

Data Path : Z:\HPCHEM1\BNA_F\Data\BF010715\
 Data File : BF076770.D
 Acq On : 7 Jan 2015 18:39
 Operator : IZ / TP
 Sample : G1022-03
 Misc : W
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-H2O-FP3-65

Quant Time: Jan 08 09:07:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 08 08:56:14 2015
 Response via : Initial Calibration

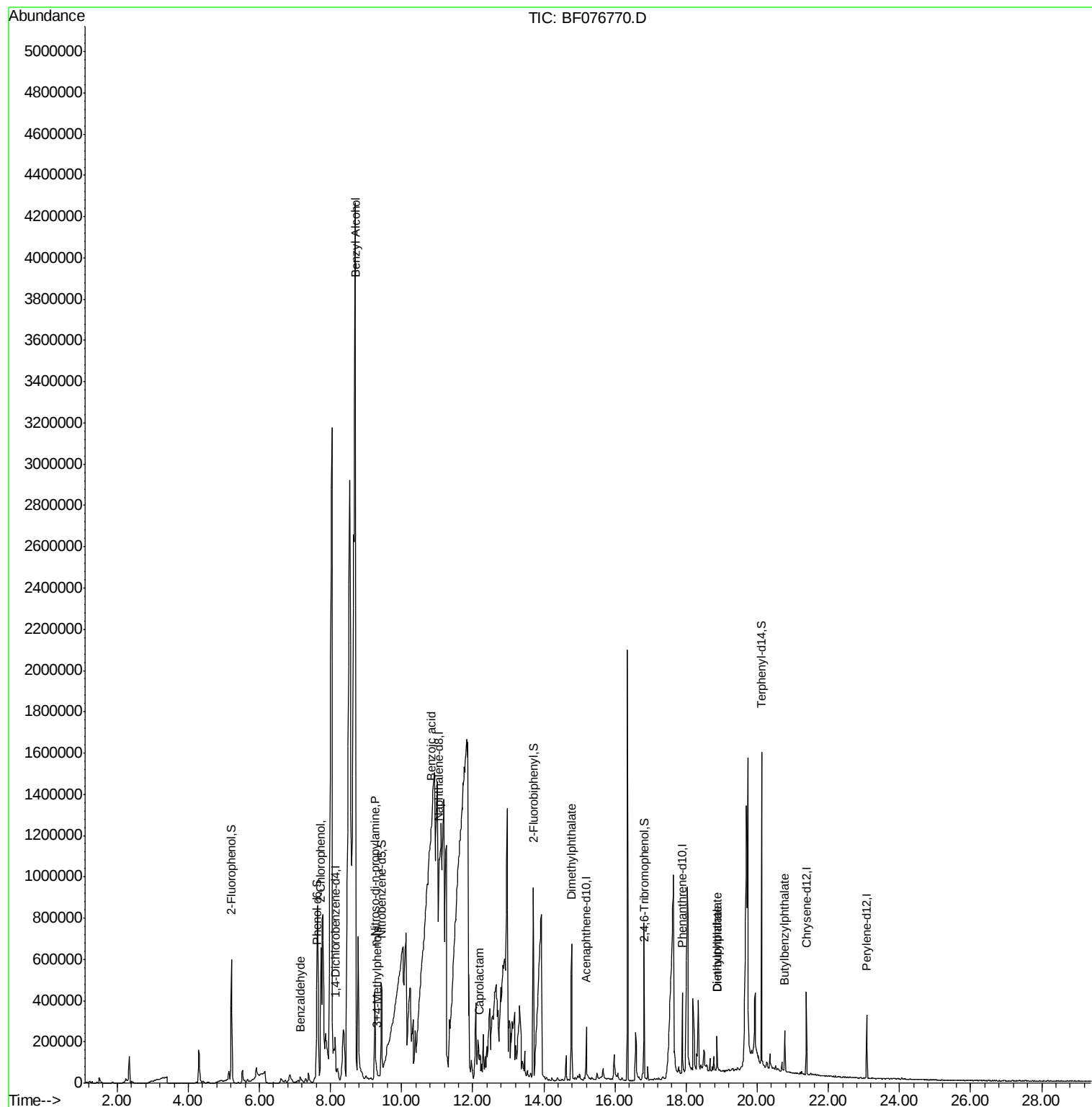
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	42334	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	181449	20.00	ng	0.00
38) Acenaphthene-d10	15.19	164	97404	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	166611	20.00	ng	0.00
75) Chrysene-d12	21.39	240	157794	20.00	ng	-0.01
86) Perylene-d12	23.08	264	140549	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	275602	110.37	ng	0.00
7) Phenol-d6	7.61	99	319784	104.85	ng	0.09
23) Nitrobenzene-d5	9.43	82	244028	79.98	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	109904	133.50	ng	0.01
44) 2-Fluorobiphenyl	13.71	172	500217	79.92	ng	0.00
78) Terphenyl-d14	20.12	244	497863	69.60	ng	0.00
Target Compounds						
8) 2-Chlorophenol	7.73	128	9142	3.20	ng	Qvalue # 33
9) Benzaldehyde	7.14	77	8729	3.76	ng	94
15) Benzyl Alcohol	8.70	79	2394257	906.61	ng	97
19) n-Nitroso-di-n-propylamine	9.25	70	46338	20.80	ng	# 65
20) 3+4-Methylphenols	9.32	107	7711	2.43	ng	86
32) Benzoic acid	10.84	122	1791	6.00	ng	# 1
35) Caprolactam	12.17	113	1677	2.37	ng	# 1
49) Dimethylphthalate	14.78	163	459205	66.64	ng	99
59) Diethylphthalate	18.86	149	116676	16.58	ng	# 73
73) Di-n-butylphthalate	18.86	149	116676	9.93	ng	# 93
79) Butylbenzylphthalate	20.77	149	68511	12.98	ng	# 86

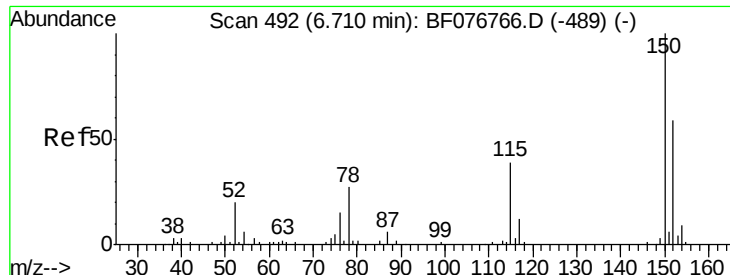
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 08 09:07:19 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 08:56:14 2015
Response via : Initial Calibration



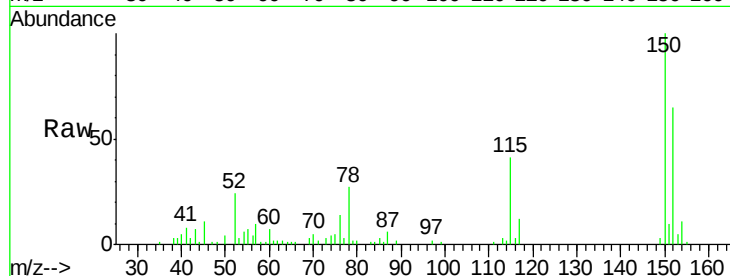


#1

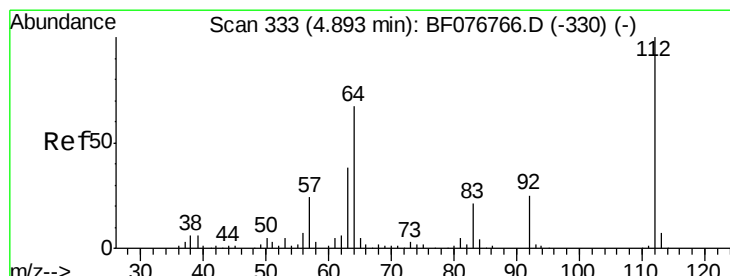
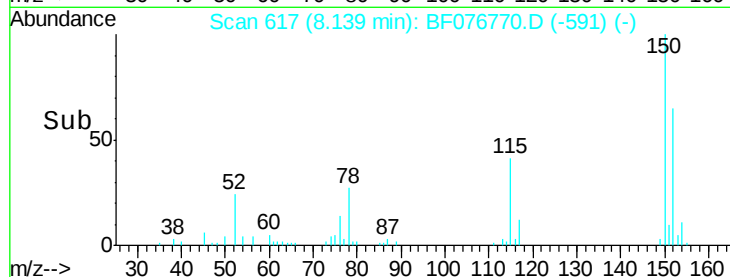
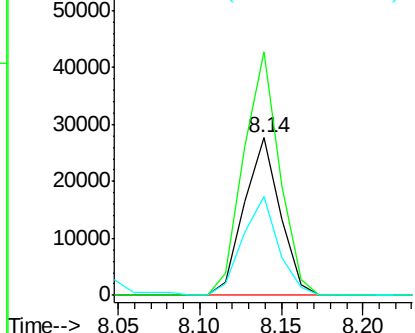
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF076770.D
Acq: 7 Jan 2015 18:39

