

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
 Data File : BF091496.D
 Acq On : 8 Dec 2016 4:36
 Operator : UM/SJ
 Sample : H5867-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-03-01

Quant Time: Dec 08 06:36:44 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	156169	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	599495	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	306930	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	533305	20.00	ng	0.00
75) Chrysene-d12	13.98	240	356610	20.00	ng	0.00
86) Perylene-d12	15.40	264	238225	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	985427	103.08	ng	0.02
7) Phenol-d6	6.47	99	968338	82.29	ng	0.00
23) Nitrobenzene-d5	7.40	82	751877	70.29	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	355002	122.17	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1564677	92.30	ng	-0.01
78) Terphenyl-d14	12.94	244	1458552	88.90	ng	0.00

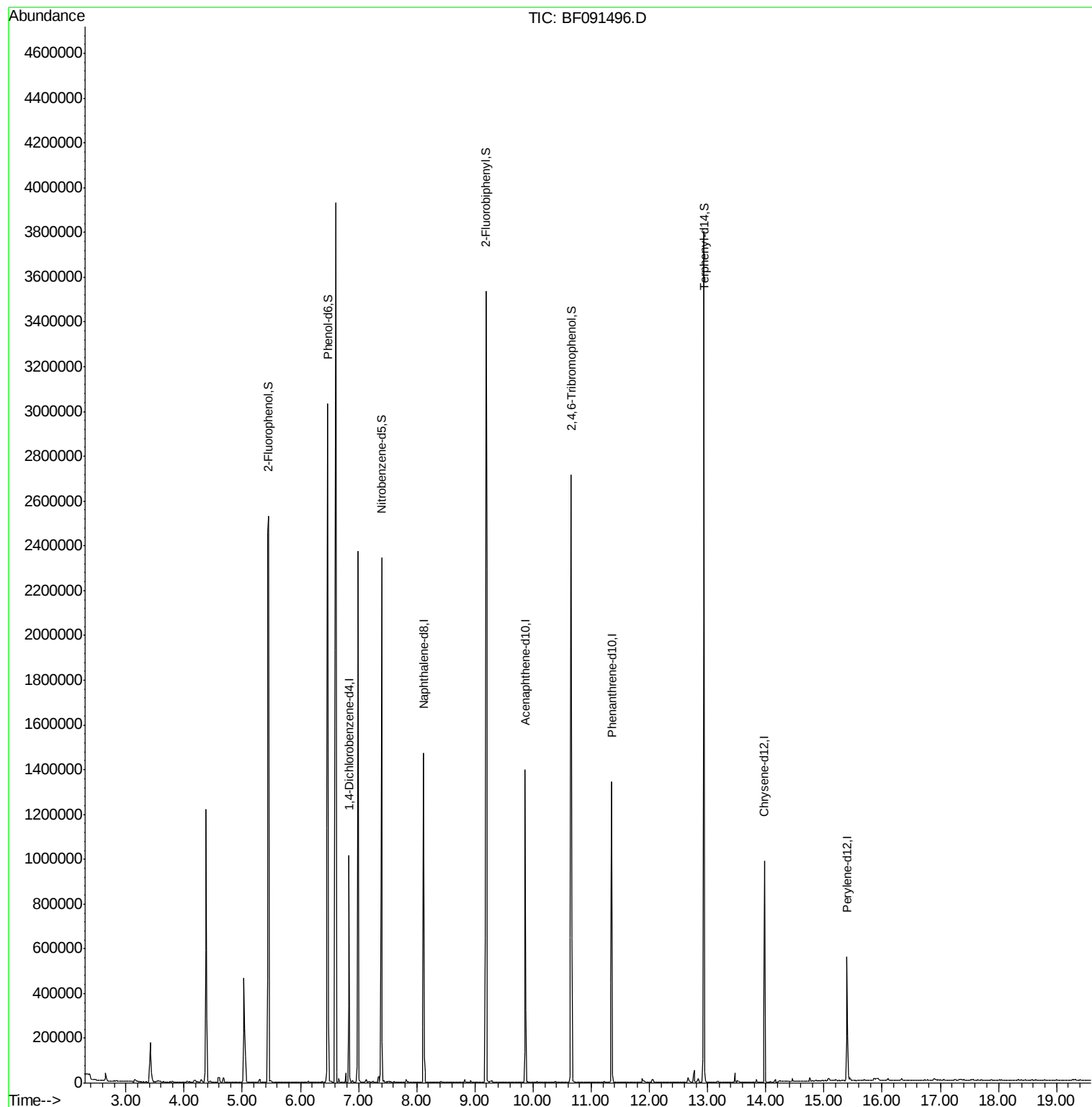
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091496.D
Acq On : 8 Dec 2016 4:36
Operator : UM/SJ
Sample : H5867-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-03-01

