

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
 Data File : BF091229.D
 Acq On : 17 Nov 2016 23:00
 Operator : UM/SJ
 Sample : H5681-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WQ-5W

Quant Time: Nov 18 03:09:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

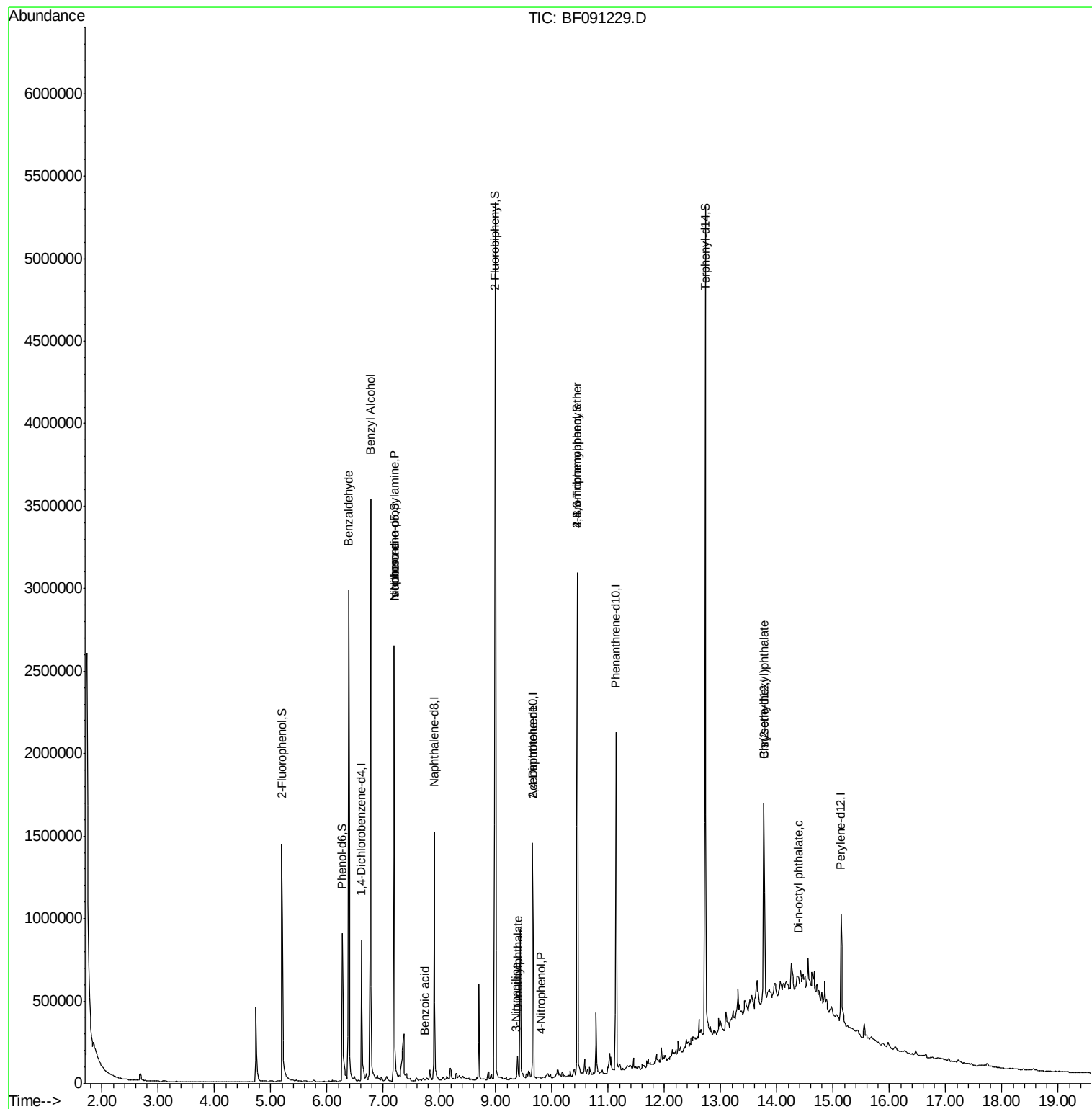
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	187011	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	780041	20.00	ng	-0.05
38) Acenaphthene-d10	9.65	164	397656	20.00	ng	-0.05
63) Phenanthrene-d10	11.14	188	716019	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	436617	20.00	ng	-0.05
86) Perylene-d12	15.14	264	346353	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	619459	54.71	ng	-0.05
7) Phenol-d6	6.27	99	458901	29.86	ng	-0.05
23) Nitrobenzene-d5	7.20	82	1148604	80.33	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	491338	136.67	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	1867628	80.86	ng	-0.05
78) Terphenyl-d14	12.73	244	1796102	102.65	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.38	77	20732	2.43	ng	Qvalue 85
15) Benzyl Alcohol	6.77	79	26460	2.44	ng	# 49
19) n-Nitroso-di-n-propylamine	7.20	70	153766	14.44	ng	# 74
25) Isophorone	7.20	82	1115374	40.48	ng	# 67
32) Benzoic acid	7.74	122	505	5.13	ng	# 39
49) Dimethylphthalate	9.39	163	52375	2.01	ng	98
52) 3-Nitroaniline	9.37	138	17008	2.57	ng	# 1
55) 4-Nitrophenol	9.81	139	227	5.78	ng	# 32
56) 2,4-Dinitrotoluene	9.65	165	51319	7.22	ng	# 27
66) 4-Bromophenyl-phenylether	10.45	248	32720	4.39	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.77	149	84603	4.57	ng	99
84) Di-n-octyl phthalate	14.39	149	70058	2.30	ng	# 72

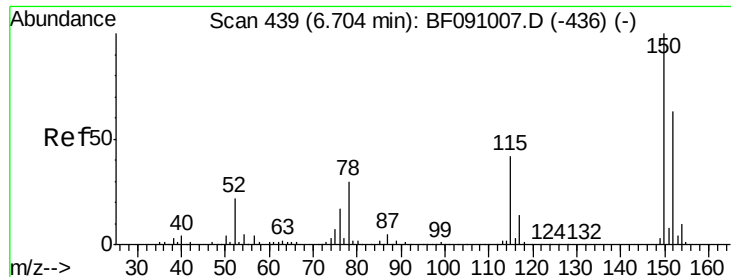
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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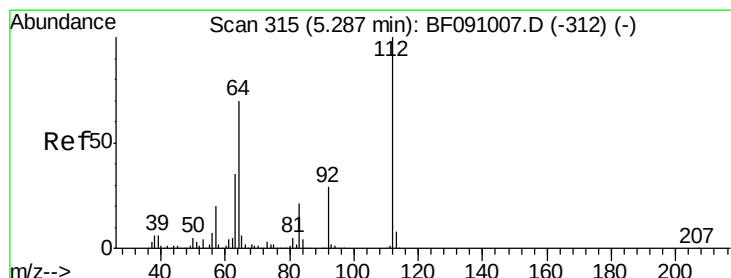
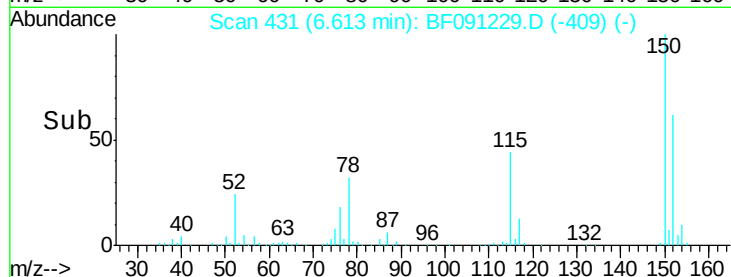
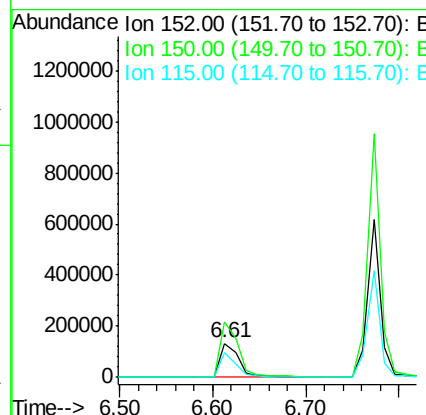
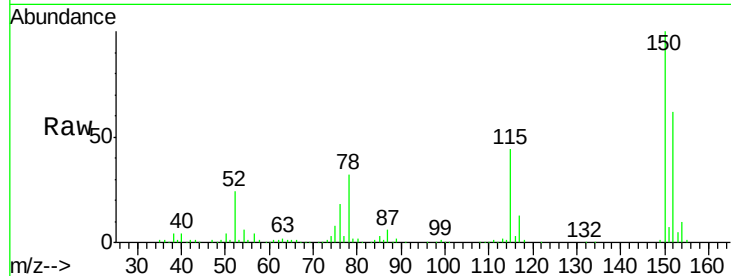




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.61 min Scan# 431
 Delta R.T. -0.05 min
 Lab File: BF091229.D
 Acq: 17 Nov 2016 23:00

