

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
 Data File : BF091211.D
 Acq On : 17 Nov 2016 13:44
 Operator : UM/SJ
 Sample : H5659-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA12-AA13-AA12A-AA1

Quant Time: Nov 18 03:04:27 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

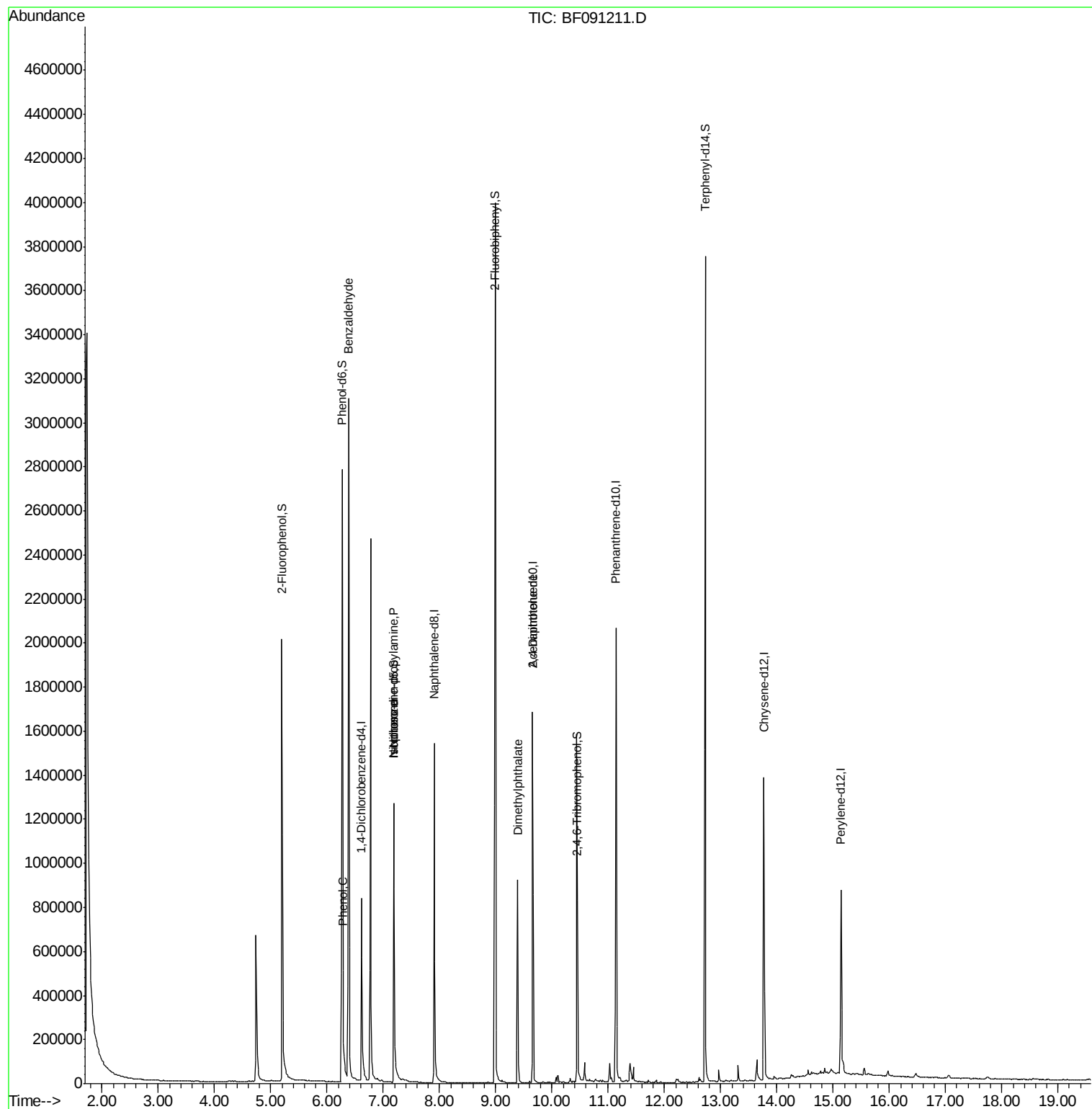
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	185996	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	817897	20.00	ng	-0.05
38) Acenaphthene-d10	9.65	164	425124	20.00	ng	-0.05
63) Phenanthrene-d10	11.14	188	736486	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	481074	20.00	ng	-0.05
86) Perylene-d12	15.14	264	338357	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	790115	70.16	ng	-0.05
7) Phenol-d6	6.27	99	1067434	69.83	ng	-0.05
23) Nitrobenzene-d5	7.18	82	690521	46.06	ng	-0.06
41) 2,4,6-Tribromophenol	10.45	330	223975	58.28	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	1316454	53.31	ng	-0.05
78) Terphenyl-d14	12.73	244	1252251	64.96	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.38	77	19804	2.33	ng	86
10) Phenol	6.28	94	42566	2.52	ng	# 72
19) n-Nitroso-di-n-propylamine	7.18	70	90748	8.57	ng	# 79
25) Isophorone	7.18	82	668645	23.14	ng	# 67
49) Dimethylphthalate	9.39	163	376931	13.52	ng	99
56) 2,4-Dinitrotoluene	9.65	165	55418	7.29	ng	# 26

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

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FK-BPM-01-AA12-AA13-AA12A-AA1

Quant Time: Nov 18 03:04:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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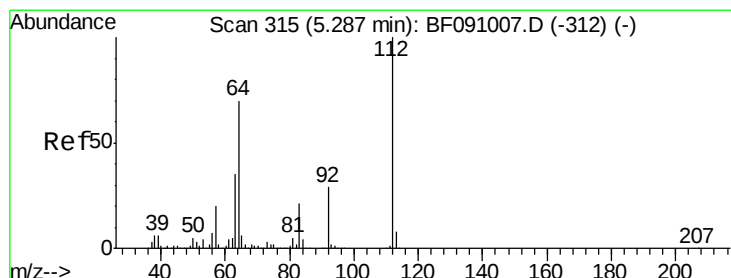
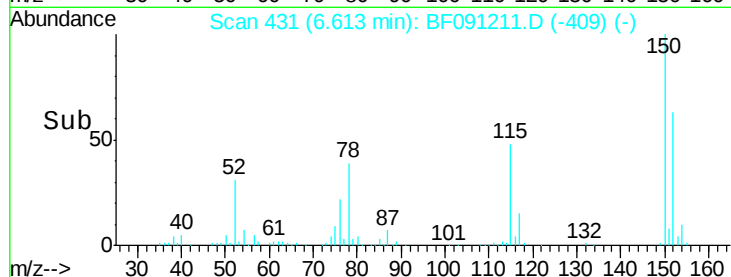
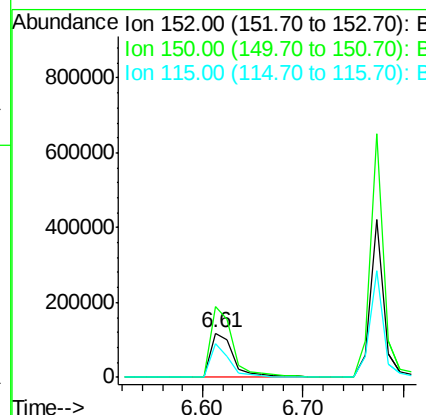
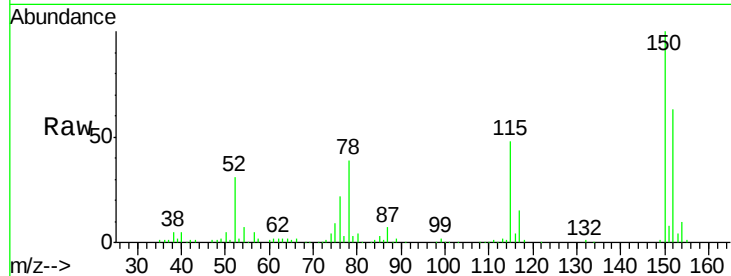




