

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
 Data File : BF091361.D
 Acq On : 30 Nov 2016 18:24
 Operator : UM/SJ
 Sample : H5779-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112816-DSDC-F-D-B

Quant Time: Dec 01 00:44:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

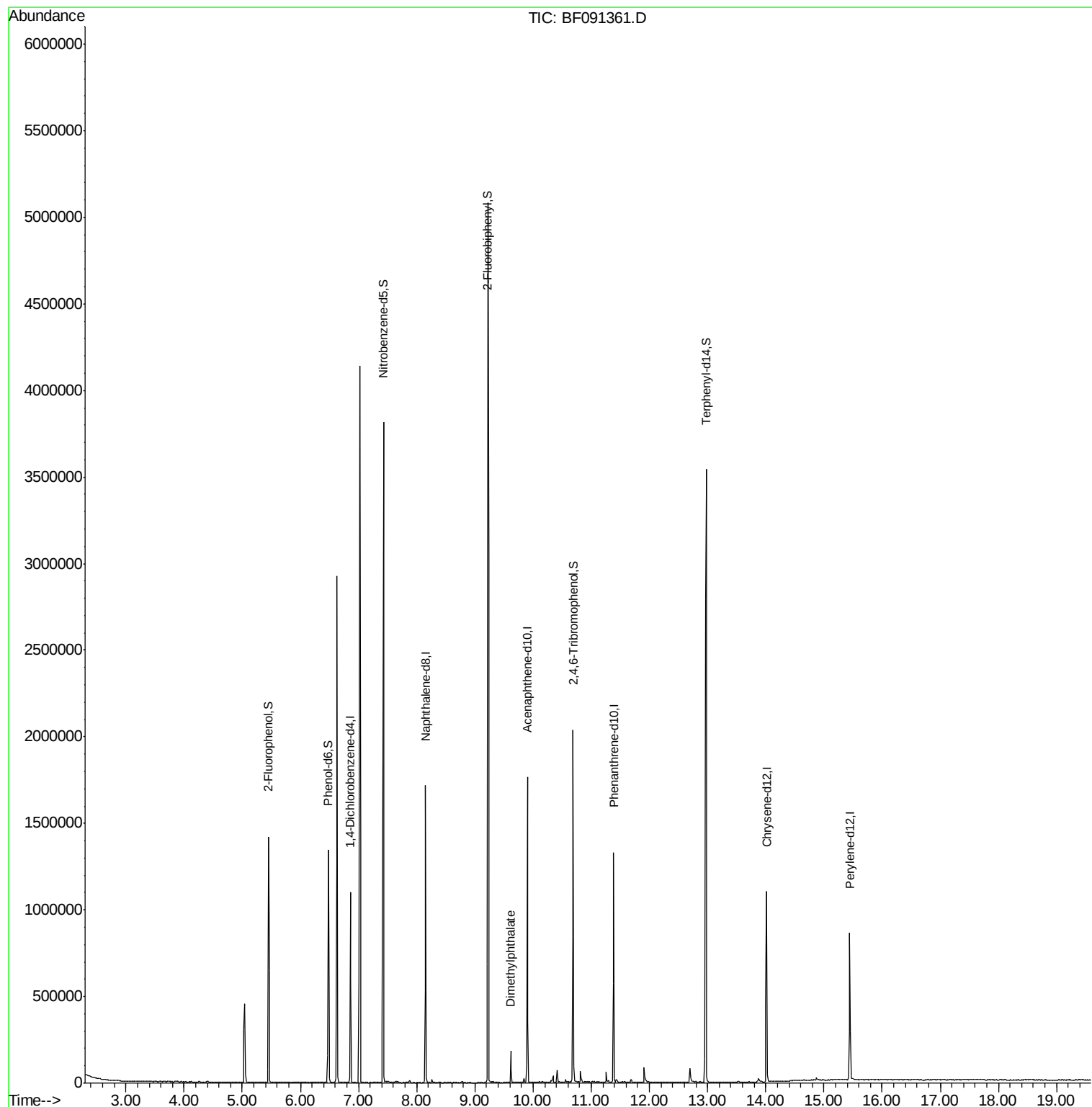
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	185386	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	759202	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	365736	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	552613	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	431944	20.00	ng	-0.03
86) Perylene-d12	15.44	264	384629	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	390760	34.43	ng	-0.02
7) Phenol-d6	6.48	99	353929	25.34	ng	-0.02
23) Nitrobenzene-d5	7.43	82	1310463	96.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	254826	73.60	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	2110177	104.47	ng	-0.02
78) Terphenyl-d14	12.97	244	1594453	80.23	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.61	163	77228	3.49	ng	Qvalue 96