Quant Time: Dec 08 06:36:44 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF091496.D

Acq: 8 Dec 2016 4:36

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-03-01

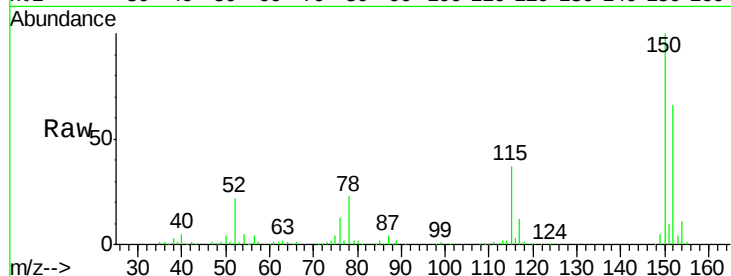
Tot Ion:152 Resp: 156169

Ion Ratio Lower Upper

152 100

150 151.2 122.5 183.7

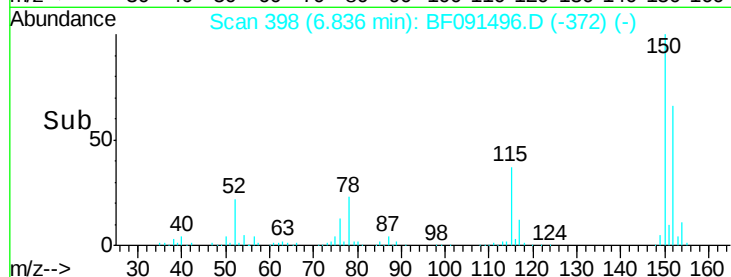
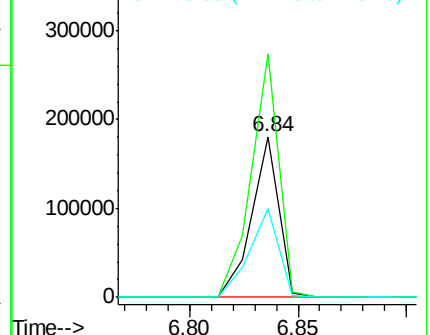
115 55.5 51.8 77.8



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: 103.08 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.02 min