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.61 min Scan# 431
 Delta R.T. -0.05 min
 Lab File: BF091211.D
 Acq: 17 Nov 2016 13:44

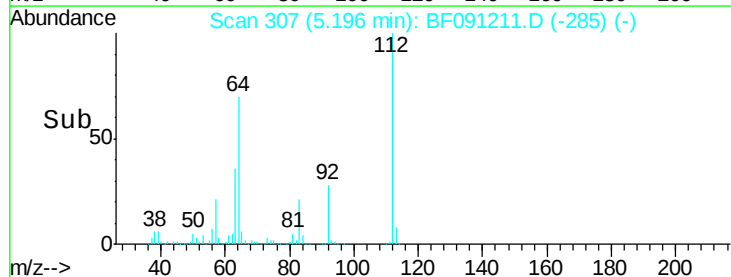
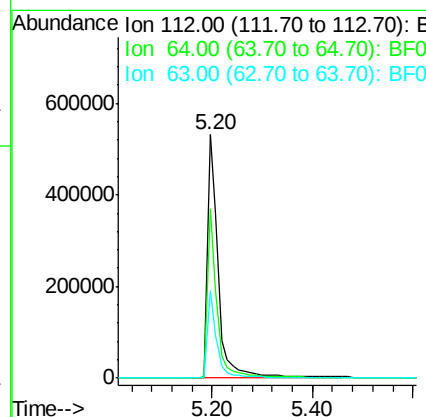
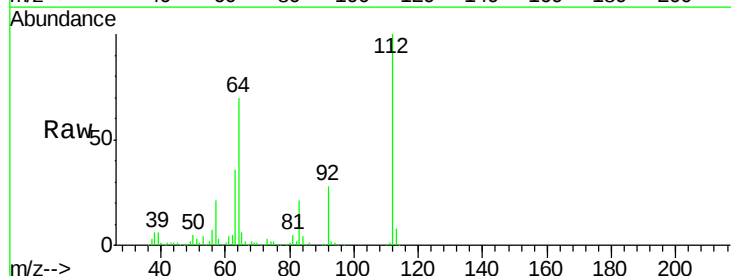
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA12-AA13-AA12A-AA1

Tgt Ion:152 Resp: 185996
 Ion Ratio Lower Upper
 152 100
 150 159.2 126.8 190.2
 115 75.7 53.3 79.9



#5
 2-Fluorophenol
 Concen: 70.16 ng
 RT: 5.20 min Scan# 307
 Delta R.T. -0.05 min
 Lab File: BF091211.D
 Acq: 17 Nov 2016 13:44

Tgt Ion:112 Resp: 790115
 Ion Ratio Lower Upper
 112 100
 64 69.7 55.8 83.6
 63 35.7 28.0 42.0





#7

Phenol-d6

Concen: 69.83 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091211.D

Acq: 17 Nov 2016 13:44

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA12-AA13-AA12A-AA1

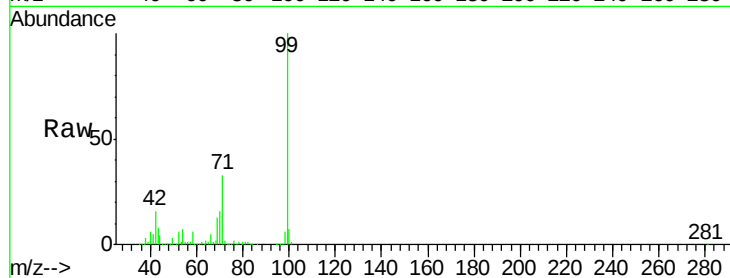
Tgt Ion: 99 Resp: 1067434

Ion Ratio Lower Upper

99 100

42 16.0 13.9 20.9

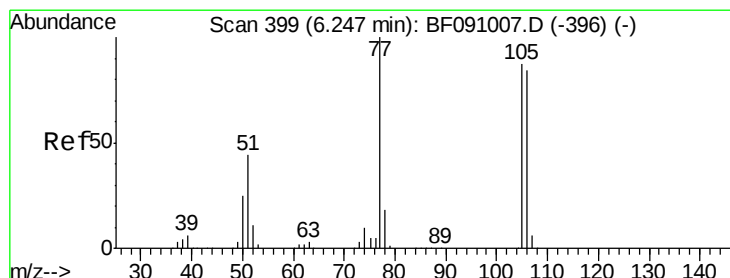
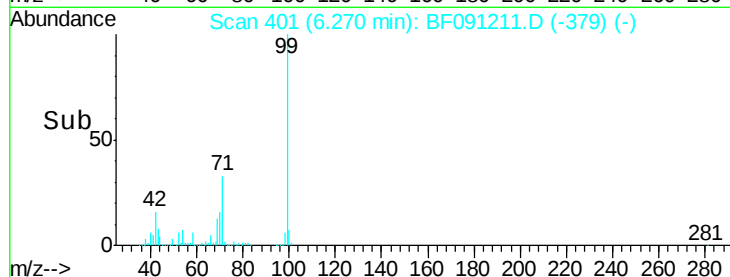
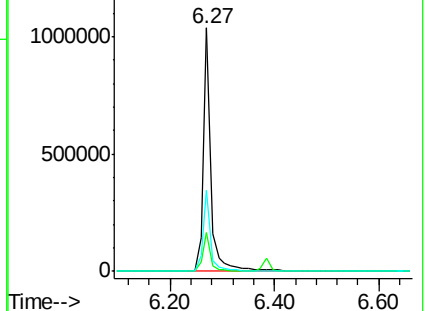
71 33.2 27.8 41.8



