

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
 Data File : BF091358.D
 Acq On : 30 Nov 2016 17:00
 Operator : UM/SJ
 Sample : H5767-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112216-DSDC-E-D-S

Quant Time: Dec 01 00:38:31 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

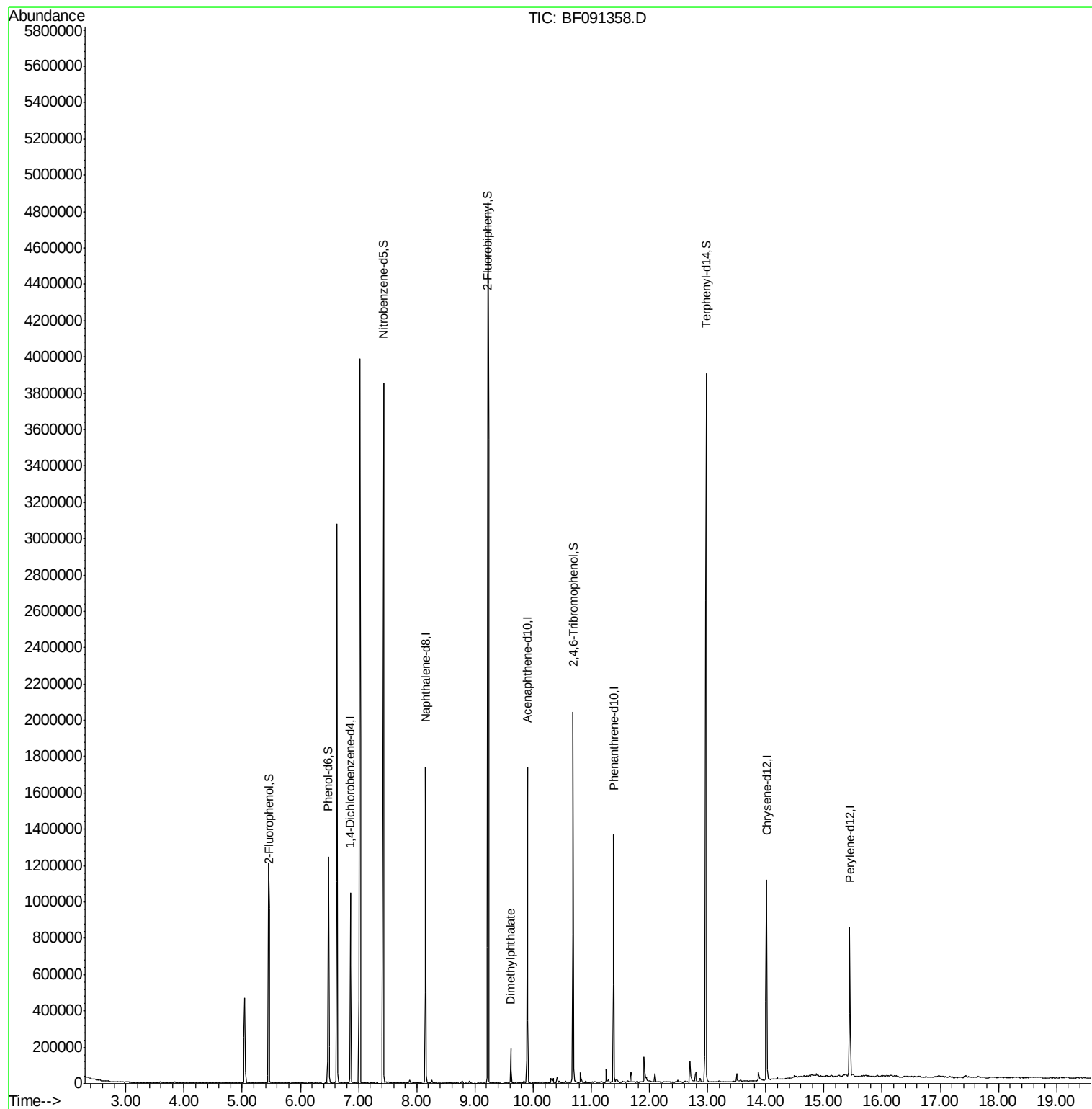
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	187295	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	758749	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	364425	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	554900	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	419942	20.00	ng	-0.03
86) Perylene-d12	15.44	264	388031	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	406144	35.42	ng	0.00
7) Phenol-d6	6.48	99	324095	22.96	ng	-0.02
23) Nitrobenzene-d5	7.43	82	1296246	95.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	260291	75.45	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	2178883	108.26	ng	-0.02
78) Terphenyl-d14	12.97	244	1636530	84.70	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.61	163	81292	3.68	ng	Qvalue 98