Lab File: BF091496.D

Acq: 8 Dec 2016 4:36

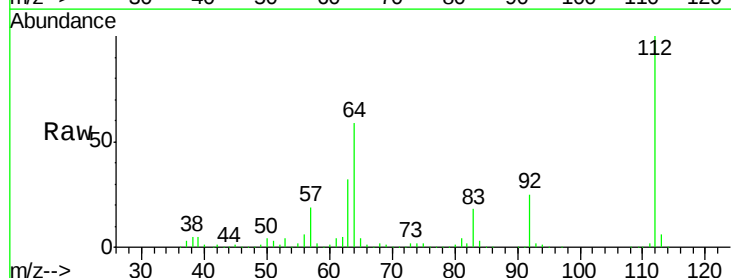
Tgt Ion:112 Resp: 985427

Ion Ratio Lower Upper

112 100

64 58.8 61.5 92.3#

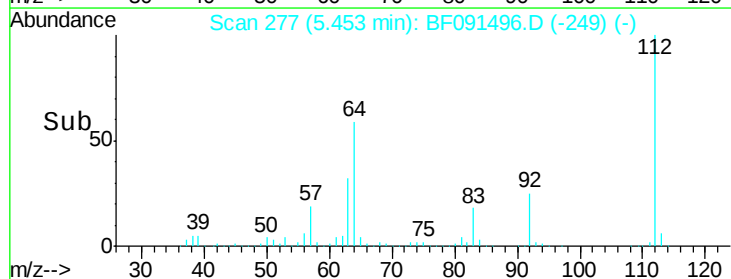
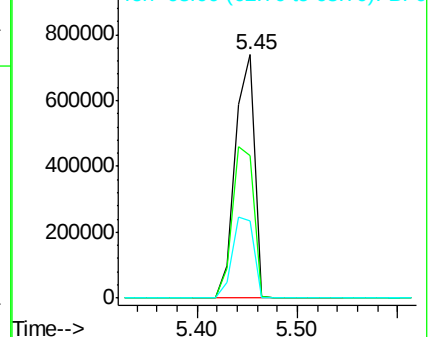
63 31.7 33.3 49.9#

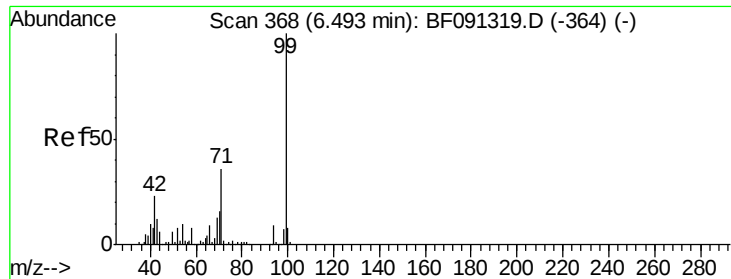


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 82.29 ng

RT: 6.47 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF091496.D

Acq: 8 Dec 2016 4:36

Instrument :

BNA_F

ClientSampleId :

N002-WD-A5-03-01

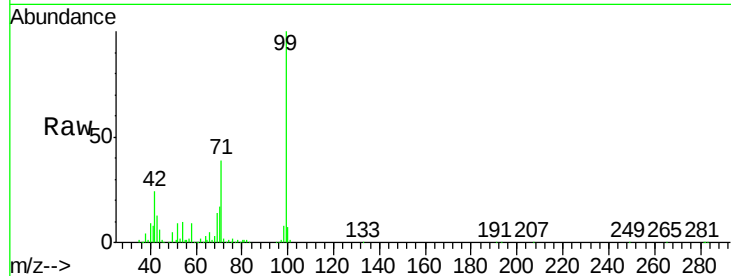
Tot Ion: 99 Resp: 968338

Ion Ratio Lower Upper

99 100

42 24.0 20.6 31.0

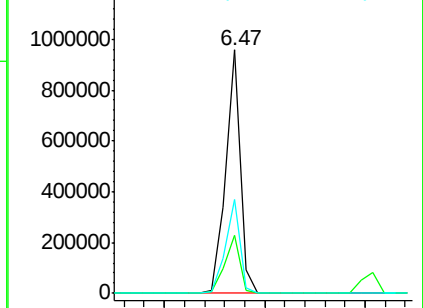
71 38.7 29.9 44.9



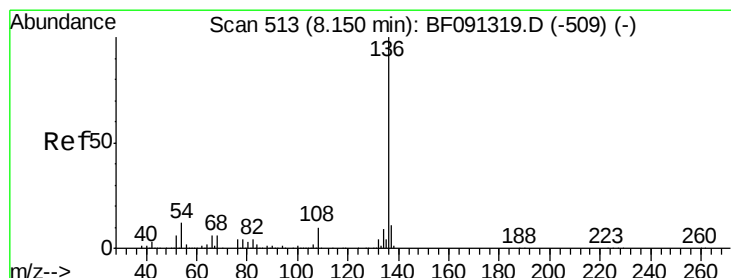
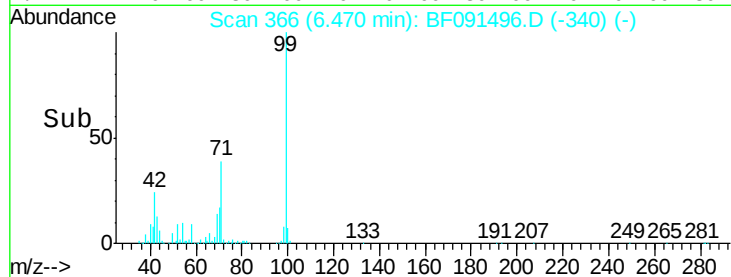
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF091496.D