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: 2.33 ng

RT: 6.38 min Scan# 411

Delta R.T. 0.18 min

Lab File: BF091211.D

Acq: 17 Nov 2016 13:44

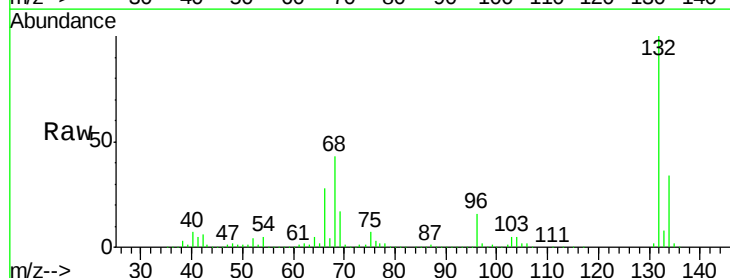
Tgt Ion: 77 Resp: 19804

Ion Ratio Lower Upper

77 100

105 78.4 66.8 106.8

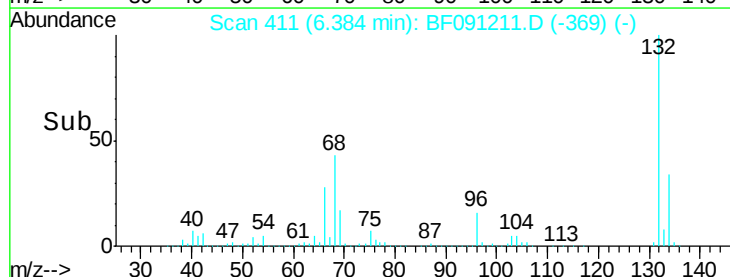
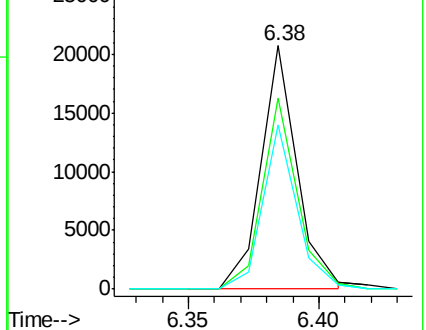
106 67.6 64.0 104.0

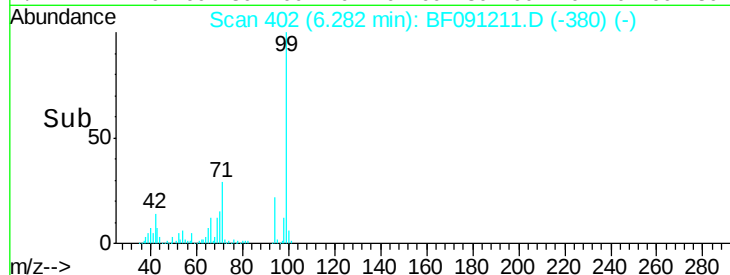
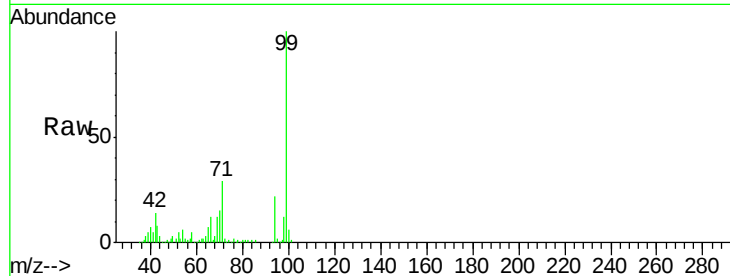
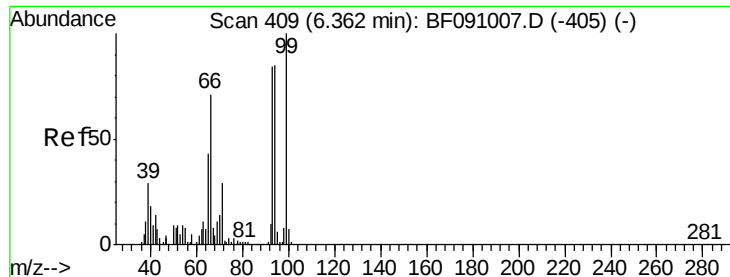


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 2.52 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.05 min

Lab File: BF091211.D

Acq: 17 Nov 2016 13:44

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA12-AA13-AA12A-AA1

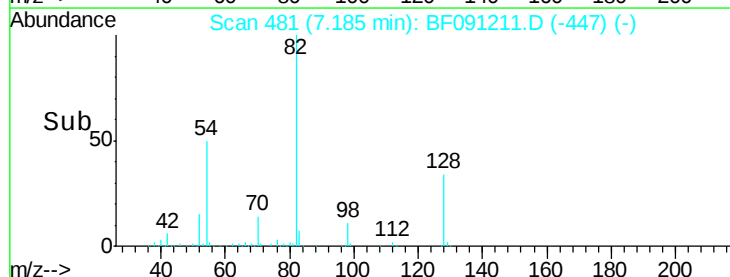
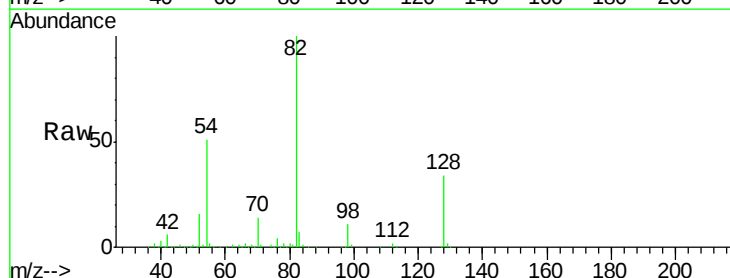
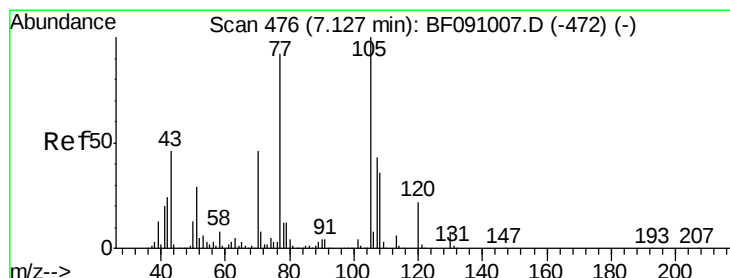
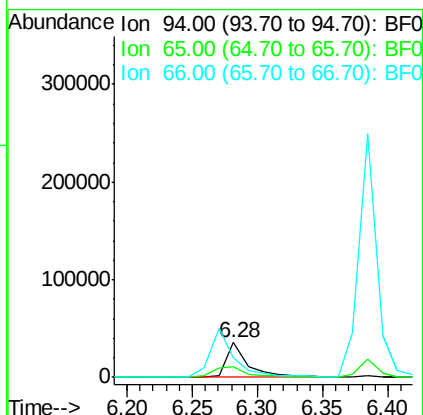
Tgt Ion: 94 Resp: 42566

