

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
 Data File : BF091108.D
 Acq On : 9 Nov 2016 4:10
 Operator : UM/SJ
 Sample : H5593-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-SIDEWALL

Quant Time: Nov 09 06:05:49 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

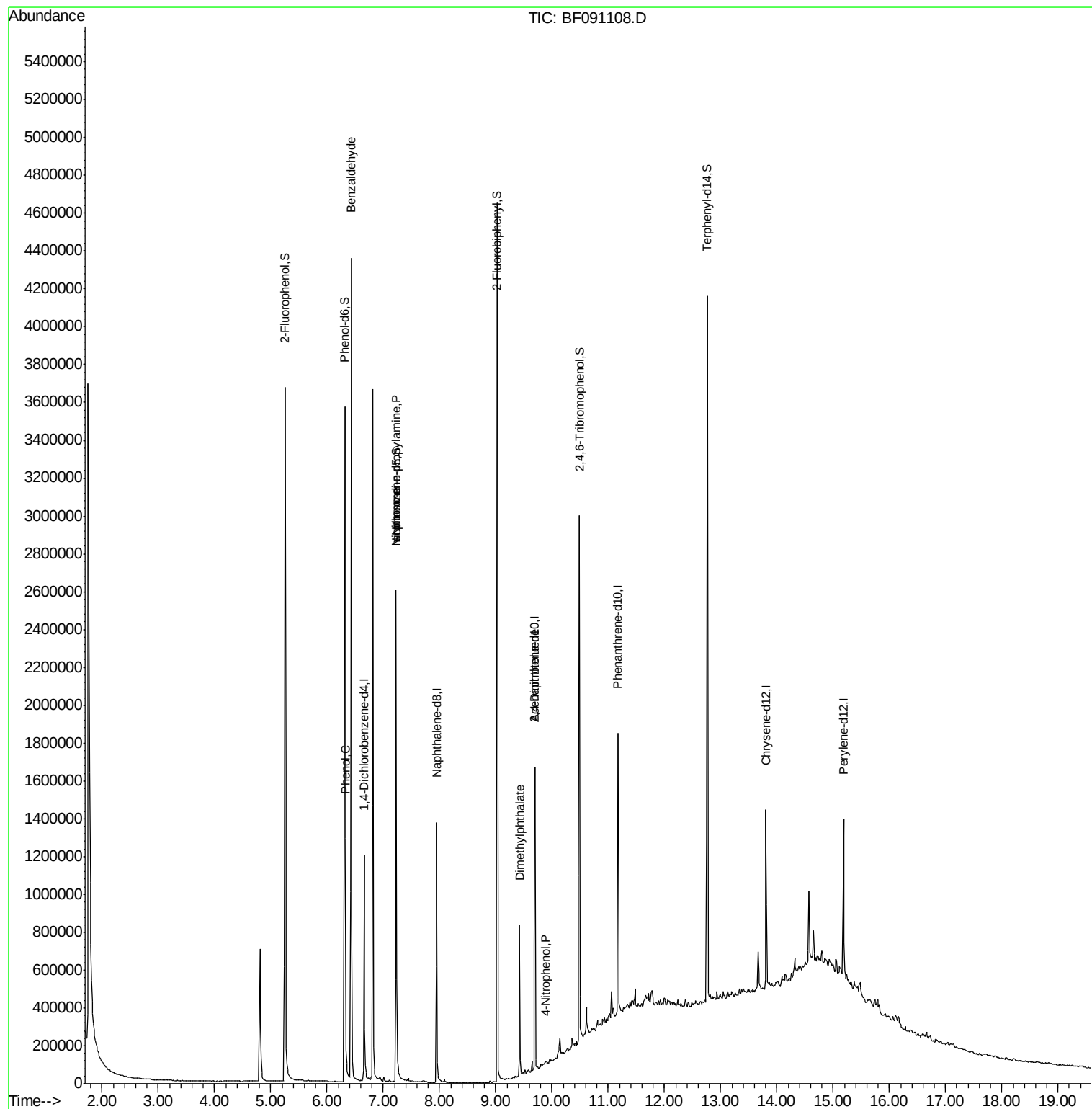
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	183126	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	746762	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	370978	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	524768	20.00	ng	0.00
75) Chrysene-d12	13.80	240	361094	20.00	ng	-0.01
86) Perylene-d12	15.19	264	346438	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1265322	114.12	ng	0.01
7) Phenol-d6	6.32	99	1584673	105.29	ng	0.00
23) Nitrobenzene-d5	7.23	82	1012586	73.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	337552	100.65	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1420540	65.92	ng	-0.01
78) Terphenyl-d14	12.76	244	1092224	75.48	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	30014	3.59	ng	84
10) Phenol	6.33	94	91798	5.51	ng	# 73
19) n-Nitroso-di-n-propylamine	7.23	70	140307	13.45	ng	# 79
25) Isophorone	7.23	82	873775	33.12	ng	# 67
49) Dimethylphthalate	9.42	163	294880	12.12	ng	99
55) 4-Nitrophenol	9.89	139	438	5.83	ng	# 1
56) 2,4-Dinitrotoluene	9.70	165	50495	7.61	ng	# 26

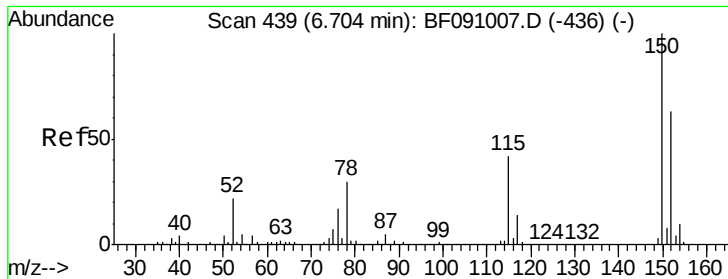
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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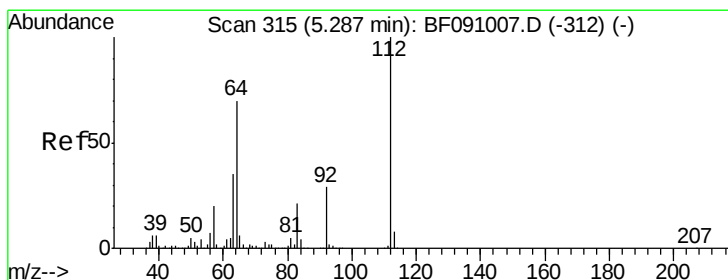
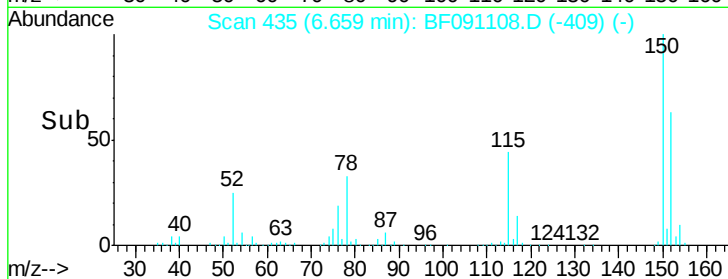
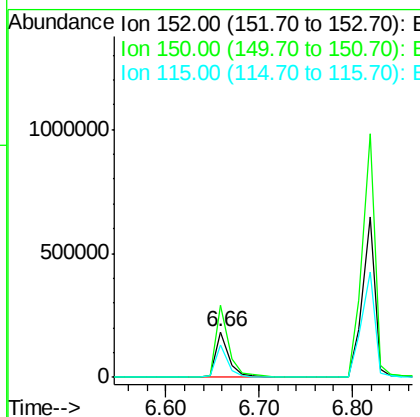
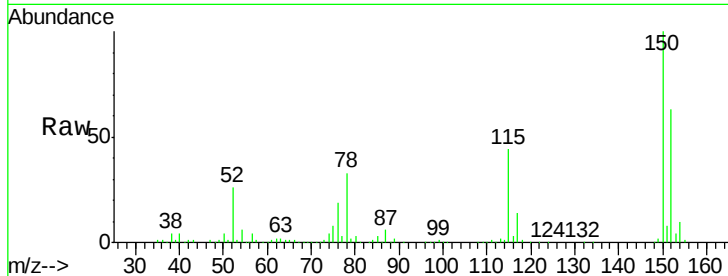