Instrument :
BNA_F
ClientSampleId :
WC-H2O-FP3-65

Tgt Ion:152 Resp: 42334
Ion Ratio Lower Upper
152 100
150 154.8 125.2 187.8
115 63.3 51.4 77.0



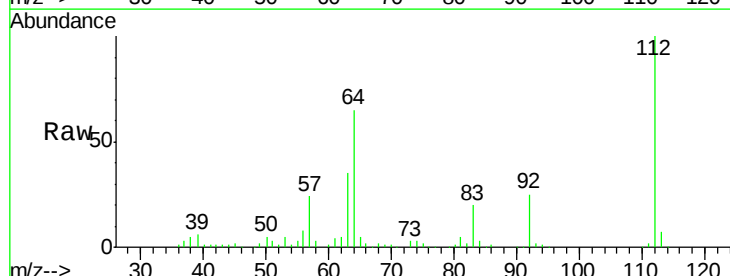
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



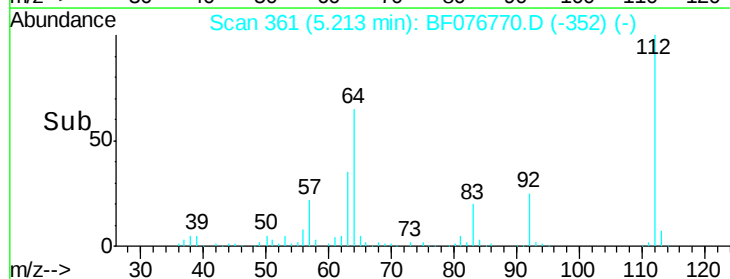
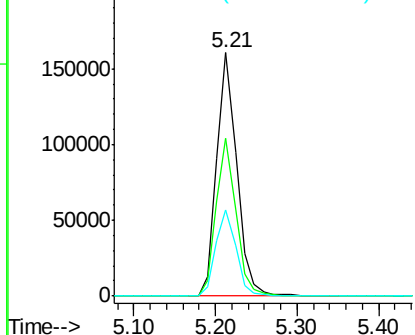
#5

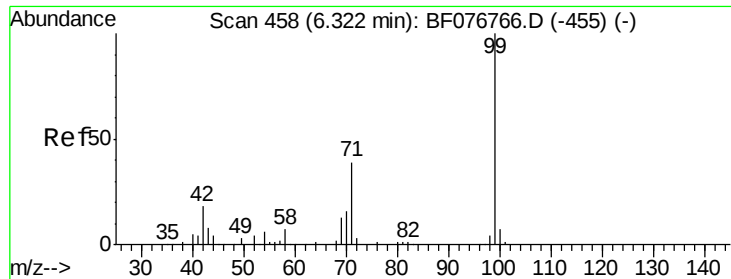
2-Fluorophenol
Concen: 110.37 ng
RT: 5.21 min Scan# 361
Delta R.T. 0.00 min
Lab File: BF076770.D
Acq: 7 Jan 2015 18:39

Tgt Ion:112 Resp: 275602
Ion Ratio Lower Upper
112 100
64 64.7 47.4 71.0
63 35.2 25.0 37.4



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: 104.85 ng

RT: 7.61 min Scan# 571

Delta R.T. 0.09 min

Lab File: BF076770.D

Acq: 7 Jan 2015 18:39

Instrument :

BNA_F

ClientSampleId :

WC-H2O-FP3-65

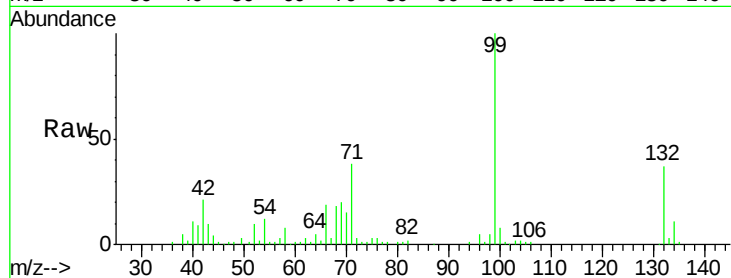
Tgt Ion: 99 Resp: 319784

Ion Ratio Lower Upper

99 100

42 21.2 11.6 17.4#

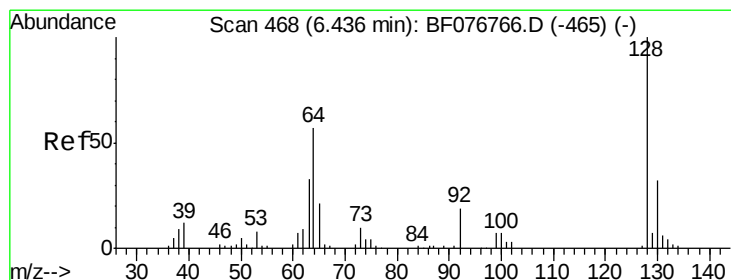
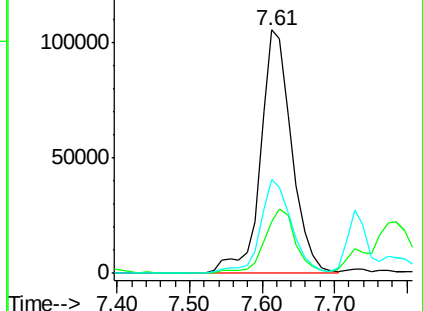
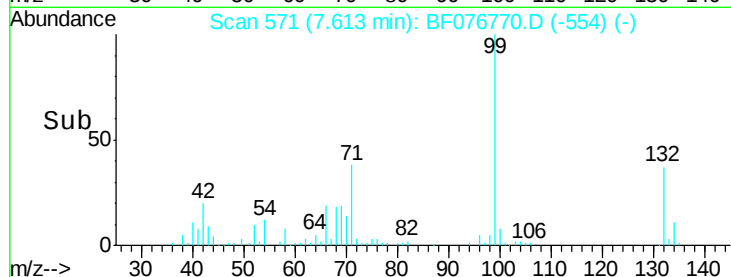
71 38.4 25.9 38.9



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



#8

2-Chlorophenol

Concen: 3.20 ng

RT: 7.73 min Scan# 581

Delta R.T. 0.06 min

Lab File: BF076770.D

Acq: 7 Jan 2015 18:39

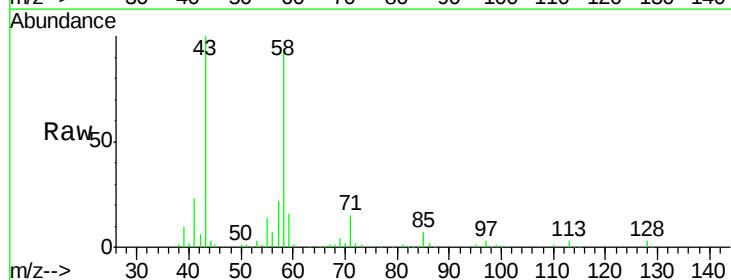
Tgt Ion: 128 Resp: 9142

Ion Ratio Lower Upper

128 100

130 0.0 11.3 51.3#

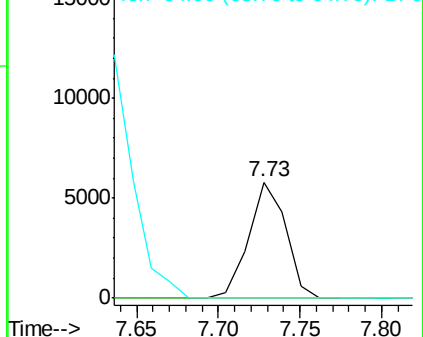
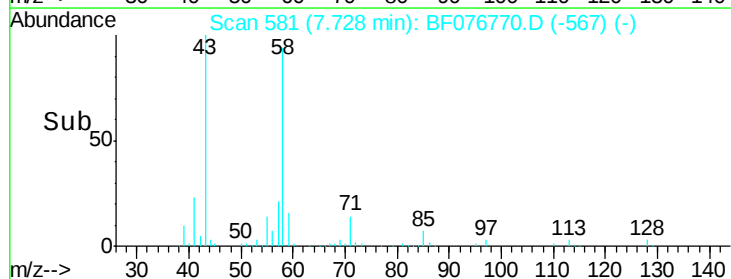
64 0.0 31.3 71.3#