Ion Ratio Lower Upper

94 100

65 31.6 30.4 70.4

66 56.7 62.9 102.9#



#19

n-Nitroso-di-n-propylamine

Concen: 8.57 ng

RT: 7.18 min Scan# 481

Delta R.T. 0.09 min

Lab File: BF091211.D

Acq: 17 Nov 2016 13:44

Tgt Ion: 70 Resp: 90748

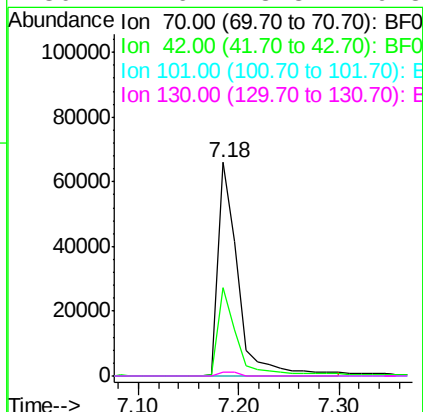
Ion Ratio Lower Upper

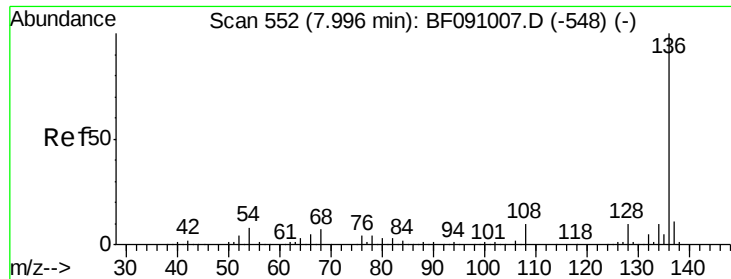
70 100

42 41.6 41.7 62.5#

101 0.0 6.7 10.1#

130 1.6 13.8 20.8#

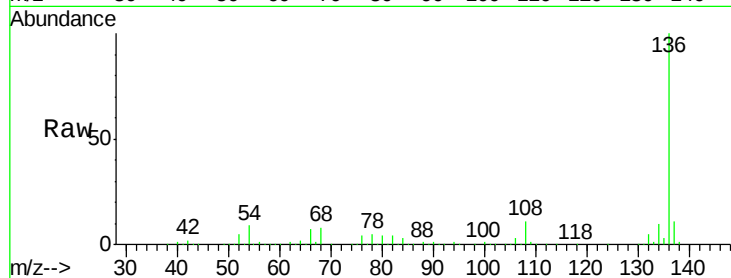




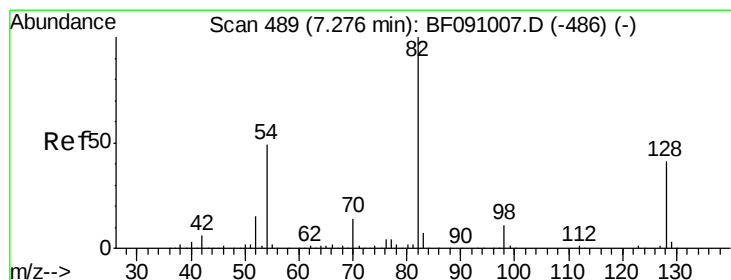
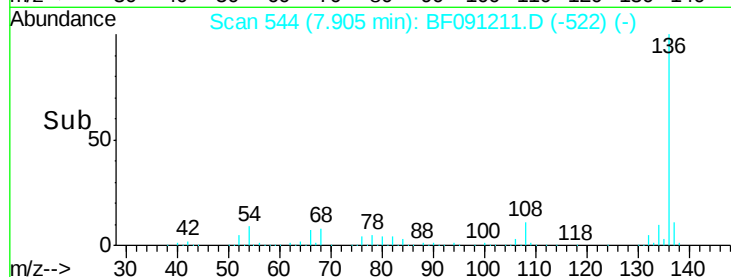
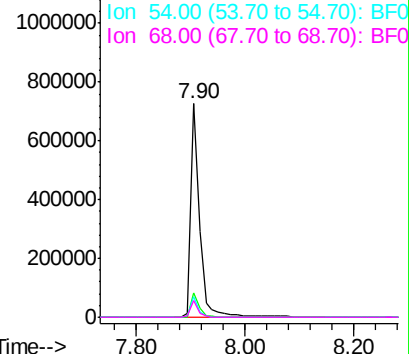
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.05 min
Lab File: BF091211.D
Acq: 17 Nov 2016 13:44

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA12-AA13-AA12A-AA1

Tgt Ion:	136	Resp:	817897
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.4	6.2	9.2#
68	7.9	5.5	8.3

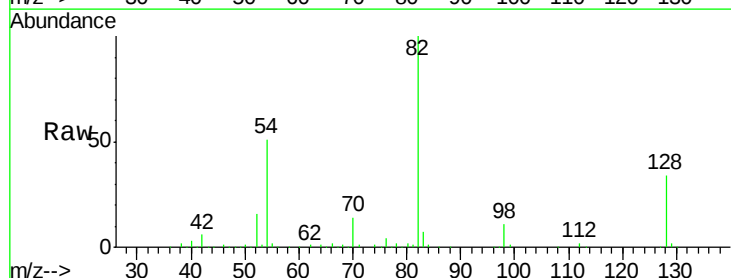


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

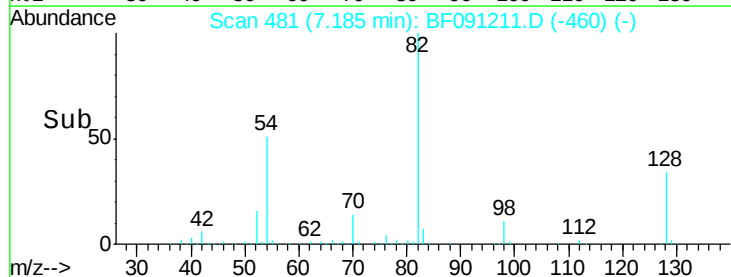
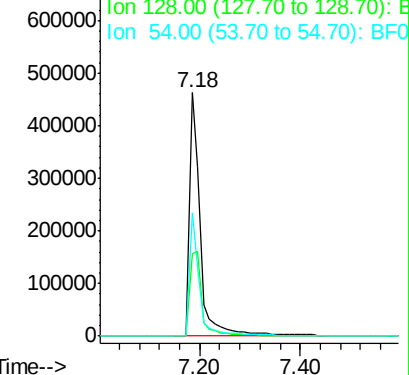