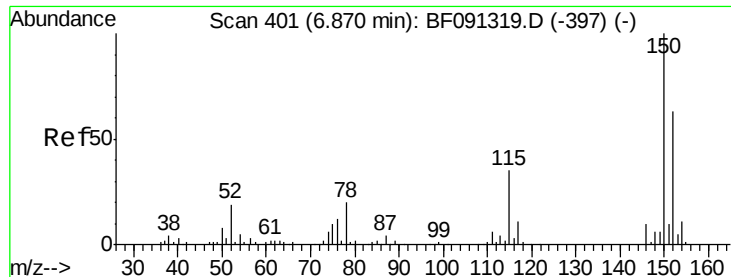
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091361.D

Acq: 30 Nov 2016 18:24

Instrument :

BNA_F

ClientSampleId :

112816-DSDC-F-D-B

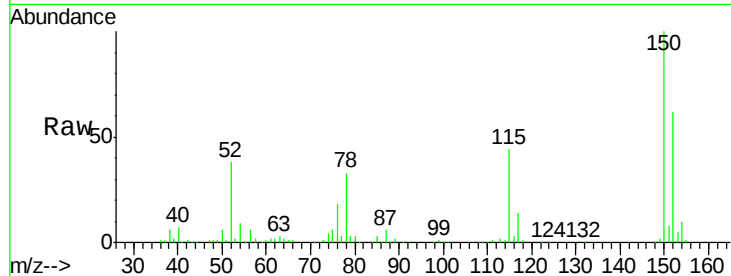
Tot Ion:152 Resp: 185386

Ion Ratio Lower Upper

152 100

150 161.8 122.5 183.7

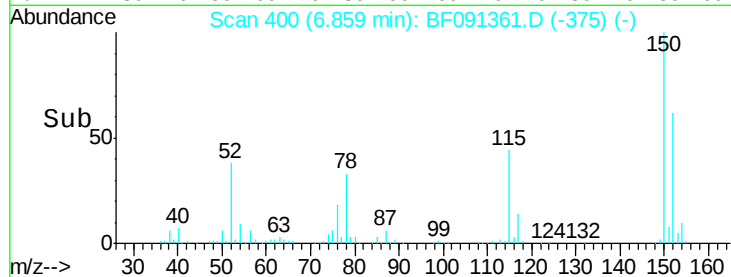
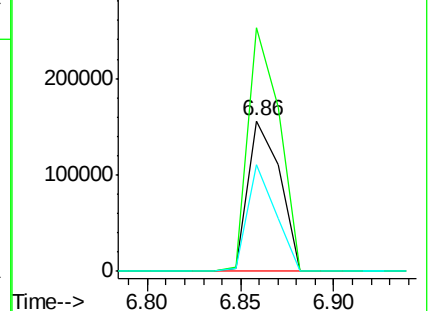
115 70.8 51.8 77.8



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: 34.43 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091361.D

Acq: 30 Nov 2016 18:24

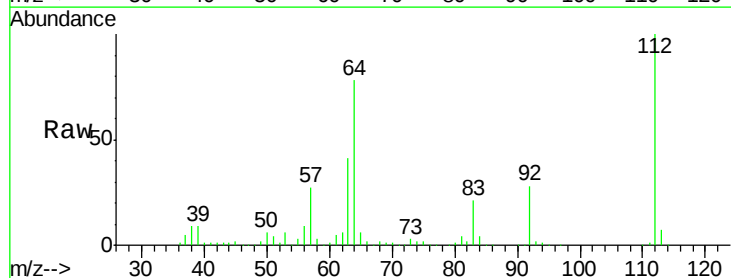
Tgt Ion:112 Resp: 390760

Ion Ratio Lower Upper

112 100

64 78.5 61.5 92.3

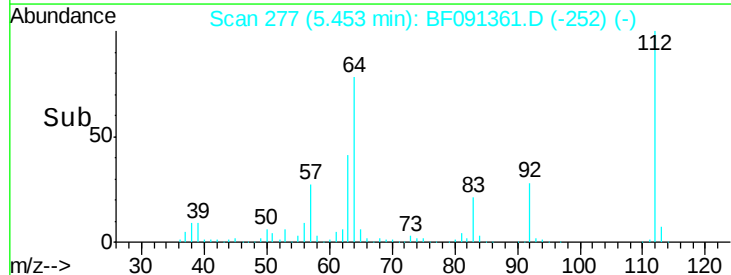
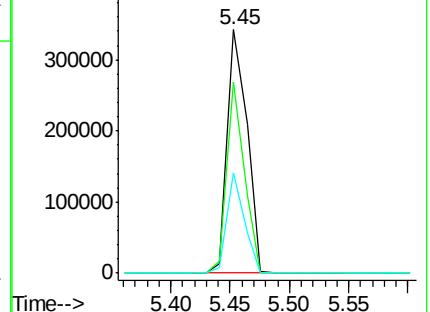
63 41.2 33.3 49.9