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF091108.D
 Acq: 9 Nov 2016 4:10

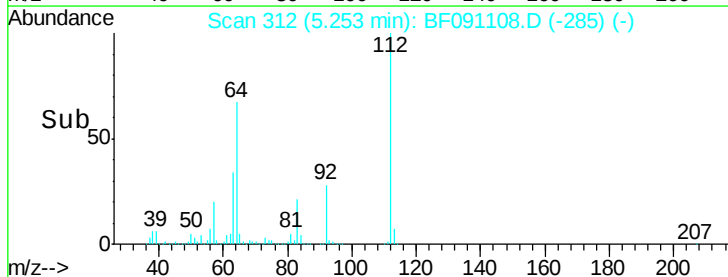
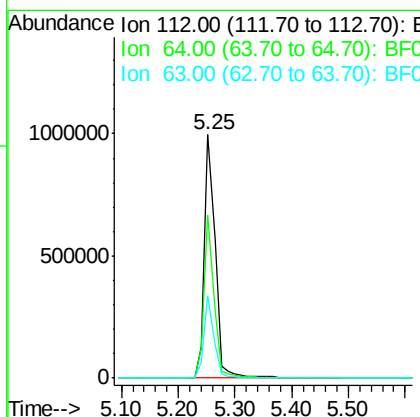
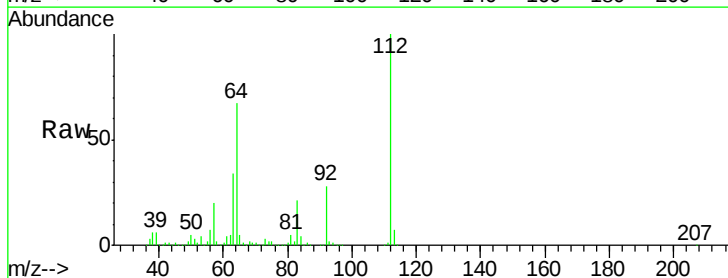
Instrument :
 BNA_F
 ClientSampleId :
 NORTH-SIDEWALL

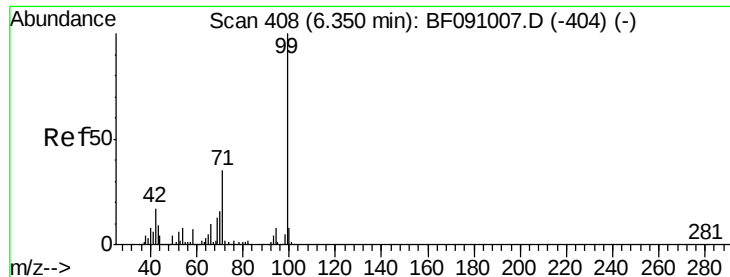
Tgt Ion:152 Resp: 183126
 Ion Ratio Lower Upper
 152 100
 150 158.4 126.8 190.2
 115 69.9 53.3 79.9



#5
 2-Fluorophenol
 Concen: 114.12 ng
 RT: 5.25 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: BF091108.D
 Acq: 9 Nov 2016 4:10

Tgt Ion:112 Resp: 1265322
 Ion Ratio Lower Upper
 112 100
 64 66.9 55.8 83.6
 63 33.8 28.0 42.0





#7

Phenol-d6

Concen: 105.29 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091108.D

Acq: 9 Nov 2016 4:10

Instrument :

BNA_F

ClientSampleId :

NORTH-SIDEWALL

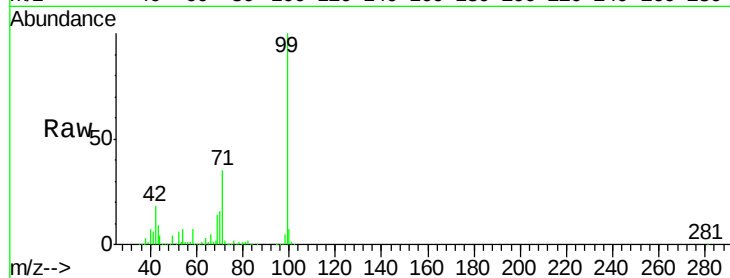
Tgt Ion: 99 Resp: 1584673

Ion Ratio Lower Upper

99 100

42 17.8 13.9 20.9

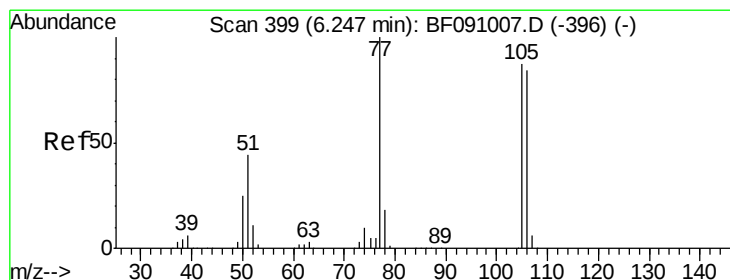
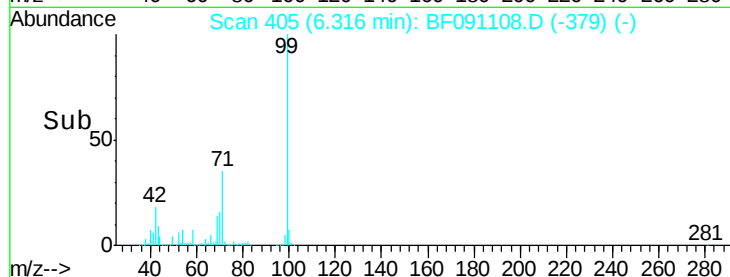
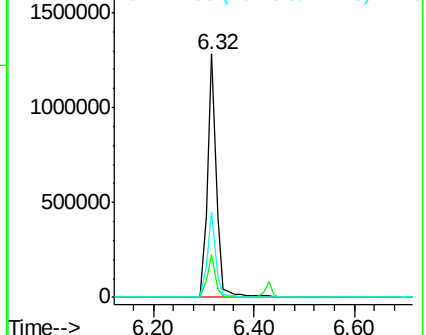
71 35.1 27.8 41.8