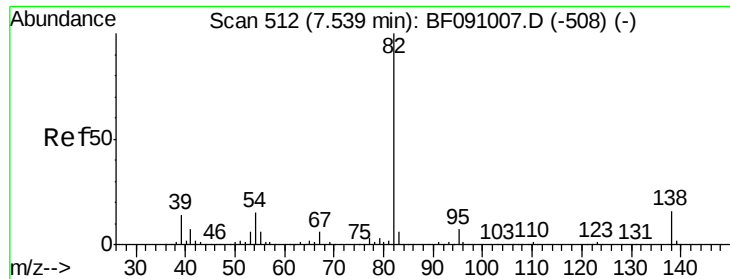
#23
Nitrobenzene-d5
Concen: 46.06 ng
RT: 7.18 min Scan# 481
Delta R.T. -0.06 min
Lab File: BF091211.D
Acq: 17 Nov 2016 13:44

Tgt Ion:	82	Resp:	690521
Ion	Ratio	Lower	Upper
82	100		
128	33.7	32.4	48.6
54	50.6	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: 23.14 ng

RT: 7.18 min Scan# 481

Delta R.T. -0.31 min

Lab File: BF091211.D

Acq: 17 Nov 2016 13:44

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA12-AA13-AA12A-AA1

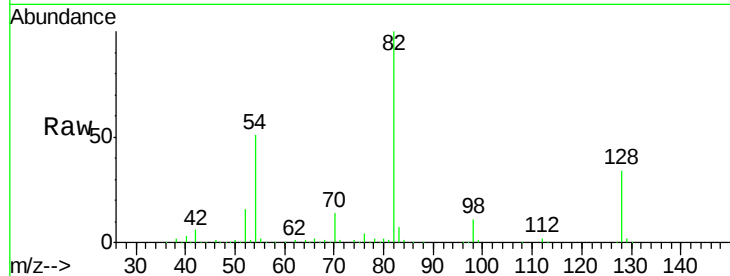
Tgt Ion: 82 Resp: 668645

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

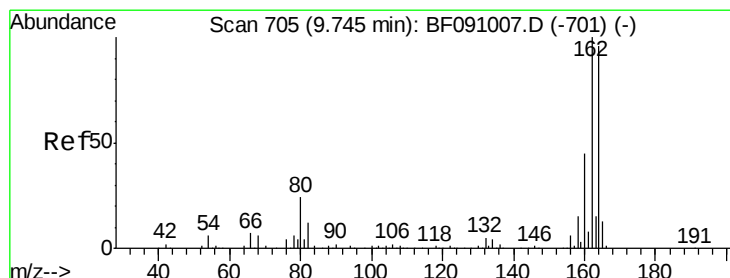
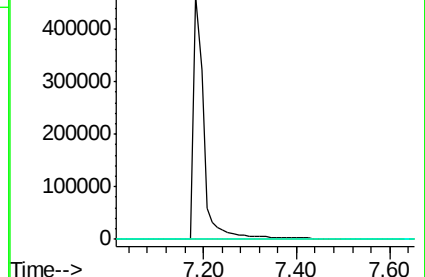
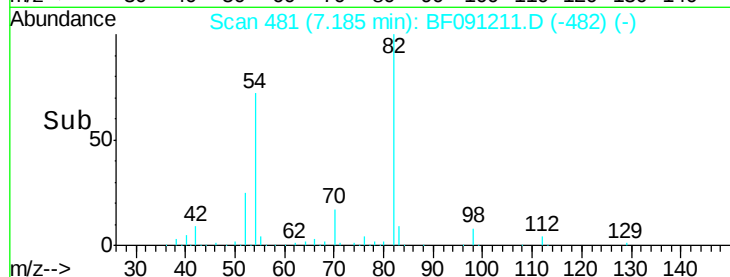
138 0.0 13.0 19.4#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.65 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF091211.D

Acq: 17 Nov 2016 13:44

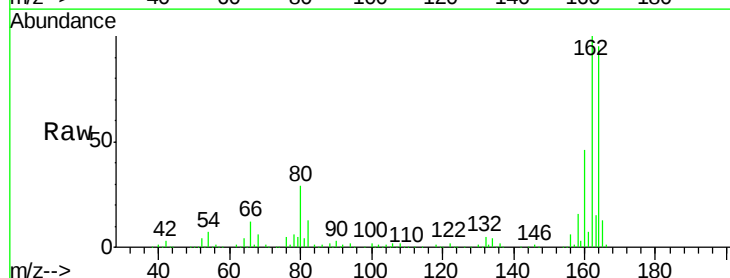
Tgt Ion: 164 Resp: 425124

Ion Ratio Lower Upper

164 100

162 105.4 83.6 125.4

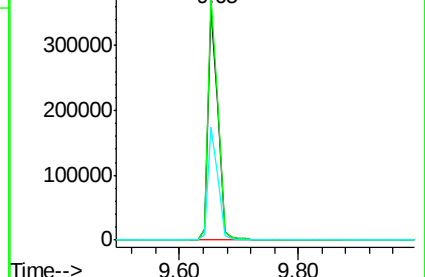
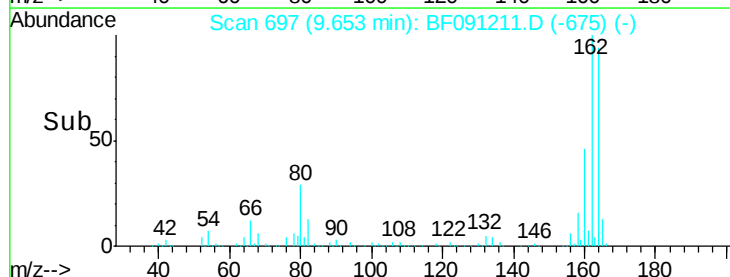
160 48.9 37.9 56.9

