

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
 Data File : BF081682.D
 Acq On : 17 Sep 2015 17:02
 Operator : UM/IZ
 Sample : G3669-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATER

Quant Time: Sep 18 00:52:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

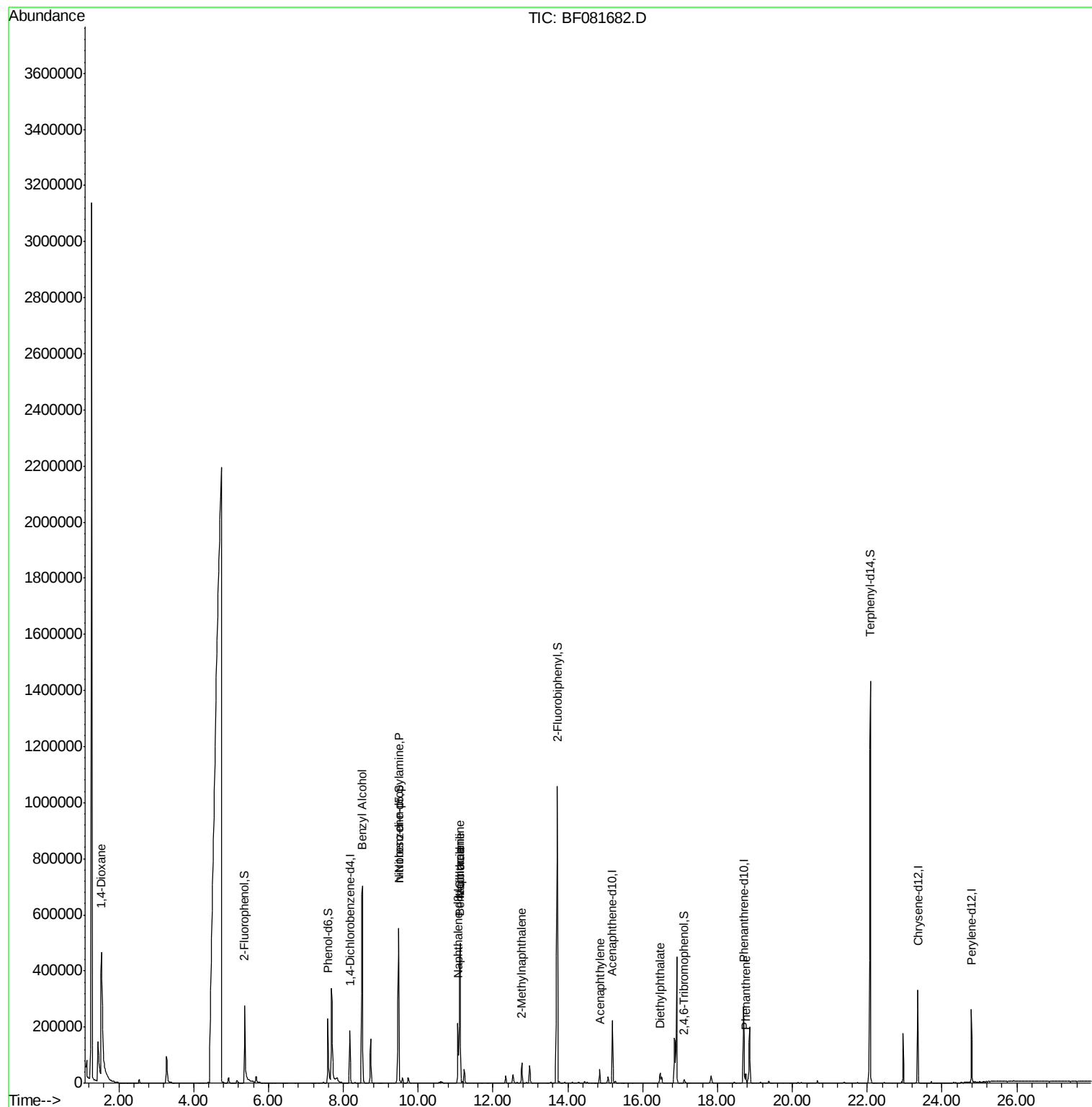
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	46231	20.00	ng	-0.04
21) Naphthalene-d8	11.07	136	187578	20.00	ng	-0.06
38) Acenaphthene-d10	15.19	164	90025	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	192068	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	171304	20.00	ng	-0.03
86) Perylene-d12	24.78	264	118086	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	150455	50.49	ng	0.01
7) Phenol-d6	7.59	99	166830	42.30	ng	-0.06
23) Nitrobenzene-d5	9.48	82	351794	90.48	ng	-0.06
41) 2,4,6-Tribromophenol	17.11	330	4043	5.04	ng	-0.06
44) 2-Fluorobiphenyl	13.72	172	656592	93.46	ng	-0.06
78) Terphenyl-d14	22.08	244	702296	95.43	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.53	88	28006	20.93	ng	# 11
15) Benzyl Alcohol	8.49	79	6505	2.01	ng	# 34
19) n-Nitroso-di-n-propylamine	9.48	70	48177	17.95	ng	# 66
31) Naphthalene	11.12	128	422801	42.26	ng	99
32) Benzoic acid	11.11	122	736	2.86	ng	# 1
33) 4-Chloroaniline	11.12	127	55294	13.55	ng	# 34
37) 2-Methylnaphthalene	12.77	142	35324	5.43	ng	# 88
48) Acenaphthylene	14.85	152	42294	3.99	ng	96
59) Diethylphthalate	16.47	149	25843	3.51	ng	# 93
70) Phenanthrene	18.76	178	28968	2.71	ng	99

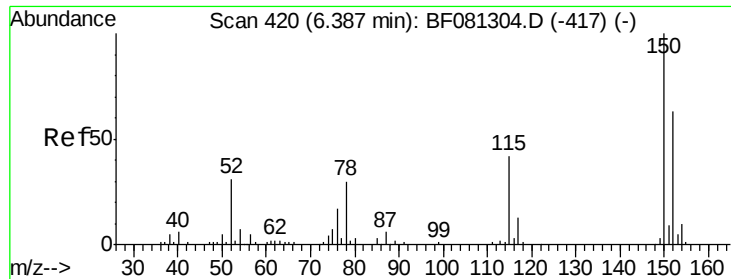
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.17 min Scan# 620

Delta R.T. -0.04 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATER

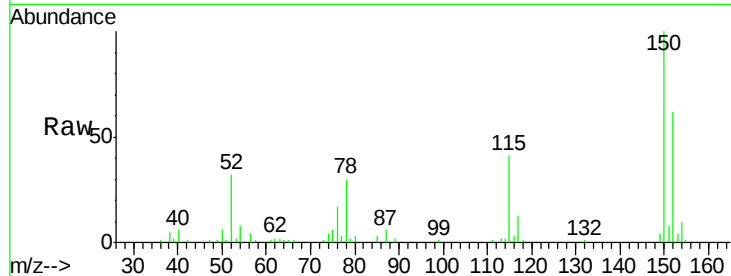
Tgt Ion:152 Resp: 46231

Ion Ratio Lower Upper

152 100

150 162.5 124.7 187.1

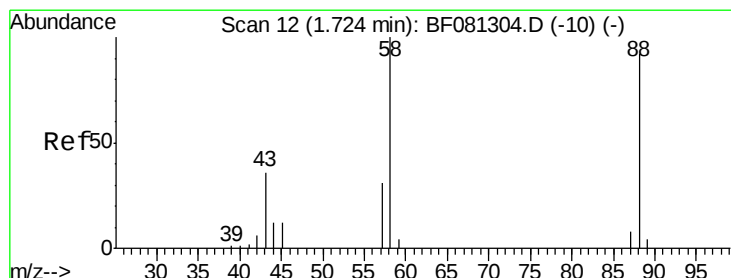
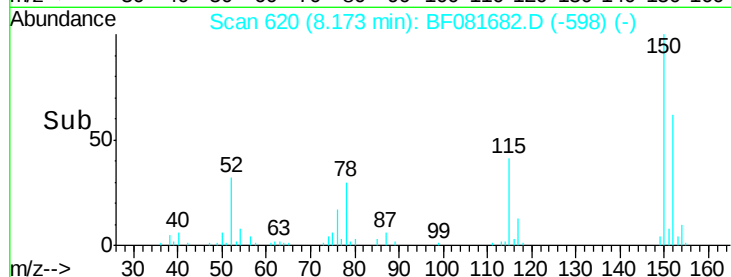
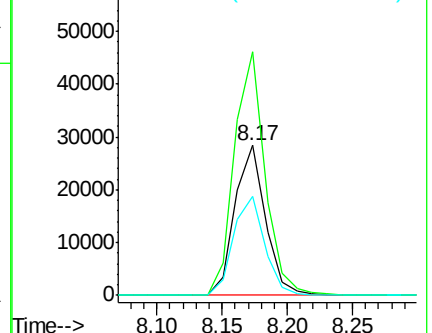
115 66.1 39.0 58.4#