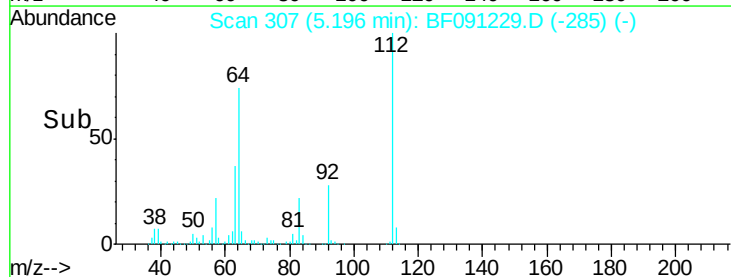
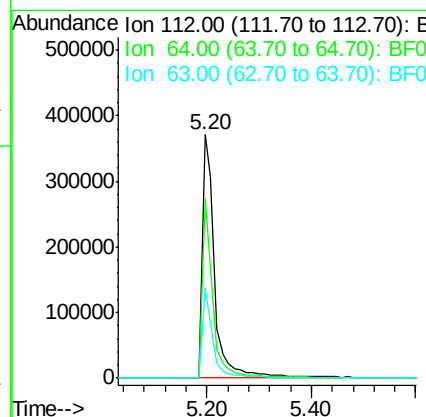
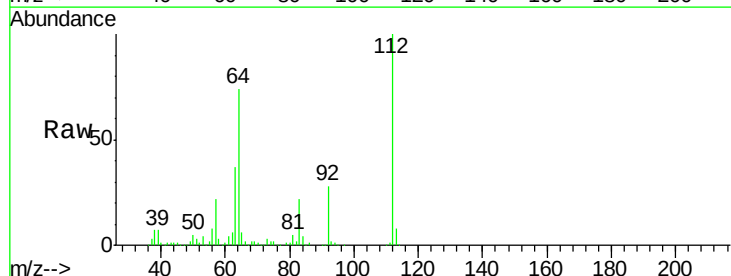
Instrument :
 BNA_F
 ClientSampleId :
 WQ-5W

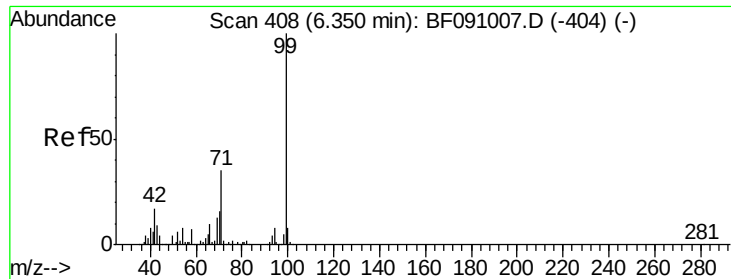
Tgt Ion:152 Resp: 187011
 Ion Ratio Lower Upper
 152 100
 150 161.2 126.8 190.2
 115 70.5 53.3 79.9



#5
 2-Fluorophenol
 Concen: 54.71 ng
 RT: 5.20 min Scan# 307
 Delta R.T. -0.05 min
 Lab File: BF091229.D
 Acq: 17 Nov 2016 23:00

Tgt Ion:112 Resp: 619459
 Ion Ratio Lower Upper
 112 100
 64 73.5 55.8 83.6
 63 37.0 28.0 42.0





#7

Phenol-d6

Concen: 29.86 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091229.D

Acq: 17 Nov 2016 23:00

Instrument :

BNA_F

ClientSampleId :

WQ-5W

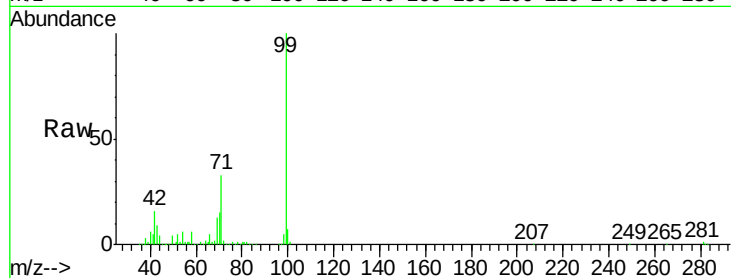
Tgt Ion: 99 Resp: 458901

Ion Ratio Lower Upper

99 100

42 15.9 13.9 20.9

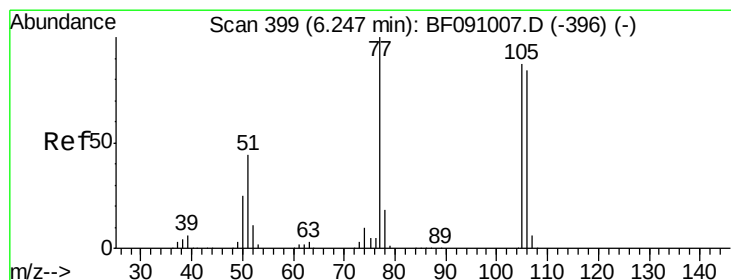
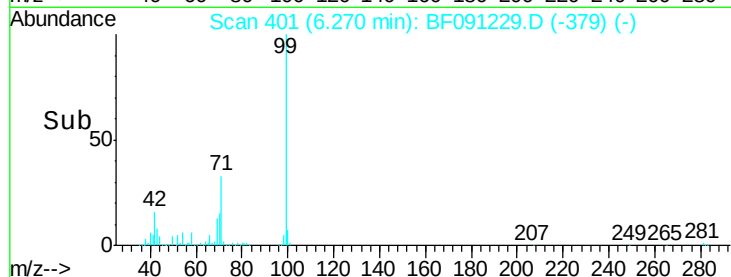
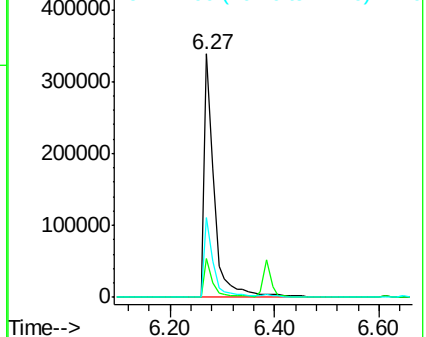
71 32.8 27.8 41.8



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



#9

Benzaldehyde

Concen: 2.43 ng

RT: 6.38 min Scan# 411

Delta R.T. 0.18 min

Lab File: BF091229.D

Acq: 17 Nov 2016 23:00

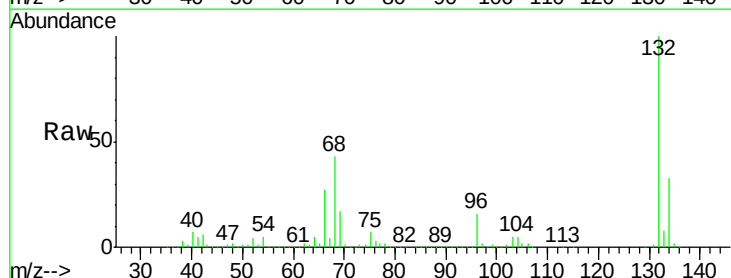
Tgt Ion: 77 Resp: 20732

Ion Ratio Lower Upper

77 100

105 74.9 66.8 106.8

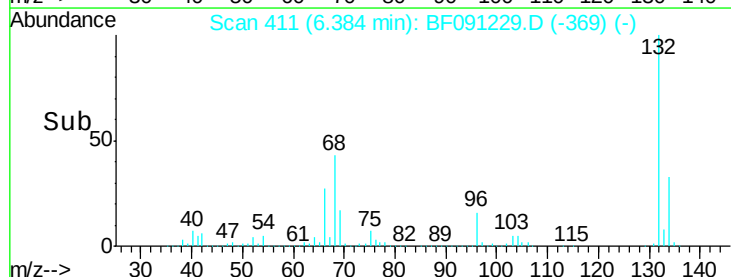
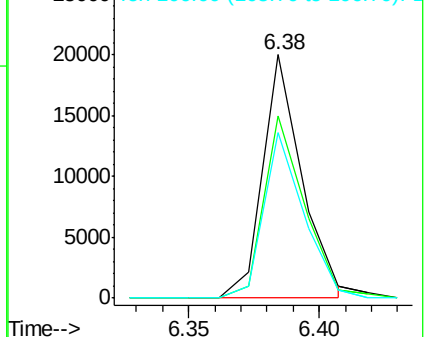
106 68.0 64.0 104.0