Acq: 8 Dec 2016 4:36

Tgt Ion: 136 Resp: 599495

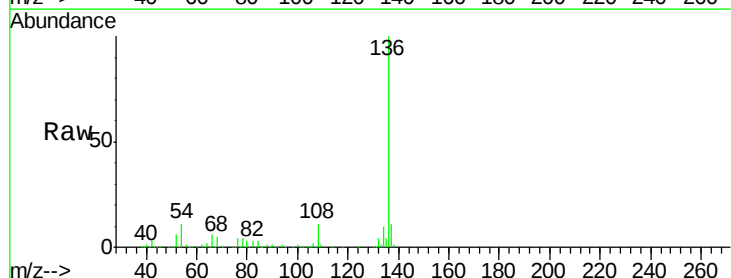
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 11.2 9.1 13.7

68 5.1 5.9 8.9#

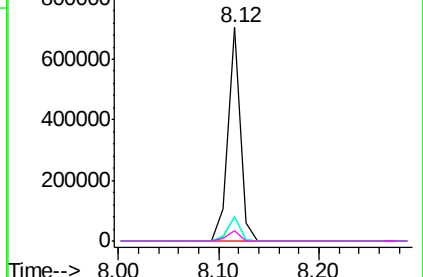


Abundance Ion 136.00 (135.70 to 136.70): E

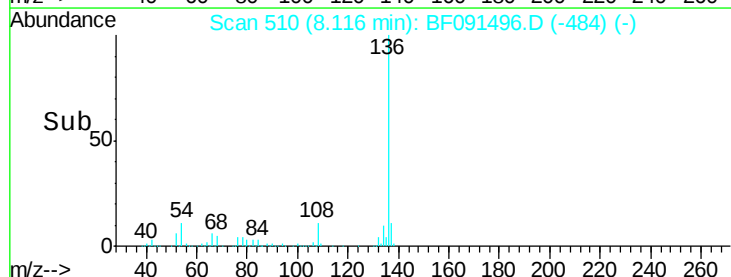
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

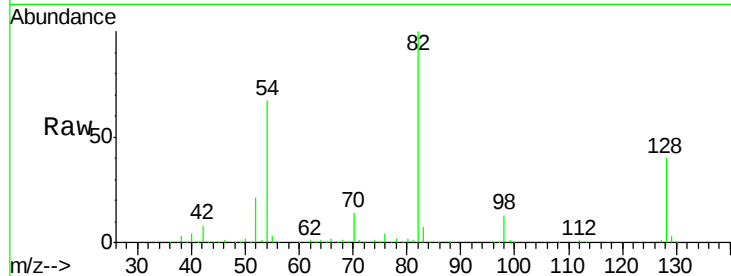




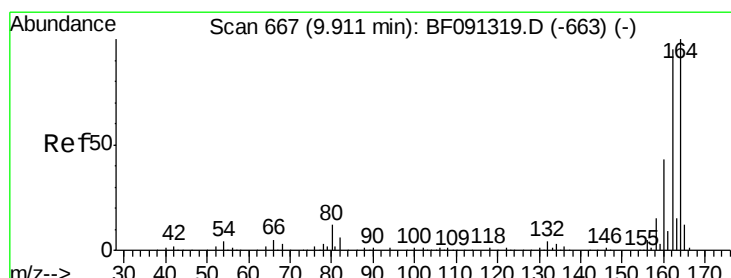
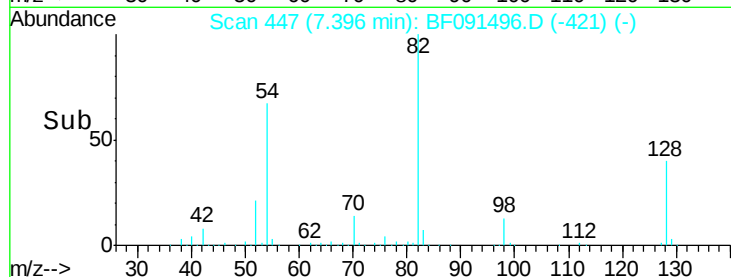
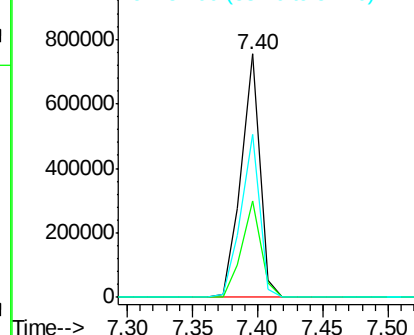
#23
 Nitrobenzene-d5
 Concen: 70.29 ng
 RT: 7.40 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF091496.D
 Acq: 8 Dec 2016 4:36