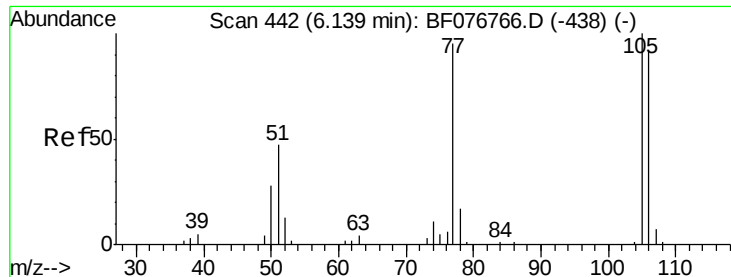


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.76 ng

RT: 7.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF076770.D

Acq: 7 Jan 2015 18:39

Instrument :

BNA_F

ClientSampleId :

WC-H2O-FP3-65

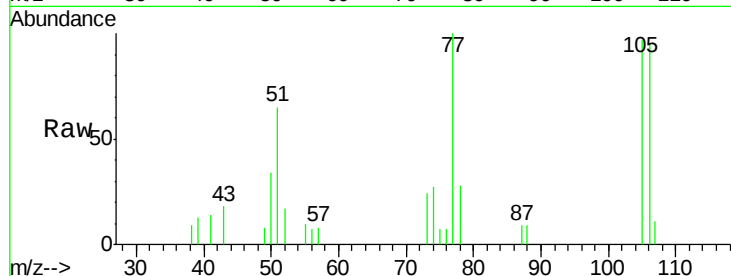
Tgt Ion: 77 Resp: 8729

Ion Ratio Lower Upper

77 100

105 96.5 86.1 126.1

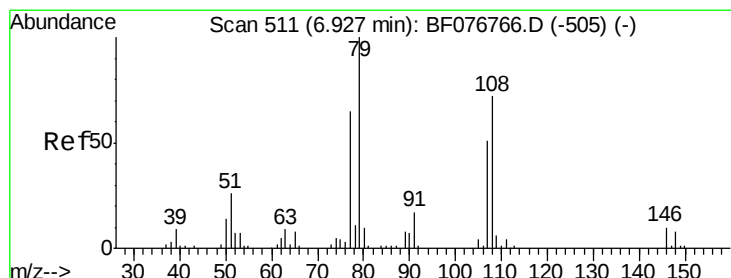
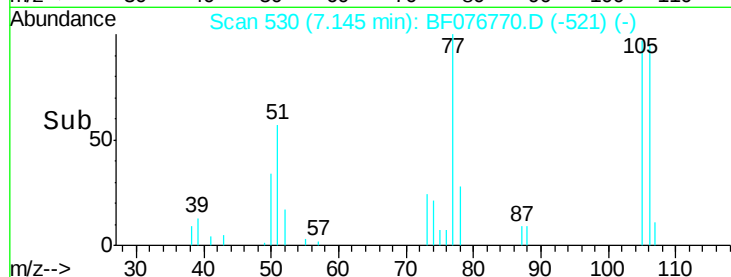
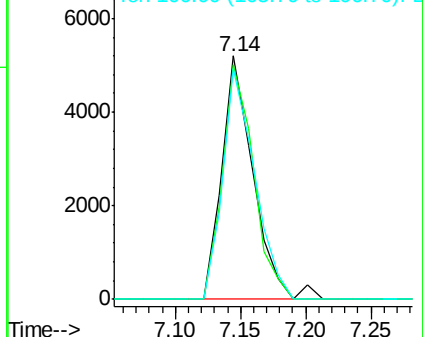
106 94.9 76.8 116.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B



#15

Benzyl Alcohol

Concen: 906.61 ng

RT: 8.70 min Scan# 666

Delta R.T. 0.14 min

Lab File: BF076770.D

Acq: 7 Jan 2015 18:39

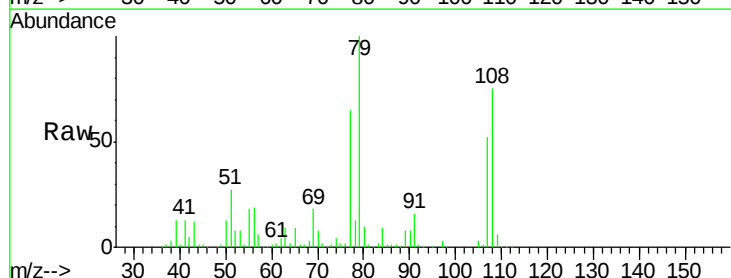
Tgt Ion: 79 Resp: 2394257

Ion Ratio Lower Upper

79 100

108 74.8 62.0 93.0

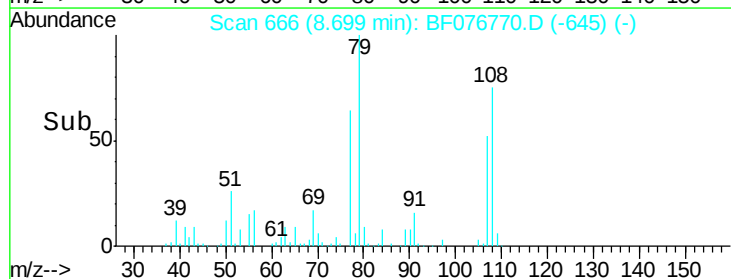
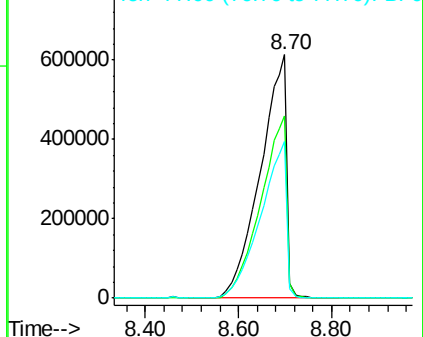
77 64.6 53.0 79.6

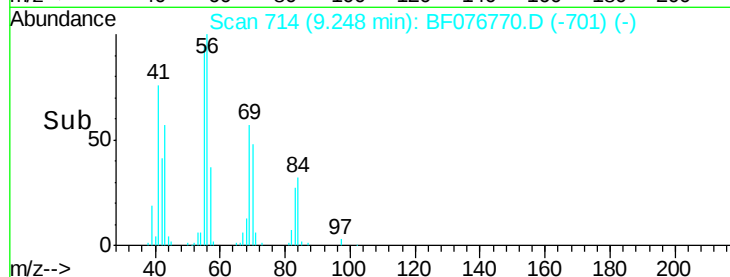
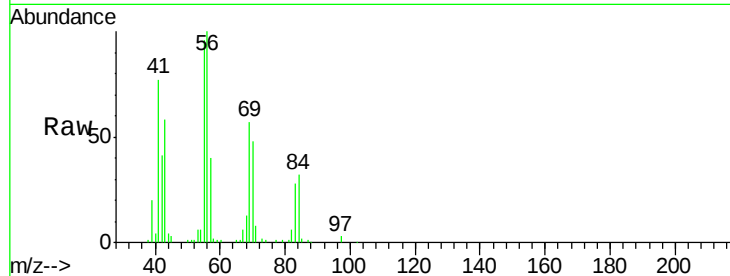
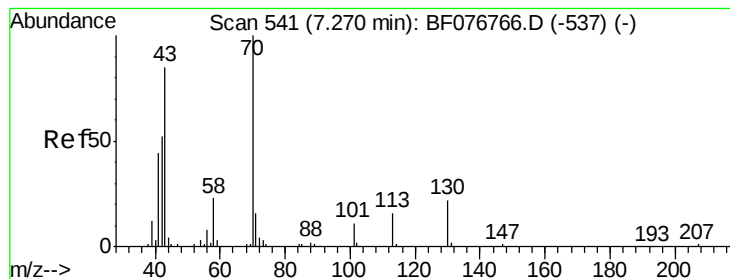


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): B

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 20.80 ng

RT: 9.25 min Scan# 714

Delta R.T. 0.05 min

Lab File: BF076770.D

Acq: 7 Jan 2015 18:39

Instrument :

BNA_F

ClientSampleId :

