

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
 Data File : BF091487.D
 Acq On : 7 Dec 2016 23:30
 Operator : UM/SJ
 Sample : H5907-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B6-B7-B6A-B7A

Quant Time: Dec 08 01:18:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 00:35:13 2016
 Response via : Initial Calibration

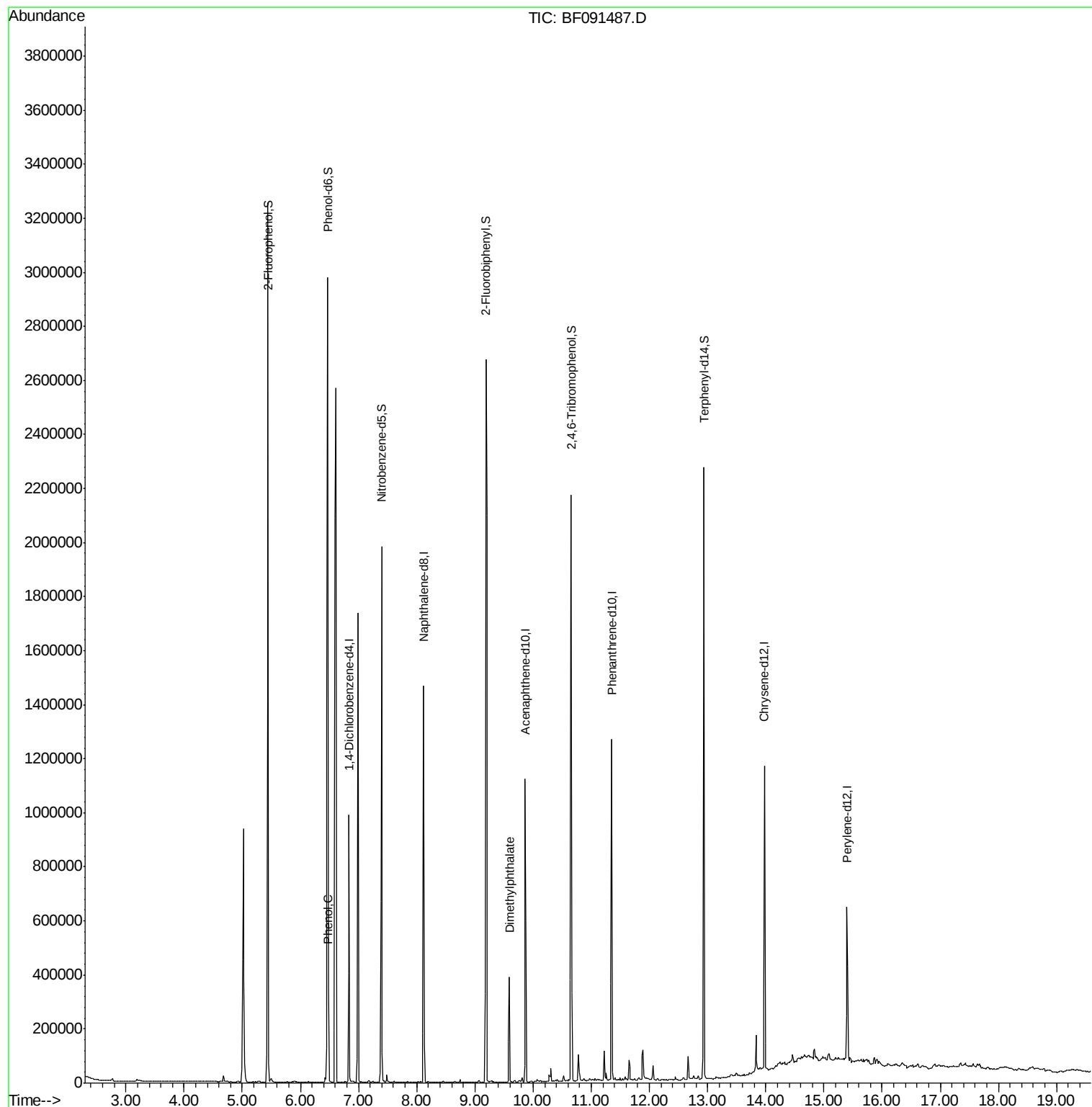
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	156383	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	586331	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	306704	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	480090	20.00	ng	0.00
75) Chrysene-d12	13.98	240	388275	20.00	ng	0.00
86) Perylene-d12	15.40	264	299588	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	817161	85.36	ng	0.01
7) Phenol-d6	6.47	99	981627	83.30	ng	0.00
23) Nitrobenzene-d5	7.40	82	620325	59.29	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	241368	83.13	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1254271	74.05	ng	-0.01
78) Terphenyl-d14	12.94	244	1004549	56.23	ng	0.00
Target Compounds						
10) Phenol	6.48	94	62312	4.49	ng	90
49) Dimethylphthalate	9.59	163	176548	9.51	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF091487.D

Acq: 7 Dec 2016 23:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B6-B7-B6A-B7A