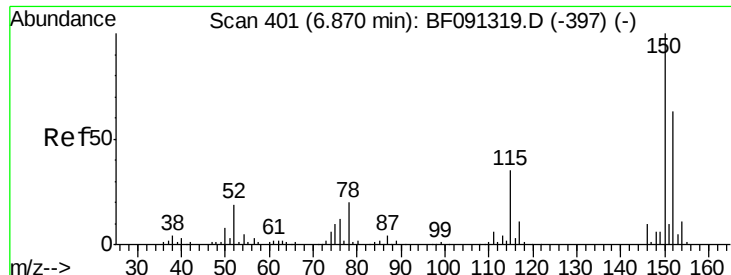
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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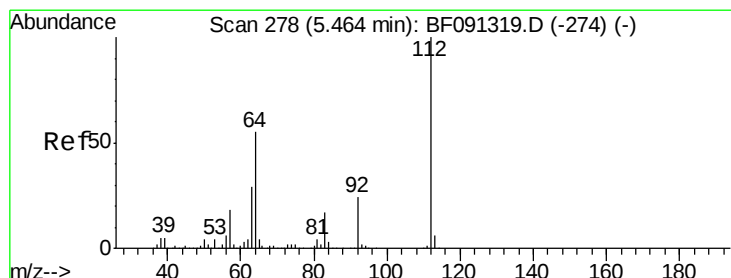
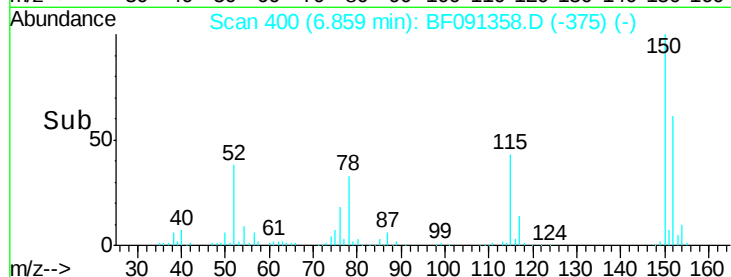
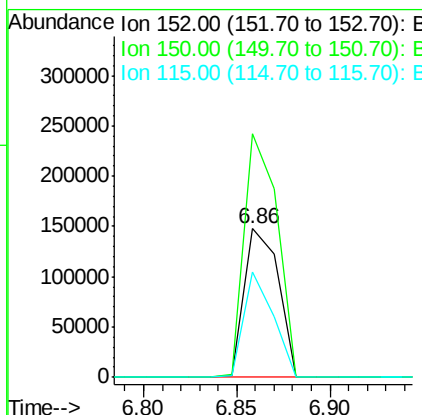
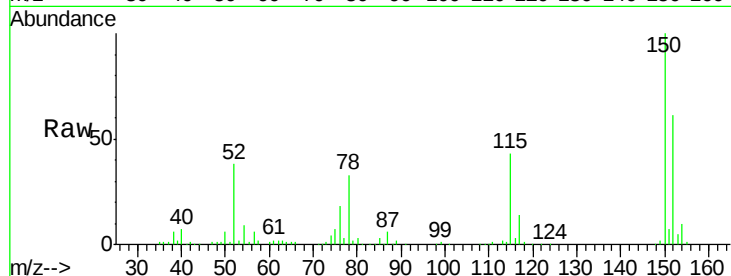




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 400
 Delta R.T. -0.02 min
 Lab File: BF091358.D
 Acq: 30 Nov 2016 17:00