WC-H2O-FP3-65

Tgt Ion: 70 Resp: 46338

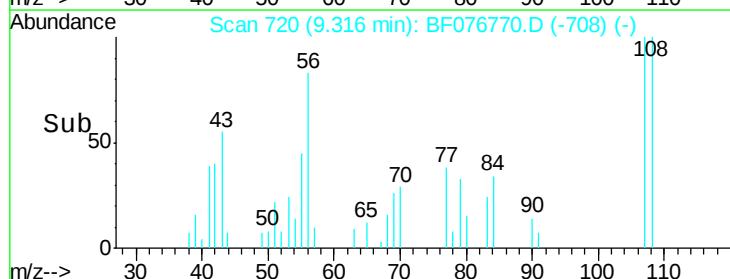
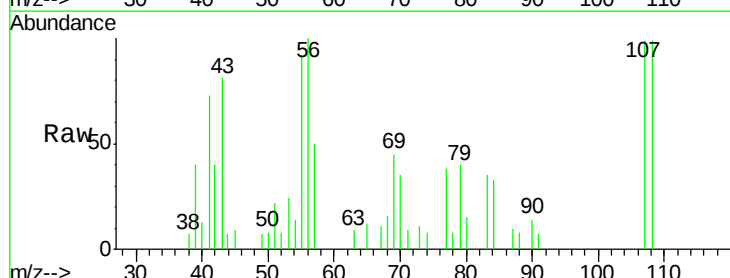
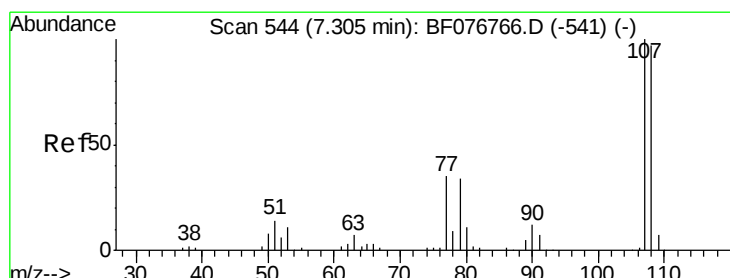
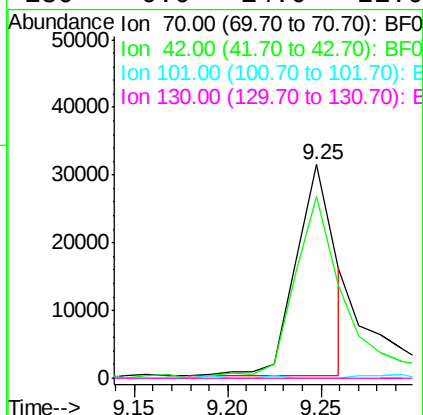
Ion Ratio Lower Upper

70 100

42 84.8 46.6 70.0#

101 0.0 7.0 10.6#

130 0.0 14.0 21.0#



#20

3+4-Methylphenols

Concen: 2.43 ng

RT: 9.32 min Scan# 720

Delta R.T. 0.03 min

Lab File: BF076770.D

Acq: 7 Jan 2015 18:39

Tgt Ion: 107 Resp: 7711

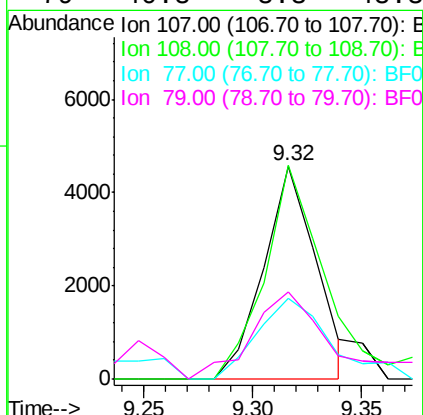
Ion Ratio Lower Upper

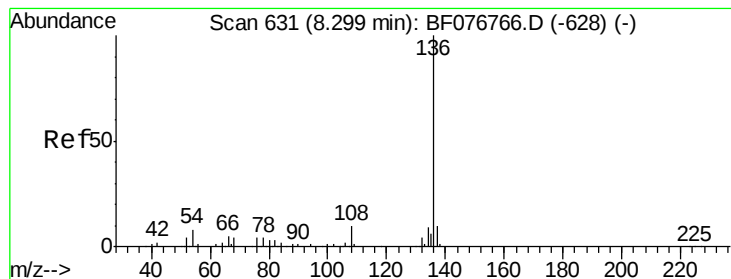
107 100

108 100.3 67.5 107.5

77 38.0 15.2 55.2

79 40.8 8.3 48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.04 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF076770.D

Acq: 7 Jan 2015 18:39

Instrument :

BNA_F

ClientSampleId :

WC-H2O-FP3-65

Tgt Ion: 136 Resp: 181449

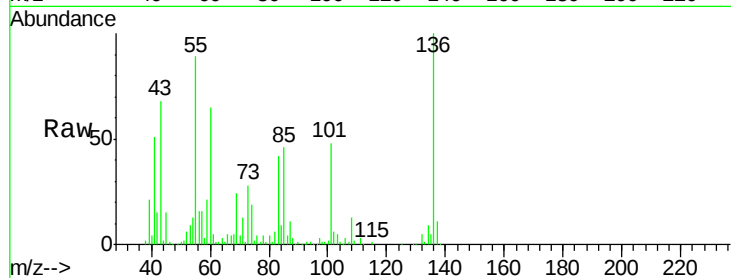
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 12.5 7.8 11.6#

68 5.1 3.4 5.2

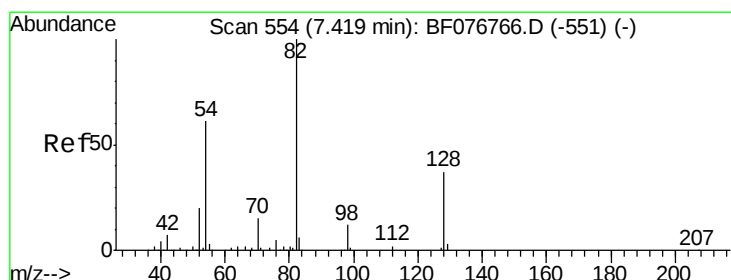
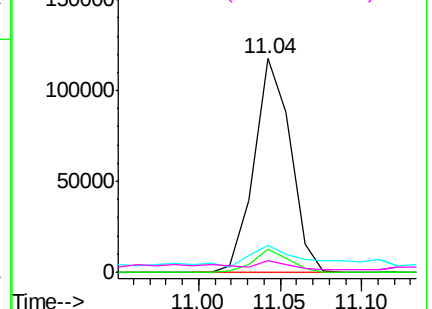
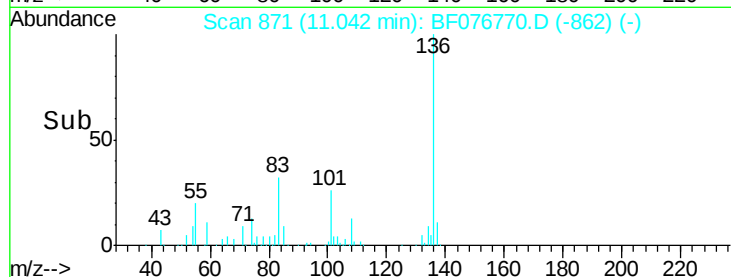


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.98 ng

RT: 9.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF076770.D

Acq: 7 Jan 2015 18:39

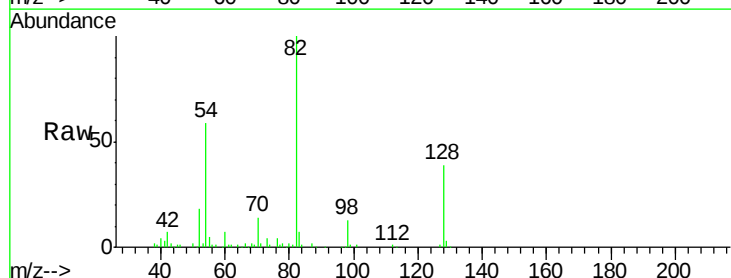
Tgt Ion: 82 Resp: 244028

Ion Ratio Lower Upper

82 100

128 38.8 31.9 47.9

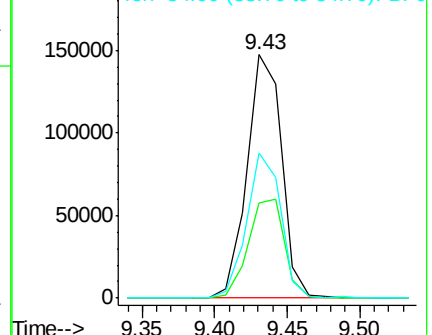
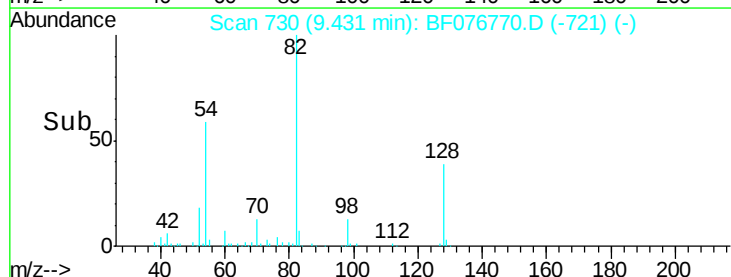
54 59.4 47.2 70.8

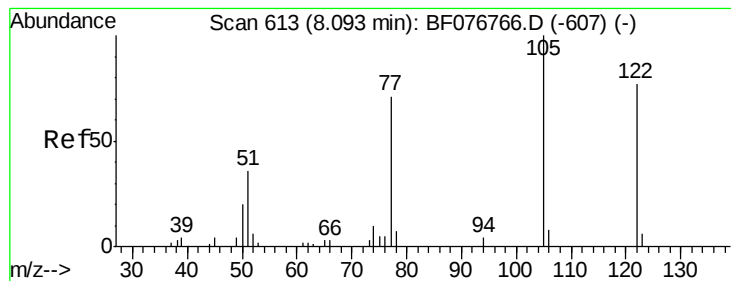


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 6.00 ng

RT: 10.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF076770.D

Acq: 7 Jan 2015 18:39

Instrument :