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: 3.59 ng

RT: 6.43 min Scan# 415

Delta R.T. 0.23 min

Lab File: BF091108.D

Acq: 9 Nov 2016 4:10

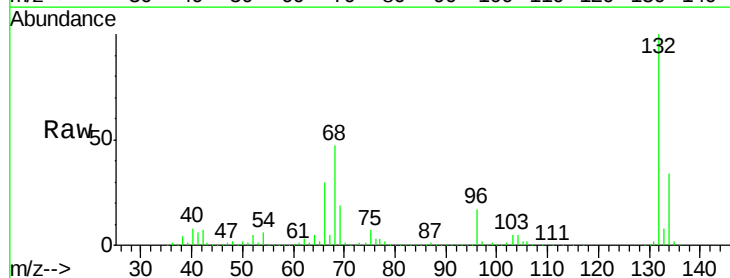
Tgt Ion: 77 Resp: 30014

Ion Ratio Lower Upper

77 100

105 75.5 66.8 106.8

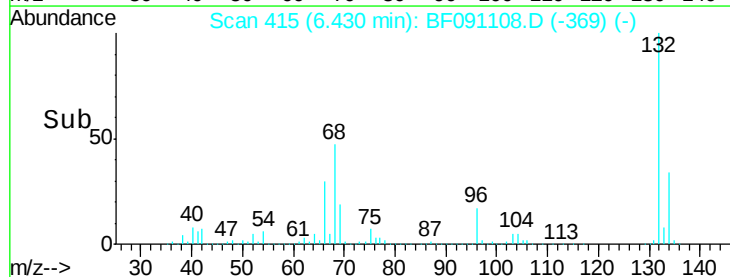
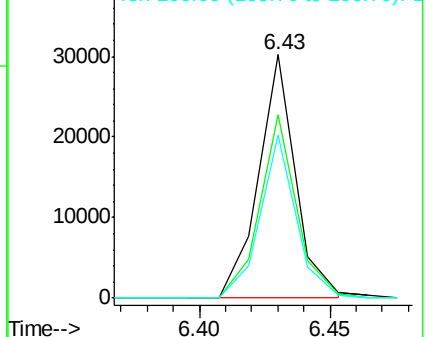
106 66.8 64.0 104.0

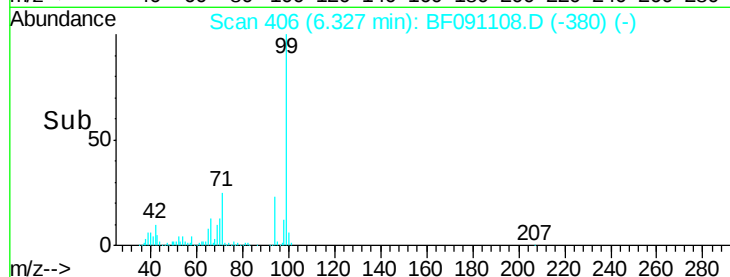
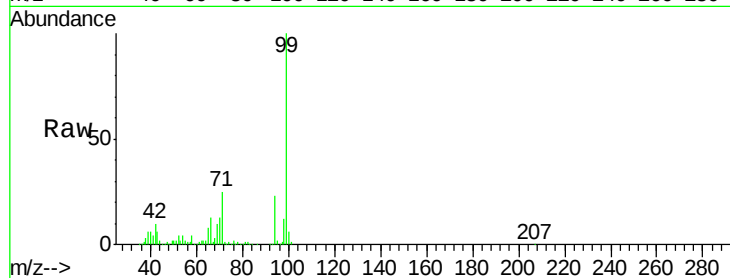
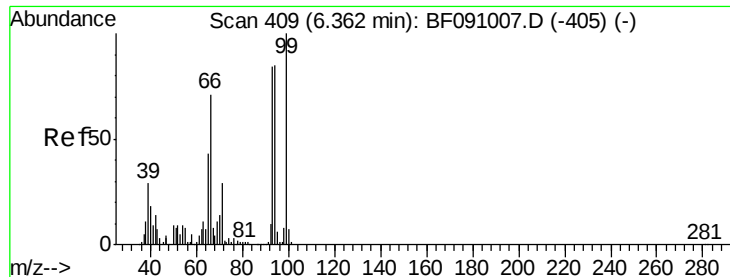


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 5.51 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF091108.D

Acq: 9 Nov 2016 4:10

Instrument :

BNA_F

ClientSampleId :

NORTH-SIDEWALL

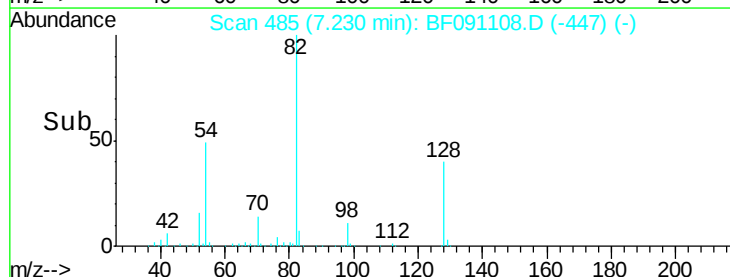
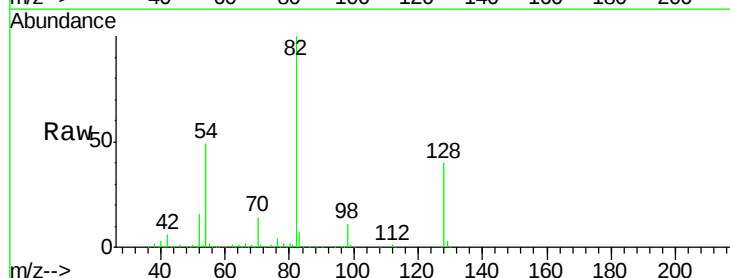
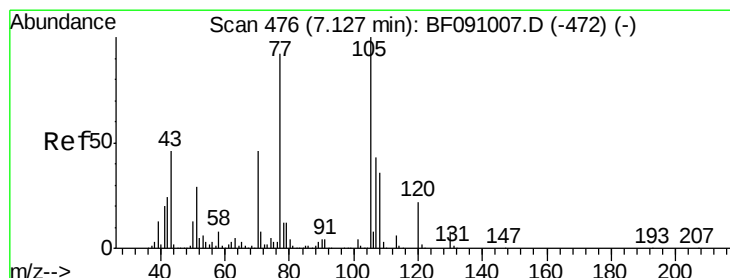
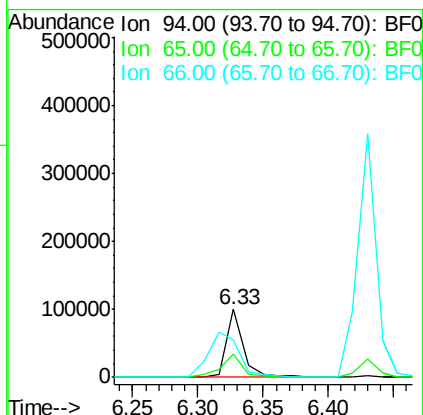
Tgt Ion: 94 Resp: 91798