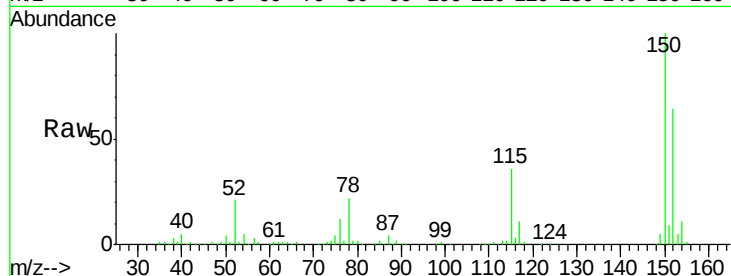
Tot Ion:152 Resp: 156383

Ion Ratio Lower Upper

152 100

150 156.8 122.5 183.7

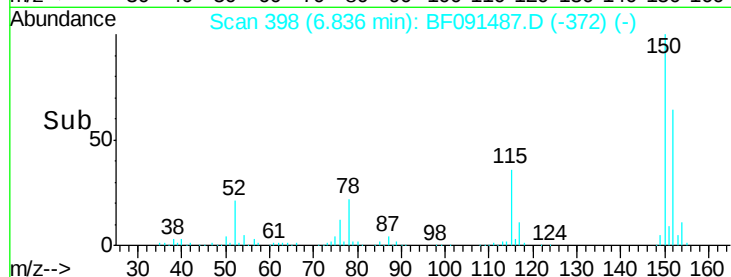
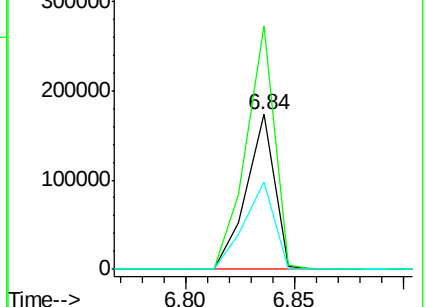
115 56.6 51.8 77.8



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: 85.36 ng

RT: 5.44 min Scan# 276

Delta R.T. 0.01 min

Lab File: BF091487.D

Acq: 7 Dec 2016 23:30

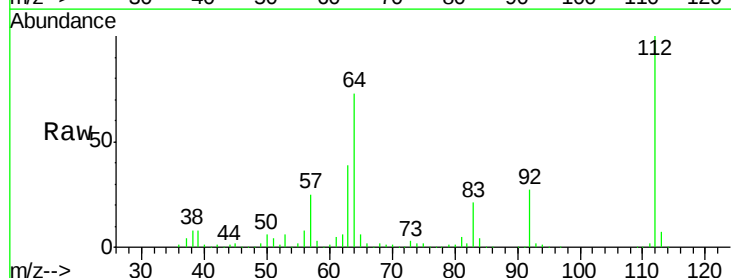
Tgt Ion:112 Resp: 817161

Ion Ratio Lower Upper

112 100

64 73.4 61.5 92.3

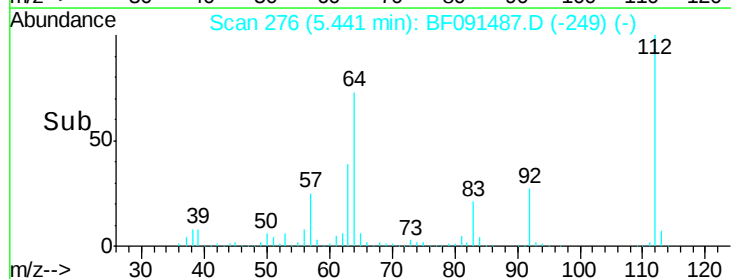
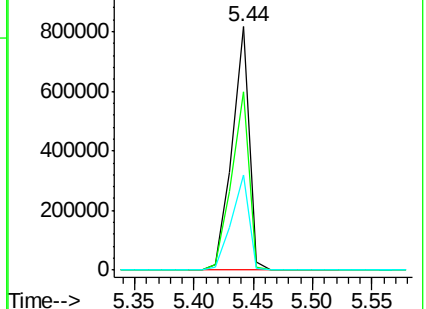
63 39.2 33.3 49.9