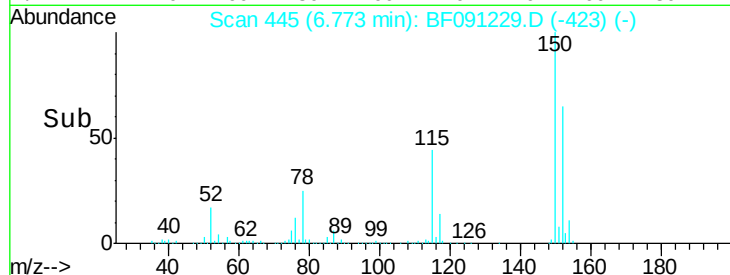
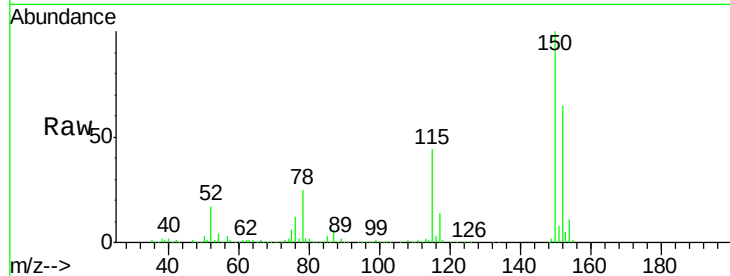
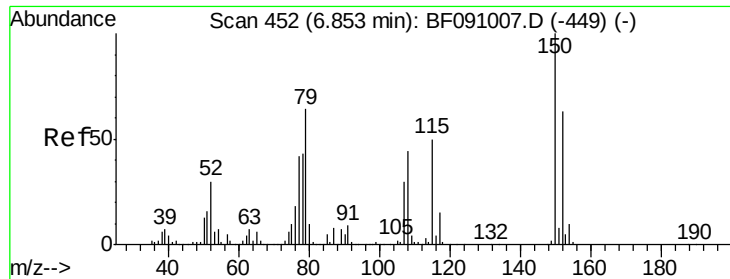


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.44 ng

RT: 6.77 min Scan# 445

Delta R.T. -0.05 min

Lab File: BF091229.D

Acq: 17 Nov 2016 23:00

Instrument :

BNA_F

ClientSampleId :

WQ-5W

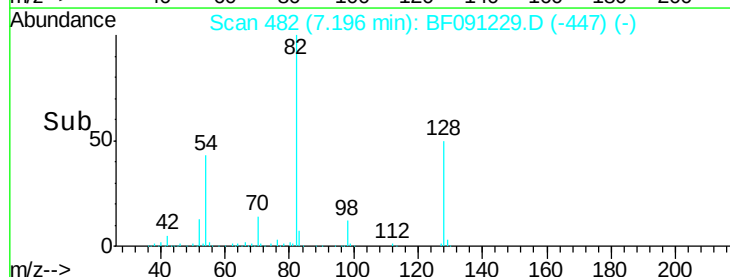
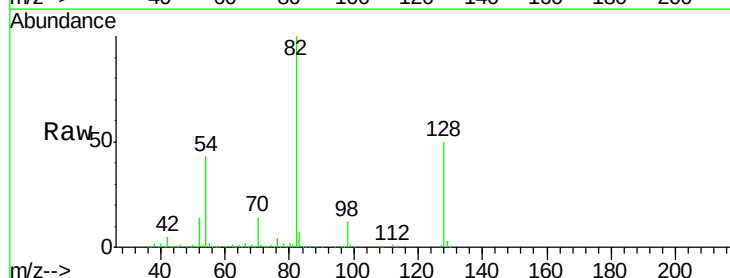
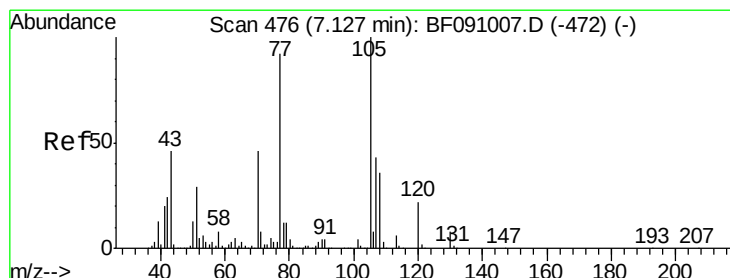
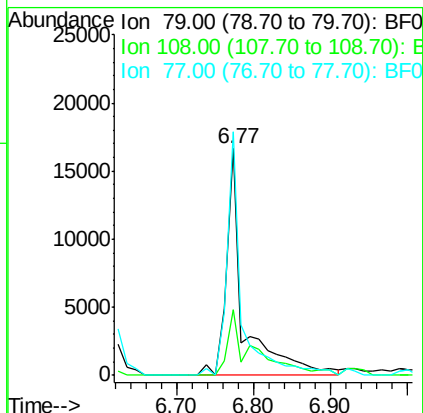
Tgt Ion: 79 Resp: 26460

Ion Ratio Lower Upper

79 100

108 28.9 55.7 83.5#

77 107.5 52.6 79.0#



#19

n-Nitroso-di-n-propylamine

Concen: 14.44 ng

RT: 7.20 min Scan# 482

Delta R.T. 0.10 min

Lab File: BF091229.D

Acq: 17 Nov 2016 23:00

Tgt Ion: 70 Resp: 153766

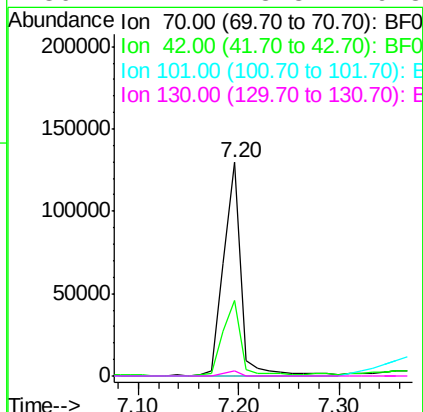
Ion Ratio Lower Upper

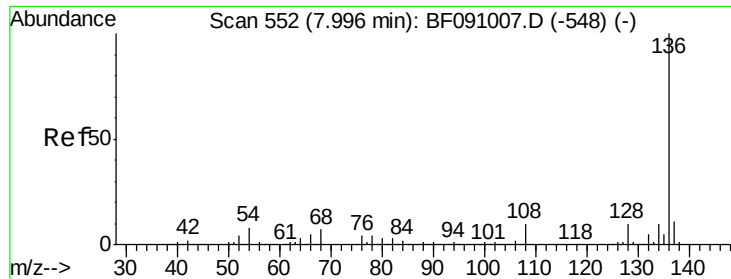
70 100

42 35.4 41.7 62.5#

101 0.0 6.7 10.1#

130 2.4 13.8 20.8#

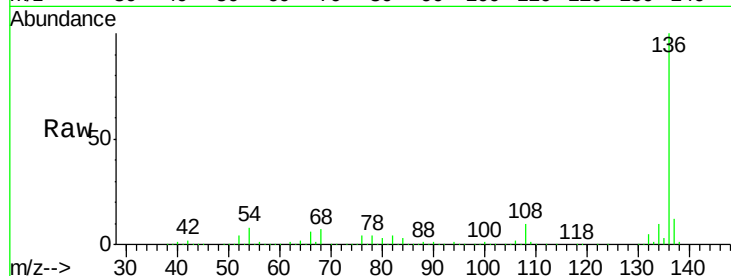




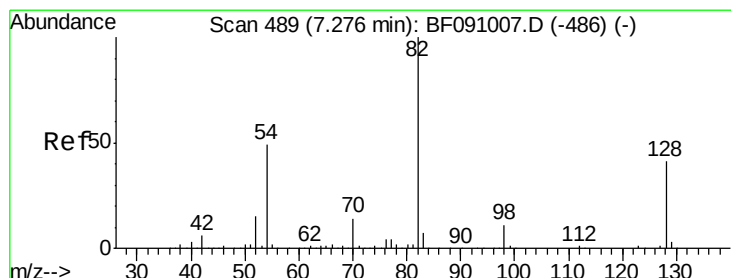
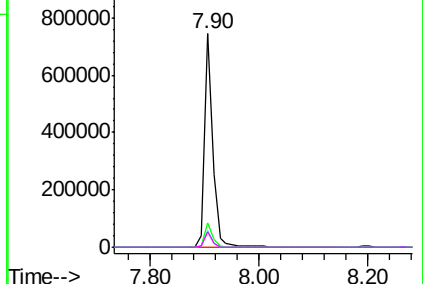
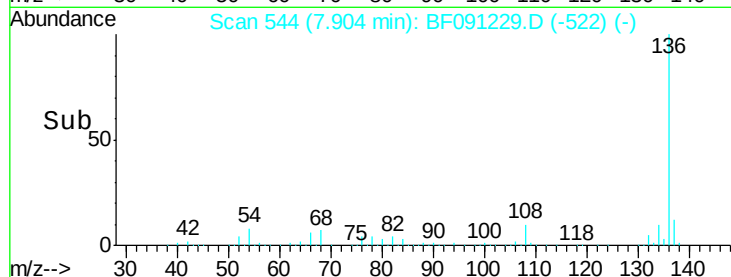
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.05 min
Lab File: BF091229.D
Acq: 17 Nov 2016 23:00

Instrument :
BNA_F
ClientSampled :
WQ-5W

Tgt Ion:	136	Resp:	780041
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.8	6.2	9.2
68	7.4	5.5	8.3