Ion Ratio Lower Upper

94 100

65 34.6 30.4 70.4

66 56.0 62.9 102.9#



#19

n-Nitroso-di-n-propylamine

Concen: 13.45 ng

RT: 7.23 min Scan# 485

Delta R.T. 0.14 min

Lab File: BF091108.D

Acq: 9 Nov 2016 4:10

Tgt Ion: 70 Resp: 140307

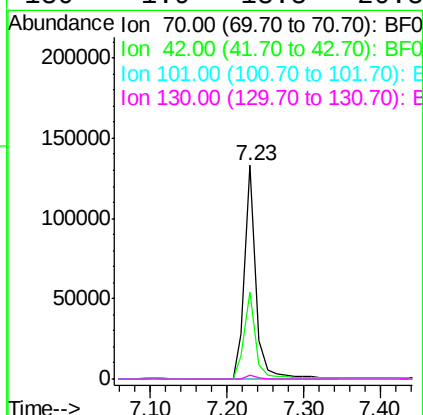
Ion Ratio Lower Upper

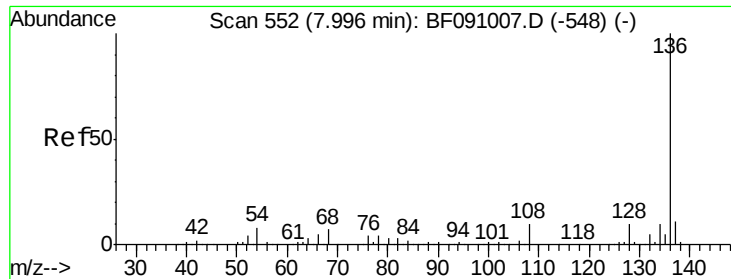
70 100

42 40.8 41.7 62.5#

101 0.0 6.7 10.1#

130 1.9 13.8 20.8#

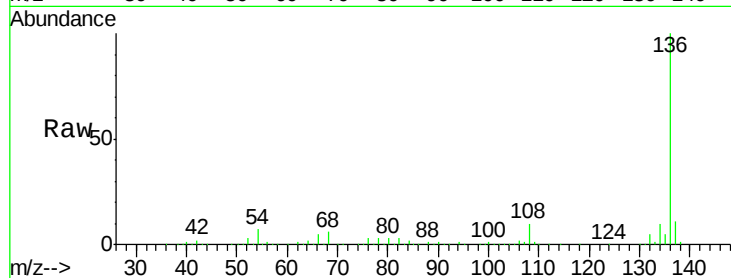




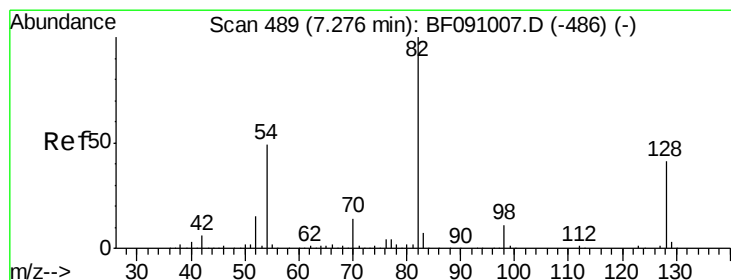
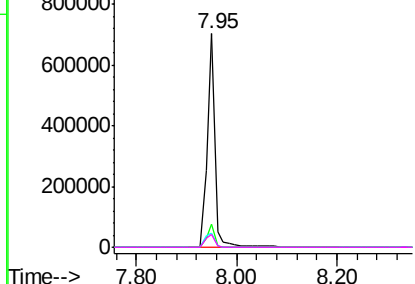
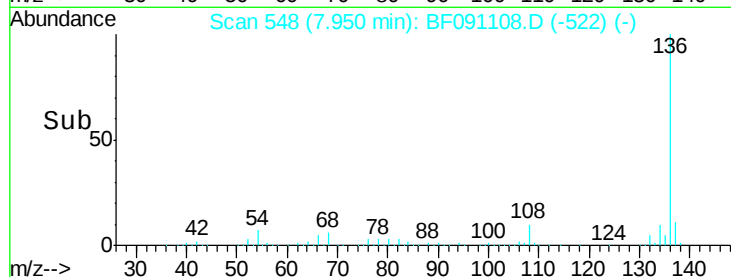
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091108.D
Acq: 9 Nov 2016 4:10

Instrument :
BNA_F
ClientSampleId :
NORTH-SIDEWALL

Tgt Ion:	136	Resp:	746762
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.8	6.2	9.2
68	6.0	5.5	8.3

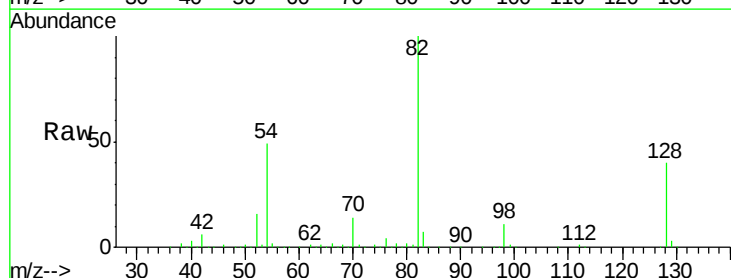


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

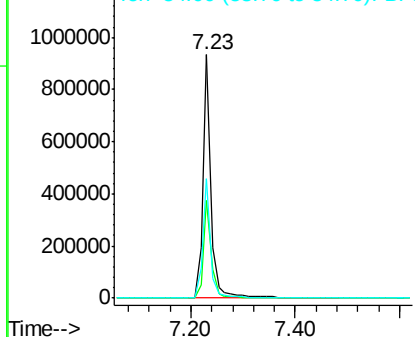
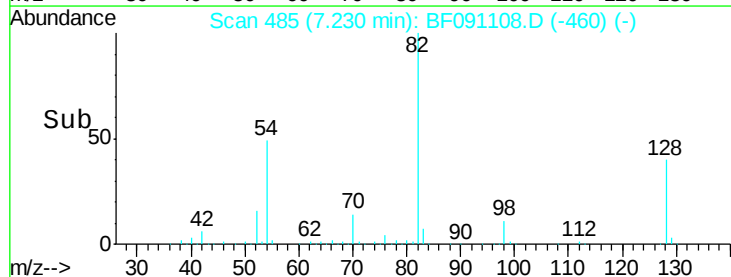


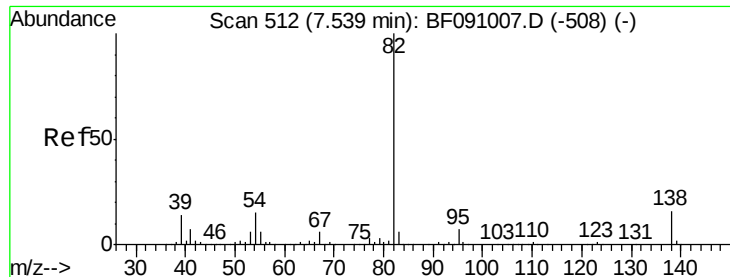
#23
Nitrobenzene-d5
Concen: 73.97 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091108.D
Acq: 9 Nov 2016 4:10

Tgt Ion:	82	Resp:	1012586
Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.4	48.6
54	49.2	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: 33.12 ng