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: 20.93 ng

RT: 1.53 min Scan# 39

Delta R.T. -0.03 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

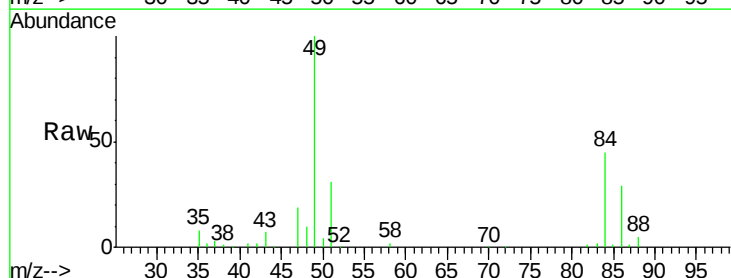
Tgt Ion: 88 Resp: 28006

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

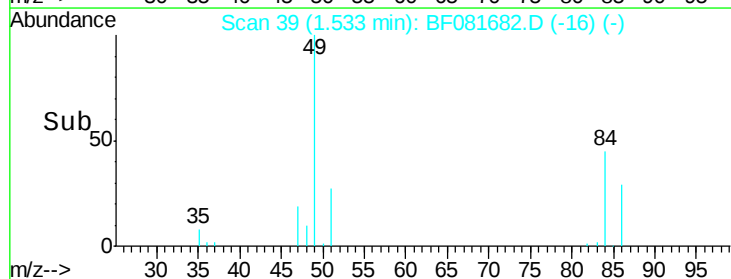
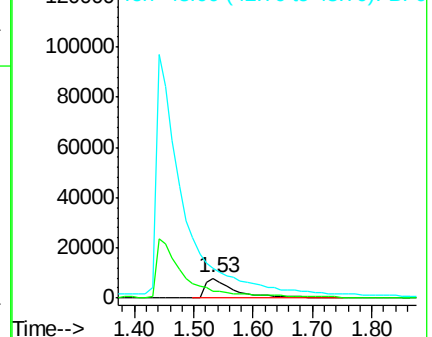
43 0.0 26.6 40.0#

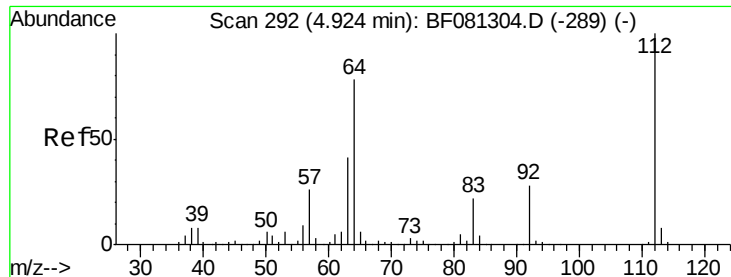


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 50.49 ng

RT: 5.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

Instrument :

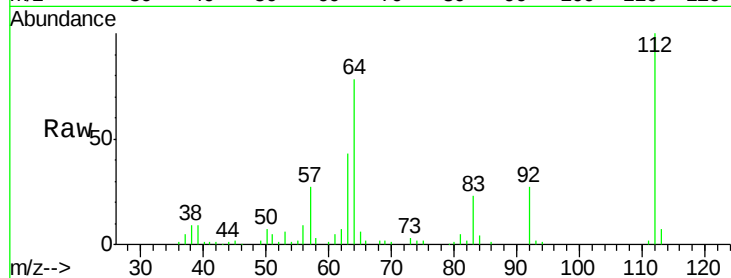
BNA_F

ClientSampleId :

WC-91415-WATER

Tgt Ion: 112 Resp: 150455

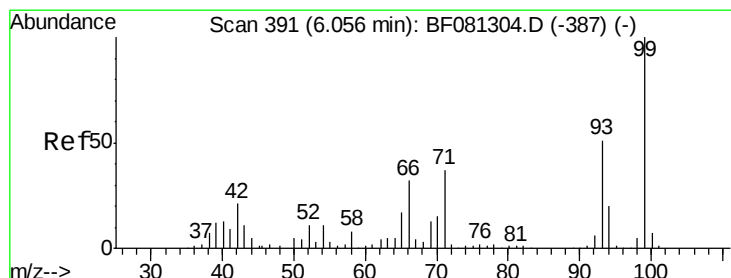
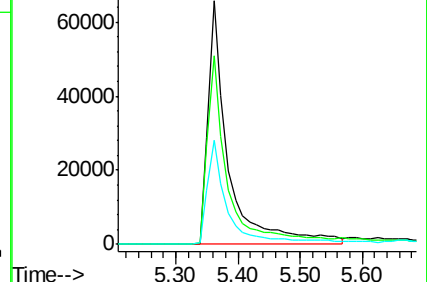
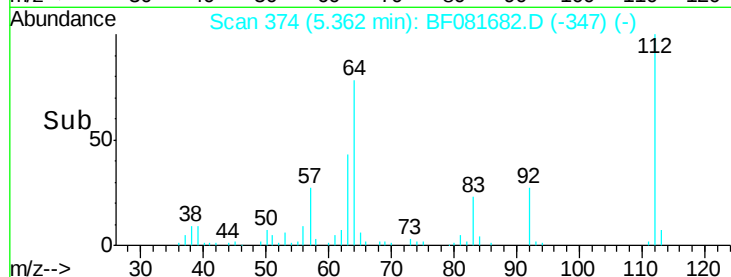
Ion	Ratio	Lower	Upper
112	100		
64	77.5	39.7	59.5#
63	42.6	17.4	26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 42.30 ng

RT: 7.59 min Scan# 569

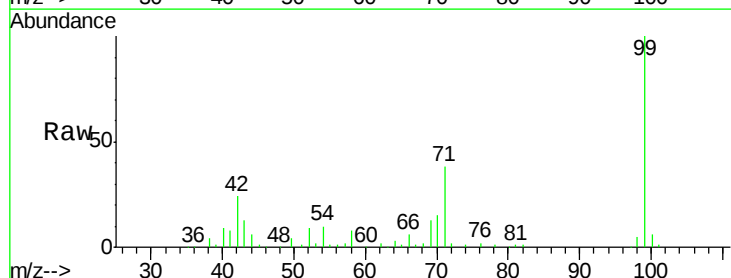
Delta R.T. -0.06 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

Tgt Ion: 99 Resp: 166830

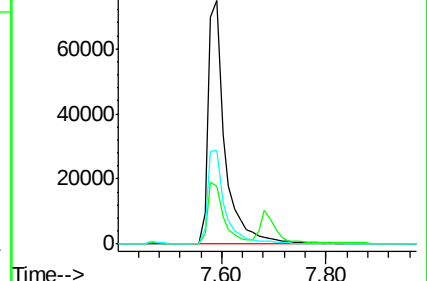
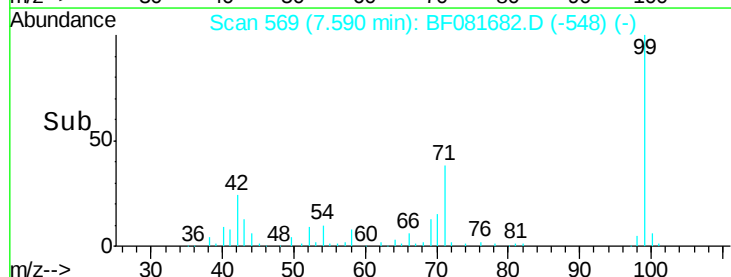
Ion	Ratio	Lower	Upper
99	100		
42	23.8	13.7	20.5#
71	38.4	14.2	21.2#