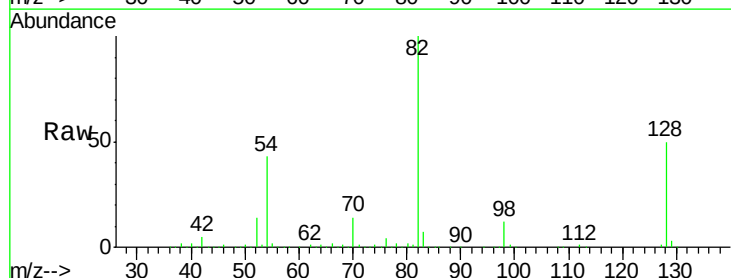


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

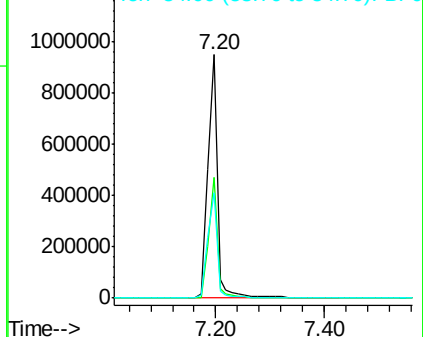
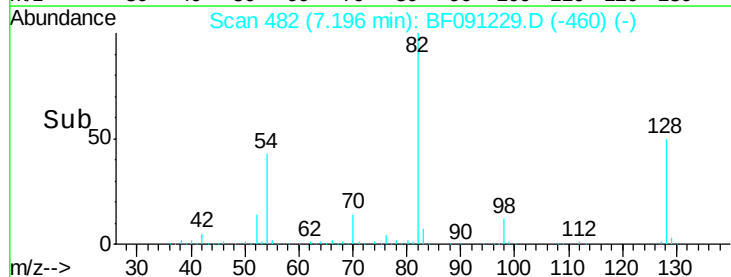


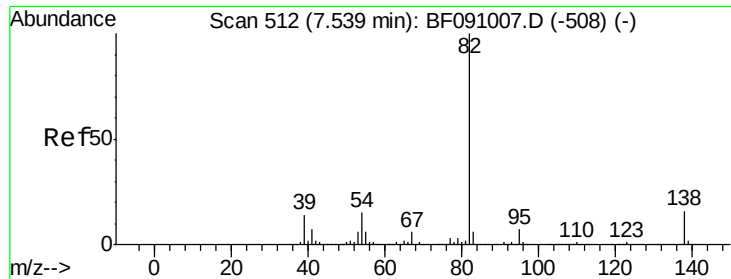
#23
Nitrobenzene-d5
Concen: 80.33 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF091229.D
Acq: 17 Nov 2016 23:00

Tgt Ion:	82	Resp:	1148604
Ion	Ratio	Lower	Upper
82	100		
128	49.8	32.4	48.6#
54	43.0	39.2	58.8



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





#25

Isophorone

Concen: 40.48 ng

RT: 7.20 min Scan# 482

Delta R.T. -0.30 min

Lab File: BF091229.D

Acq: 17 Nov 2016 23:00

Instrument :

BNA_F

ClientSampleId :

WQ-5W

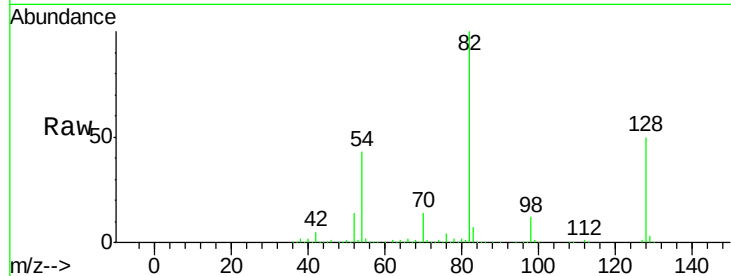
Tgt Ion: 82 Resp: 1115374

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

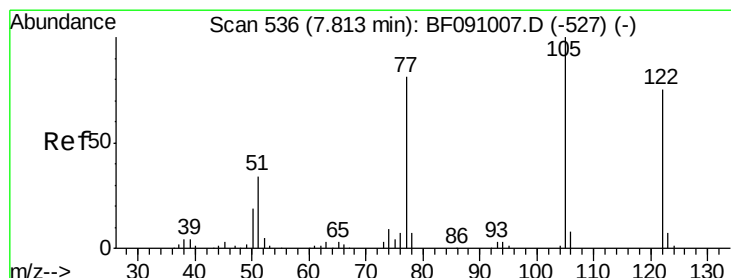
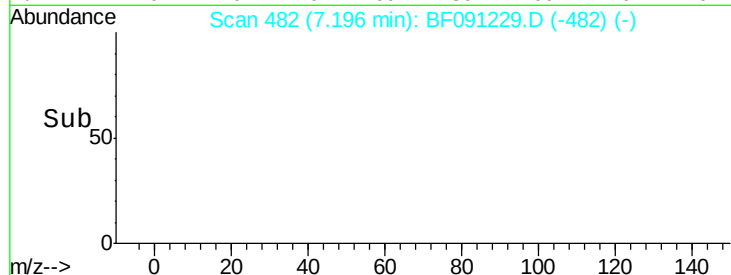
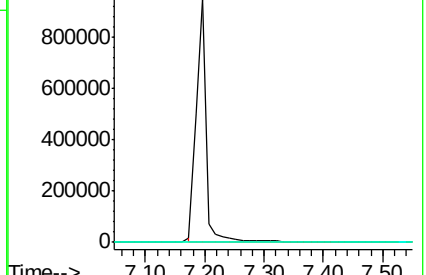
138 0.0 13.0 19.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#32

Benzoic acid

Concen: 5.13 ng

RT: 7.74 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF091229.D

Acq: 17 Nov 2016 23:00

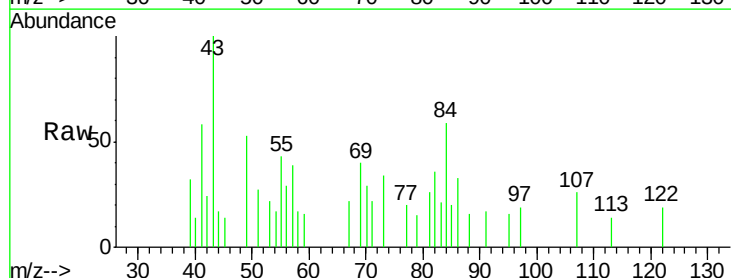
Tgt Ion: 122 Resp: 505

Ion Ratio Lower Upper

122 100

105 0.0 105.9 145.9#

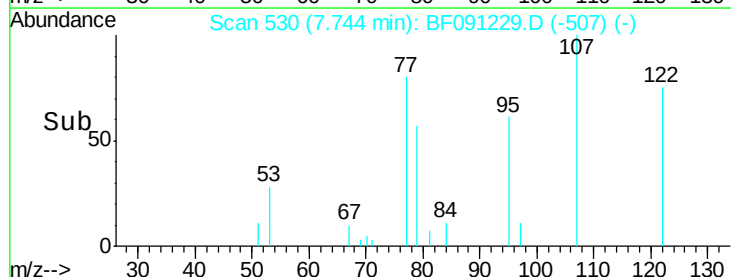
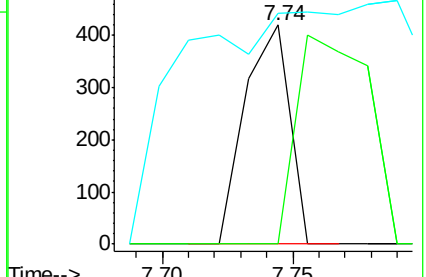
77 105.7 84.0 124.0

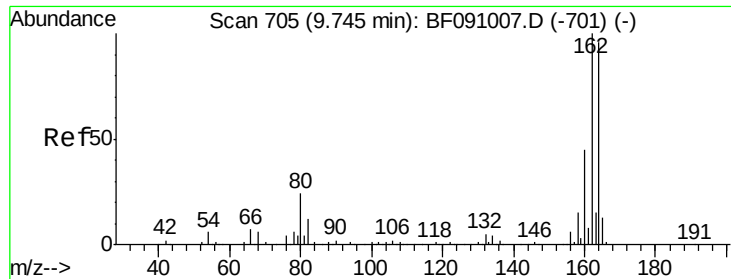


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

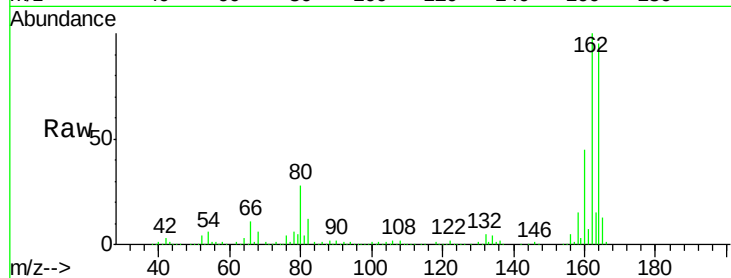




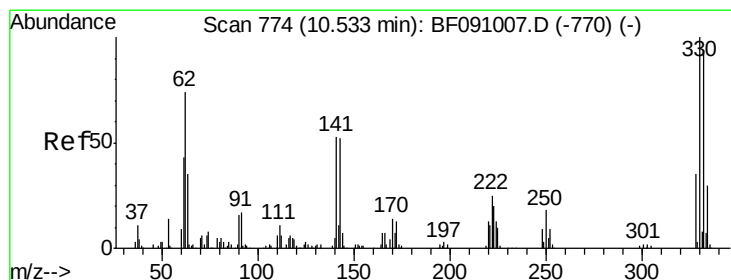
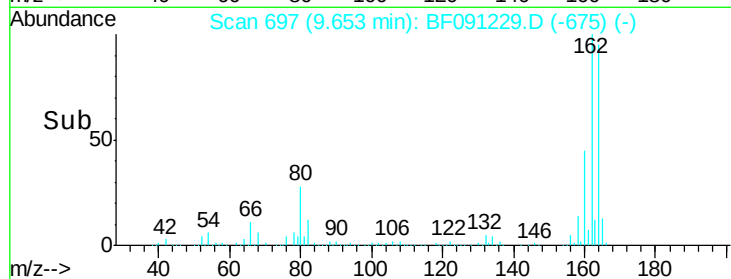
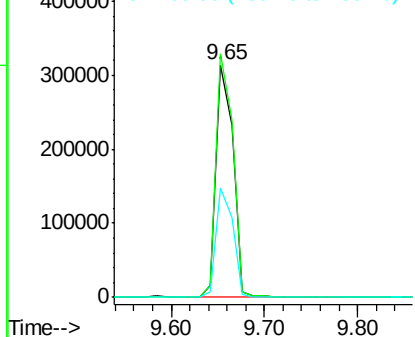
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF091229.D
Acq: 17 Nov 2016 23:00