RT: 7.23 min Scan# 485

Delta R.T. -0.26 min

Lab File: BF091108.D

Acq: 9 Nov 2016 4:10

Instrument :
BNA_F
ClientSampleId :
NORTH-SIDEWALL

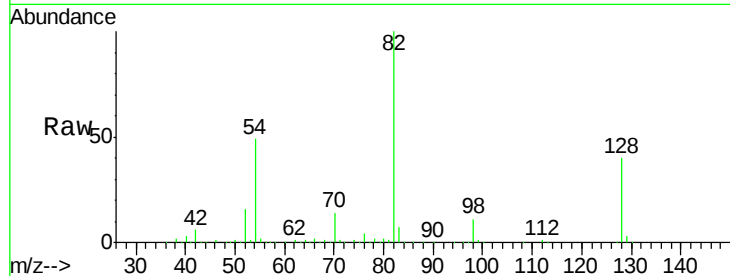
Tgt Ion: 82 Resp: 873775

Ion Ratio Lower Upper

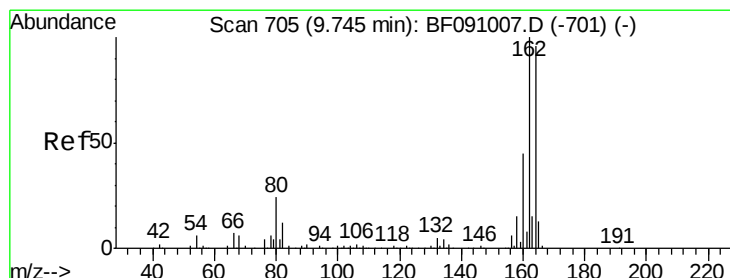
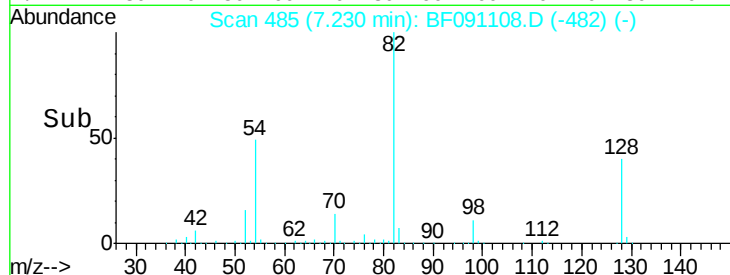
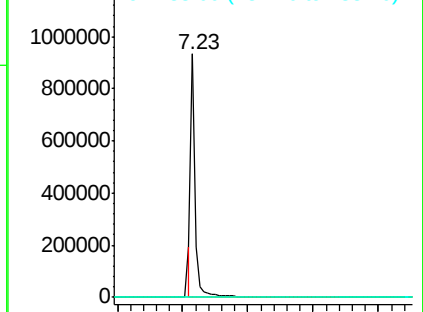
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF091108.D

Acq: 9 Nov 2016 4:10

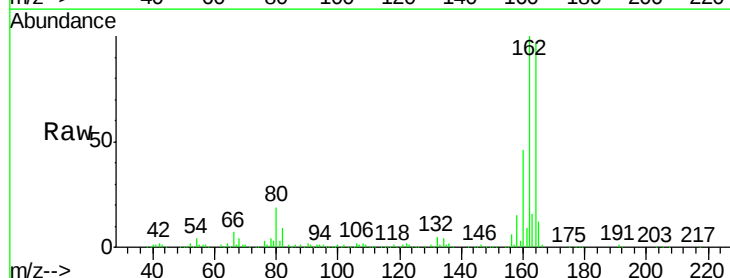
Tgt Ion: 164 Resp: 370978

Ion Ratio Lower Upper

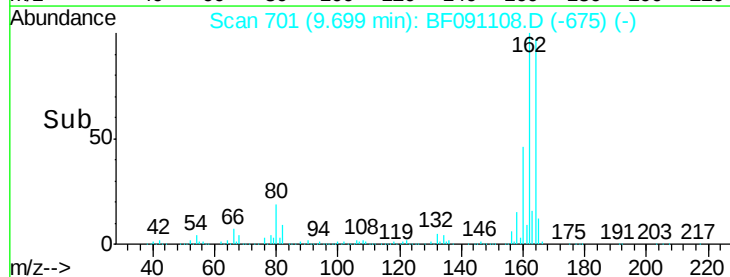
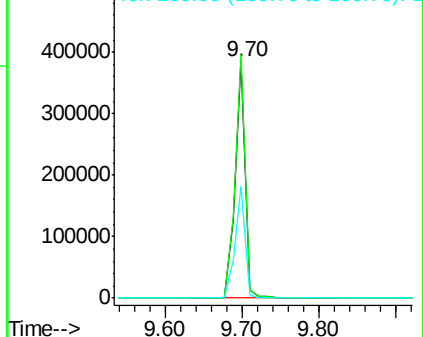
164 100

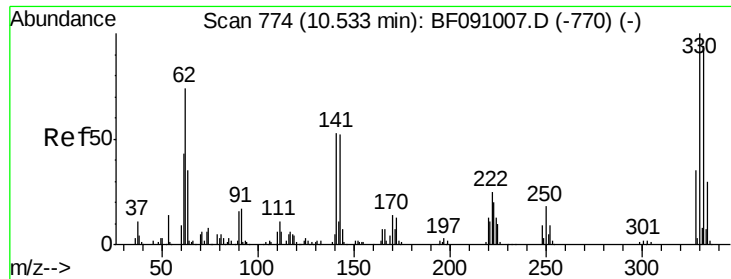
162 102.9 83.6 125.4

160 47.1 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

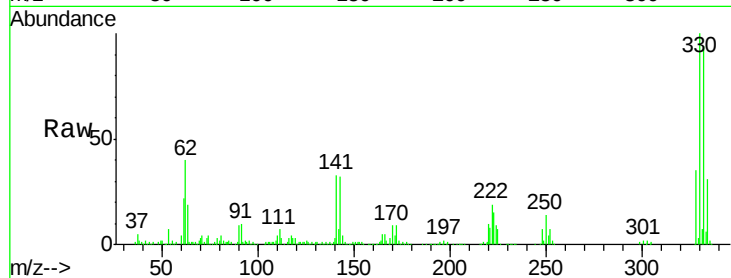




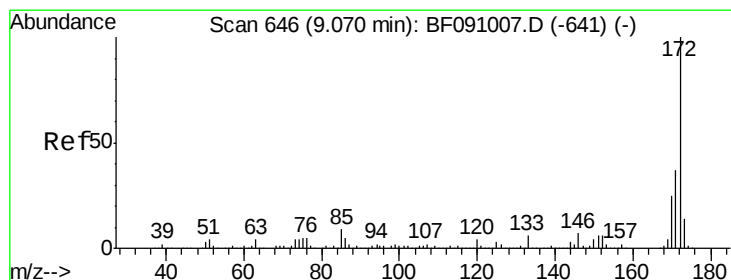
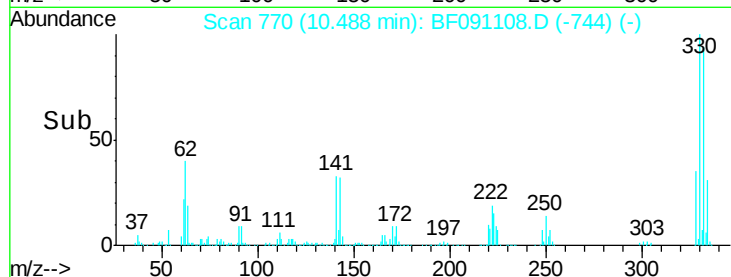
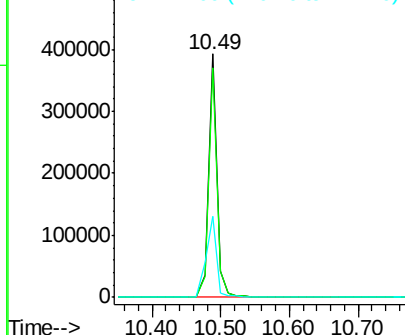
#41
 2,4,6-Tribromophenol
 Concen: 100.65 ng
 RT: 10.49 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF091108.D
 Acq: 9 Nov 2016 4:10