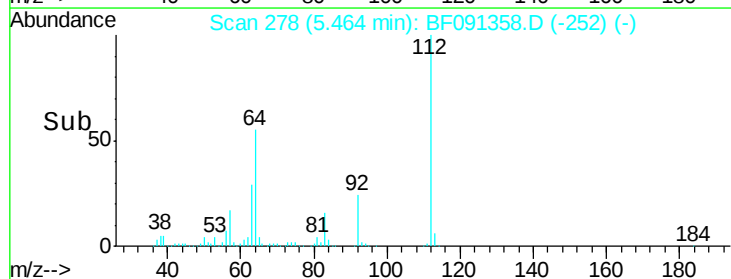
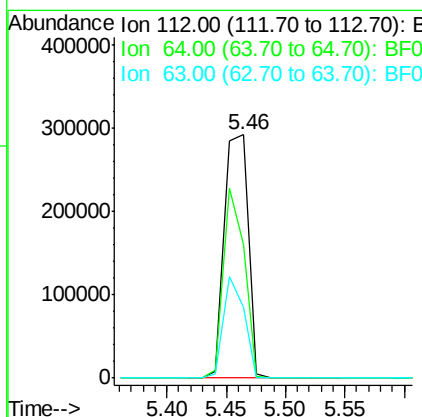
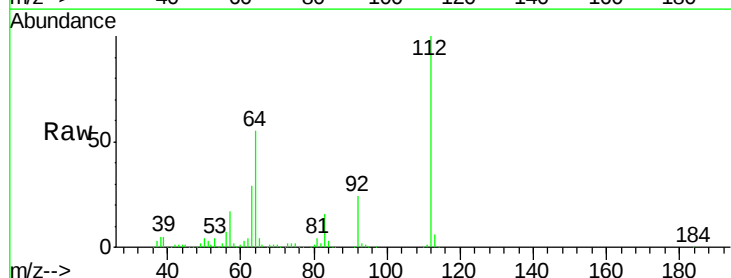
Instrument :
 BNA_F
 ClientSampleId :
 112216-DSDC-E-D-S

Tot Ion:152 Resp: 187295
 Ion Ratio Lower Upper
 152 100
 150 163.6 122.5 183.7
 115 70.5 51.8 77.8



#5
 2-Fluorophenol
 Concen: 35.42 ng
 RT: 5.46 min Scan# 278
 Delta R.T. -0.00 min
 Lab File: BF091358.D
 Acq: 30 Nov 2016 17:00

Tgt Ion:112 Resp: 406144
 Ion Ratio Lower Upper
 112 100
 64 55.0 61.5 92.3#
 63 29.2 33.3 49.9#





#7

Phenol-d6

Concen: 22.96 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091358.D

Acq: 30 Nov 2016 17:00

Instrument :

BNA_F

ClientSampleId :