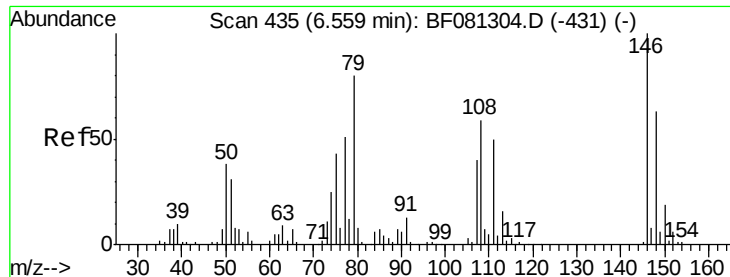


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 8.49 min Scan# 648

Delta R.T. -0.17 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATER

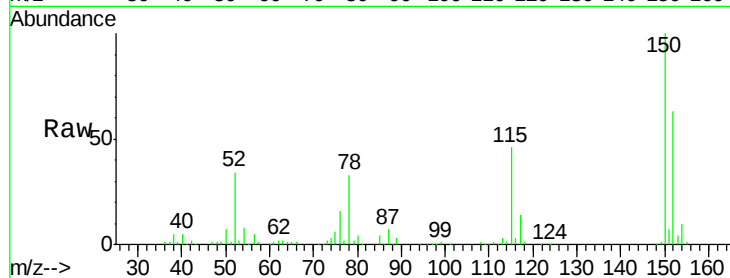
Tgt Ion: 79 Resp: 6505

Ion Ratio Lower Upper

79 100

108 28.3 88.6 132.8#

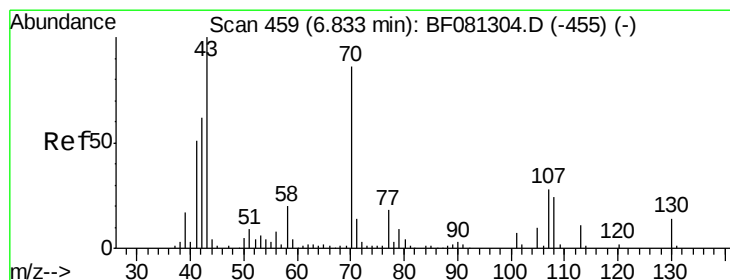
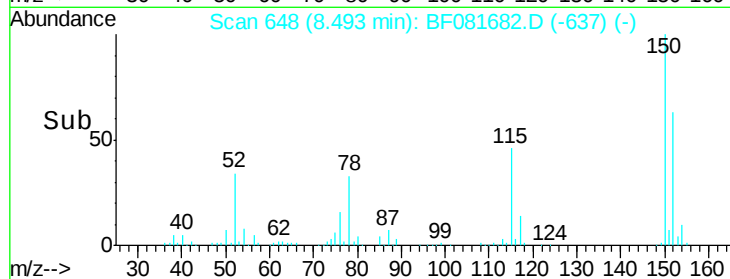
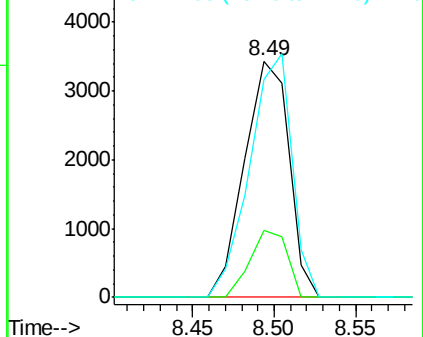
77 92.4 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 17.95 ng

RT: 9.48 min Scan# 734

Delta R.T. 0.18 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

Tgt Ion: 70 Resp: 48177

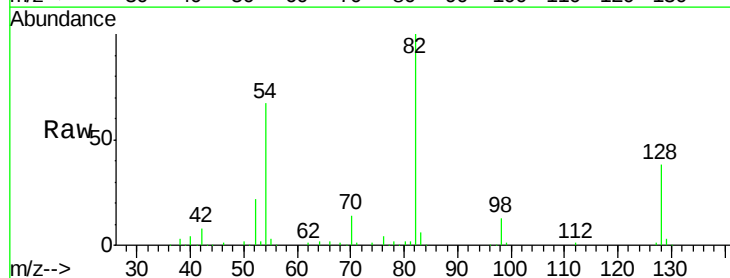
Ion Ratio Lower Upper

70 100

42 58.3 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

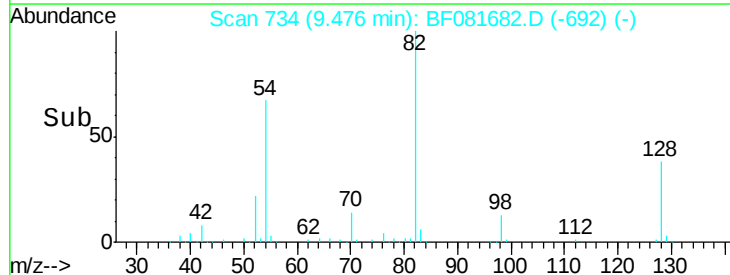
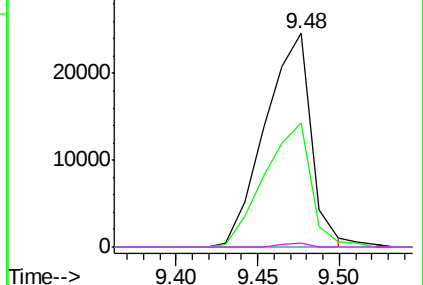


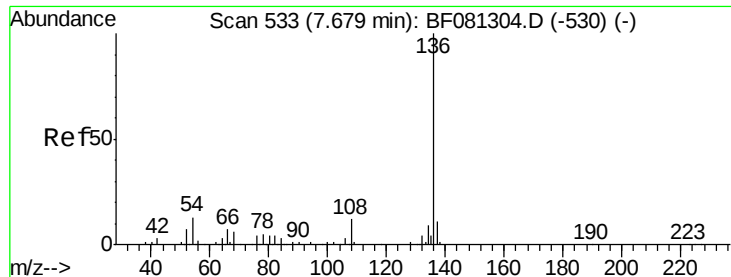
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.07 min Scan# 873

Delta R.T. -0.06 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

Instrument :

BNA_F

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WC-91415-WATER

Tgt Ion: 136 Resp: 187578

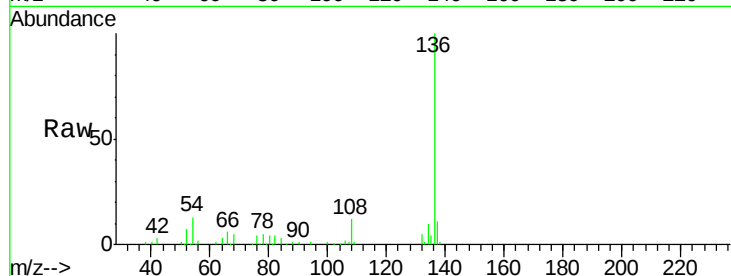
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 12.6 8.2 12.2#

68 4.9 5.8 8.6#

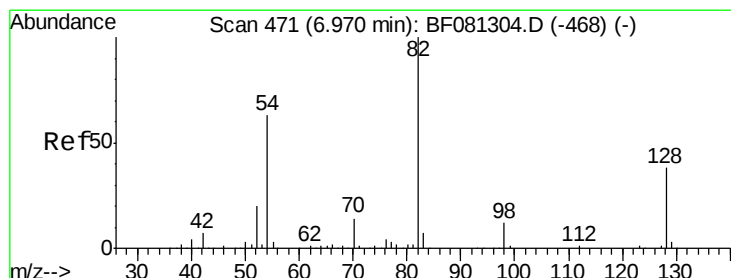
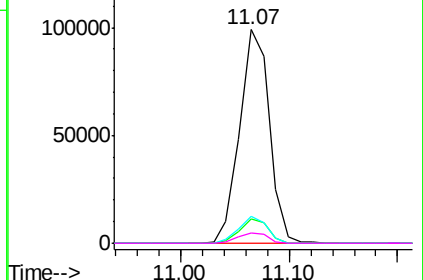
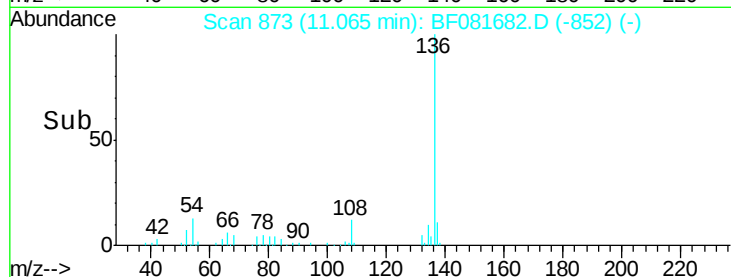