Instrument :
BNA_F
ClientSampleId :
WQ-5W

Tgt Ion:164 Resp: 397656
Ion Ratio Lower Upper
164 100
162 104.8 83.6 125.4
160 47.0 37.9 56.9

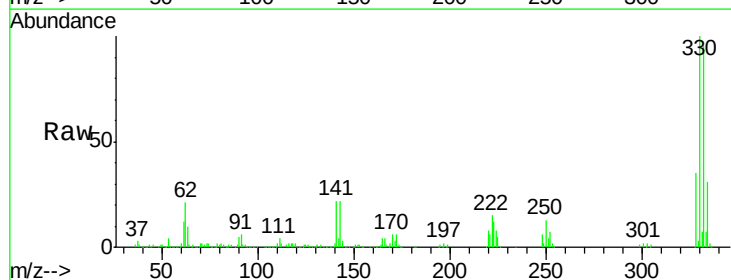


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

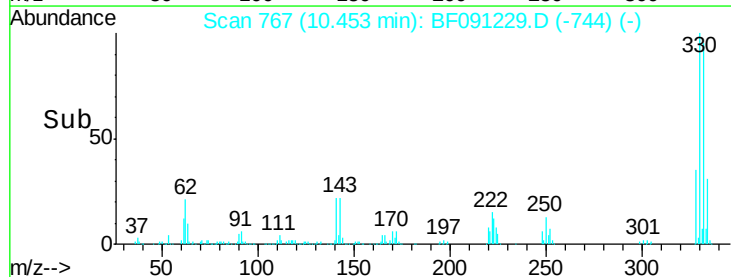
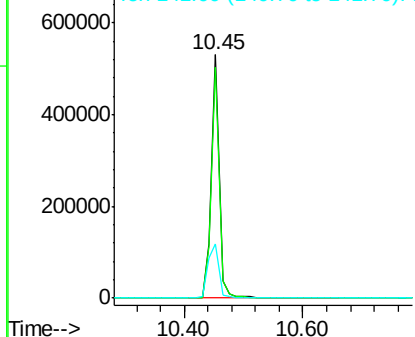


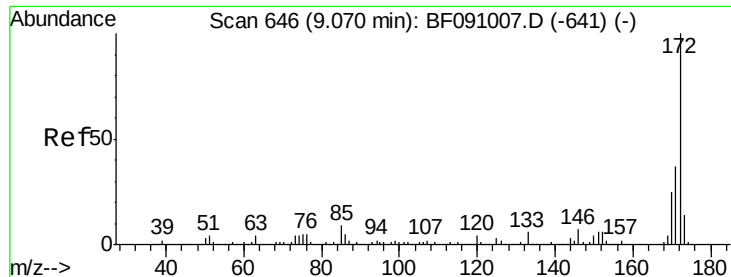
#41
2,4,6-Tribromophenol
Concen: 136.67 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF091229.D
Acq: 17 Nov 2016 23:00

Tgt Ion:330 Resp: 491338
Ion Ratio Lower Upper
330 100
332 95.5 75.9 113.9
141 31.0 36.1 54.1#



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

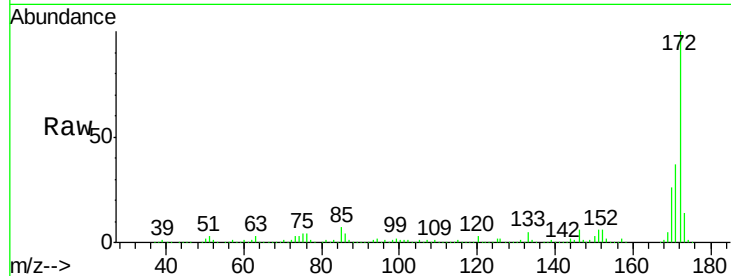




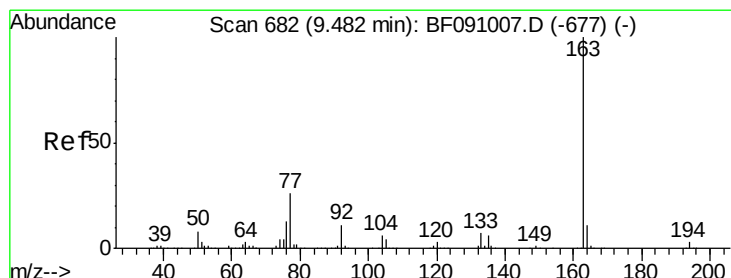
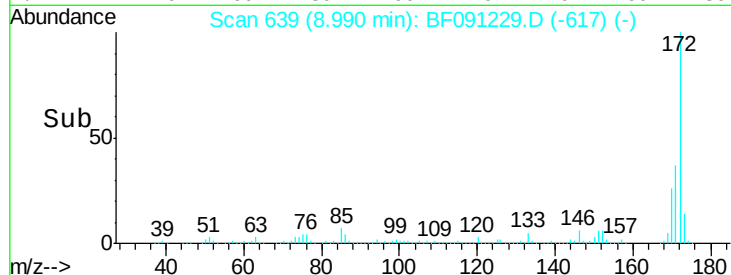
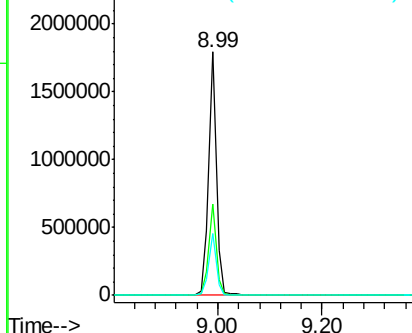
#44
 2-Fluorobiphenyl
 Concen: 80.86 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091229.D
 Acq: 17 Nov 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 WQ-5W

Tgt Ion:172 Resp: 1867628
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 25.7 20.3 30.5

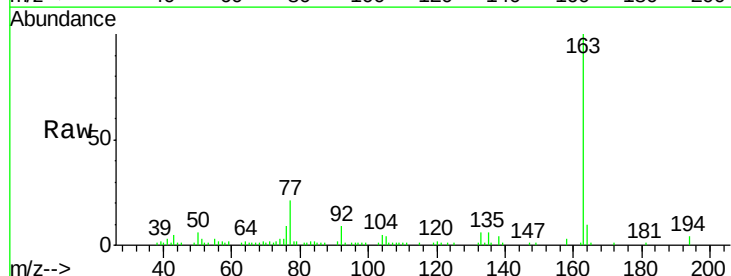


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

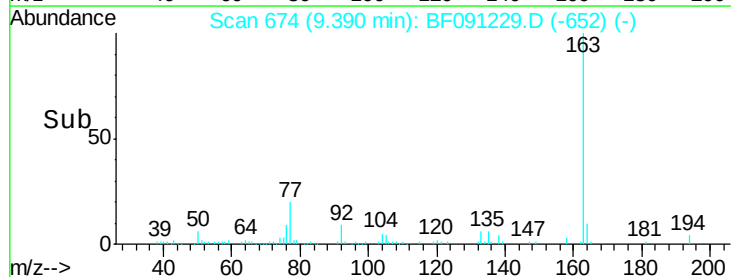
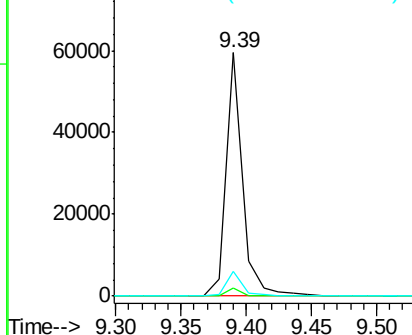