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: 25.34 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091361.D

Acq: 30 Nov 2016 18:24

Instrument :

BNA_F

ClientSampleId :

112816-DSDC-F-D-B

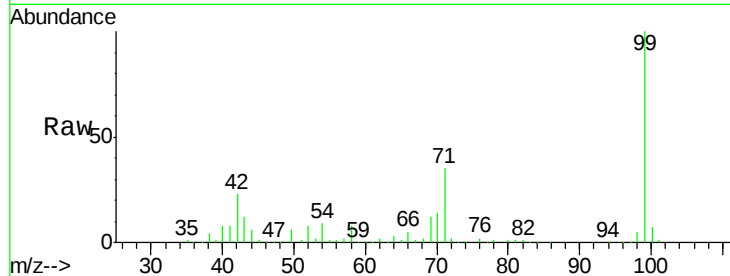
Tot Ion: 99 Resp: 353929

Ion Ratio Lower Upper

99 100

42 22.7 20.6 31.0

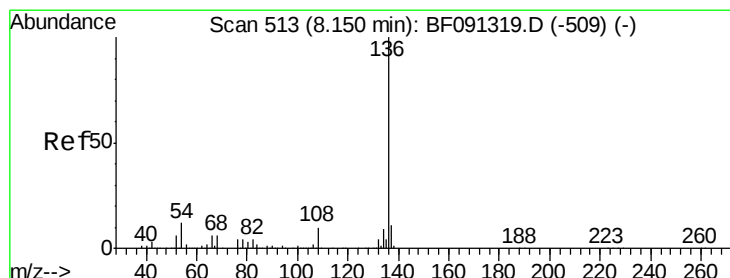
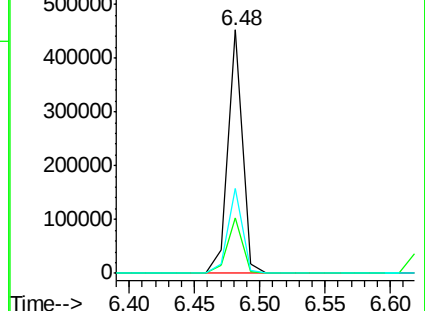
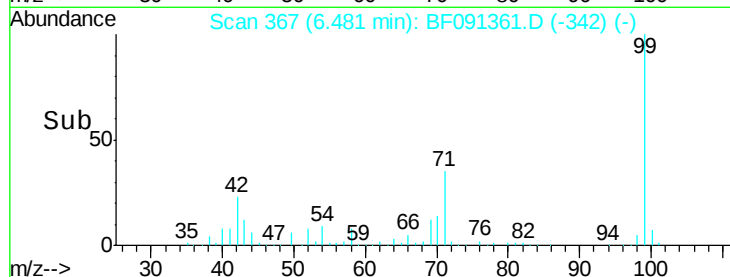
71 35.1 29.9 44.9



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091361.D

Acq: 30 Nov 2016 18:24

Tgt Ion: 136 Resp: 759202

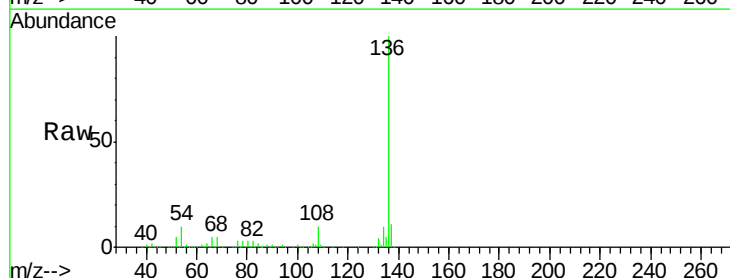
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 9.8 9.1 13.7

68 4.8 5.9 8.9#

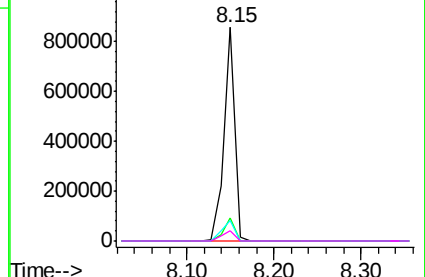
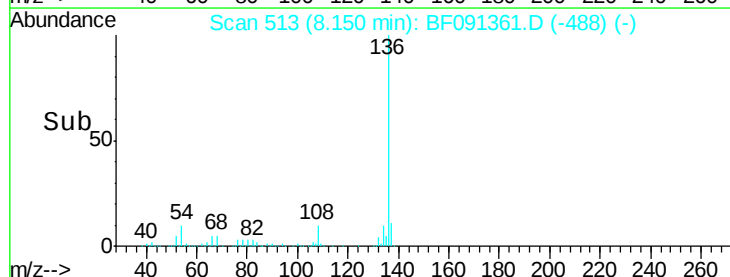