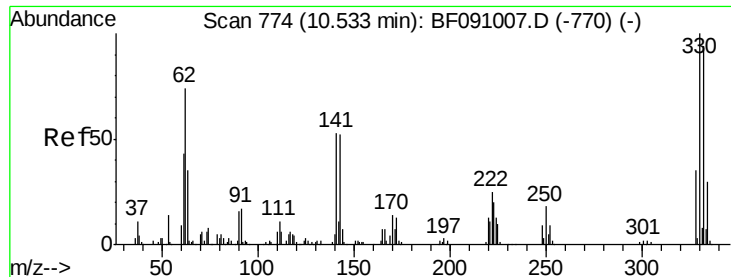


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

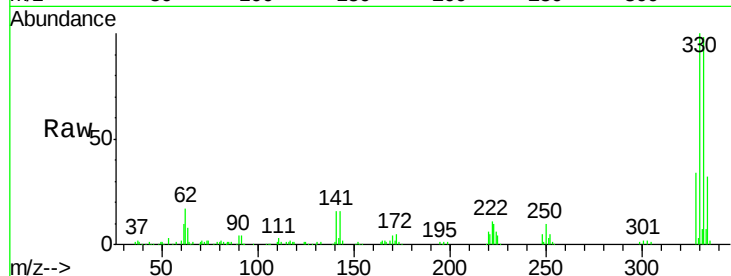




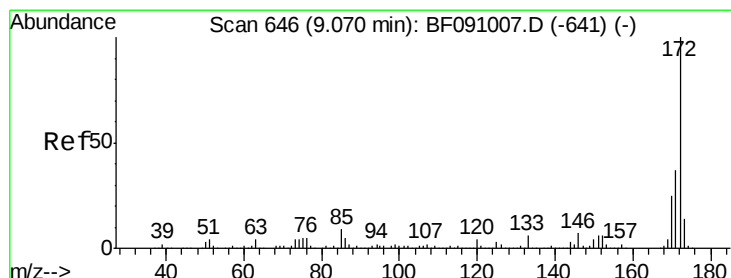
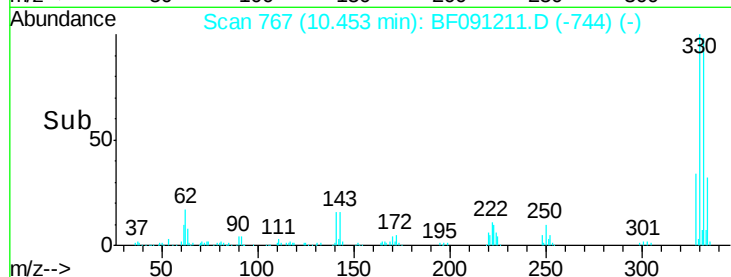
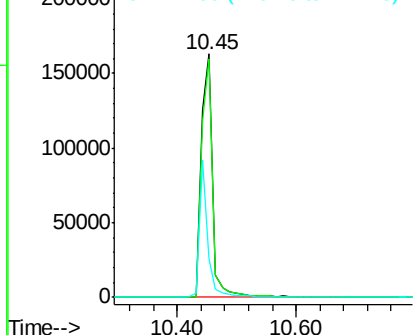
#41
 2,4,6-Tribromophenol
 Concen: 58.28 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF091211.D
 Acq: 17 Nov 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA12-AA13-AA12A-AA1

Tgt Ion:330 Resp: 223975
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.9 113.9
 141 41.5 36.1 54.1

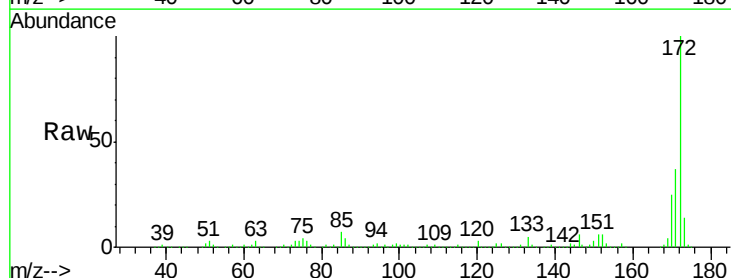


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

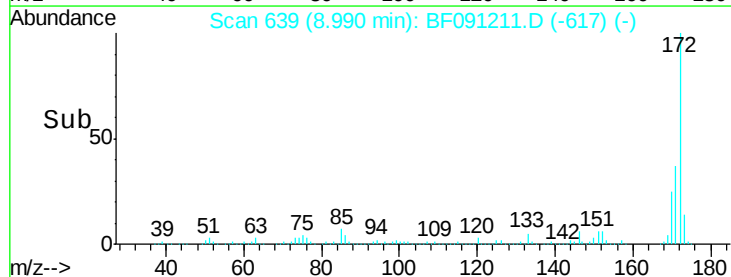
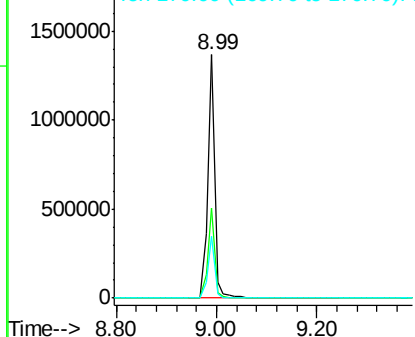


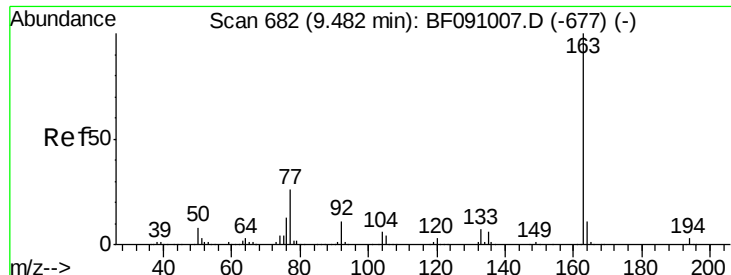
#44
 2-Fluorobiphenyl
 Concen: 53.31 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091211.D
 Acq: 17 Nov 2016 13:44

Tgt Ion:172 Resp: 1316454
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 25.2 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