BNA_F

ClientSampleId :

WC-H2O-FP3-65

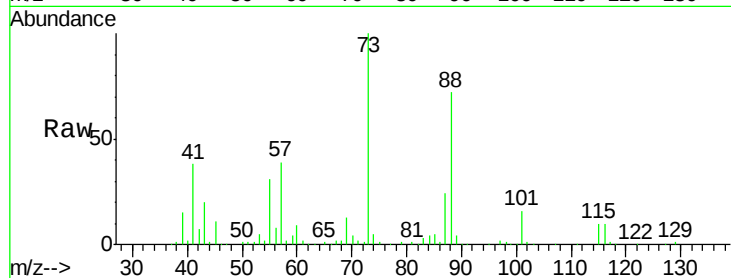
Tgt Ion:122 Resp: 1791

Ion Ratio Lower Upper

122 100

105 0.0 110.2 150.2#

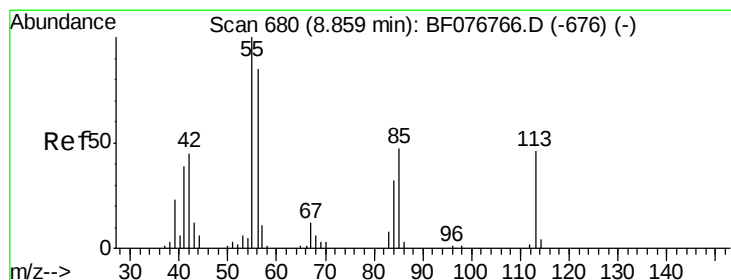
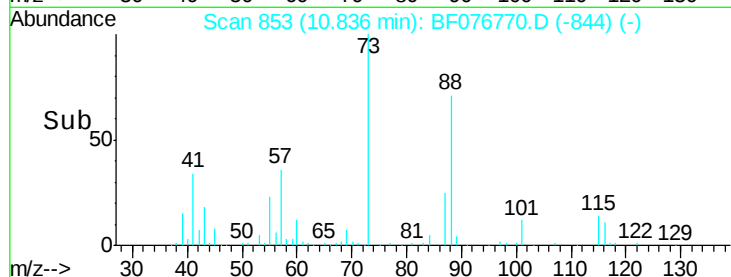
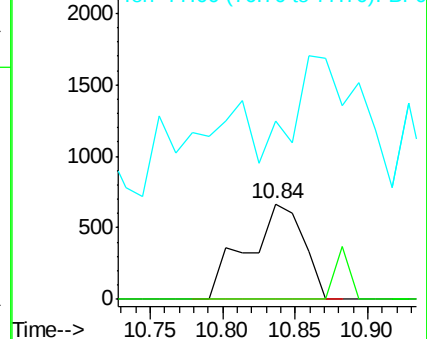
77 187.1 70.7 110.7#



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



#35

Caprolactam

Concen: 2.37 ng

RT: 12.17 min Scan# 970

Delta R.T. -0.02 min

Lab File: BF076770.D

Acq: 7 Jan 2015 18:39

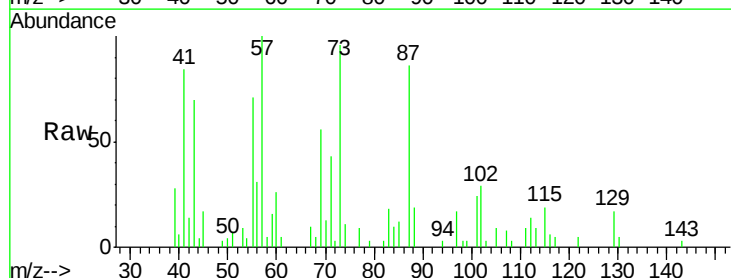
Tgt Ion:113 Resp: 1677

Ion Ratio Lower Upper

113 100

55 781.2 199.5 239.5#

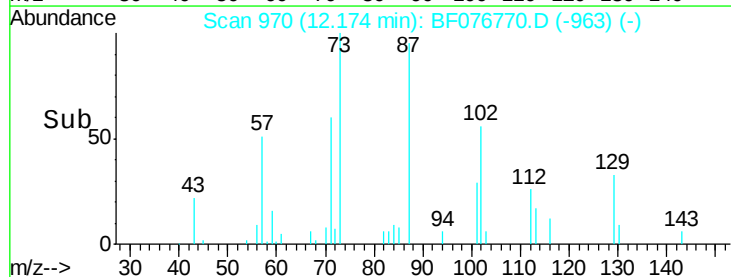
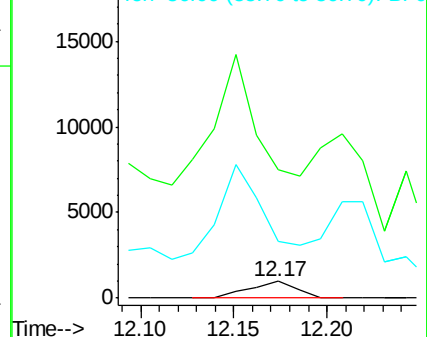
56 345.1 148.4 188.4#

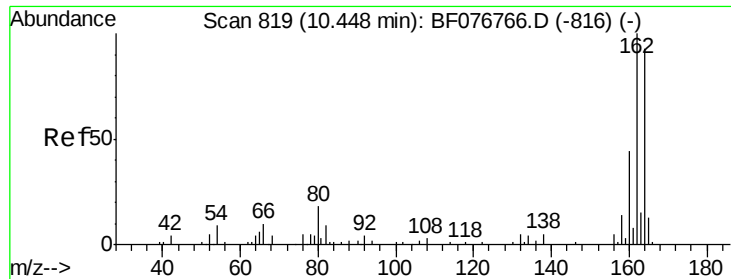


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.19 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF076770.D

Acq: 7 Jan 2015 18:39

Instrument :

BNA_F

ClientSampleId :

WC-H2O-FP3-65

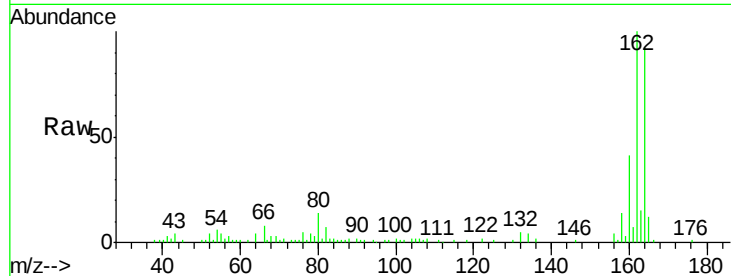
Tgt Ion:164 Resp: 97404

Ion Ratio Lower Upper

164 100

162 108.8 84.2 126.2

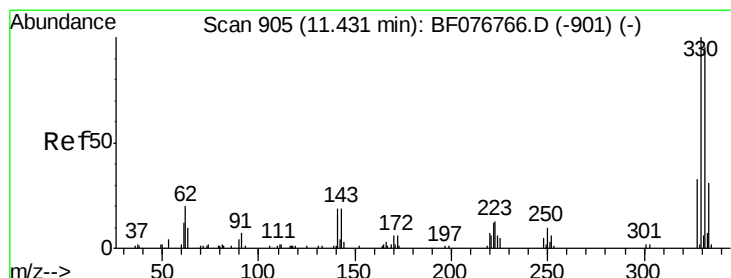
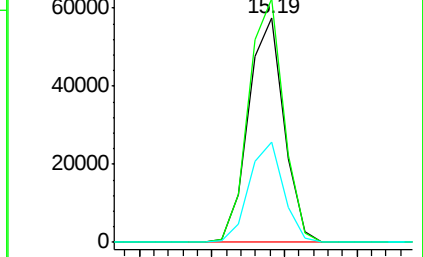
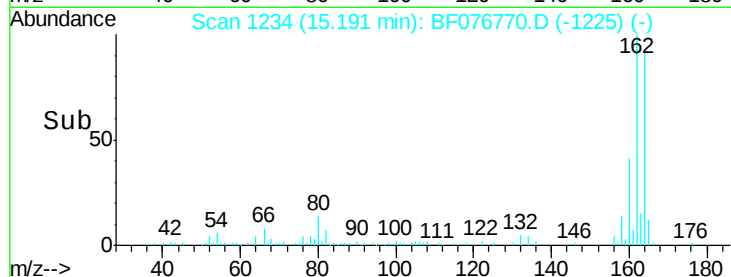
160 44.9 35.5 53.3