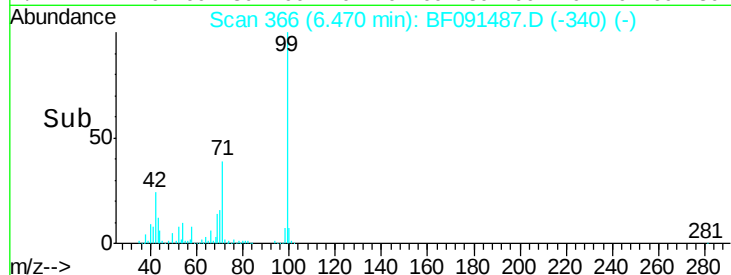
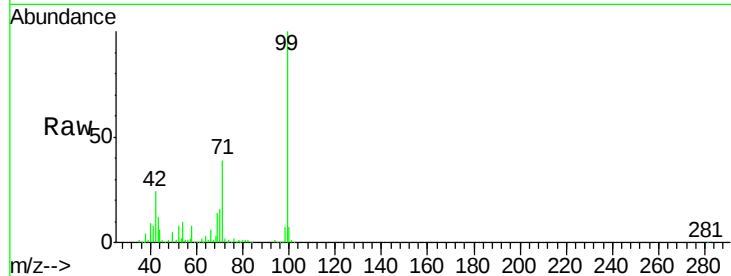
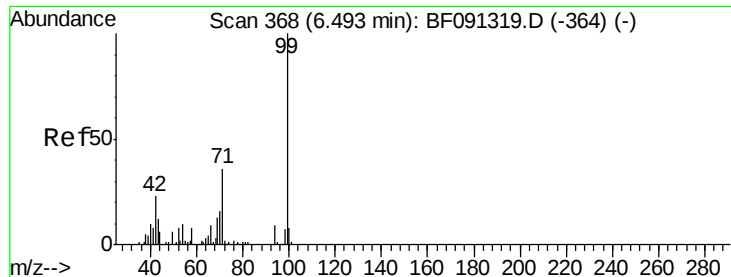


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 83.30 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF091487.D

Acq: 7 Dec 2016 23:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B6-B7-B6A-B7A

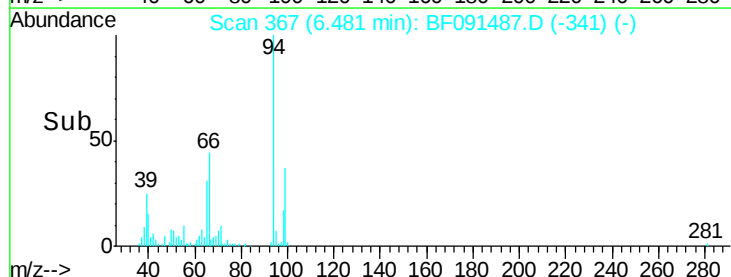
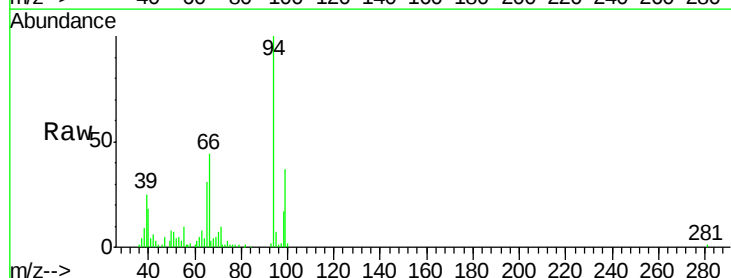
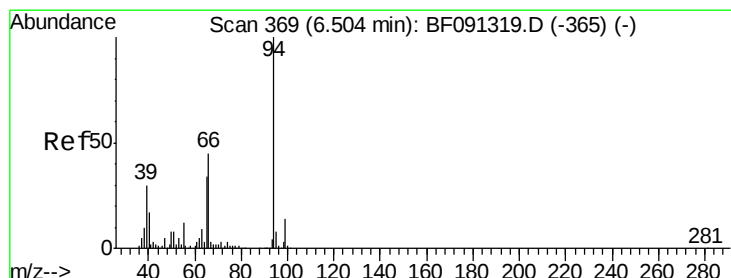
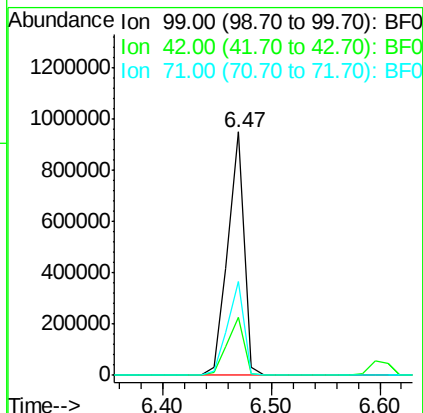
Tot Ion: 99 Resp: 981627