112216-DSDC-E-D-S

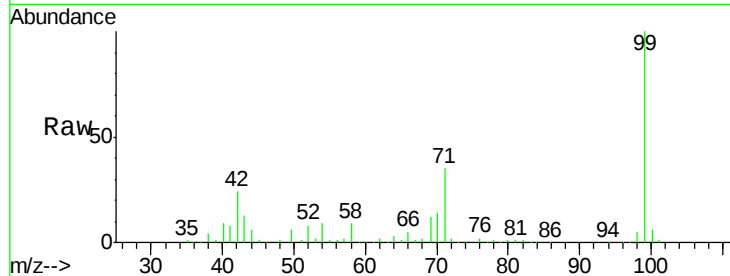
Tot Ion: 99 Resp: 324095

Ion Ratio Lower Upper

99 100

42 24.0 20.6 31.0

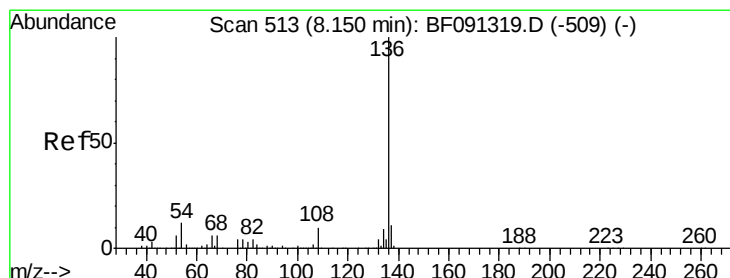
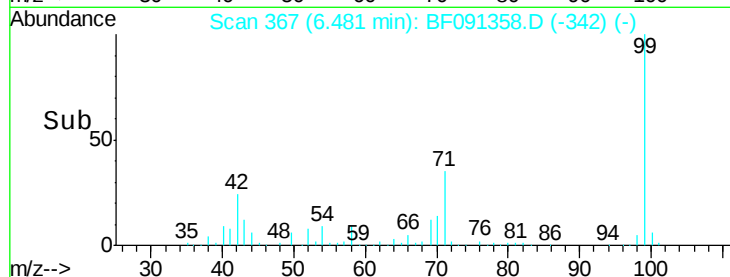
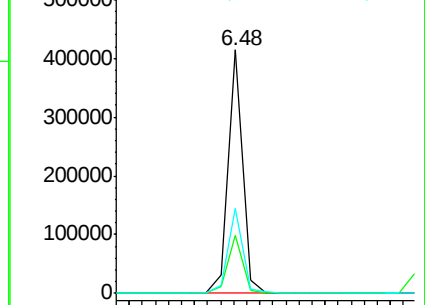
71 34.7 29.9 44.9



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091358.D

Acq: 30 Nov 2016 17:00

Tgt Ion: 136 Resp: 758749

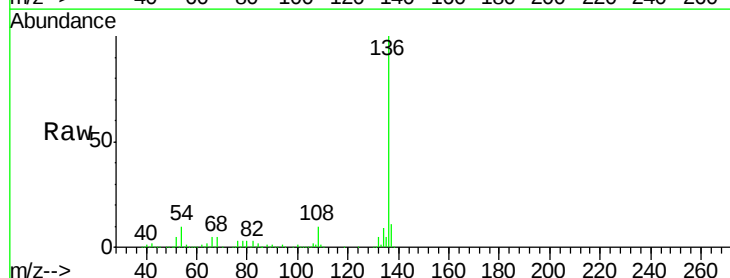
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 9.6 9.1 13.7

68 4.8 5.9 8.9#

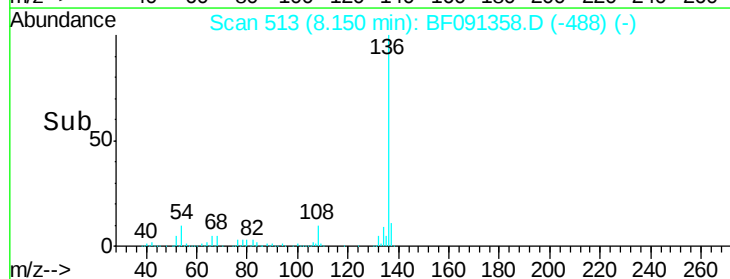
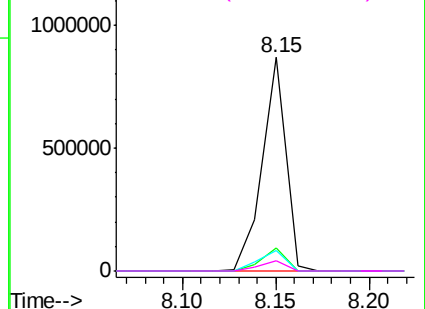


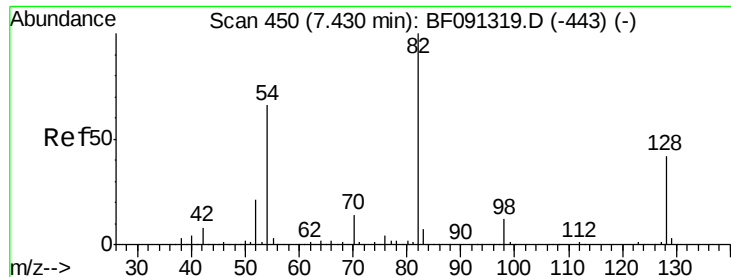
Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.74 ng

RT: 7.43 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF091358.D

Acq: 30 Nov 2016 17:00

Instrument :