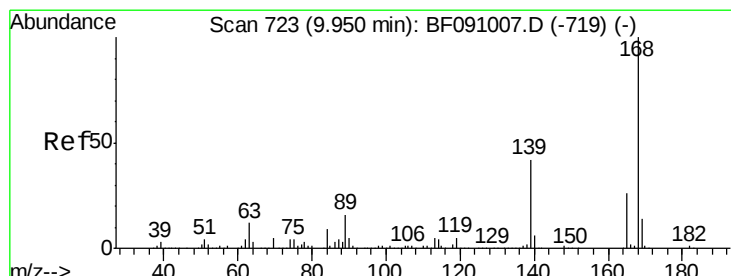
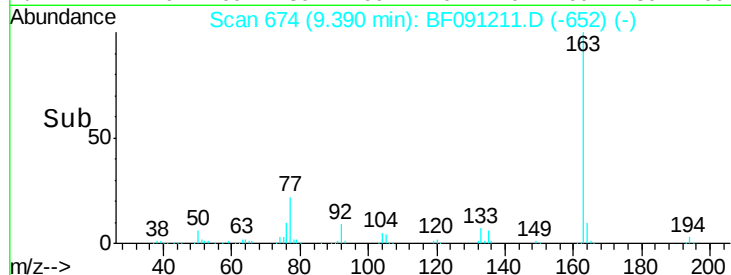
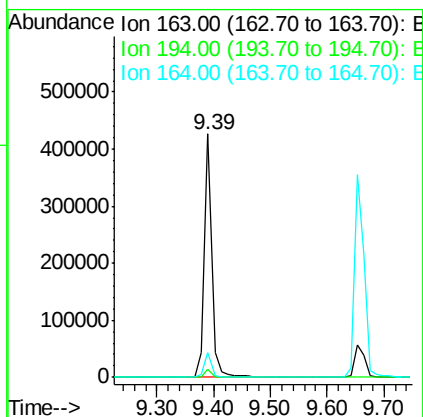
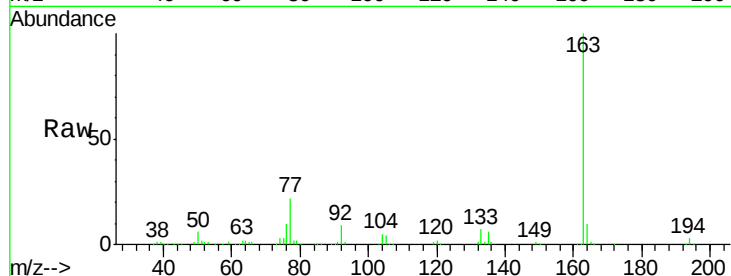




#49
Dimethylphthalate
Concen: 13.52 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.05 min
Lab File: BF091211.D
Acq: 17 Nov 2016 13:44

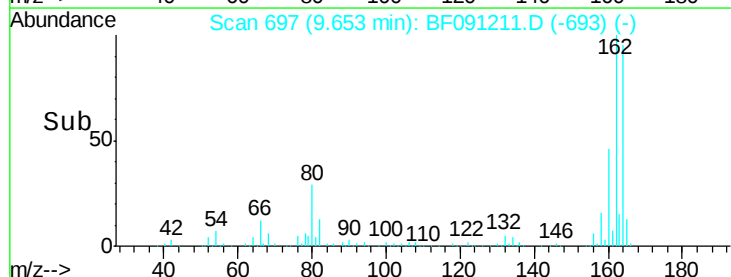
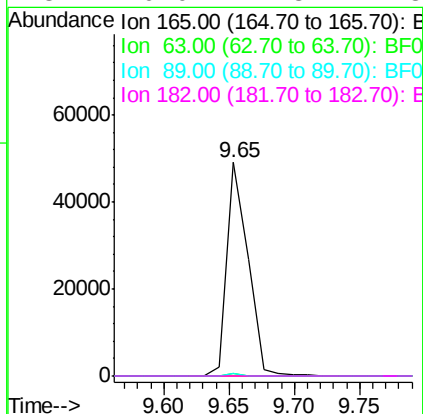
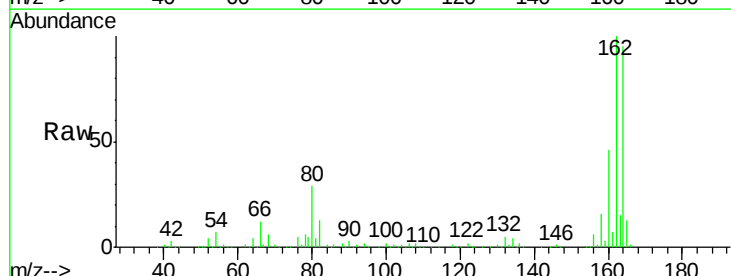
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-AA12-AA13-AA12A-AA1

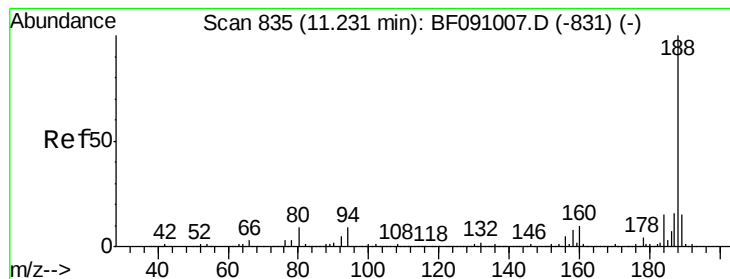
Tgt Ion:163 Resp: 376931
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.3 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 7.29 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.25 min
Lab File: BF091211.D
Acq: 17 Nov 2016 13:44

Tgt Ion:165 Resp: 55418
Ion Ratio Lower Upper
165 100
63 1.3 38.7 58.1#
89 1.4 50.6 76.0#
182 0.0 1.8 2.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 827

Delta R.T. -0.03 min

Lab File: BF091211.D

Acq: 17 Nov 2016 13:44

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-AA12-AA13-AA12A-AA1

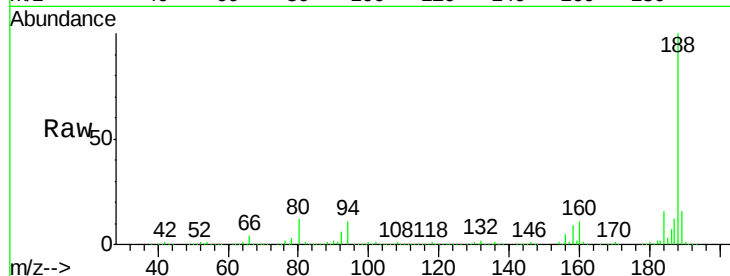
Tgt Ion:188 Resp: 736486

Ion Ratio Lower Upper

188 100

94 10.5 7.0 10.4#

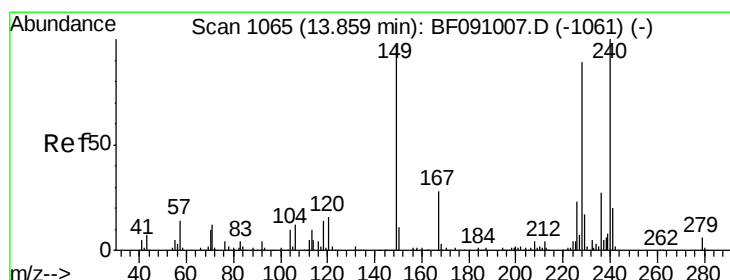
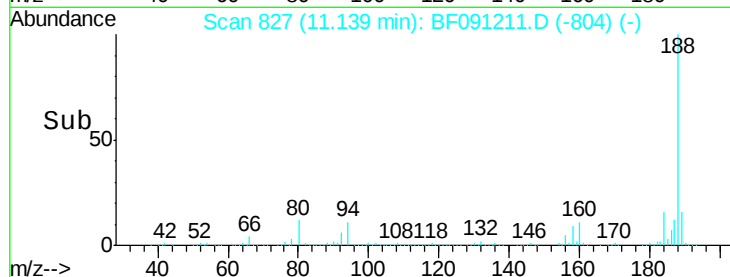
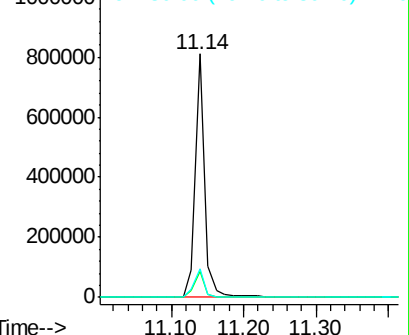
80 11.5 7.5 11.3#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1057