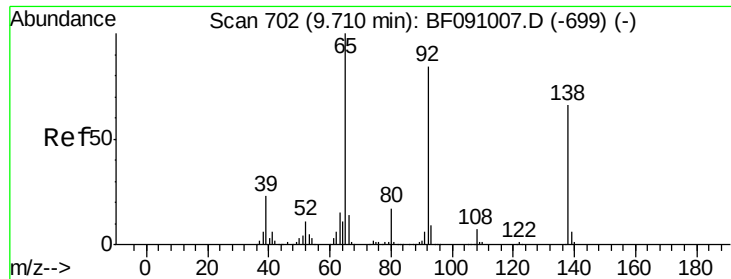
#49
 Dimethylphthalate
 Concen: 2.01 ng
 RT: 9.39 min Scan# 674
 Delta R.T. -0.05 min
 Lab File: BF091229.D
 Acq: 17 Nov 2016 23:00

Tgt Ion:163 Resp: 52375
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 10.0 8.7 13.1



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

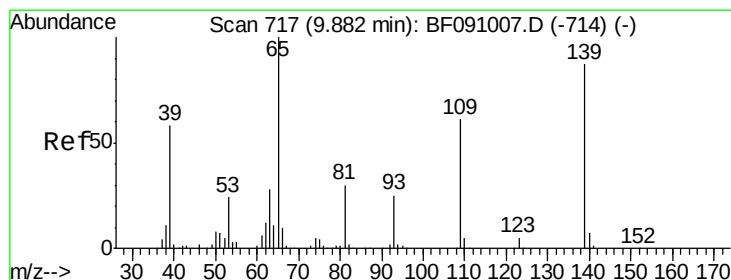
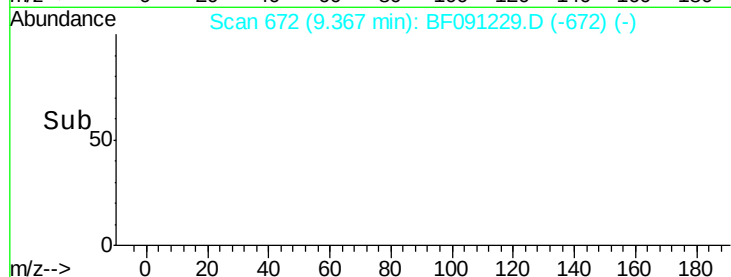
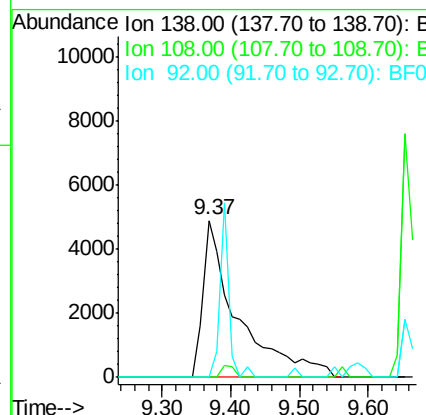
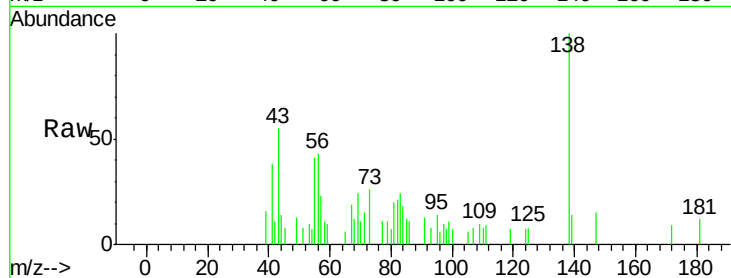




#52
 3-Nitroaniline
 Concen: 2.57 ng
 RT: 9.37 min Scan# 672
 Delta R.T. -0.30 min
 Lab File: BF091229.D
 Acq: 17 Nov 2016 23:00

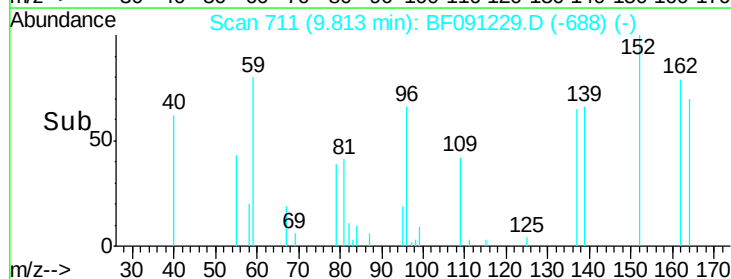
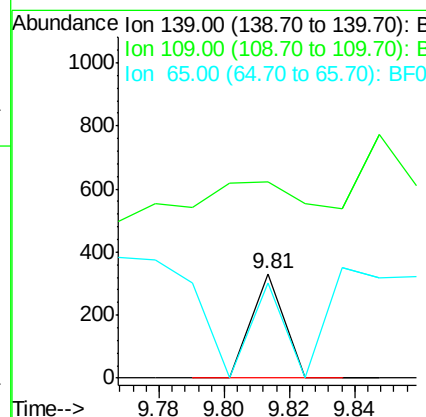
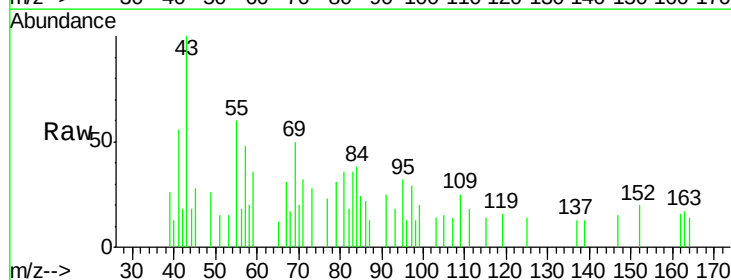
Instrument :
 BNA_F
 ClientSampleId :
 WQ-5W

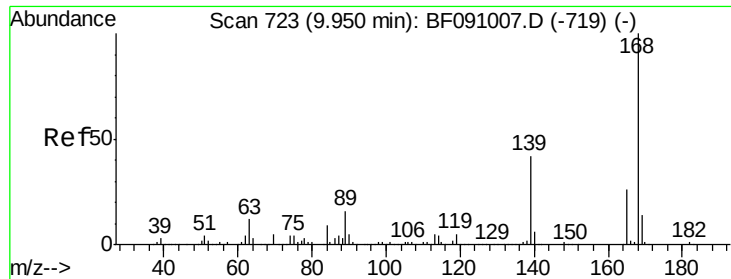
Tgt Ion:138 Resp: 17008
 Ion Ratio Lower Upper
 138 100
 108 0.0 8.4 12.6#
 92 0.0 101.1 151.7#



#55
 4-Nitrophenol
 Concen: 5.78 ng
 RT: 9.81 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF091229.D
 Acq: 17 Nov 2016 23:00

Tgt Ion:139 Resp: 227
 Ion Ratio Lower Upper
 139 100
 109 187.9 50.5 90.5#
 65 91.2 97.1 137.1#

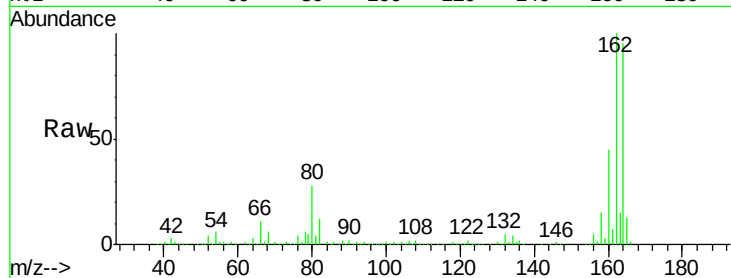




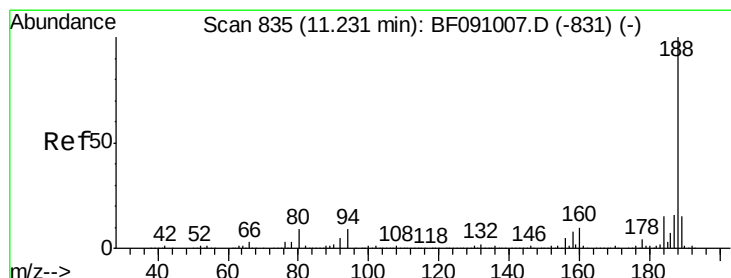
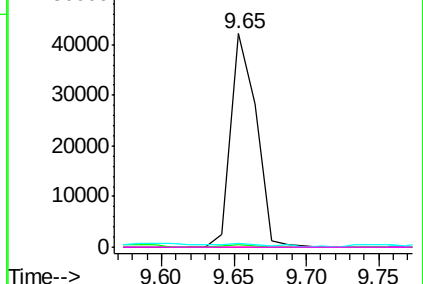
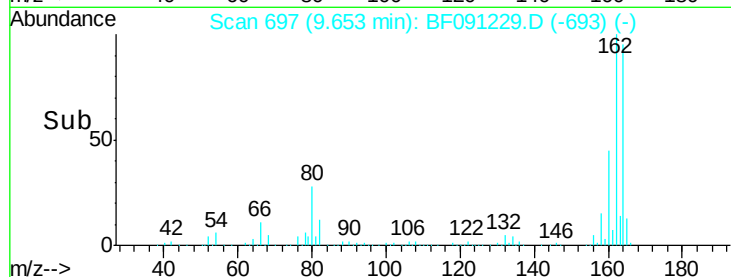
#56
 2,4-Dinitrotoluene
 Concen: 7.22 ng
 RT: 9.65 min Scan# 697
 Delta R.T. -0.25 min
 Lab File: BF091229.D
 Acq: 17 Nov 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 WQ-5W