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-SIDEWALL

Tgt Ion:330 Resp: 337552
 Ion Ratio Lower Upper
 330 100
 332 94.7 75.9 113.9
 141 40.6 36.1 54.1

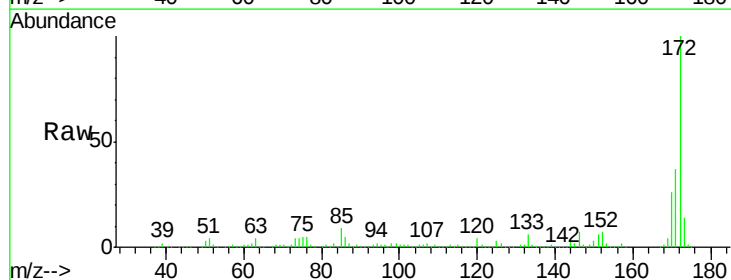


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

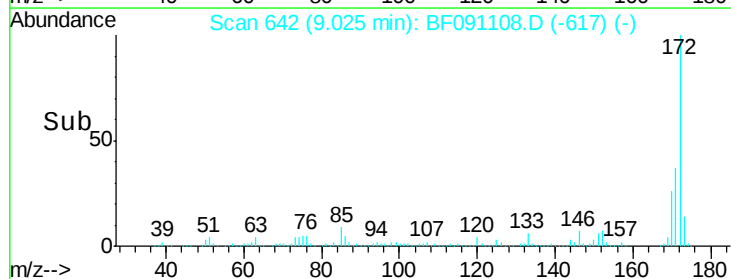
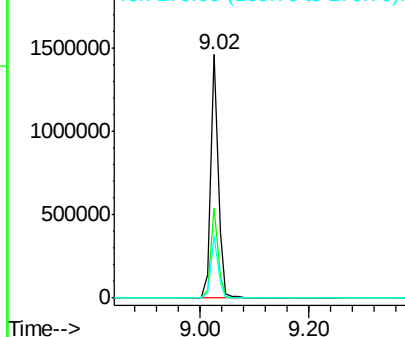


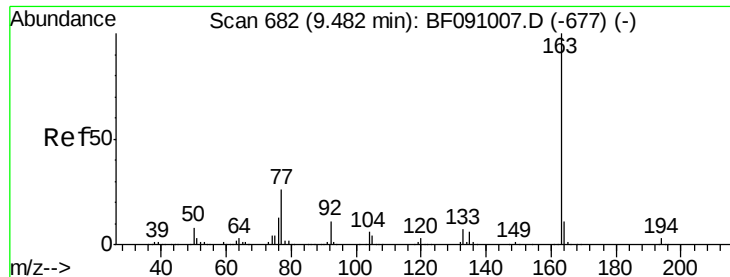
#44
 2-Fluorobiphenyl
 Concen: 65.92 ng
 RT: 9.02 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF091108.D
 Acq: 9 Nov 2016 4:10

Tgt Ion:172 Resp: 1420540
 Ion Ratio Lower Upper
 172 100
 171 36.7 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: 12.12 ng

RT: 9.42 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF091108.D

Acq: 9 Nov 2016 4:10

Instrument :

BNA_F

ClientSampleId :

NORTH-SIDEWALL

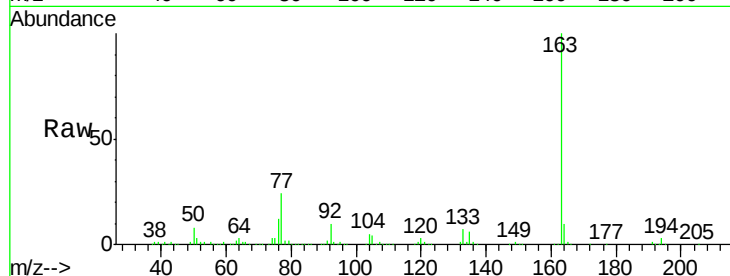
Tgt Ion:163 Resp: 294880

Ion Ratio Lower Upper

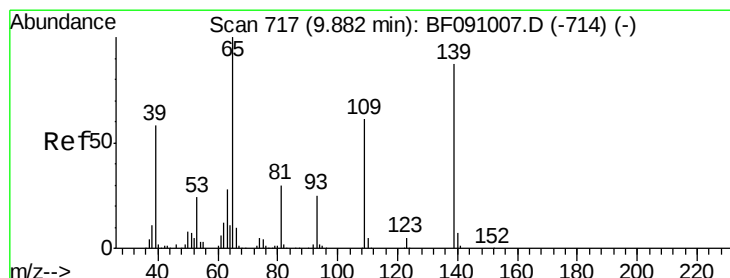
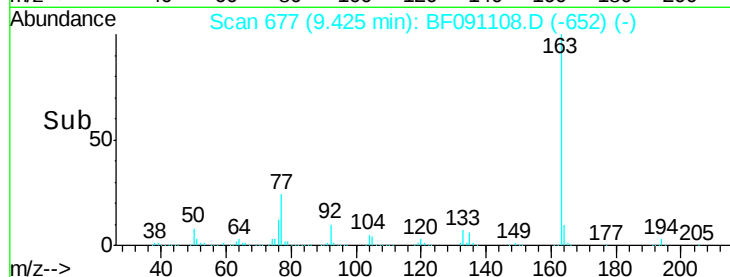
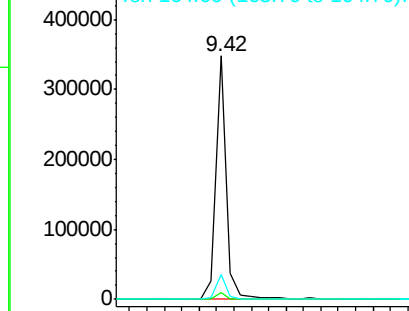
163 100