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-03-01

Tot Ion	82	Resp	751877
Ion Ratio	100	Lower	Upper
128	39.5	31.8	47.6
54	66.9	49.1	73.7

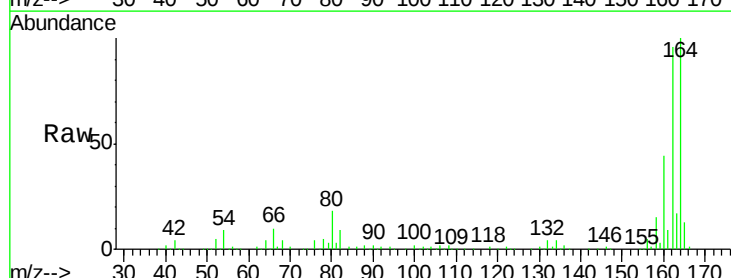


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

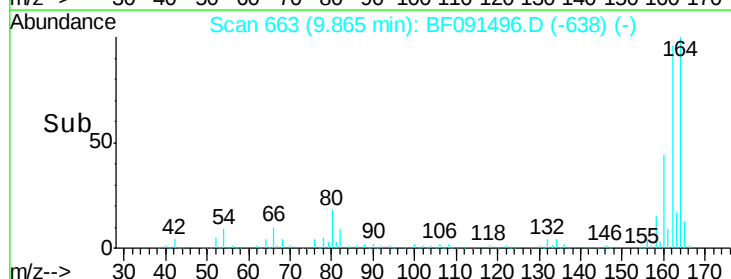
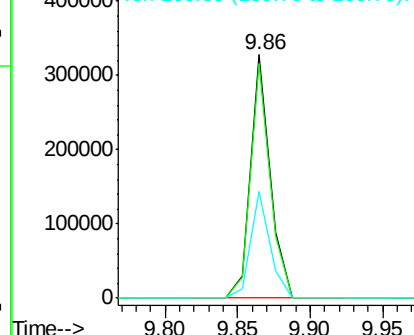


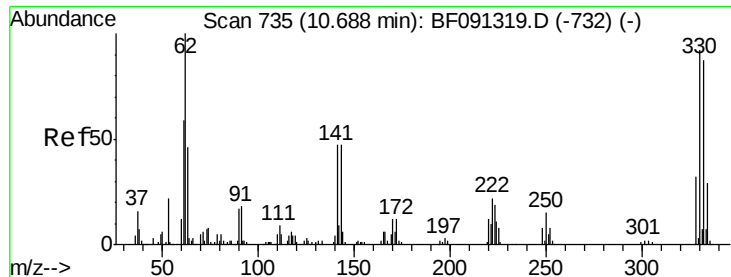
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF091496.D
 Acq: 8 Dec 2016 4:36

Tgt Ion	164	Resp	306930
Ion Ratio	100	Lower	Upper
162	96.2	82.6	124.0
160	43.6	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