Abundance Ion 136.00 (135.70 to 136.70): E

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

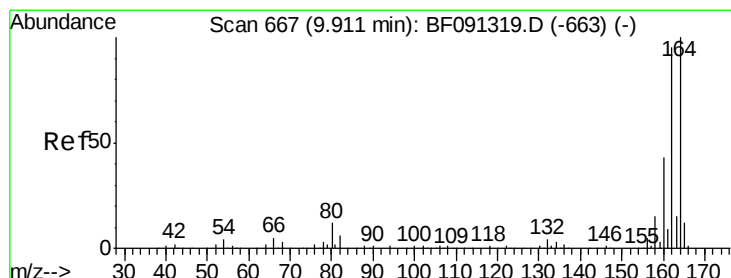
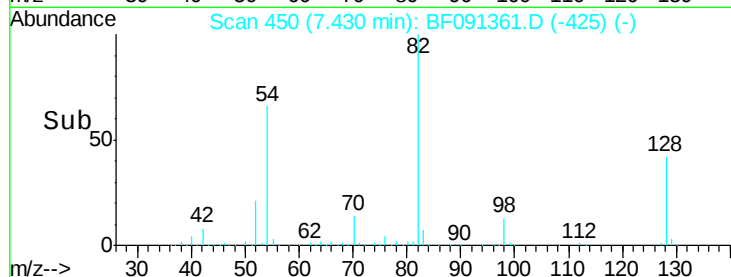
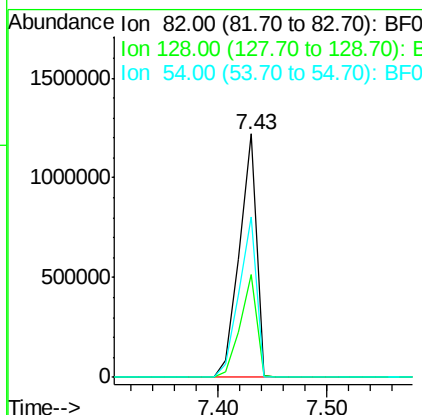
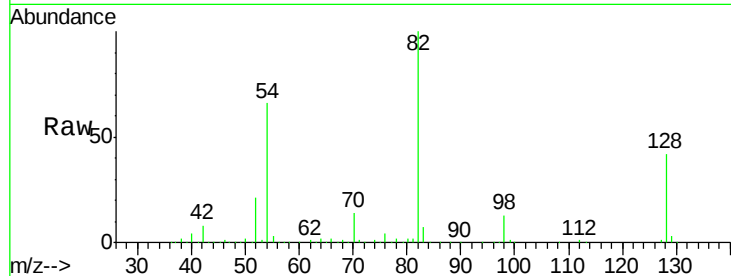




#23
Nitrobenzene-d5
Concen: 96.73 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF091361.D
Acq: 30 Nov 2016 18:24

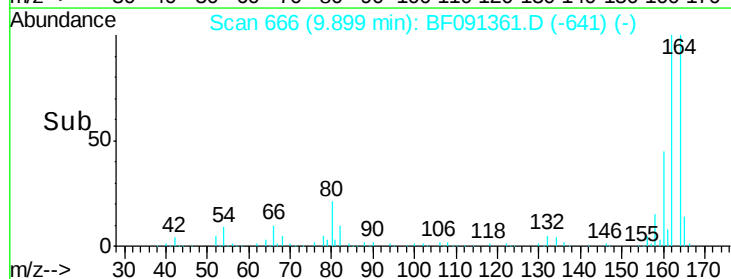
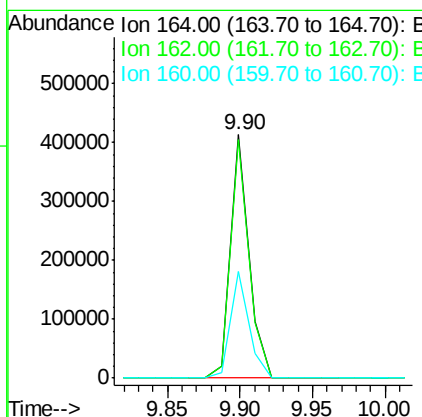
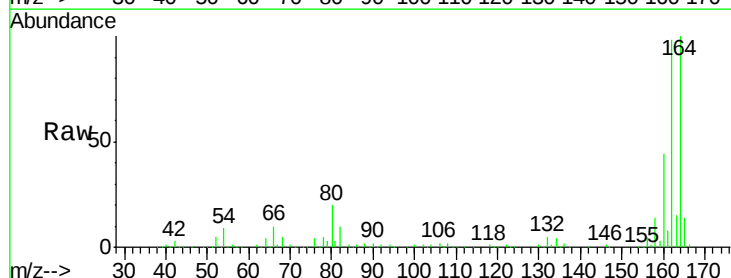
Instrument :
BNA_F
ClientSampleId :
112816-DSDC-F-D-B