Ion Ratio Lower Upper

99 100

42 23.7 20.6 31.0

71 38.7 29.9 44.9



#10

Phenol

Concen: 4.49 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF091487.D

Acq: 7 Dec 2016 23:30

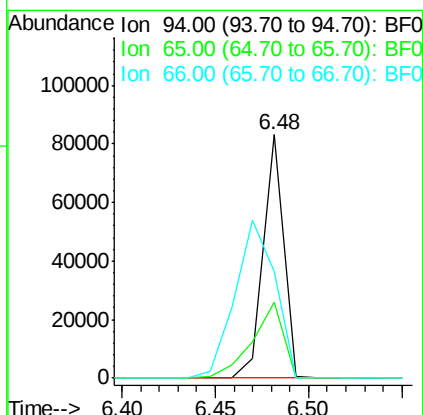
Tgt Ion: 94 Resp: 62312

Ion Ratio Lower Upper

94 100

65 31.3 16.9 56.9

66 43.7 30.6 70.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF091487.D

Acq: 7 Dec 2016 23:30

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-B6-B7-B6A-B7A

Tot Ion:136 Resp: 586331

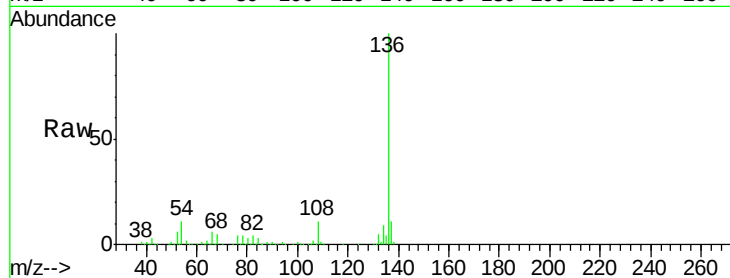
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 11.5 9.1 13.7

68 5.1 5.9 8.9#

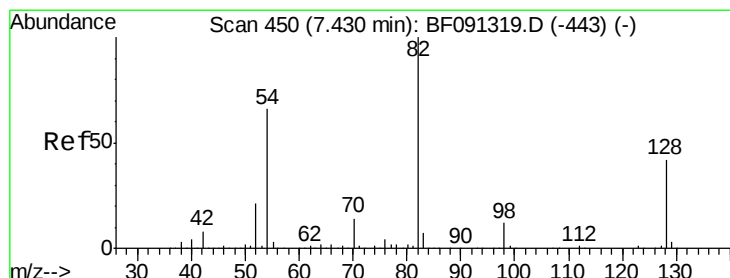
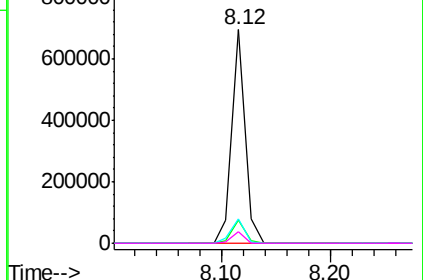
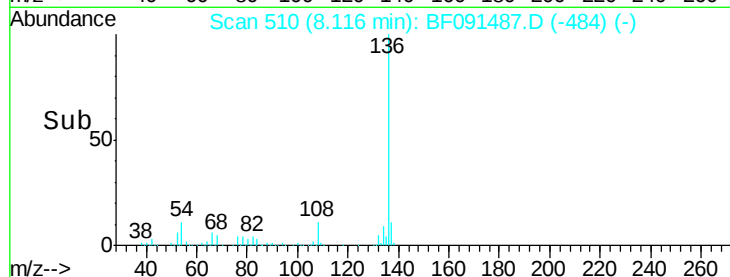


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.29 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF091487.D

Acq: 7 Dec 2016 23:30

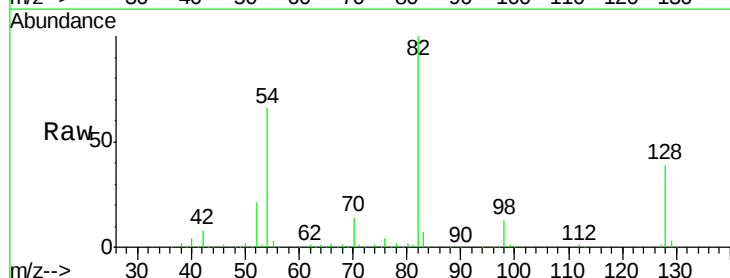
Tgt Ion: 82 Resp: 620325

Ion Ratio Lower Upper

82 100

128 39.1 31.8 47.6

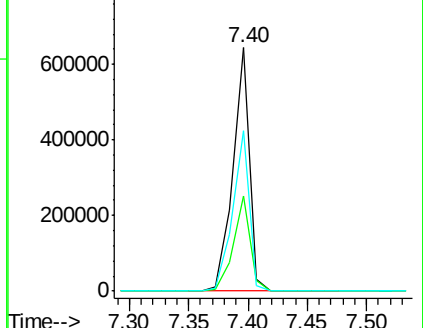
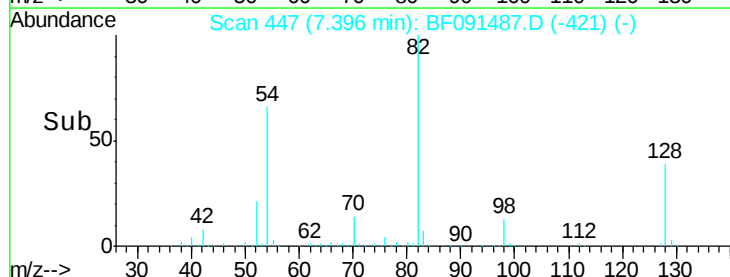
54 66.1 49.1 73.7