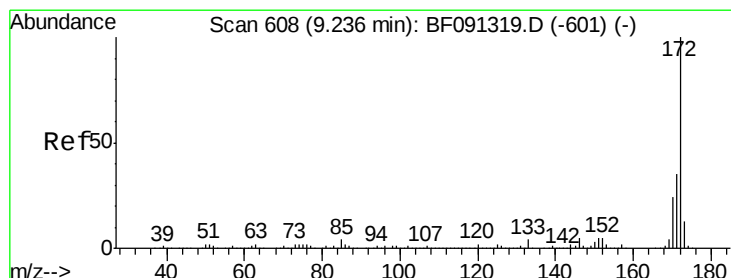
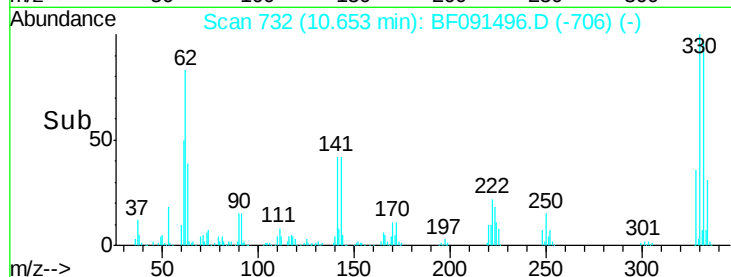
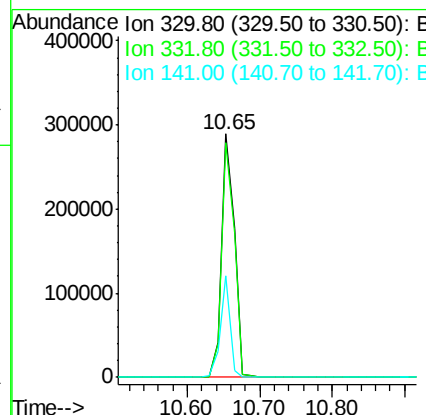
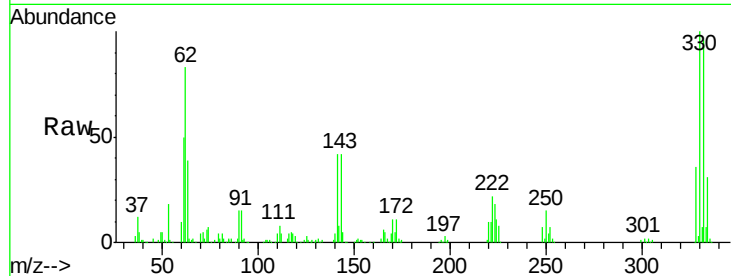




#41
 2,4,6-Tribromophenol
 Concen: 122.17 ng
 RT: 10.65 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF091496.D
 Acq: 8 Dec 2016 4:36

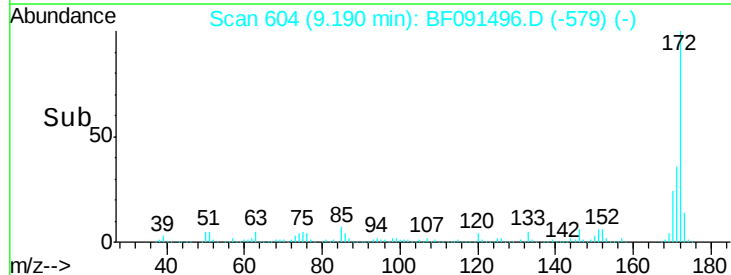
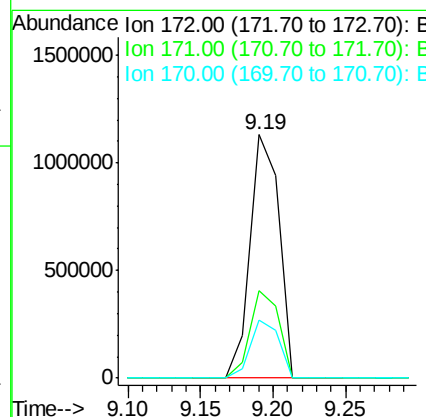
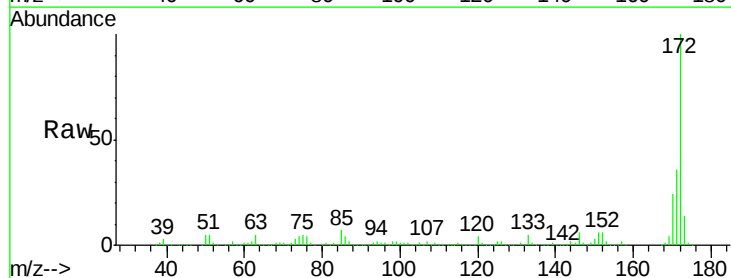
Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-03-01