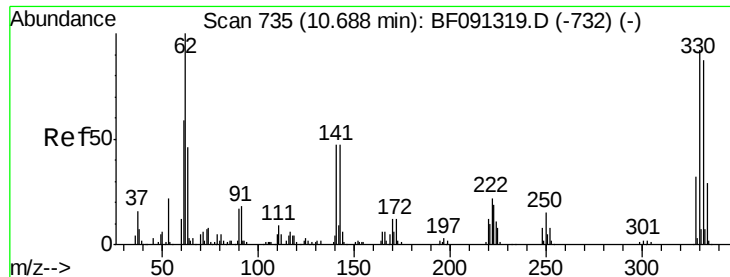
Tot Ion: 82 Resp: 1310463
Ion Ratio Lower Upper
82 100
128 42.3 31.8 47.6
54 65.9 49.1 73.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091361.D
Acq: 30 Nov 2016 18:24

Tgt Ion: 164 Resp: 365736
Ion Ratio Lower Upper
164 100
162 98.0 82.6 124.0
160 43.6 36.7 55.1

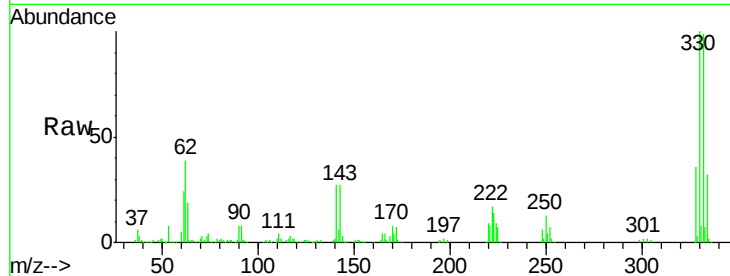




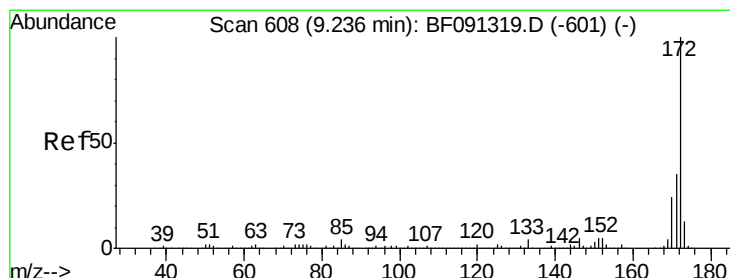
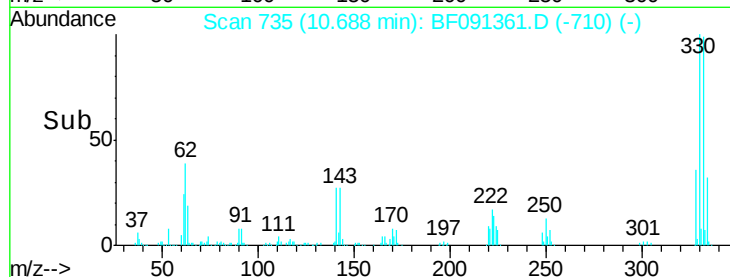
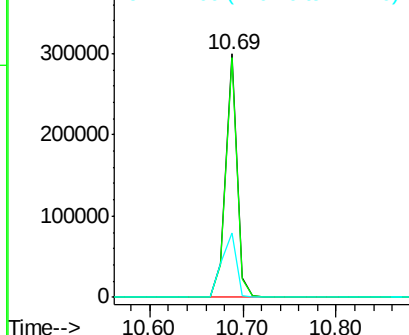
#41
 2,4,6-Tribromophenol
 Concen: 73.60 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091361.D
 Acq: 30 Nov 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 112816-DSDC-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.2	114.4
141	33.7	33.6	50.4