BNA_F

ClientSampleId :

112216-DSDC-E-D-S

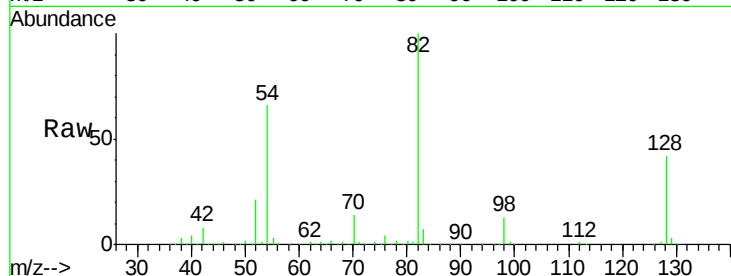
Tot Ion: 82 Resp: 1296246

Ion Ratio Lower Upper

82 100

128 41.7 31.8 47.6

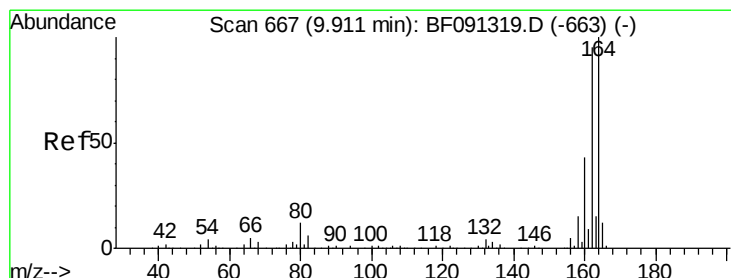
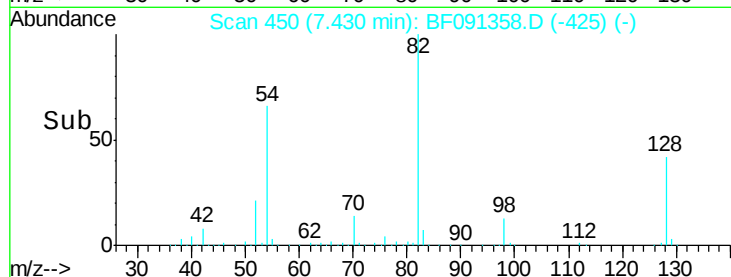
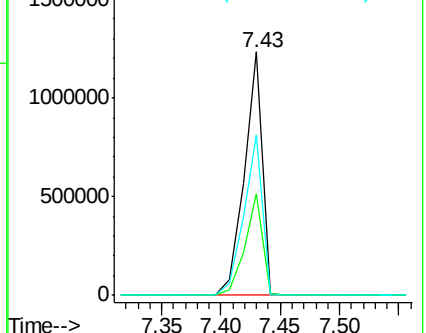
54 65.9 49.1 73.7



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: 9.90 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF091358.D