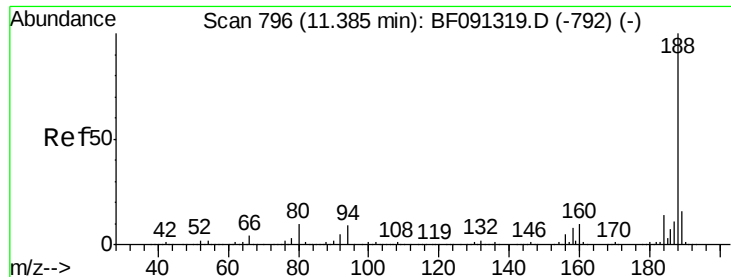
Tot Ion:330 Resp: 355002
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.2 114.4
 141 31.2 33.6 50.4#



#44
 2-Fluorobiphenyl
 Concen: 92.30 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF091496.D
 Acq: 8 Dec 2016 4:36

Tgt Ion:172 Resp: 1564677
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 23.9 19.7 29.5

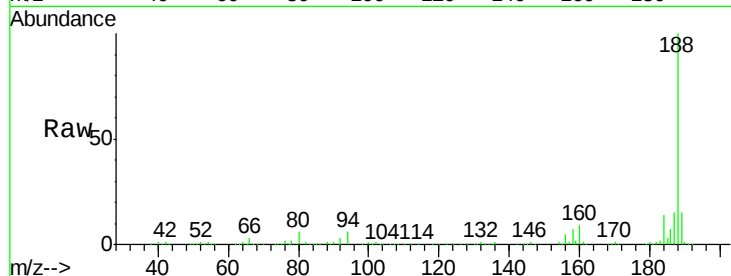




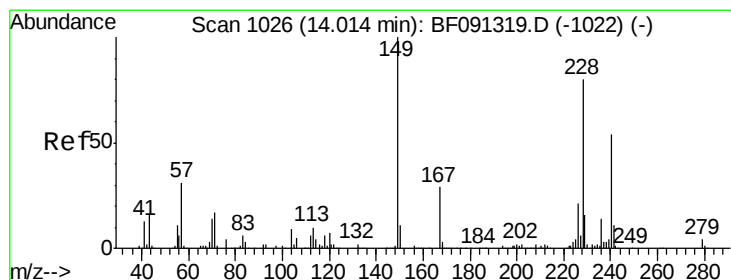
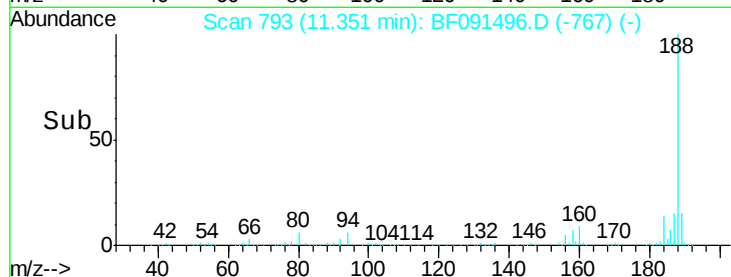
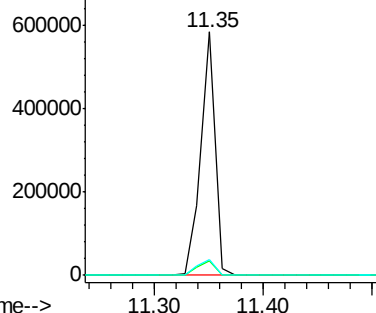
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF091496.D
Acq: 8 Dec 2016 4:36

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-03-01

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.9	9.2	13.8#
80	6.3	10.5	15.7#