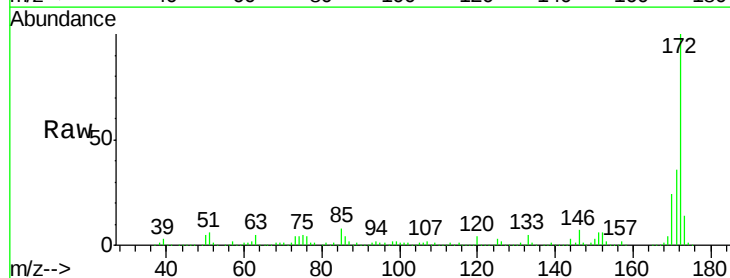


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

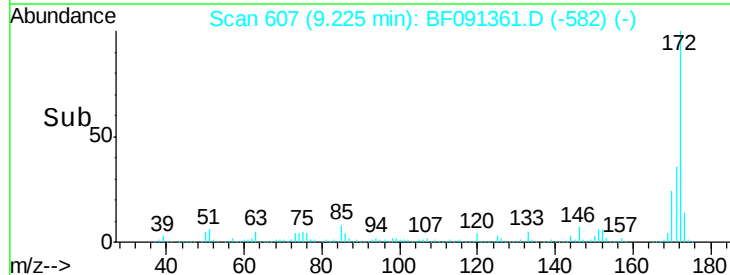
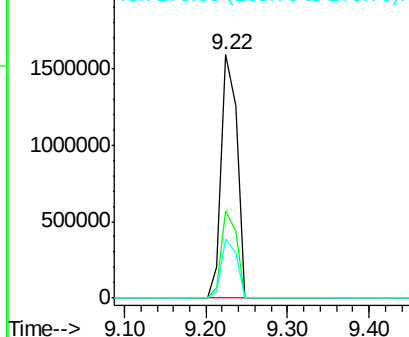


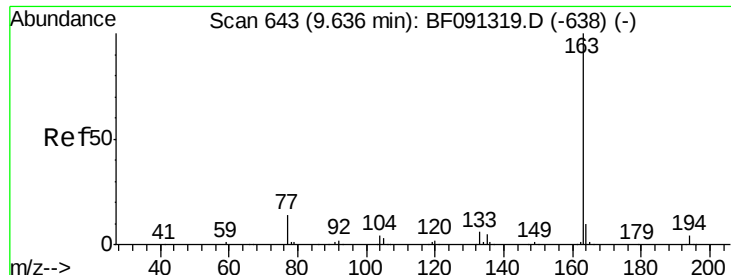
#44
 2-Fluorobiphenyl
 Concen: 104.47 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091361.D
 Acq: 30 Nov 2016 18:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.4	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

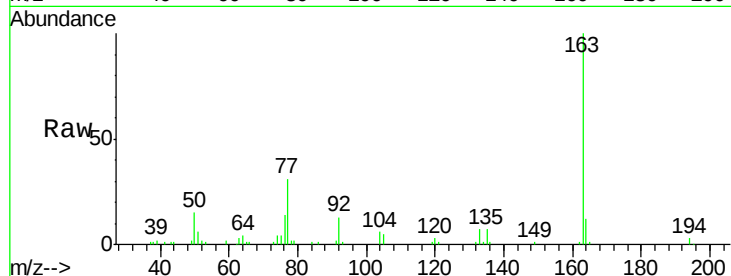




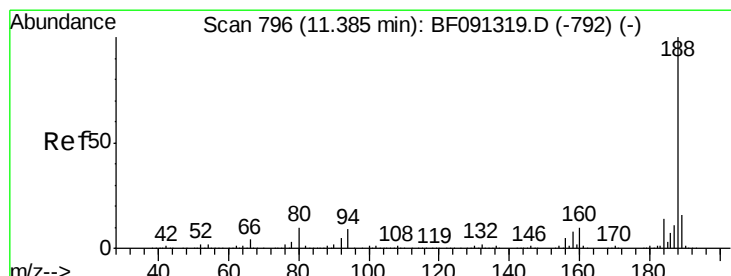
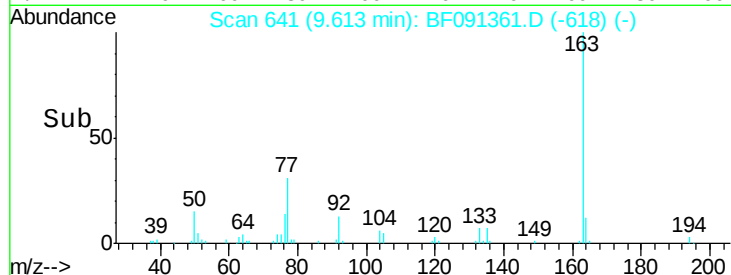
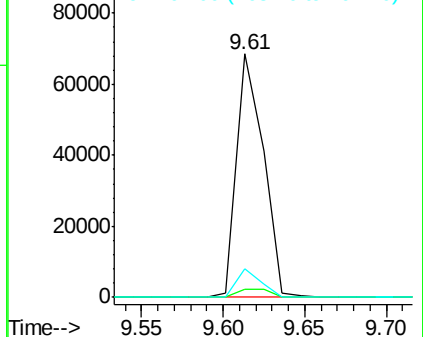
#49
Dimethylphthalate
Concen: 3.49 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091361.D
Acq: 30 Nov 2016 18:24