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: 133.50 ng

RT: 16.83 min Scan# 1377

Delta R.T. 0.01 min

Lab File: BF076770.D

Acq: 7 Jan 2015 18:39

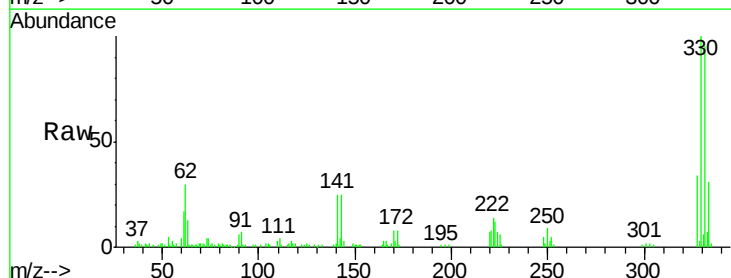
Tgt Ion:330 Resp: 109904

Ion Ratio Lower Upper

330 100

332 96.1 0.0 0.0#

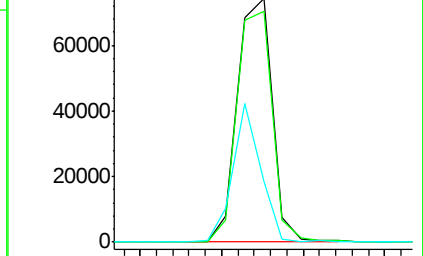
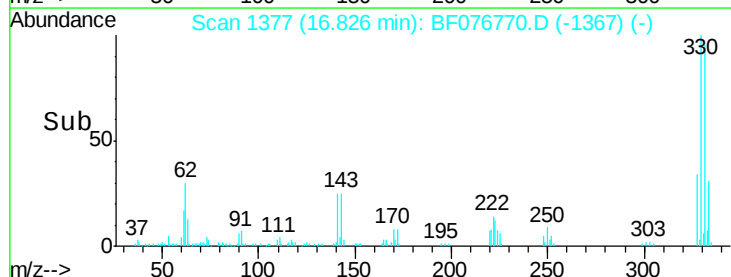
141 45.4 0.0 0.0#

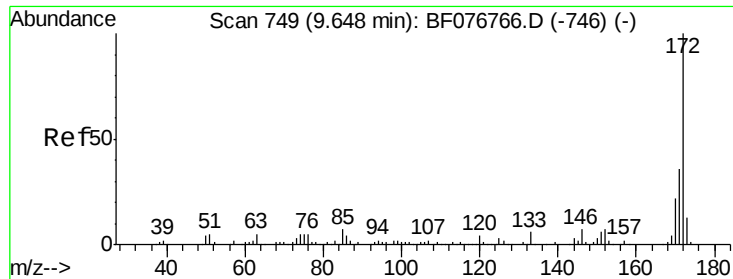


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

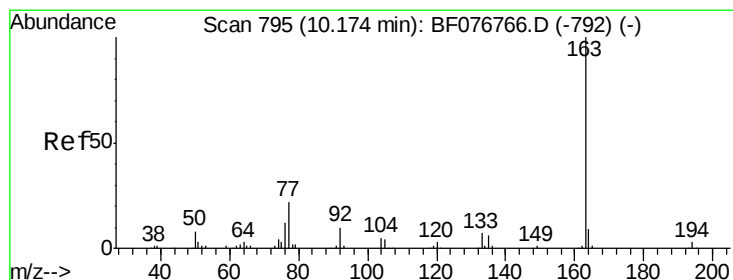
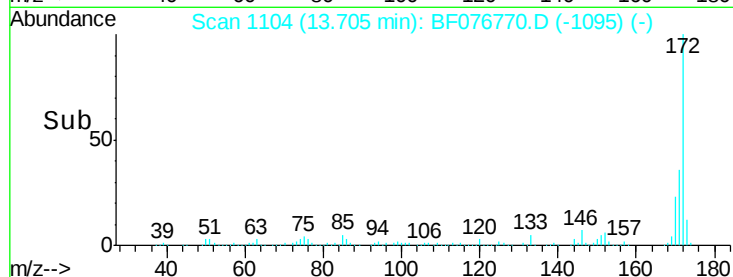
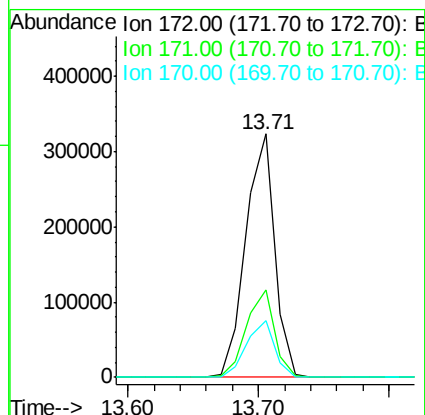
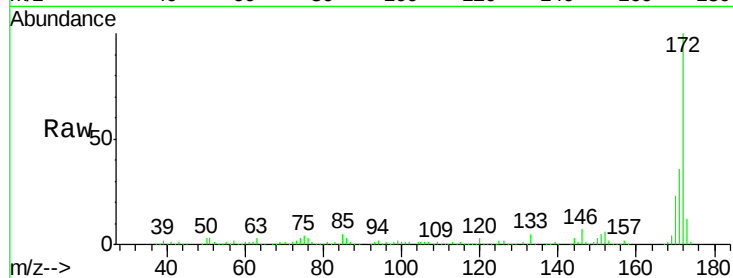




#44
 2-Fluorobiphenyl
 Concen: 79.92 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BF076770.D
 Acq: 7 Jan 2015 18:39

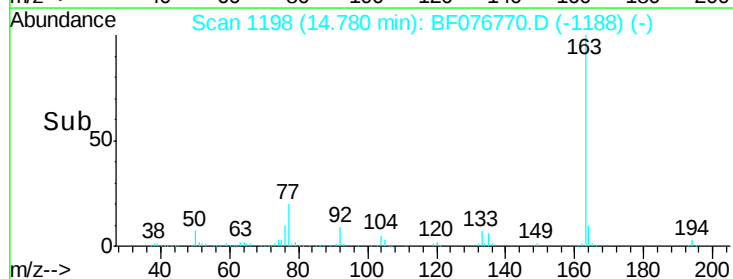
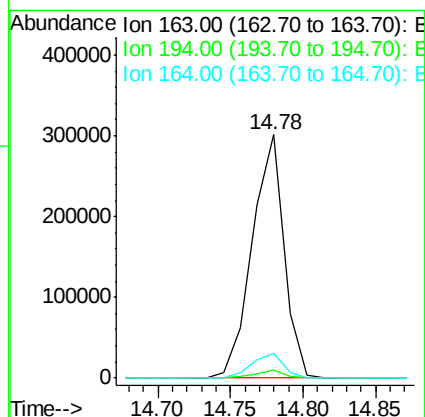
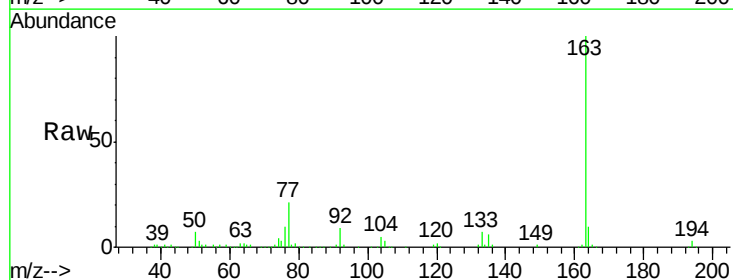
Instrument :
 BNA_F
 ClientSampleId :
 WC-H2O-FP3-65

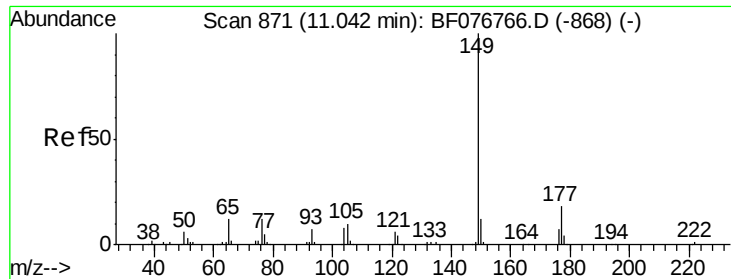
Tgt Ion:172 Resp: 500217
 Ion Ratio Lower Upper
 172 100
 171 35.8 27.8 41.8
 170 23.4 19.0 28.4



#49
 Dimethylphthalate
 Concen: 66.64 ng
 RT: 14.78 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF076770.D
 Acq: 7 Jan 2015 18:39

Tgt Ion:163 Resp: 459205
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.2 7.7 11.5