Tgt Ion:165 Resp: 51319
 Ion Ratio Lower Upper
 165 100
 63 1.4 38.7 58.1#
 89 2.0 50.6 76.0#
 182 0.0 1.8 2.8#

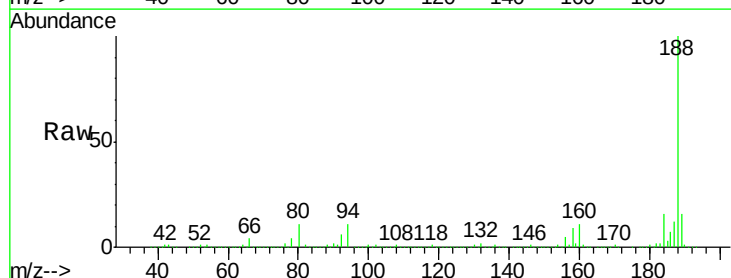


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

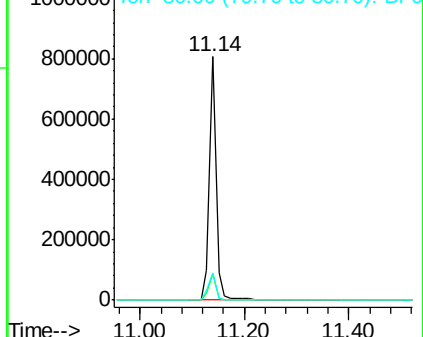
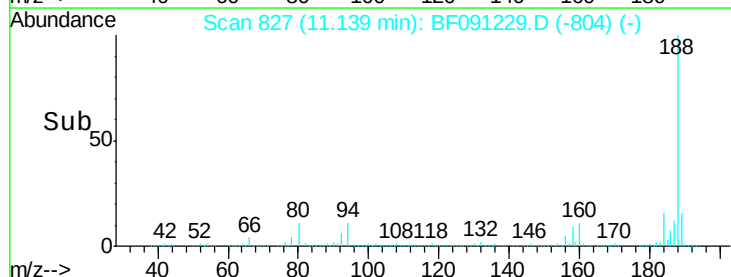


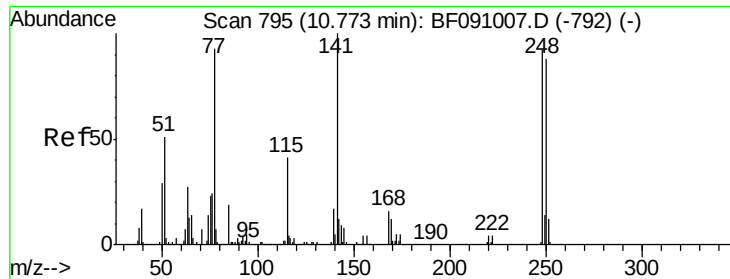
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF091229.D
 Acq: 17 Nov 2016 23:00

Tgt Ion:188 Resp: 716019
 Ion Ratio Lower Upper
 188 100
 94 10.7 7.0 10.4#
 80 11.4 7.5 11.3#



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

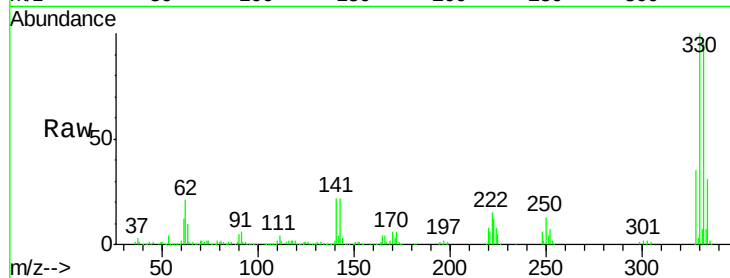




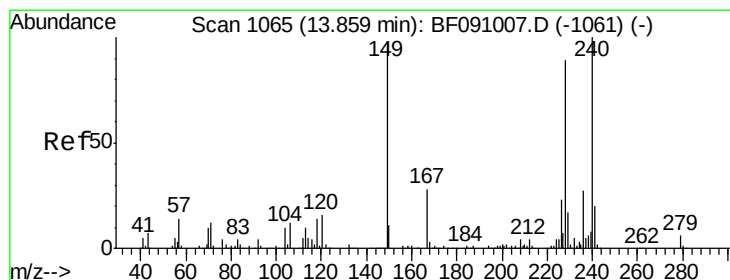
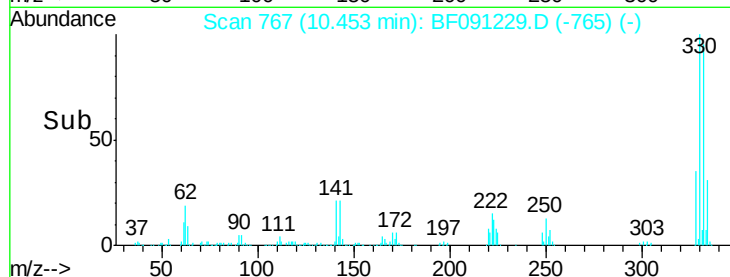
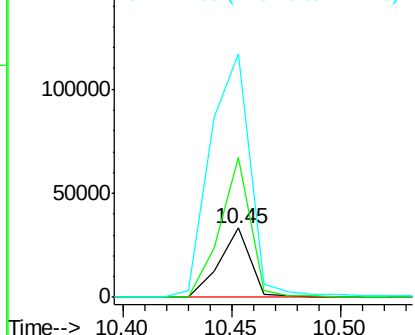
#66
 4-Bromophenyl-phenylether
 Concen: 4.39 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.27 min
 Lab File: BF091229.D
 Acq: 17 Nov 2016 23:00

Instrument :
 BNA_F
 ClientSampleId :
 WQ-5W

Tgt Ion:248 Resp: 32720
 Ion Ratio Lower Upper
 248 100
 250 201.8 76.3 114.5#
 141 350.4 86.8 130.2#

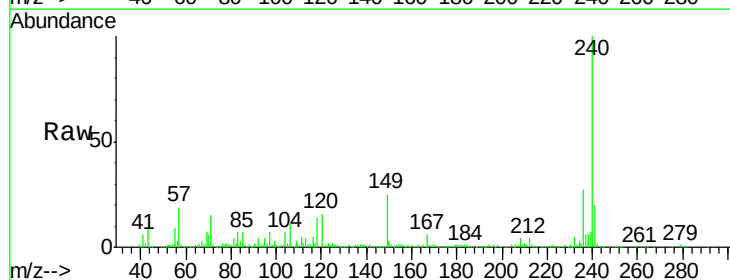


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

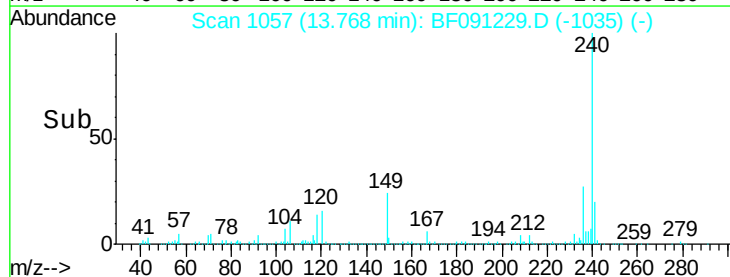
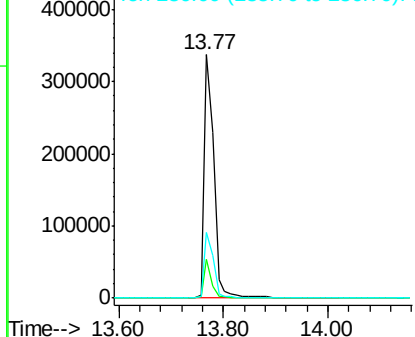


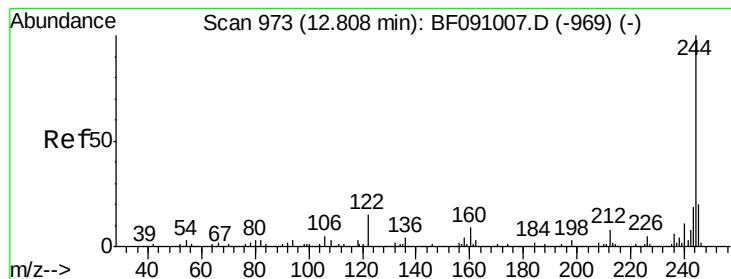
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.77 min Scan# 1057
 Delta R.T. -0.05 min
 Lab File: BF091229.D
 Acq: 17 Nov 2016 23:00

Tgt Ion:240 Resp: 436617
 Ion Ratio Lower Upper
 240 100
 120 15.8 12.9 19.3
 236 27.2 21.9 32.9



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: 102.65 ng

RT: 12.73 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF091229.D

Acq: 17 Nov 2016 23:00

Instrument :

