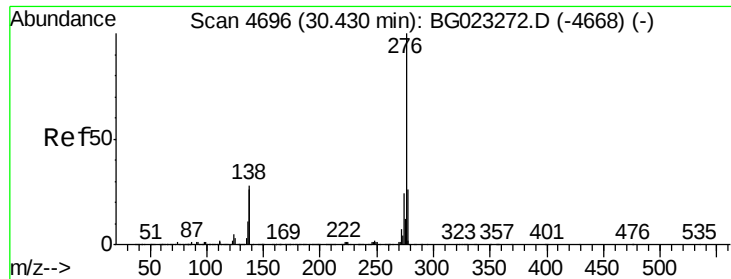


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 30.42 min Scan# 4696

Delta R.T. 0.00 min

Lab File: BG023296.D

Acq: 27 Jul 2016 23:41

Instrument :

BNA_G

ClientSampleId :

EFF-WW

Tgt Ion: 276 Resp: 592

Ion Ratio Lower Upper

276 100

277 35.9 18.6 27.8#

138 30.5 6.8 10.2#