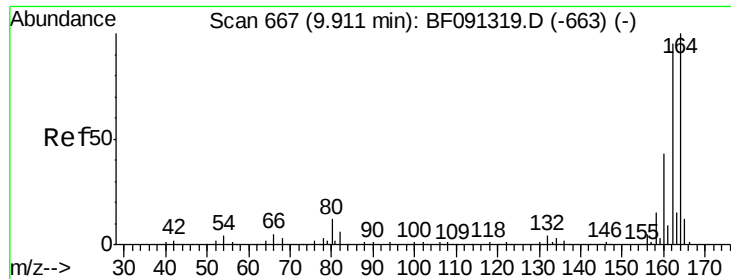


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

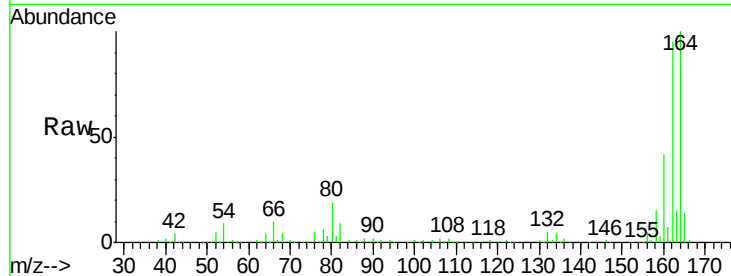




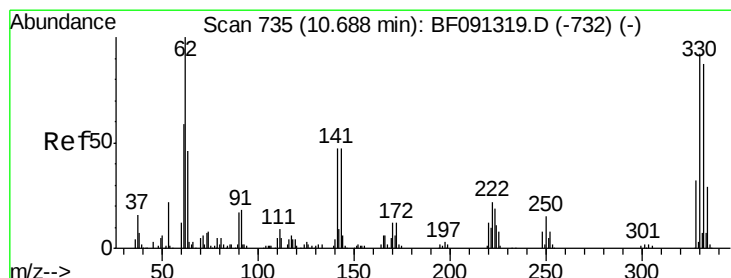
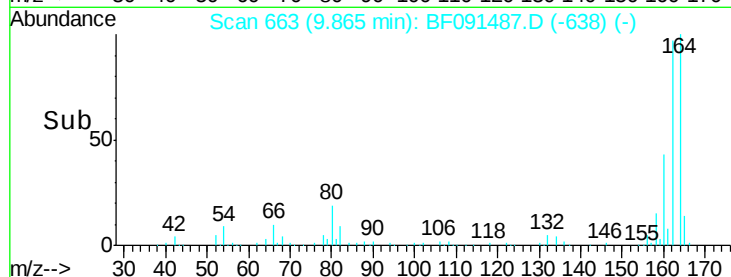
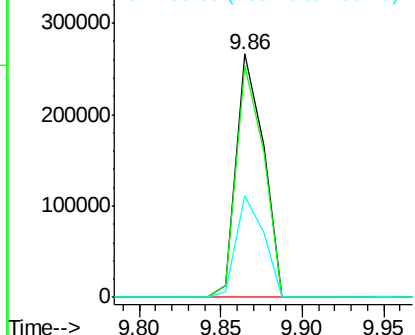
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B6-B7-B6A-B7A

Tot Ion:164 Resp: 306704
Ion Ratio Lower Upper
164 100
162 95.1 82.6 124.0
160 41.7 36.7 55.1

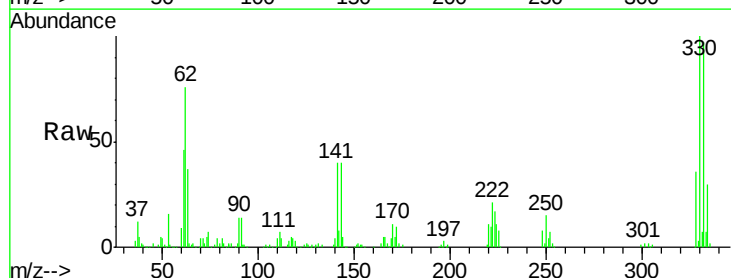


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

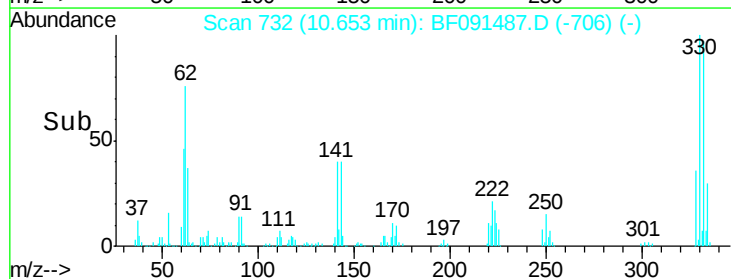
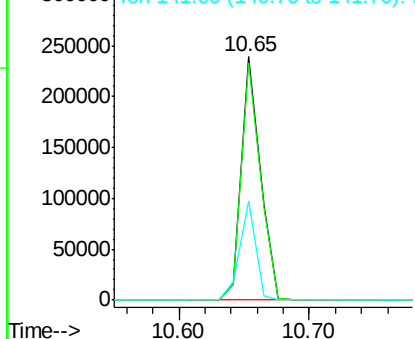