194 3.0 2.6 4.0

164 10.3 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



#55

4-Nitrophenol

Concen: 5.83 ng

RT: 9.89 min Scan# 718

Delta R.T. 0.05 min

Lab File: BF091108.D

Acq: 9 Nov 2016 4:10

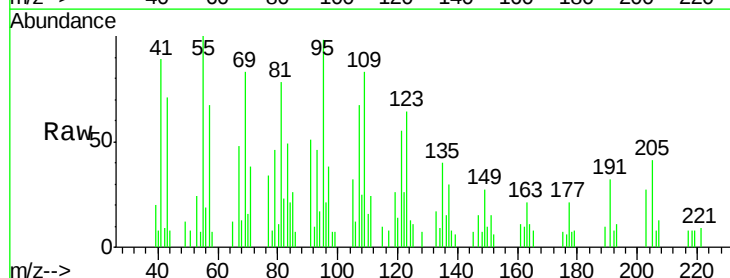
Tgt Ion:139 Resp: 438

Ion Ratio Lower Upper

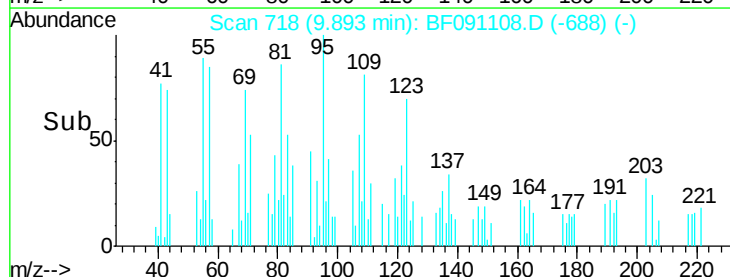
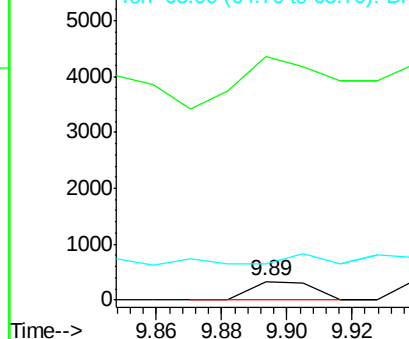
139 100

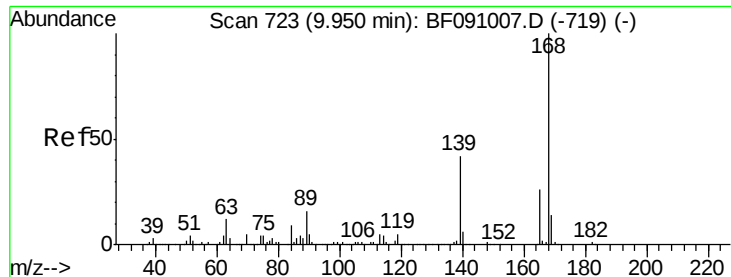
109 1289.3 50.5 90.5#

65 188.8 97.1 137.1#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

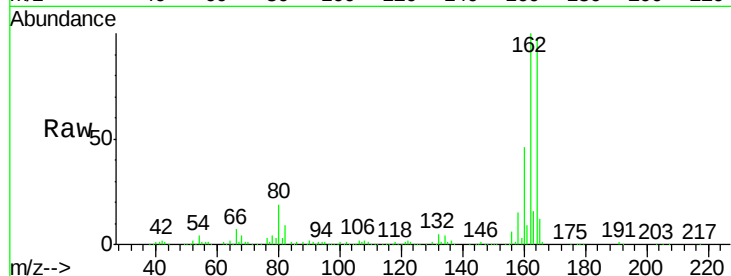




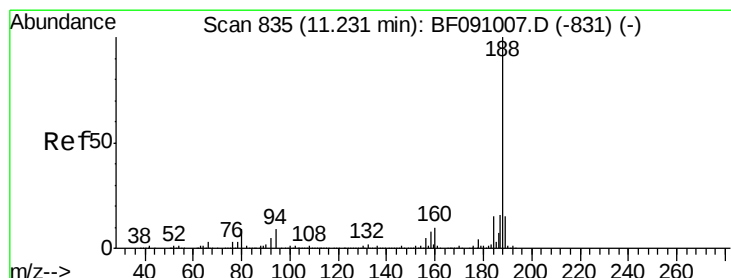
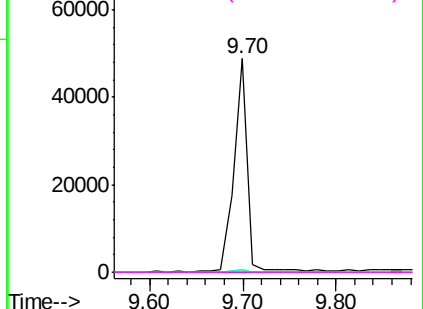
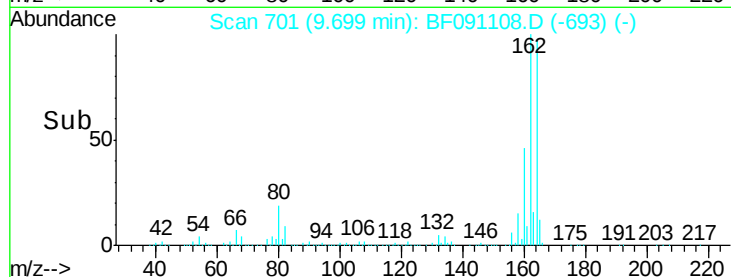
#56
2,4-Dinitrotoluene
Concen: 7.61 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.21 min
Lab File: BF091108.D
Acq: 9 Nov 2016 4:10

Instrument :
BNA_F
ClientSampleId :
NORTH-SIDEWALL

Tgt Ion:165 Resp: 50495
Ion Ratio Lower Upper
165 100
63 1.1 38.7 58.1#
89 1.0 50.6 76.0#
182 0.0 1.8 2.8#

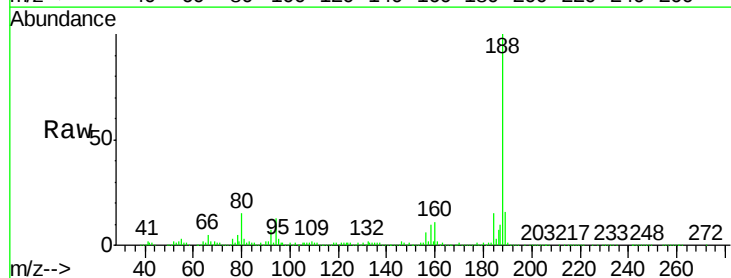


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

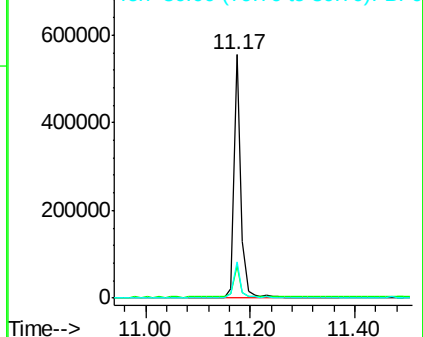
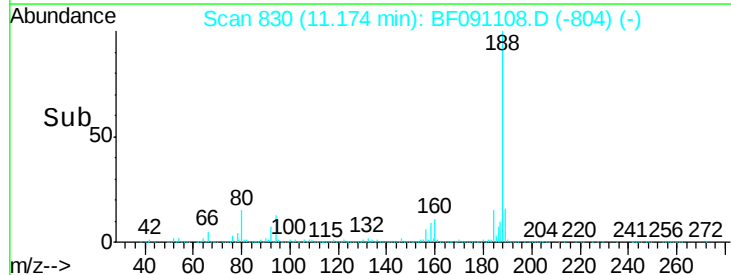