Delta R.T. -0.05 min

Lab File: BF091211.D

Acq: 17 Nov 2016 13:44

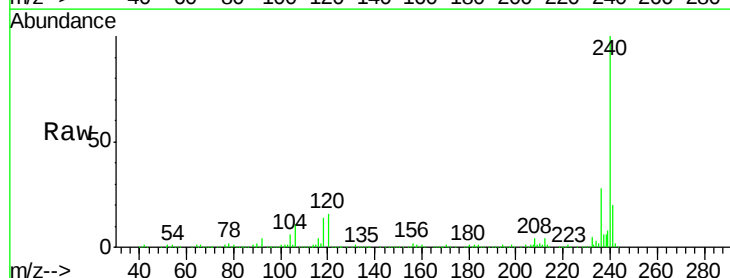
Tgt Ion:240 Resp: 481074

Ion Ratio Lower Upper

240 100

120 15.8 12.9 19.3

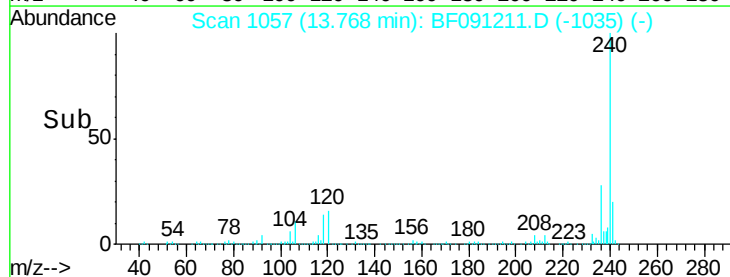
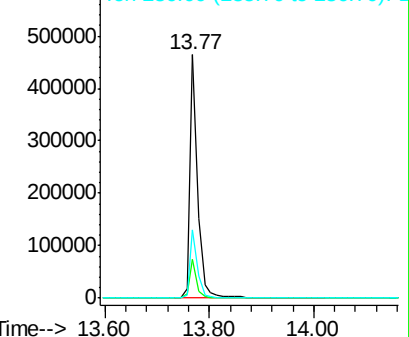
236 27.9 21.9 32.9

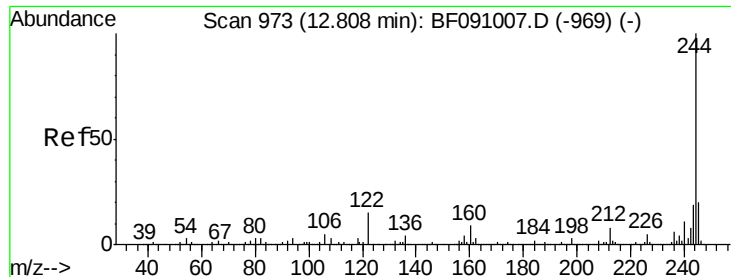


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

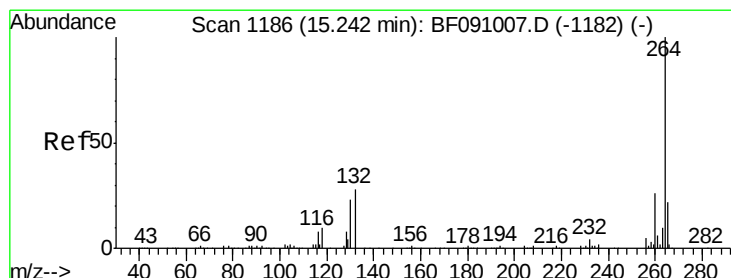
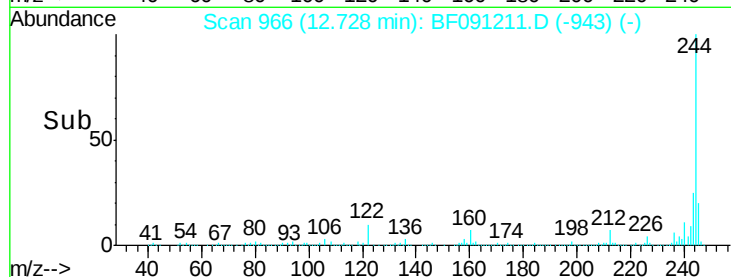
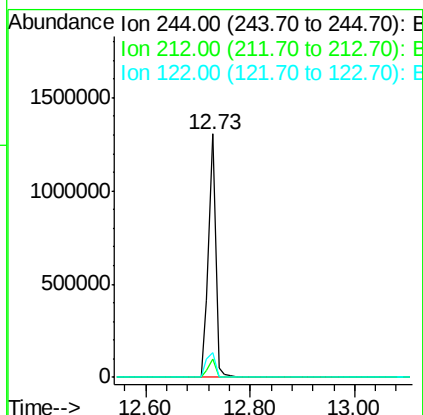
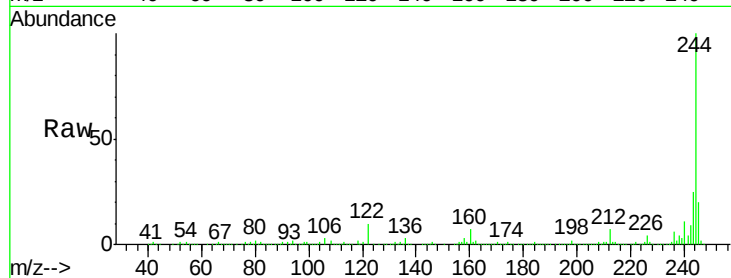




#78
 Terphenyl-d14
 Concen: 64.96 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.03 min
 Lab File: BF091211.D
 Acq: 17 Nov 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-AA12-AA13-AA12A-AA1

Tgt Ion:244 Resp: 1252251
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.4 9.6
 122 9.9 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091211.D
 Acq: 17 Nov 2016 13:44

Tgt Ion:264 Resp: 338357
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.6 30.8
 265 21.8 17.8 26.8