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 90.48 ng

RT: 9.48 min Scan# 734

Delta R.T. -0.06 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

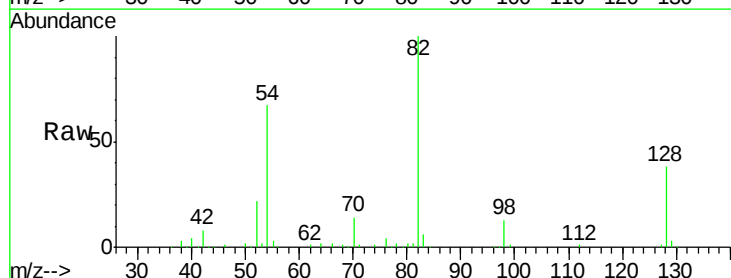
Tgt Ion: 82 Resp: 351794

Ion Ratio Lower Upper

82 100

128 38.3 51.0 76.6#

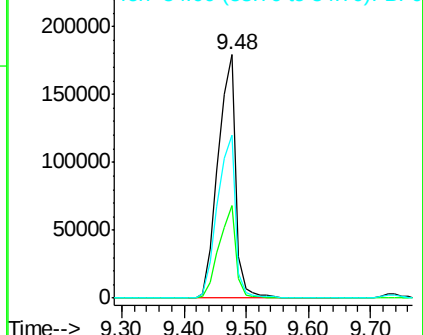
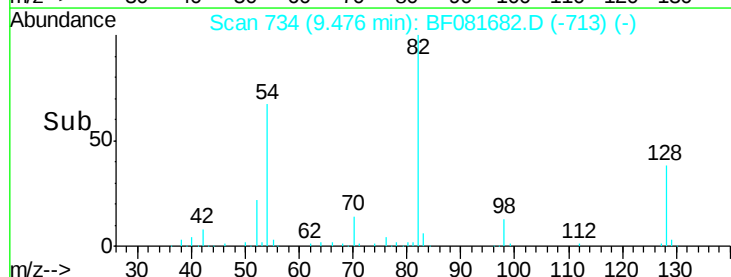
54 67.1 47.5 71.3

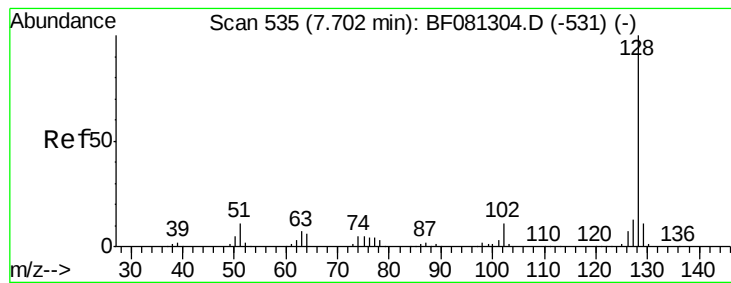


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 42.26 ng

RT: 11.12 min Scan# 878

Delta R.T. -0.04 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

Instrument :

BNA_F

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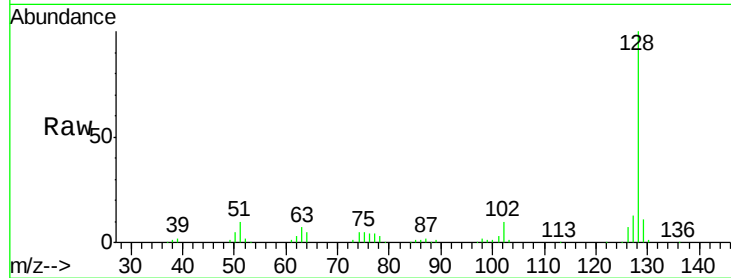
Tgt Ion:128 Resp: 422801

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

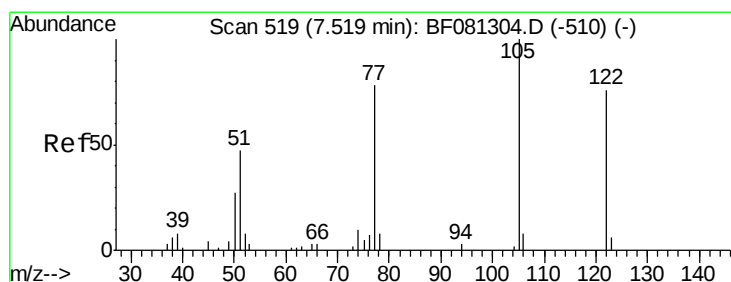
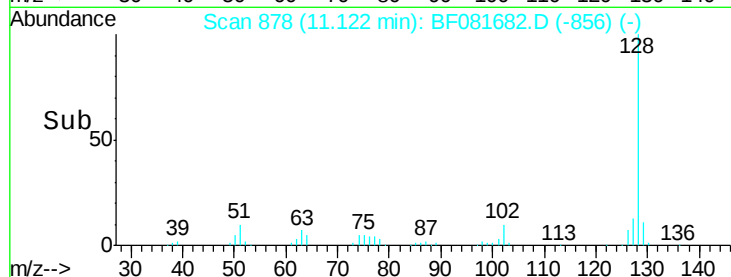
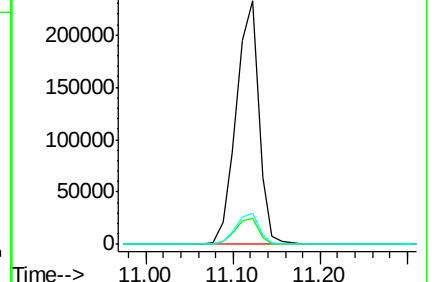
127 12.9 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.86 ng

RT: 11.11 min Scan# 877

Delta R.T. 0.02 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

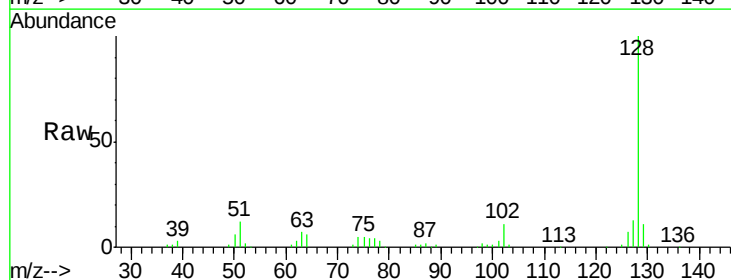
Tgt Ion:122 Resp: 736

Ion Ratio Lower Upper

122 100

105 0.0 76.1 116.1#

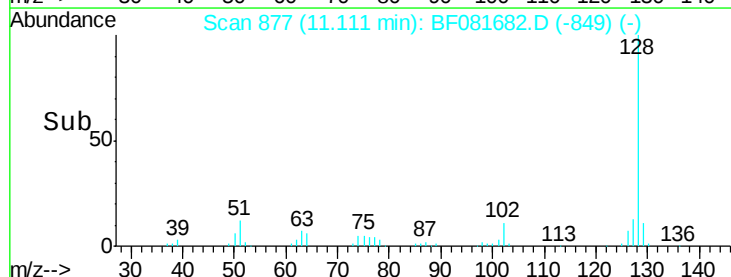
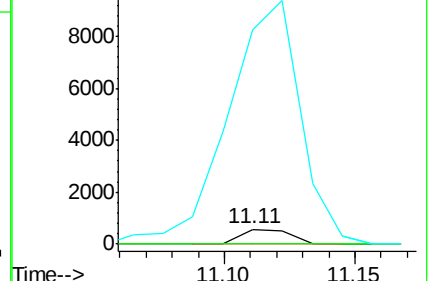
77 1456.1 40.5 80.5#