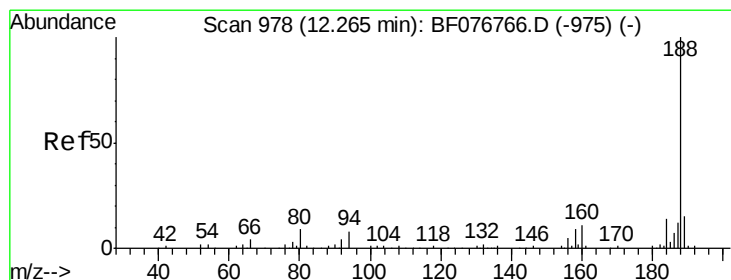
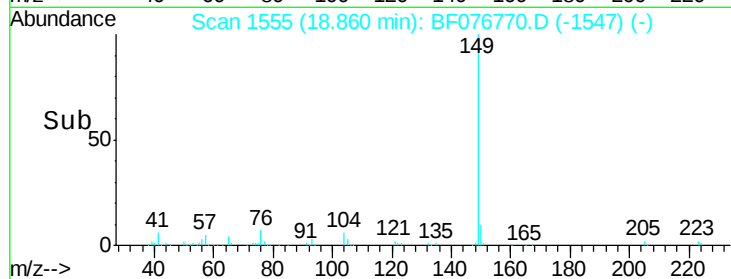
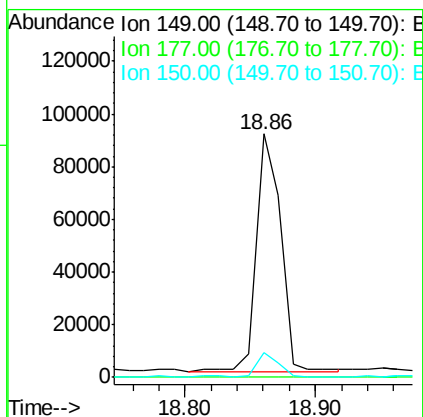
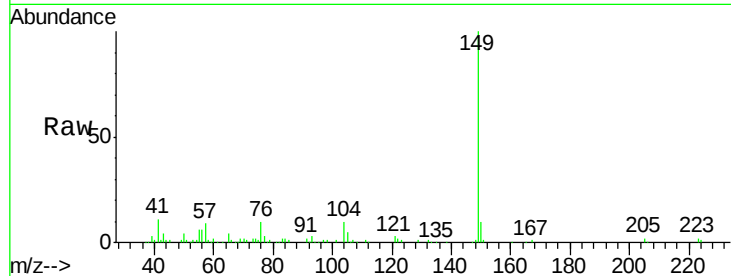




#59
Diethylphthalate
Concen: 16.58 ng
RT: 18.86 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF076770.D
Acq: 7 Jan 2015 18:39

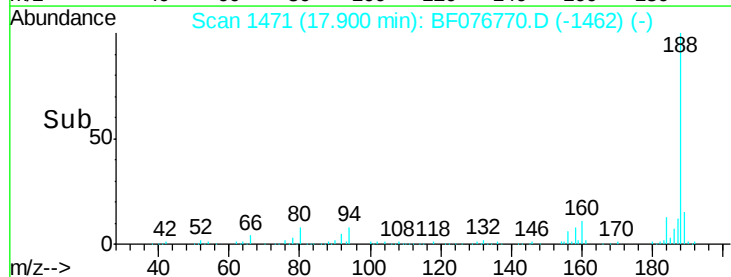
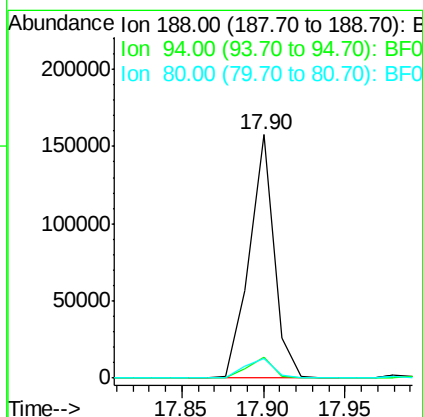
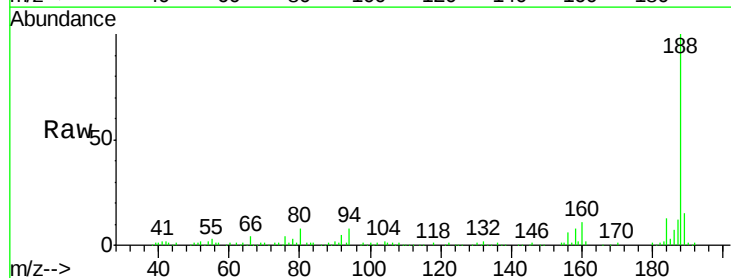
Instrument :
BNA_F
ClientSampleId :
WC-H2O-FP3-65

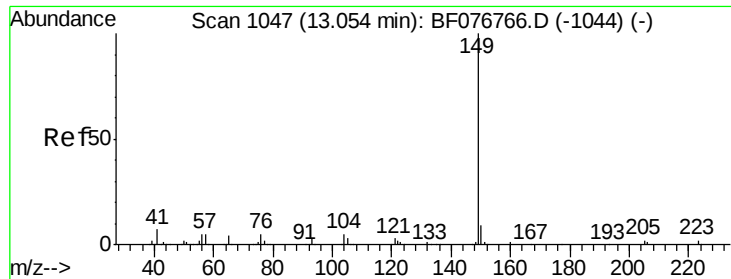
Tgt Ion:149 Resp: 116676
Ion Ratio Lower Upper
149 100
177 0.0 14.7 22.1#
150 10.3 9.8 14.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF076770.D
Acq: 7 Jan 2015 18:39

Tgt Ion:188 Resp: 166611
Ion Ratio Lower Upper
188 100
94 8.3 7.9 11.9
80 8.2 8.2 12.2

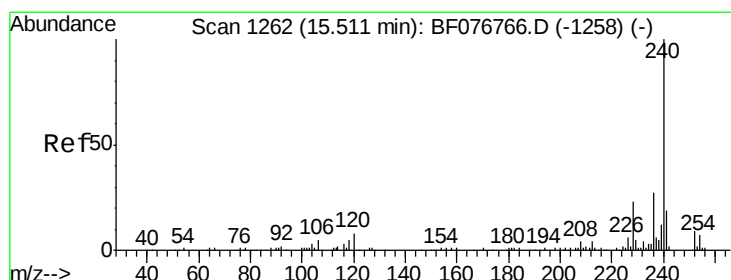
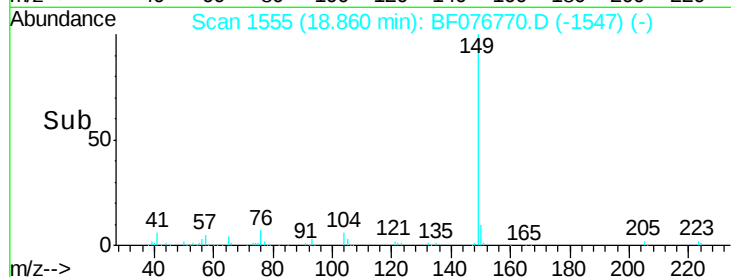
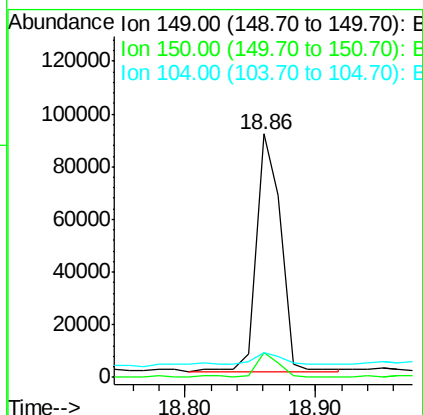
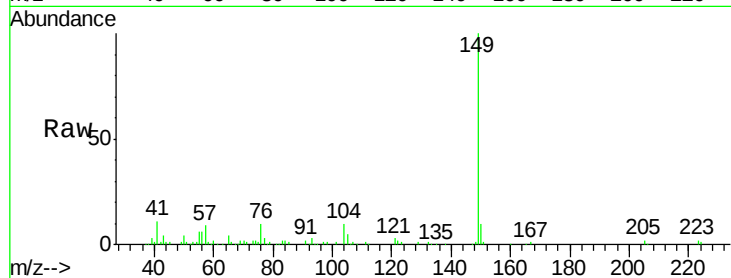




#73
Di-n-butylphthalate
Concen: 9.93 ng
RT: 18.86 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF076770.D
Acq: 7 Jan 2015 18:39