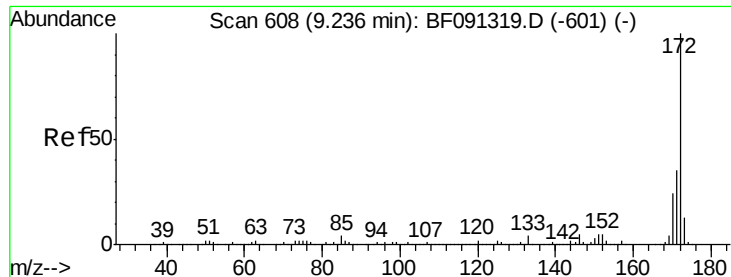
#41
2,4,6-Tribromophenol
Concen: 83.13 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Tgt Ion:330 Resp: 241368
Ion Ratio Lower Upper
330 100
332 97.7 76.2 114.4
141 33.9 33.6 50.4



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

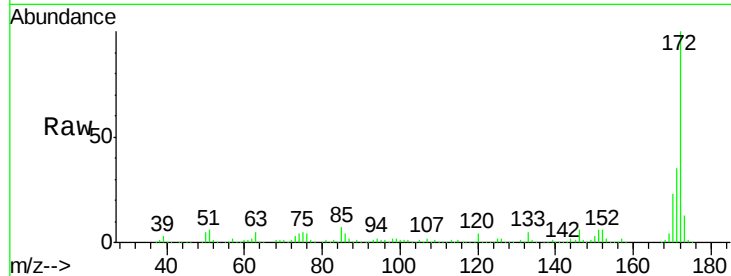




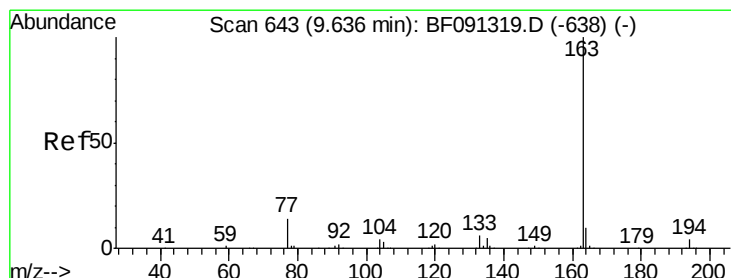
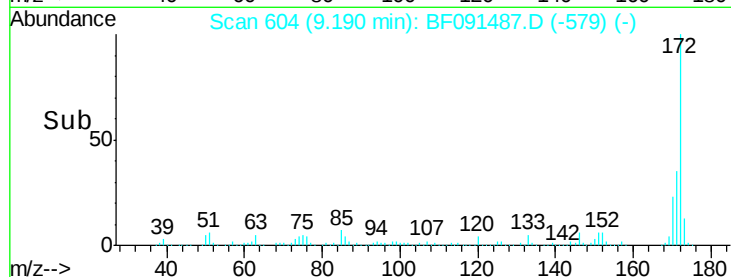
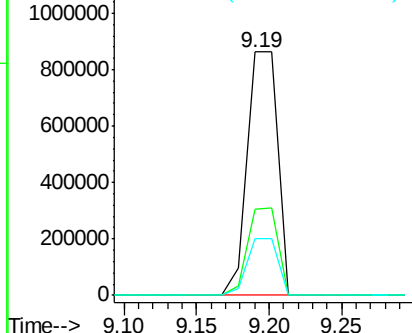
#44
2-Fluorobiphenyl
Concen: 74.05 ng
RT: 9.19 min Scan# 604
Delta R.T. -0.01 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B6-B7-B6A-B7A

Tot Ion:172 Resp: 1254271
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.0
170 23.5 19.7 29.5

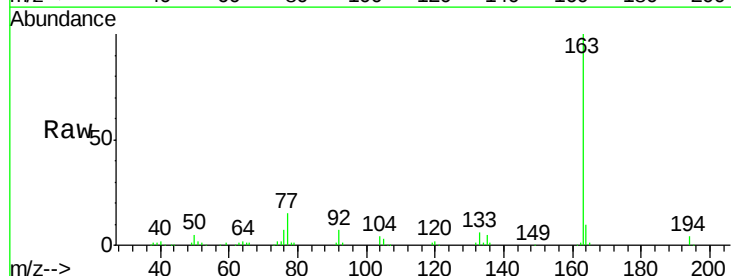


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

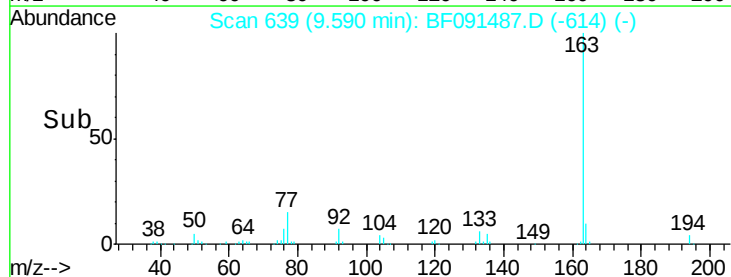
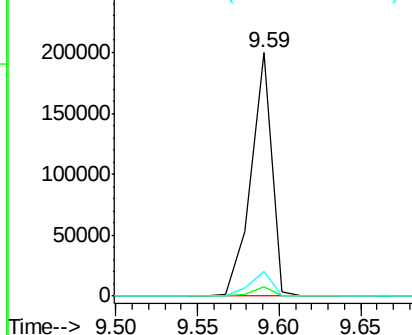