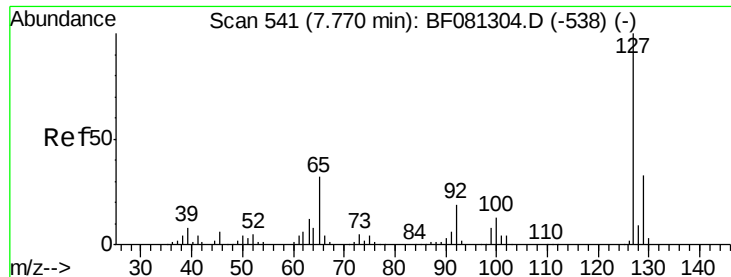


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

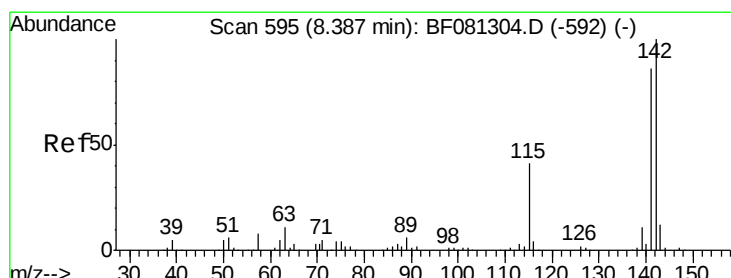
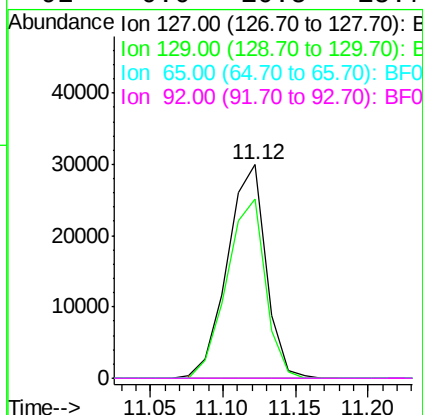
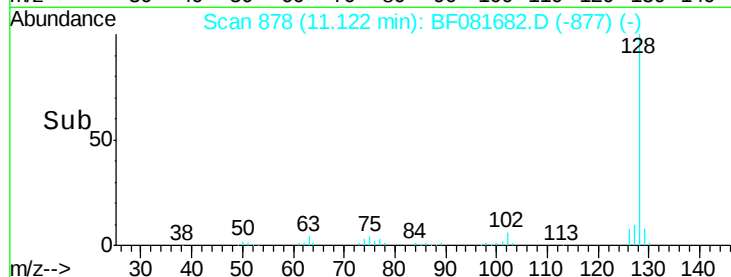
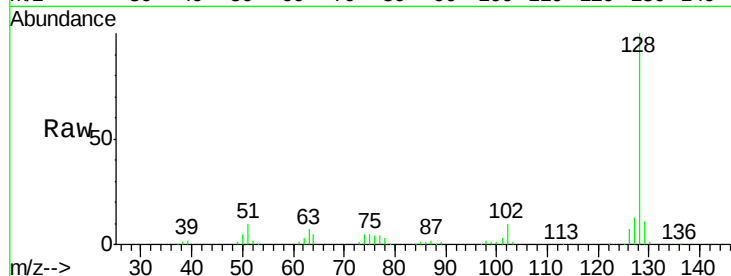




#33
4-Chloroaniline
Concen: 13.55 ng
RT: 11.12 min Scan# 878
Delta R.T. -0.28 min
Lab File: BF081682.D
Acq: 17 Sep 2015 17:02

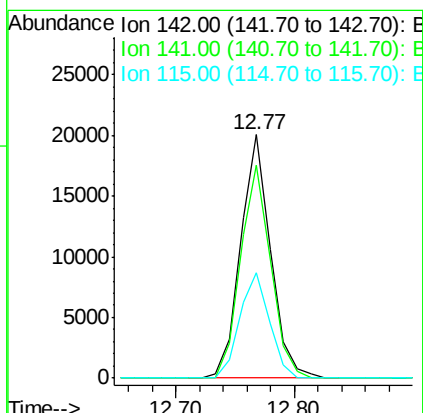
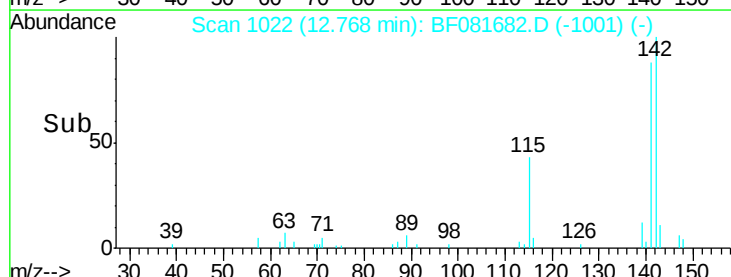
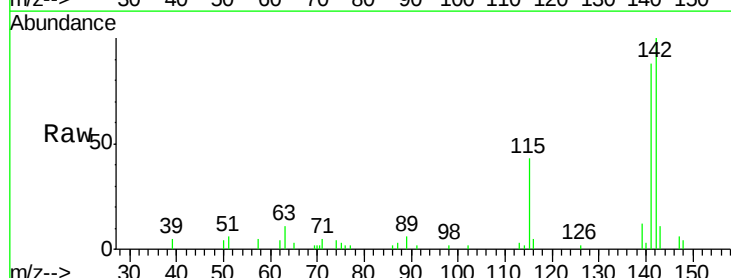
Instrument :
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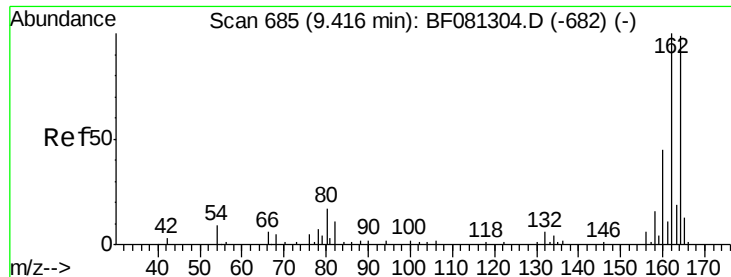
Tgt Ion:127 Resp: 55294
Ion Ratio Lower Upper
127 100
129 83.8 25.8 38.6#
65 0.0 17.9 26.9#
92 0.0 10.5 15.7#



#37
2-Methylnaphthalene
Concen: 5.43 ng
RT: 12.77 min Scan# 1022
Delta R.T. -0.06 min
Lab File: BF081682.D
Acq: 17 Sep 2015 17:02

Tgt Ion:142 Resp: 35324
Ion Ratio Lower Upper
142 100
141 87.6 67.5 101.3
115 43.2 18.2 27.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.19 min Scan# 1234

Delta R.T. -0.07 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATER

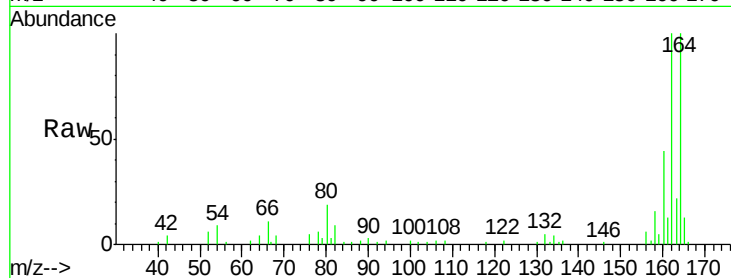
Tgt Ion:164 Resp: 90025

Ion Ratio Lower Upper

164 100

162 100.4 75.2 112.8

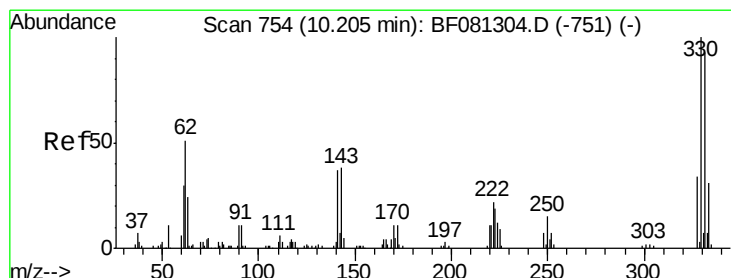
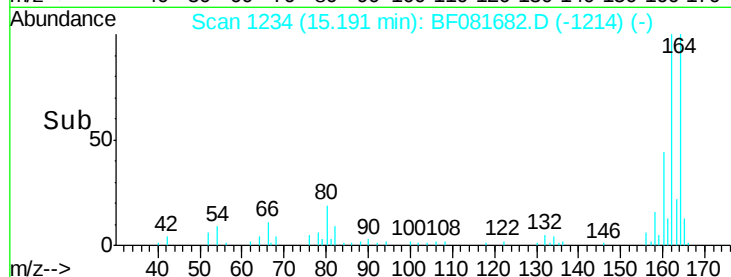
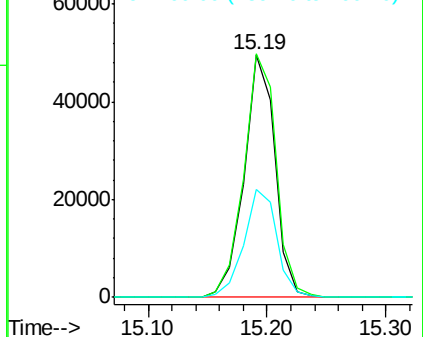
160 44.4 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 5.04 ng