Instrument :
BNA_F
ClientSampleId :
112816-DSDC-F-D-B

Tot Ion:163 Resp: 77228
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 11.7 7.8 11.8

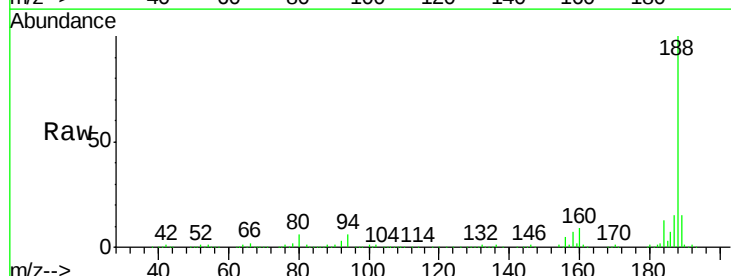


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

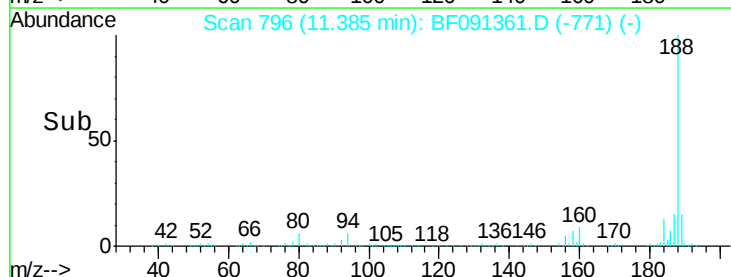
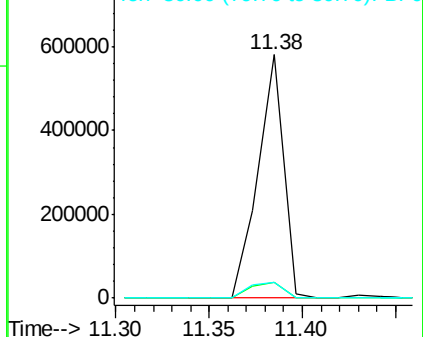


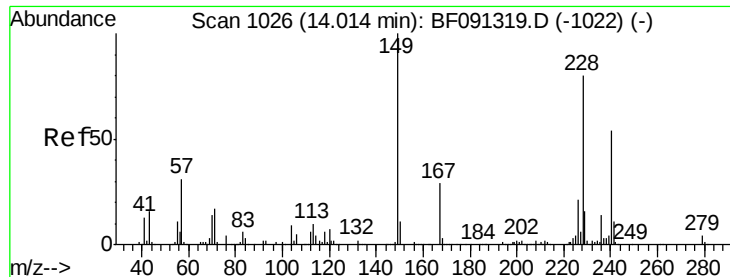
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091361.D
Acq: 30 Nov 2016 18:24

Tgt Ion:188 Resp: 552613
Ion Ratio Lower Upper
188 100
94 6.2 9.2 13.8#
80 6.5 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: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091361.D

Acq: 30 Nov 2016 18:24

Instrument :

BNA_F

ClientSampleId :