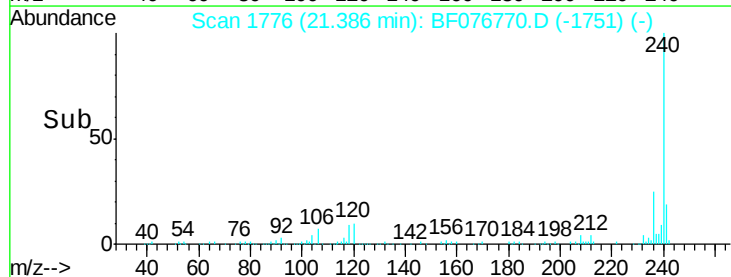
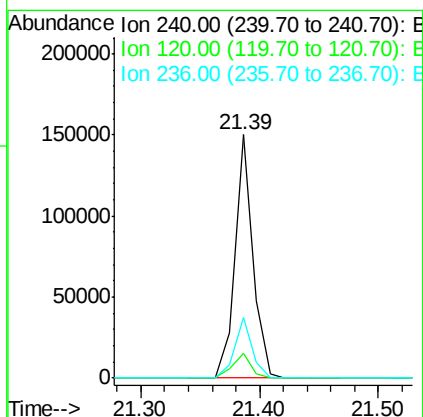
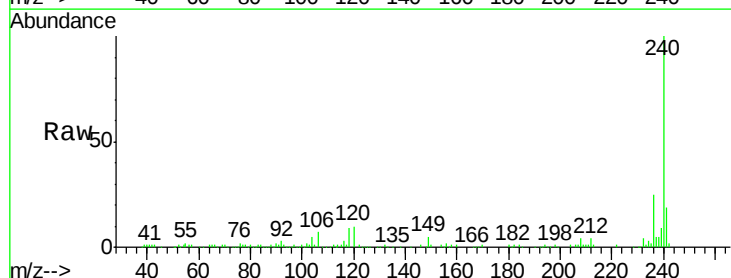
Instrument :
BNA_F
ClientSampleId :
WC-H2O-FP3-65

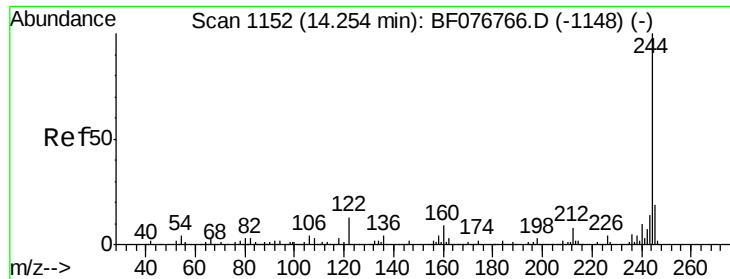
Tgt Ion:149 Resp: 116676
Ion Ratio Lower Upper
149 100
150 10.3 7.1 10.7
104 9.9 4.5 6.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.39 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF076770.D
Acq: 7 Jan 2015 18:39

Tgt Ion:240 Resp: 157794
Ion Ratio Lower Upper
240 100
120 10.0 8.0 12.0
236 24.8 20.6 30.8

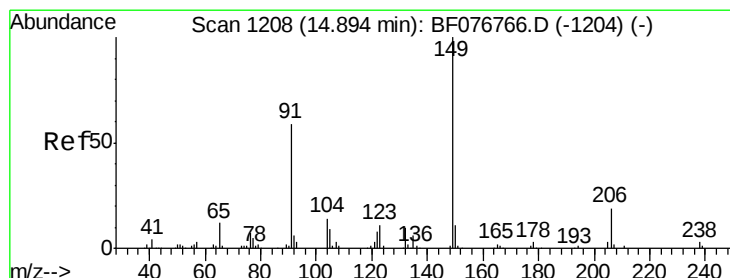
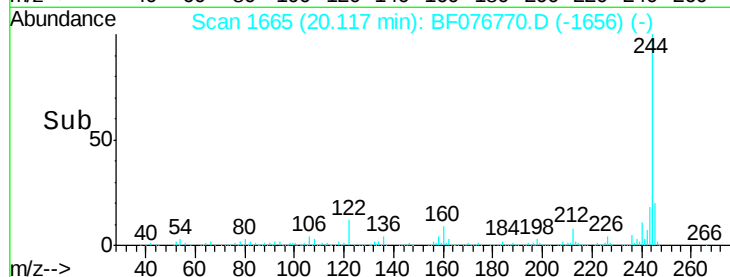
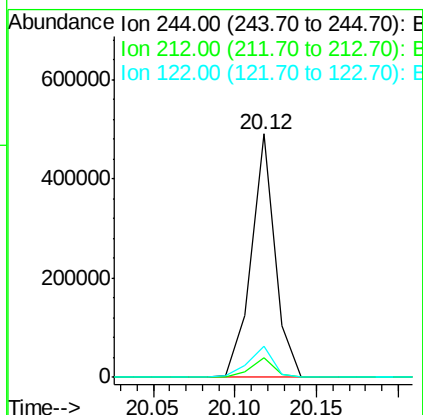
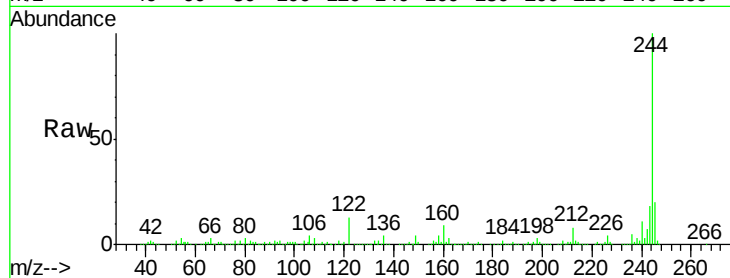




#78
 Terphenyl-d14
 Concen: 69.60 ng
 RT: 20.12 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF076770.D
 Acq: 7 Jan 2015 18:39

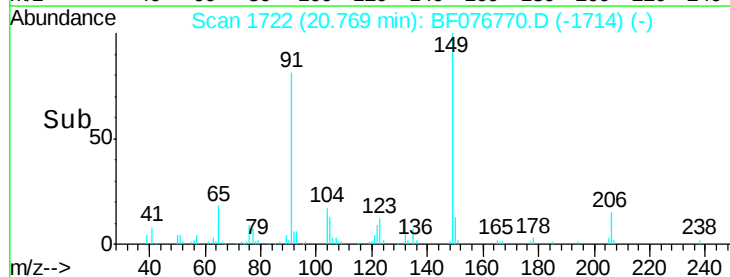
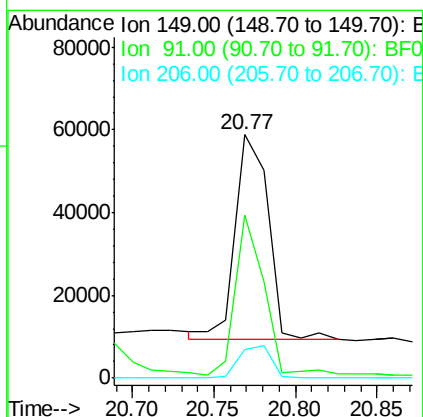
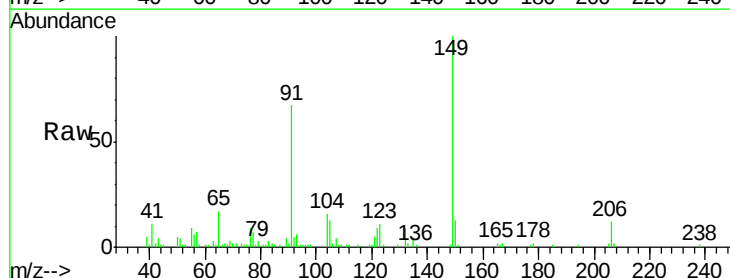
Instrument :
 BNA_F
 ClientSampleId :
 WC-H2O-FP3-65

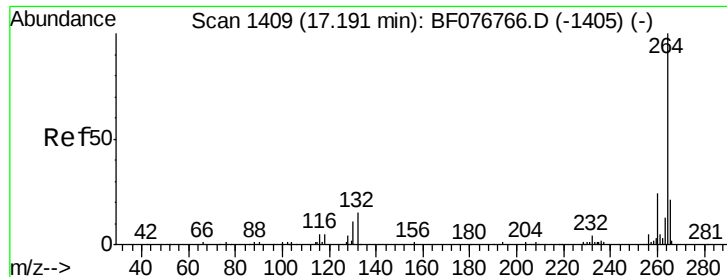
Tgt Ion:244 Resp: 497863
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 12.8 8.2 12.2#



#79
 Butylbenzylphthalate
 Concen: 12.98 ng
 RT: 20.77 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BF076770.D
 Acq: 7 Jan 2015 18:39

Tgt Ion:149 Resp: 68511
 Ion Ratio Lower Upper
 149 100
 91 67.1 45.9 68.9
 206 11.6 15.1 22.7#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.08 min Scan# 1924
Delta R.T. -0.03 min
Lab File: BF076770.D
Acq: 7 Jan 2015 18:39

Instrument :
BNA_F
ClientSampleId :
WC-H2O-FP3-65

Tgt Ion: 264 Resp: 140549
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 22.1 18.1 27.1