RT: 17.11 min Scan# 1402

Delta R.T. -0.06 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

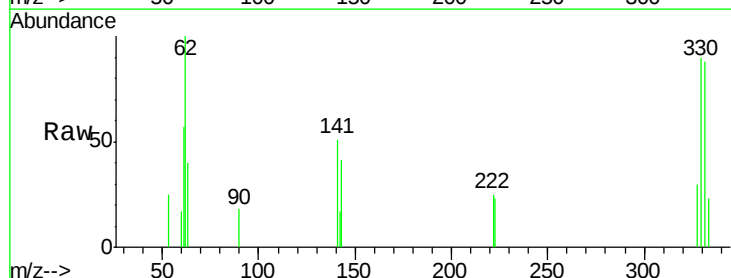
Tgt Ion:330 Resp: 4043

Ion Ratio Lower Upper

330 100

332 95.1 76.6 114.8

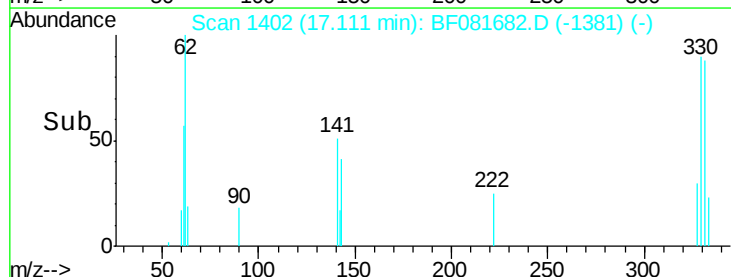
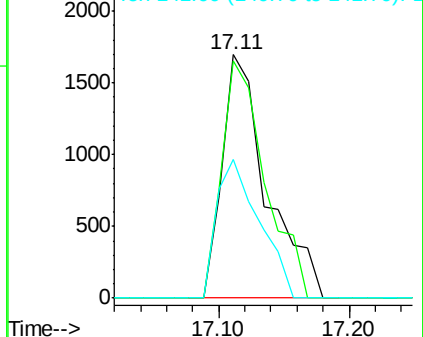
141 54.3 29.7 44.5#

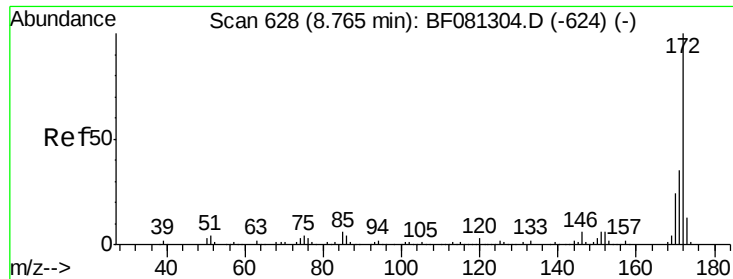


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

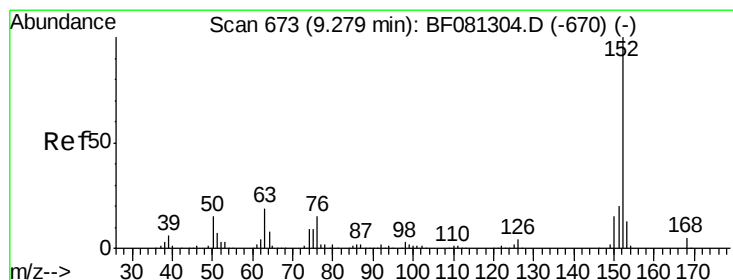
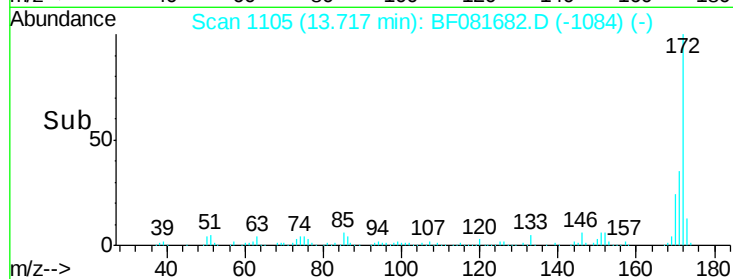
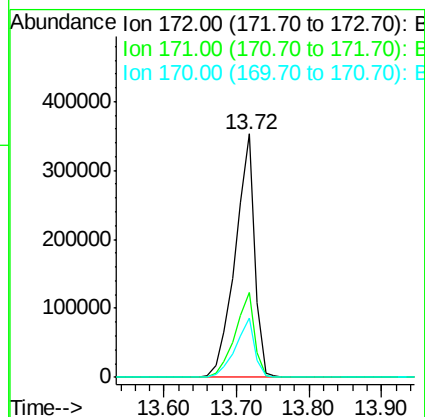
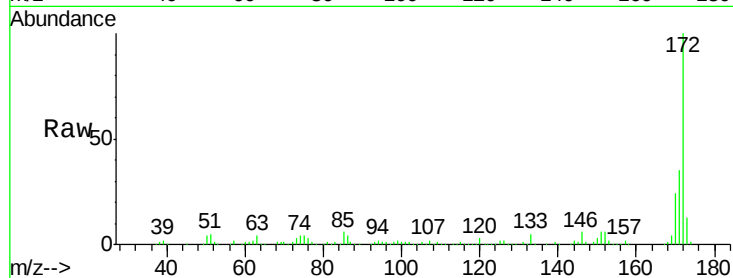




#44
 2-Fluorobiphenyl
 Concen: 93.46 ng
 RT: 13.72 min Scan# 1105
 Delta R.T. -0.06 min
 Lab File: BF081682.D
 Acq: 17 Sep 2015 17:02

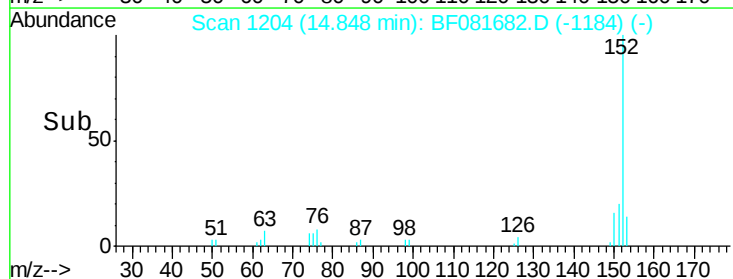
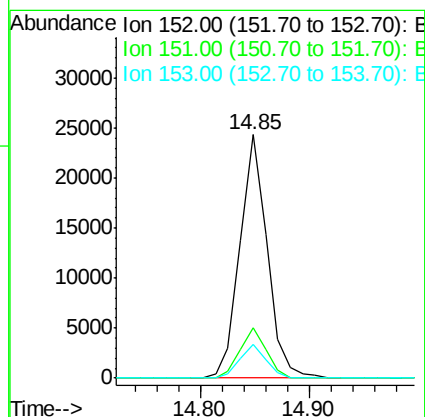
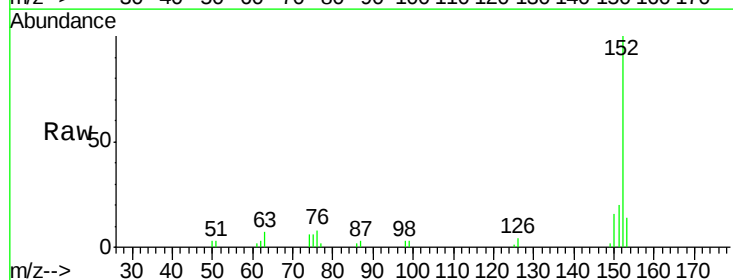
Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATER