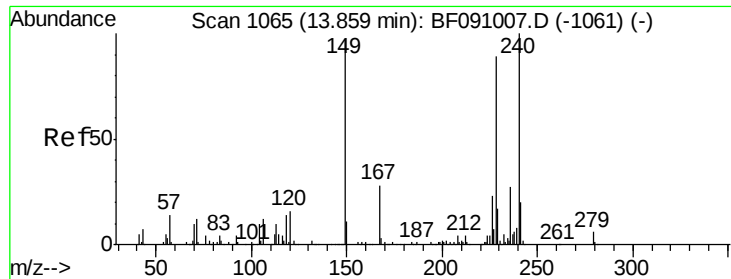
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091108.D
Acq: 9 Nov 2016 4:10

Tgt Ion:188 Resp: 524768
Ion Ratio Lower Upper
188 100
94 13.4 7.0 10.4#
80 14.9 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: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091108.D

Acq: 9 Nov 2016 4:10

Instrument :

BNA_F

ClientSampleId :

NORTH-SIDEWALL

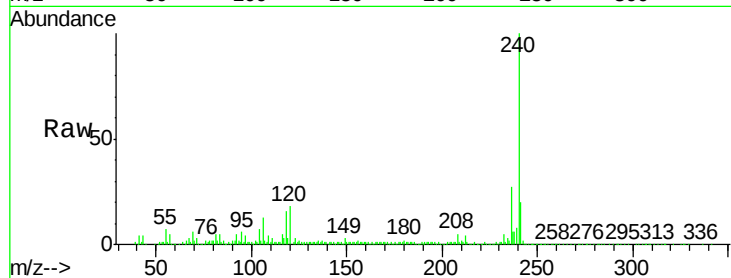
Tgt Ion:240 Resp: 361094

Ion Ratio Lower Upper

240 100

120 18.2 12.9 19.3

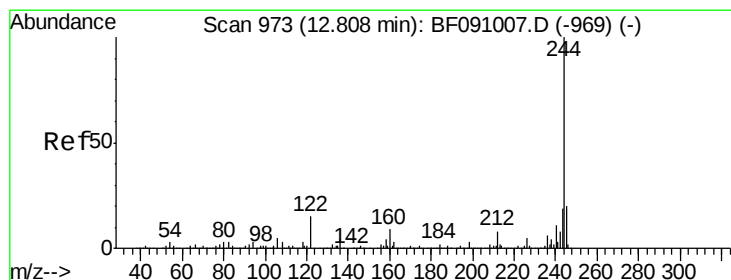
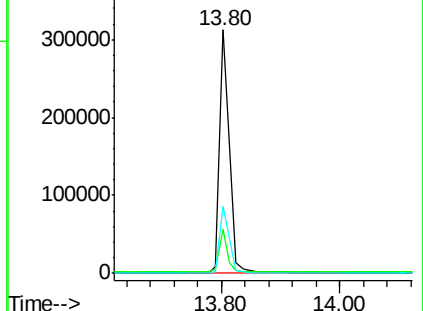
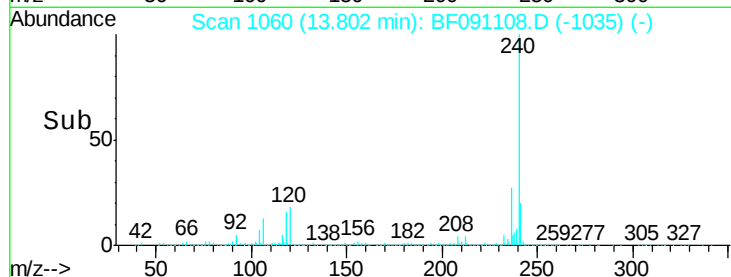
236 27.3 21.9 32.9



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: 75.48 ng

RT: 12.76 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF091108.D

Acq: 9 Nov 2016 4:10

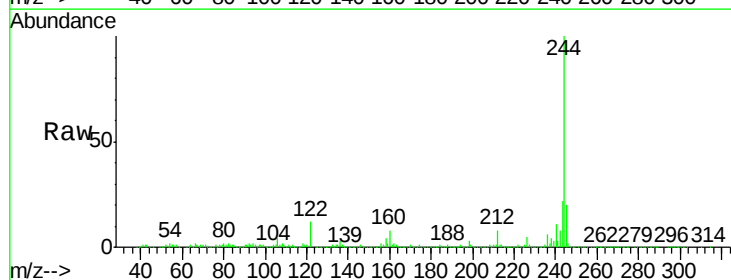
Tgt Ion:244 Resp: 1092224

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

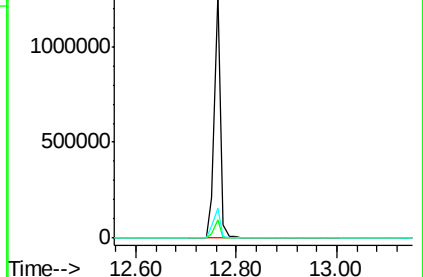
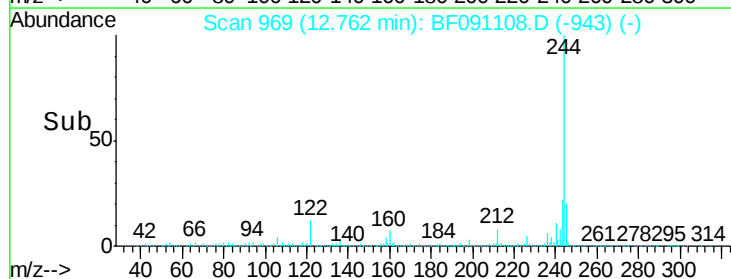
122 12.1 12.3 18.5#

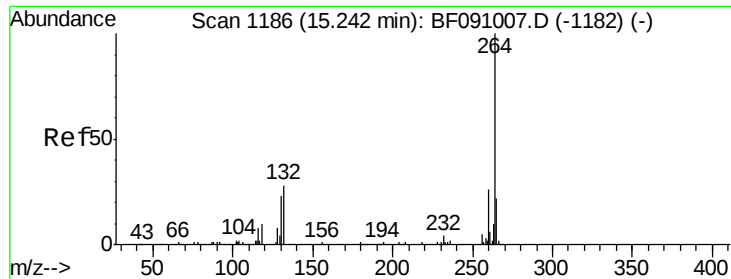


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

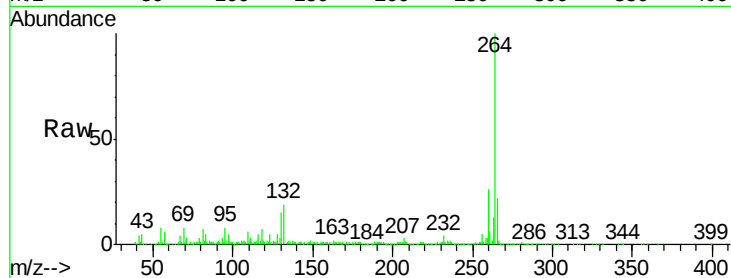




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF091108.D
Acq: 9 Nov 2016 4:10

Instrument :
BNA_F
ClientSampleId :
NORTH-SIDEWALL

Tgt Ion: 264 Resp: 346438
Ion Ratio Lower Upper
264 100
260 26.0 20.6 30.8
265 21.6 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