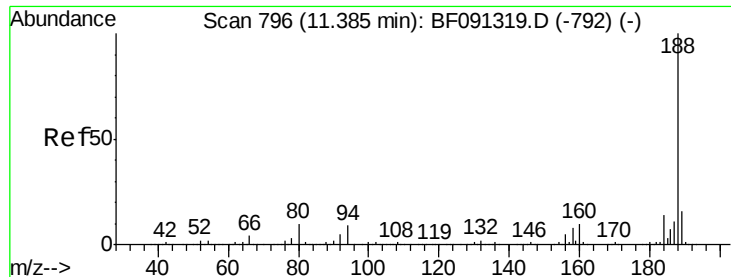
#49
Dimethylphthalate
Concen: 9.51 ng
RT: 9.59 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Tgt Ion:163 Resp: 176548
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.1 7.8 11.8



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

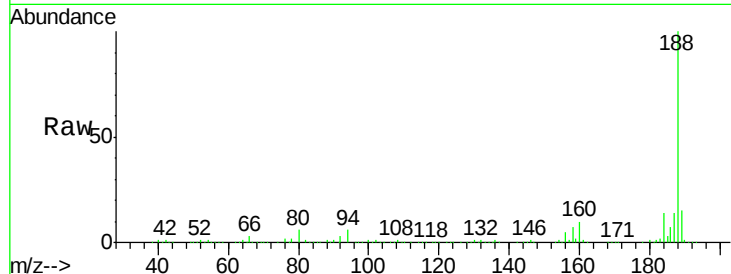




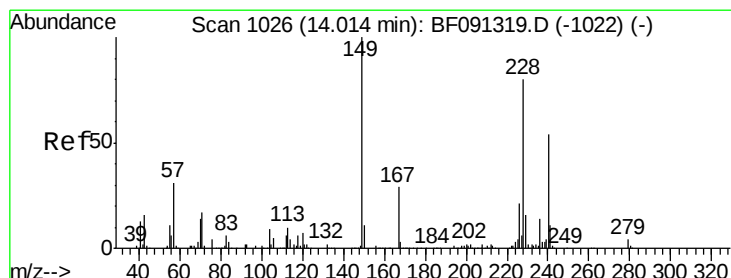
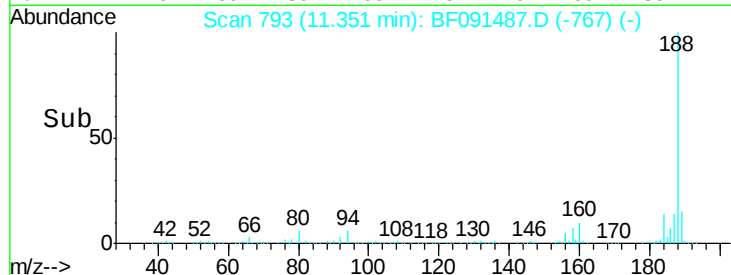
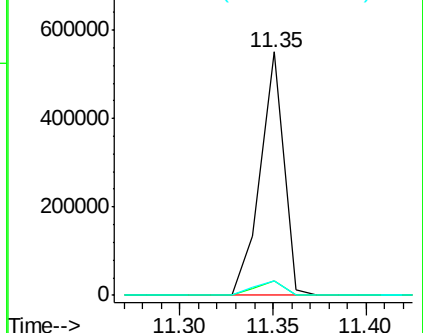
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B6-B7-B6A-B7A

Tot Ion:188 Resp: 480090
Ion Ratio Lower Upper
188 100
94 5.7 9.2 13.8#
80 6.0 10.5 15.7#