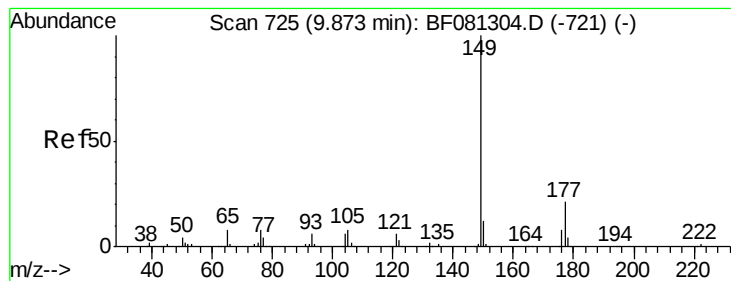
Tgt Ion:172 Resp: 656592
 Ion Ratio Lower Upper
 172 100
 171 34.9 26.1 39.1
 170 24.3 17.4 26.2



#48
 Acenaphthylene
 Concen: 3.99 ng
 RT: 14.85 min Scan# 1204
 Delta R.T. -0.07 min
 Lab File: BF081682.D
 Acq: 17 Sep 2015 17:02

Tgt Ion:152 Resp: 42294
 Ion Ratio Lower Upper
 152 100
 151 20.5 14.6 22.0
 153 13.6 10.3 15.5





#59

Diethylphthalate

Concen: 3.51 ng

RT: 16.47 min Scan# 1346

Delta R.T. -0.08 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

Instrument :

BNA_F

ClientSampleId :

WC-91415-WATER

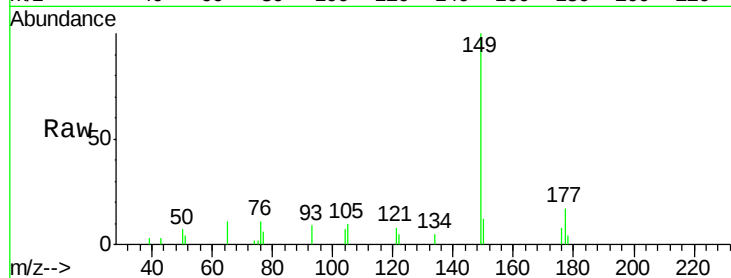
Tgt Ion:149 Resp: 25843

Ion Ratio Lower Upper

149 100

177 17.1 17.5 26.3#

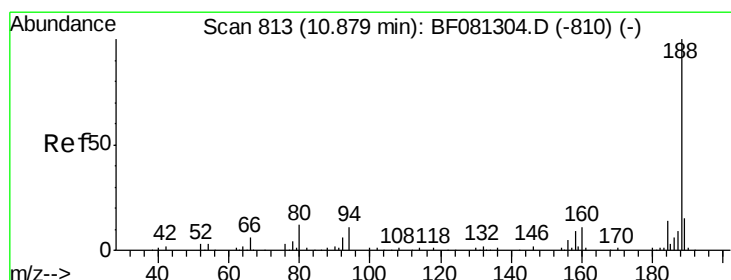
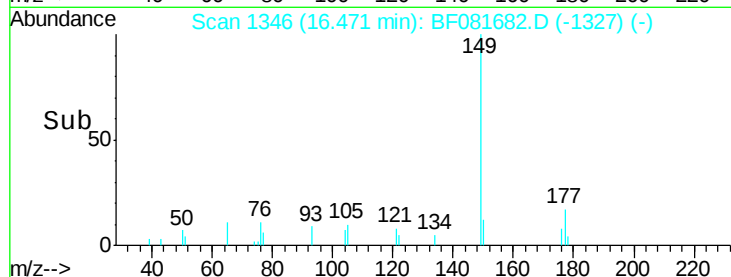
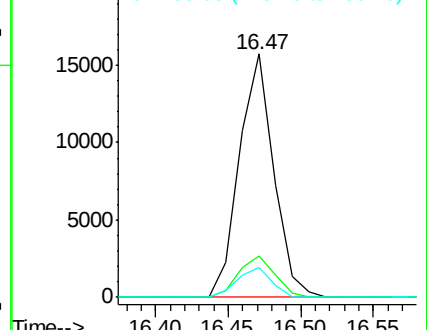
150 12.3 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.70 min Scan# 1541

Delta R.T. -0.06 min

Lab File: BF081682.D

Acq: 17 Sep 2015 17:02

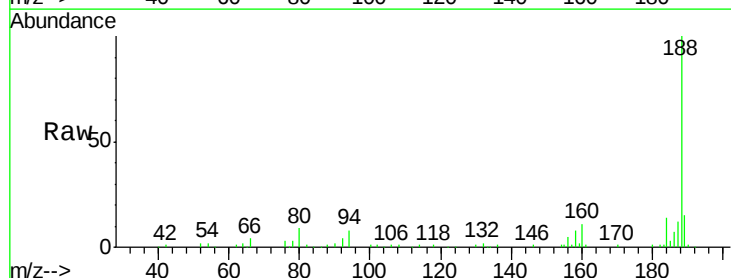
Tgt Ion:188 Resp: 192068

Ion Ratio Lower Upper

188 100

94 7.8 11.1 16.7#

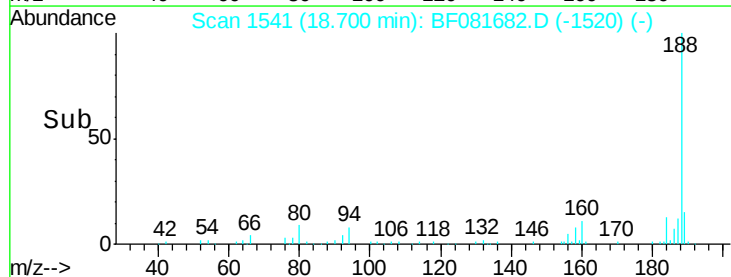
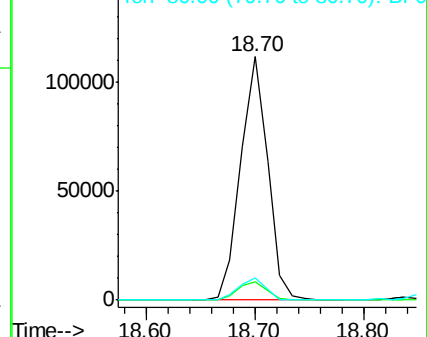
80 9.3 11.0 16.4#