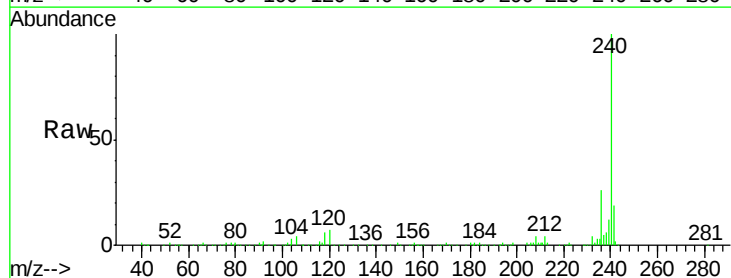


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

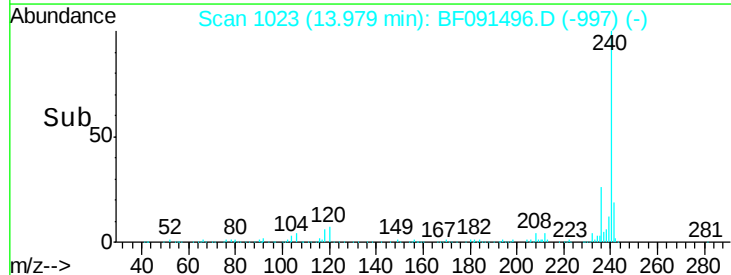
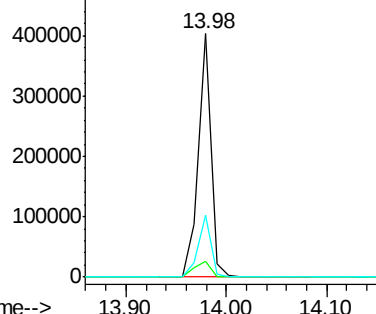


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF091496.D
Acq: 8 Dec 2016 4:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	12.1	18.1#
236	25.6	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

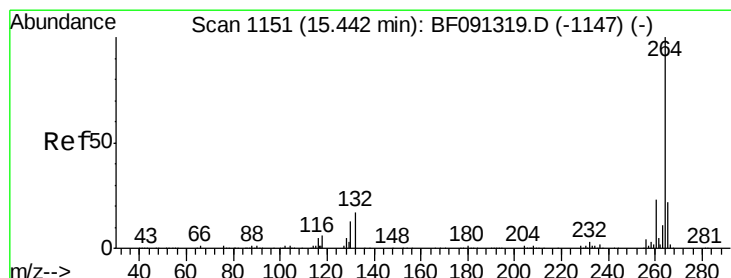
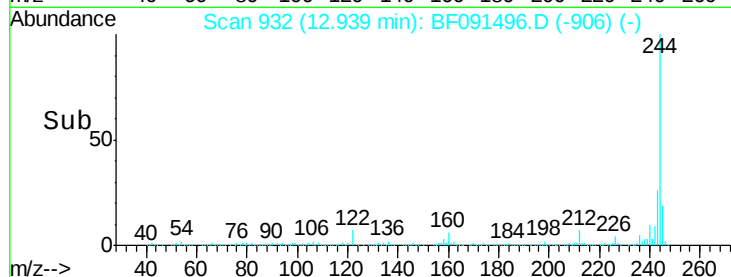
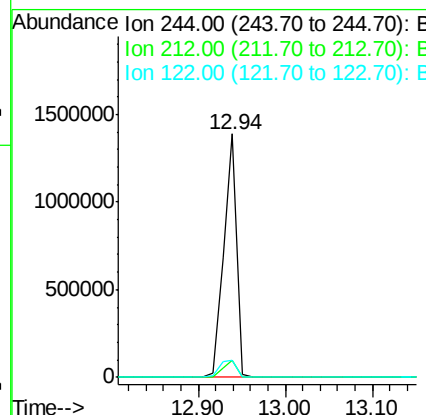
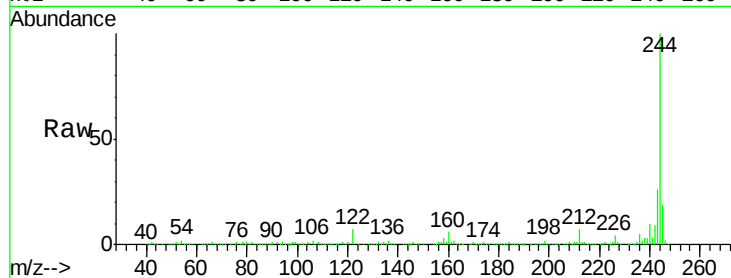




#78
 Terphenyl-d14
 Concen: 88.90 ng
 RT: 12.94 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: BF091496.D
 Acq: 8 Dec 2016 4:36

Instrument :
 BNA_F
 ClientSampleId :
 N002-WD-A5-03-01

Tot Ion:244 Resp: 1458552
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.5 9.7
 122 7.2 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: BF091496.D
 Acq: 8 Dec 2016 4:36

Tgt Ion:264 Resp: 238225
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.8 28.2
 265 21.3 17.0 25.6