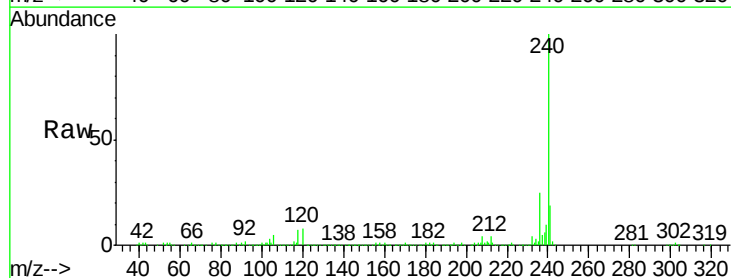


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

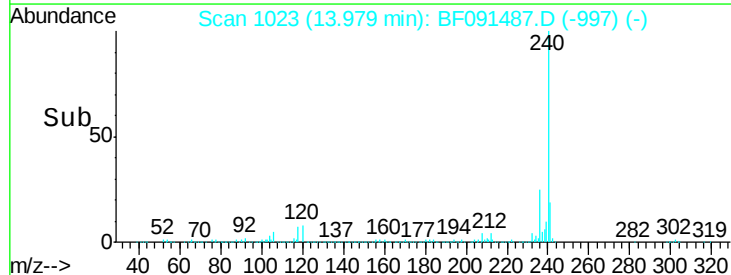
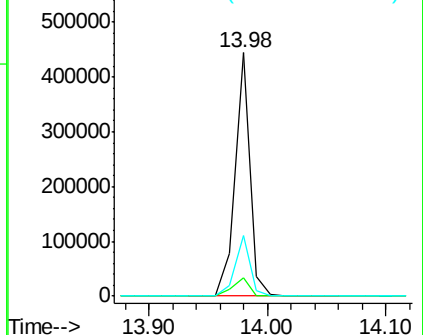


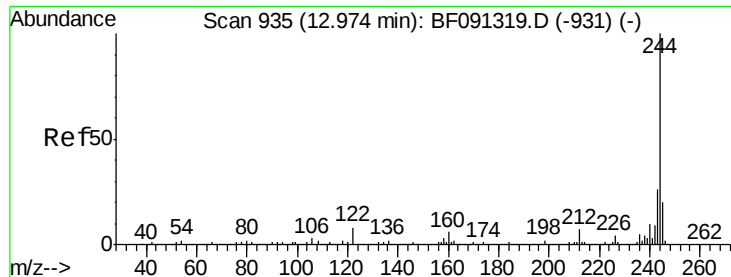
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF091487.D
Acq: 7 Dec 2016 23:30

Tgt Ion:240 Resp: 388275
Ion Ratio Lower Upper
240 100
120 7.6 12.1 18.1#
236 25.1 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

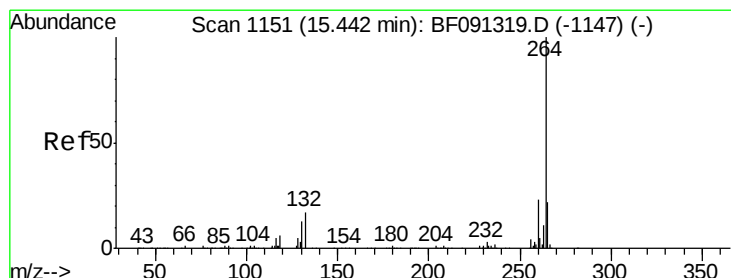
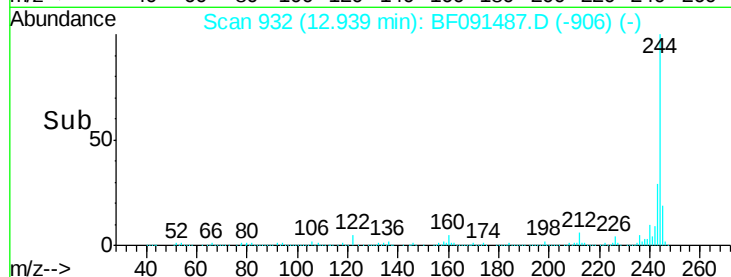
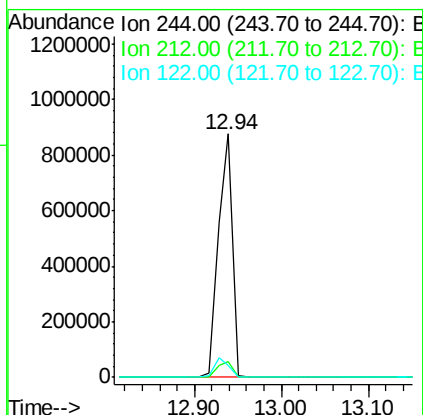
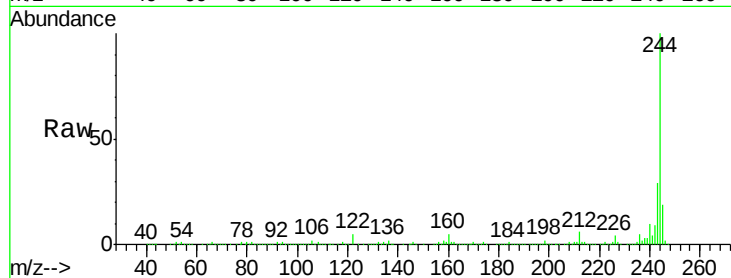




#78
 Terphenyl-d14
 Concen: 56.23 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BF091487.D
 Acq: 7 Dec 2016 23:30

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-B6-B7-B6A-B7A

Tot Ion:244 Resp: 1004549
 Ion Ratio Lower Upper
 244 100
 212 6.3 6.5 9.7#
 122 4.9 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF091487.D
 Acq: 7 Dec 2016 23:30

Tgt Ion:264 Resp: 299588
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 22.0 17.0 25.6