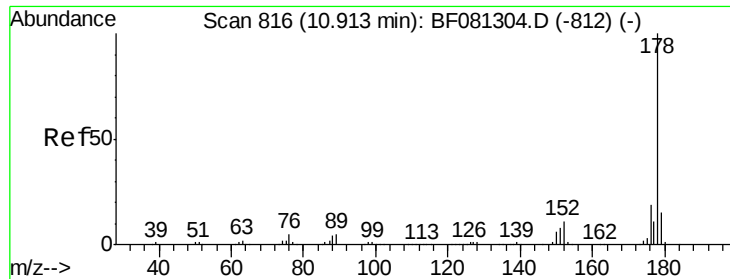


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

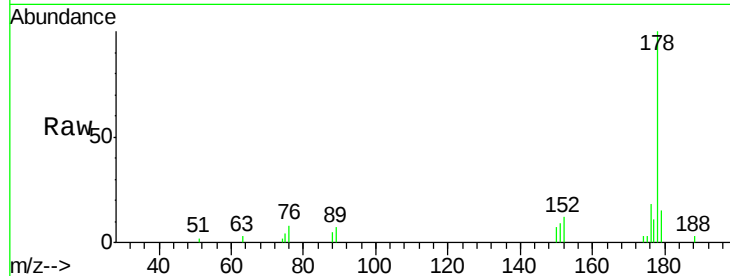




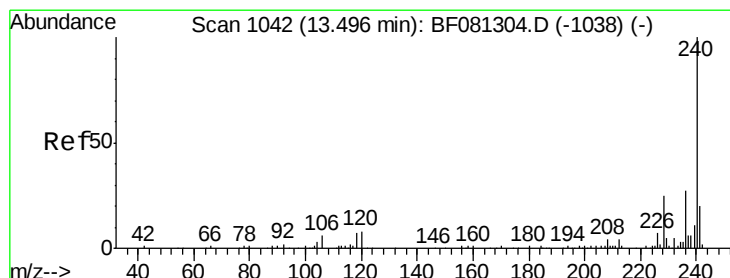
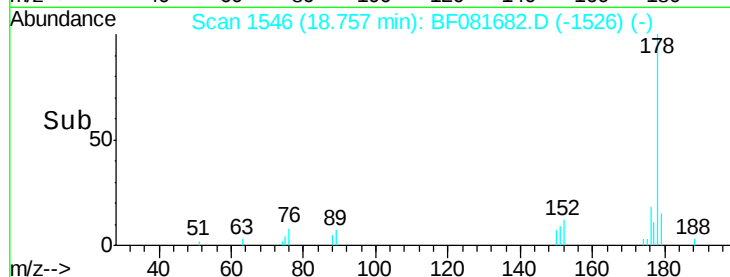
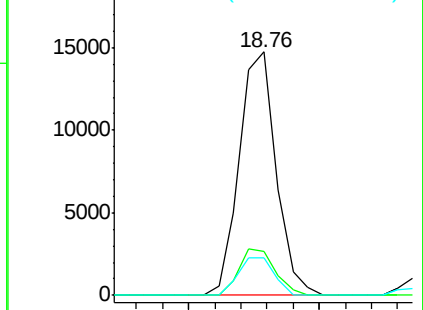
#70
Phenanthrene
Concen: 2.71 ng
RT: 18.76 min Scan# 1546
Delta R.T. -0.07 min
Lab File: BF081682.D
Acq: 17 Sep 2015 17:02

Instrument :
BNA_F
ClientSampleId :
WC-91415-WATER

Tgt Ion:178 Resp: 28968
Ion Ratio Lower Upper
178 100
176 18.3 13.8 20.8
179 15.2 12.2 18.2

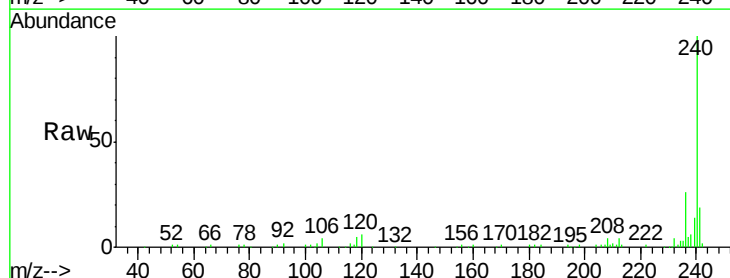


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

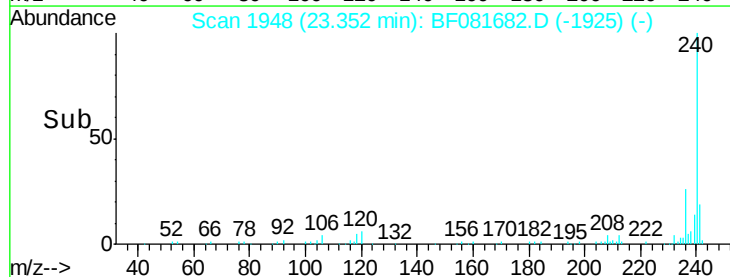
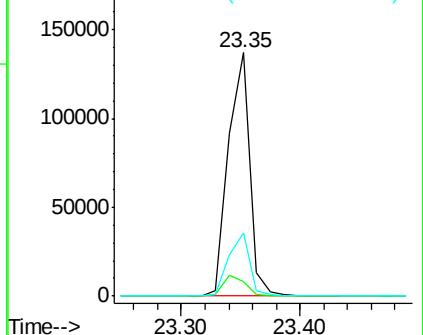


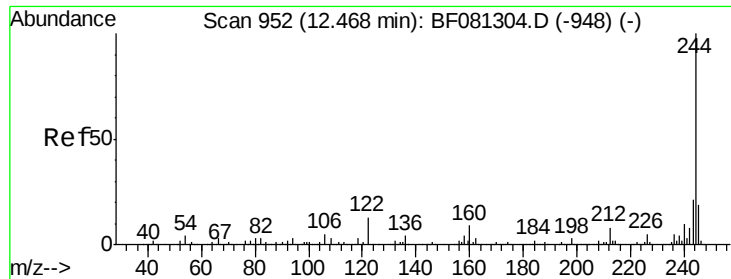
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BF081682.D
Acq: 17 Sep 2015 17:02

Tgt Ion:240 Resp: 171304
Ion Ratio Lower Upper
240 100
120 6.2 16.2 24.2#
236 26.0 18.4 27.6



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

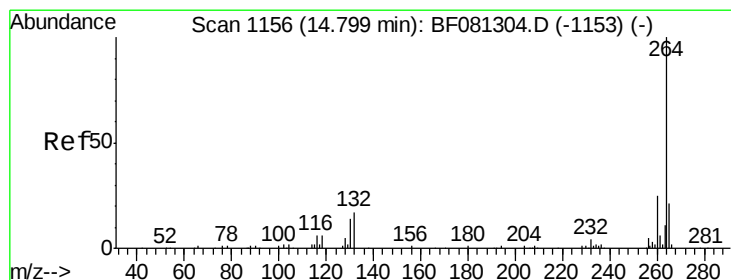
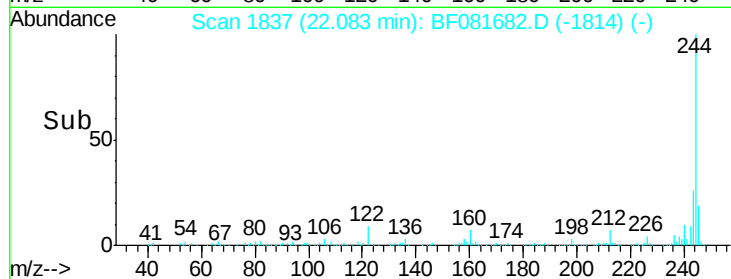
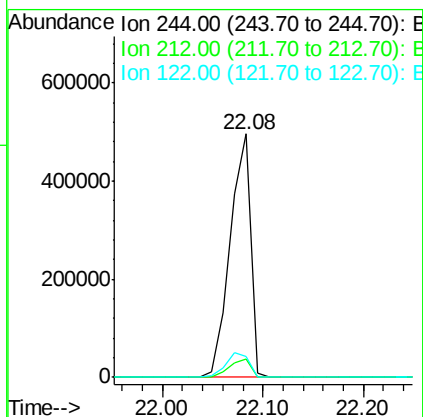
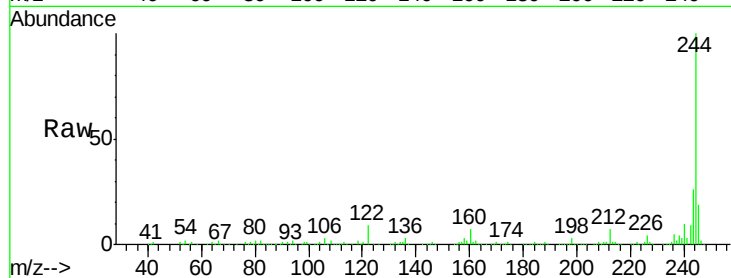




#78
 Terphenyl-d14
 Concen: 95.43 ng
 RT: 22.08 min Scan# 1837
 Delta R.T. -0.03 min
 Lab File: BF081682.D
 Acq: 17 Sep 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATER

Tgt Ion:244 Resp: 702296
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.3 6.5#
 122 8.7 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.78 min Scan# 2073
 Delta R.T. -0.03 min
 Lab File: BF081682.D
 Acq: 17 Sep 2015 17:02

Tgt Ion:264 Resp: 118086
 Ion Ratio Lower Upper
 264 100
 260 24.4 16.7 25.1
 265 22.8 17.2 25.8