BNA_F

ClientSampleId :

WQ-5W

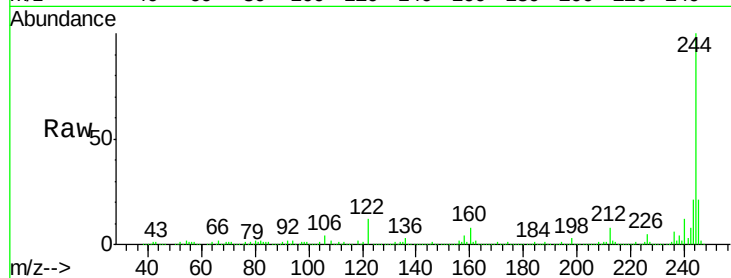
Tgt Ion:244 Resp: 1796102

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

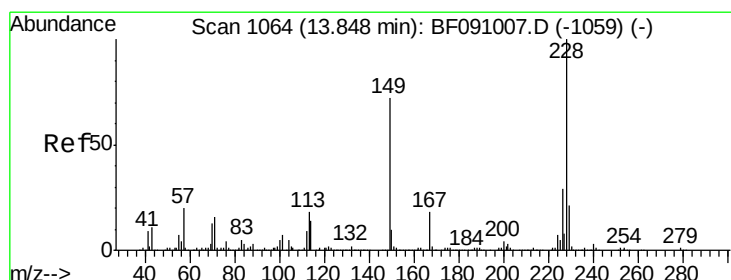
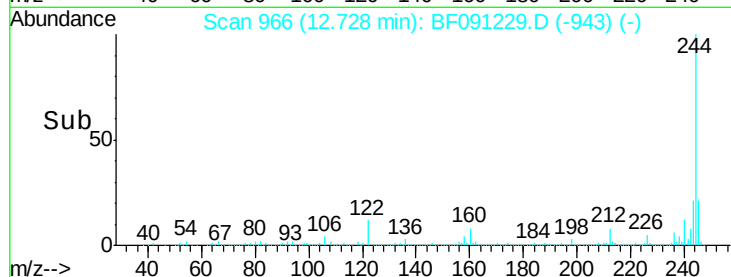
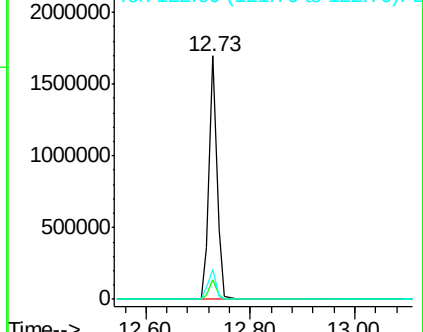
122 12.2 12.3 18.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.57 ng

RT: 13.77 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BF091229.D

Acq: 17 Nov 2016 23:00

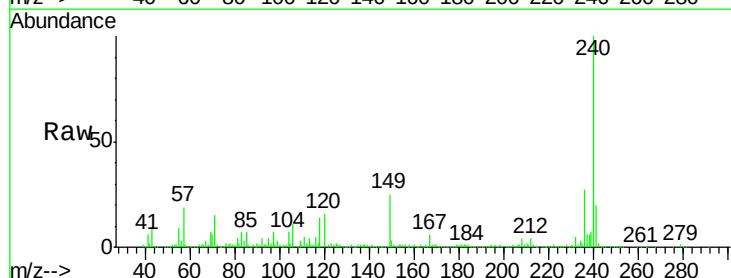
Tgt Ion:149 Resp: 84603

Ion Ratio Lower Upper

149 100

167 25.0 20.4 30.6

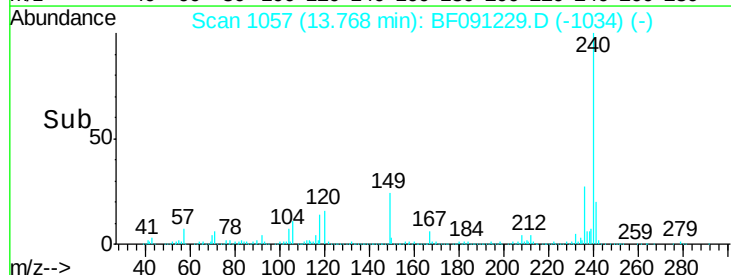
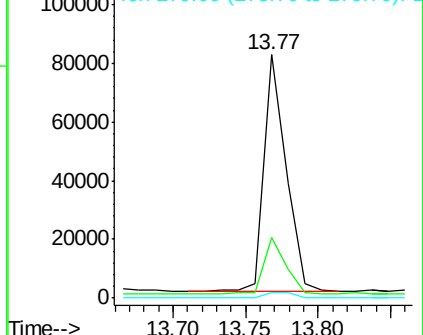
279 2.4 1.6 2.4

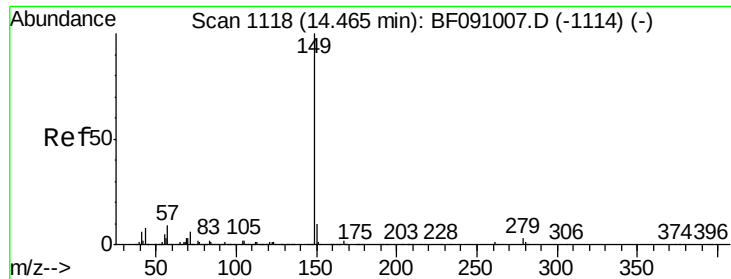


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 2.30 ng

RT: 14.39 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BF091229.D

Acq: 17 Nov 2016 23:00

Instrument :

BNA_F

ClientSampled :

WQ-5W

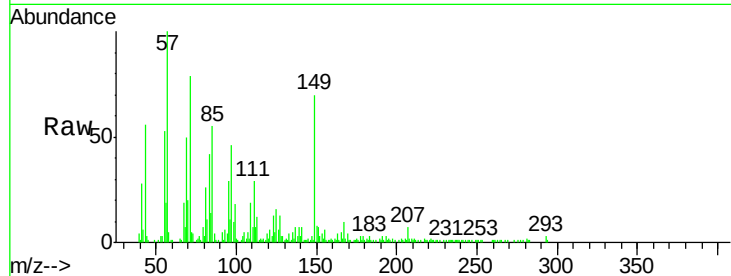
Tgt Ion:149 Resp: 70058

Ion Ratio Lower Upper

149 100

167 12.4 1.2 1.8#

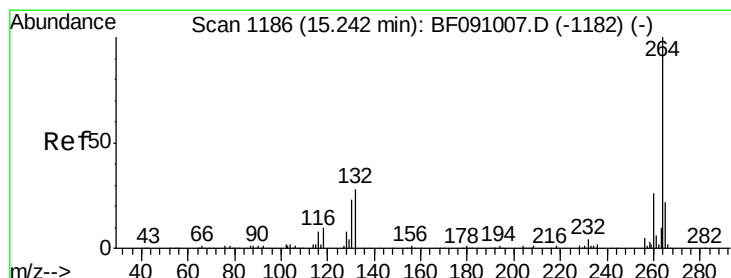
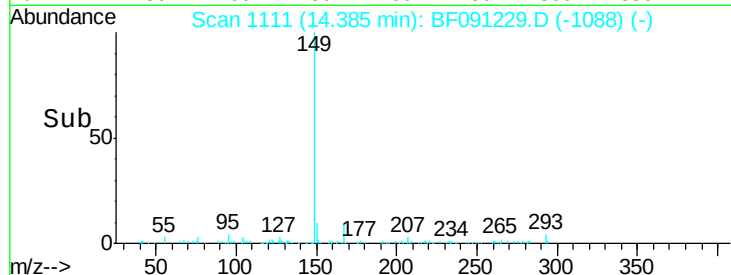
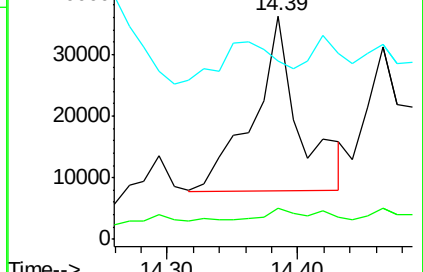
43 0.0 8.2 12.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.14 min Scan# 1177

Delta R.T. -0.05 min

Lab File: BF091229.D

Acq: 17 Nov 2016 23:00

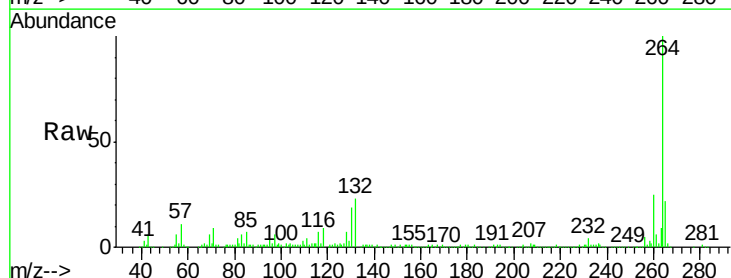
Tgt Ion:264 Resp: 346353

Ion Ratio Lower Upper

264 100

260 24.5 20.6 30.8

265 21.9 17.8 26.8



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