112816-DSDC-F-D-B

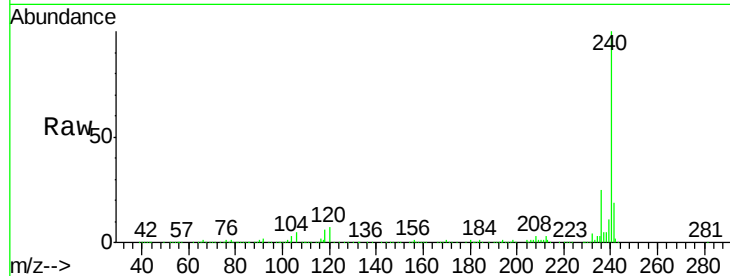
Tot Ion:240 Resp: 431944

Ion Ratio Lower Upper

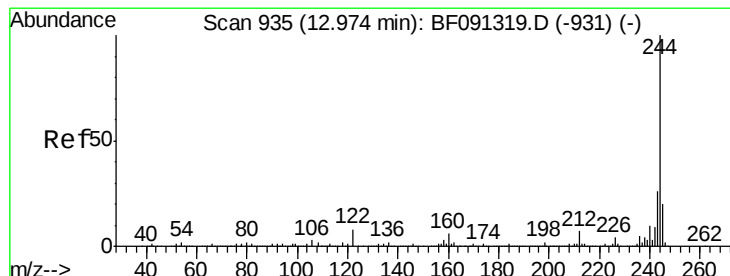
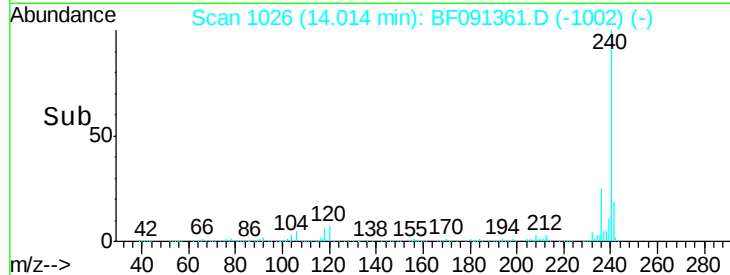
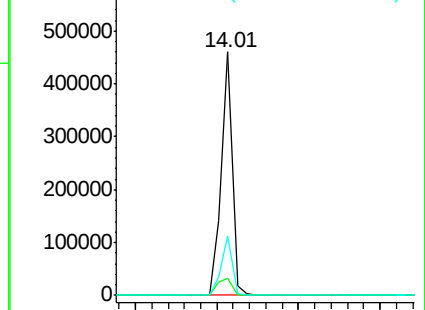
240 100

120 6.9 12.1 18.1#

236 24.6 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: 80.23 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091361.D

Acq: 30 Nov 2016 18:24

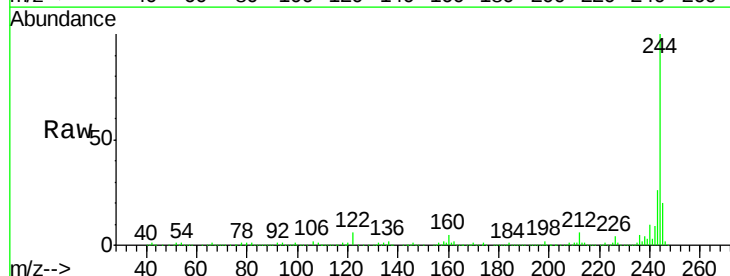
Tgt Ion:244 Resp: 1594453

Ion Ratio Lower Upper

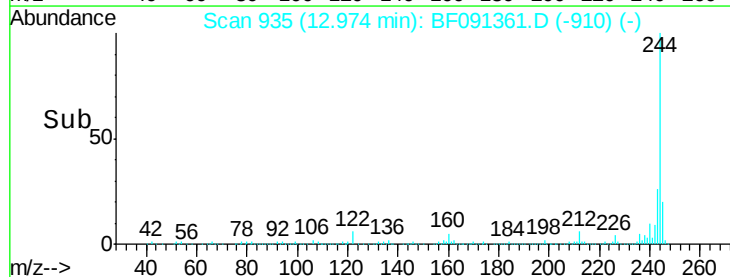
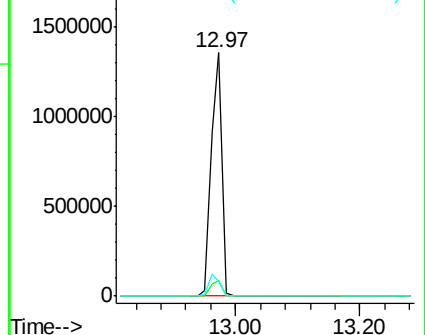
244 100

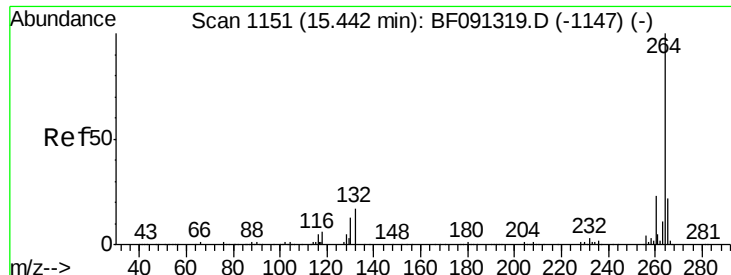
212 6.5 6.5 9.7#

122 5.9 9.5 14.3#



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

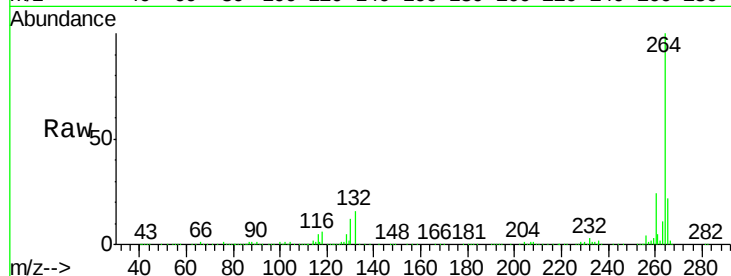




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091361.D
Acq: 30 Nov 2016 18:24

Instrument :
BNA_F
ClientSampleId :
112816-DSDC-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	22.1	17.0	25.6



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