Acq: 30 Nov 2016 17:00

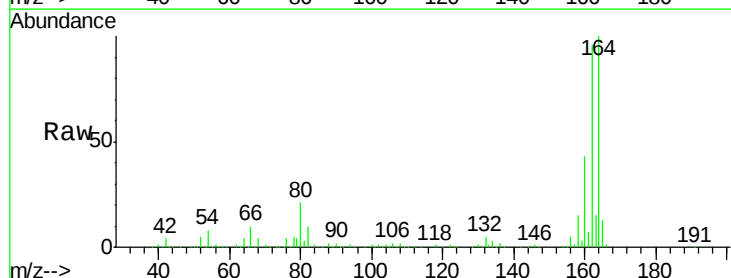
Tgt Ion:164 Resp: 364425

Ion Ratio Lower Upper

164 100

162 96.1 82.6 124.0

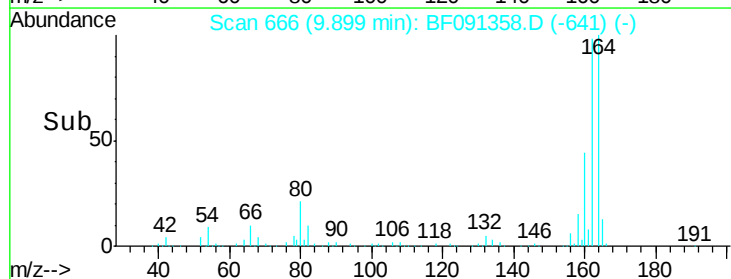
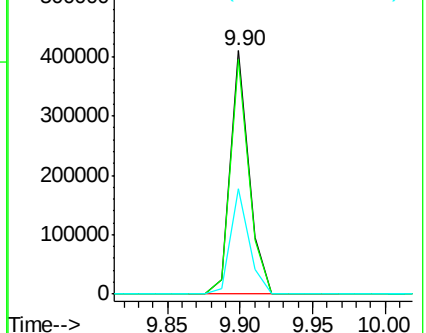
160 43.5 36.7 55.1

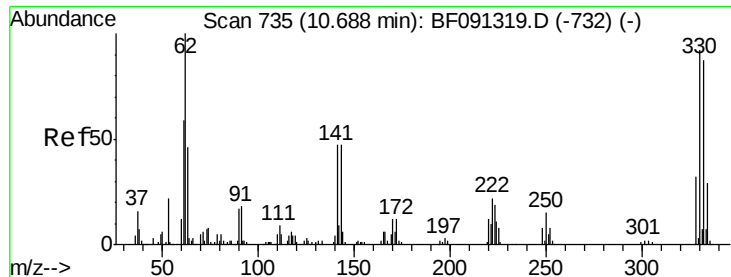


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

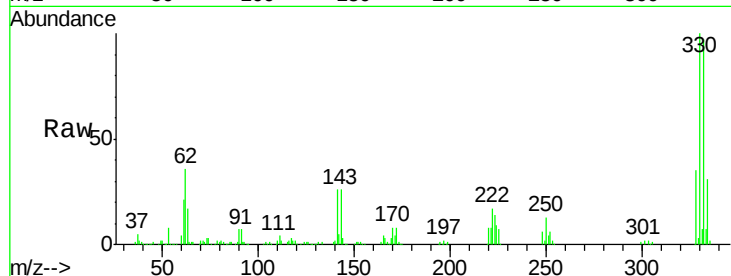




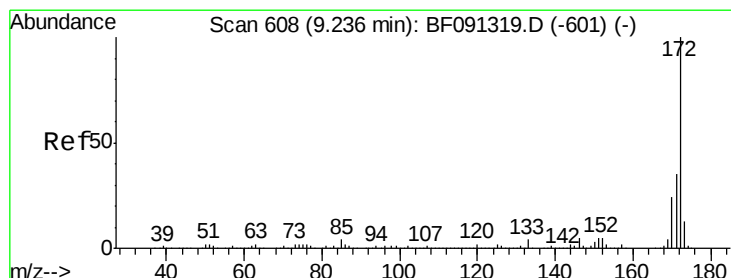
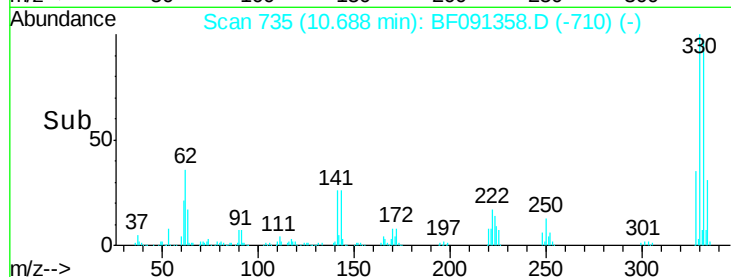
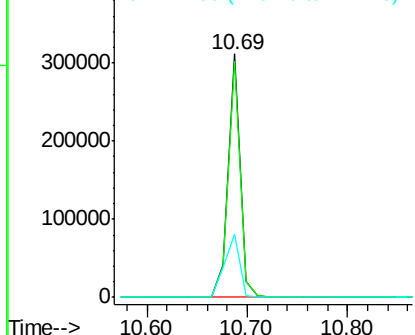
#41
 2,4,6-Tribromophenol
 Concen: 75.45 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091358.D
 Acq: 30 Nov 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 112216-DSDC-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	32.5	33.6	50.4#

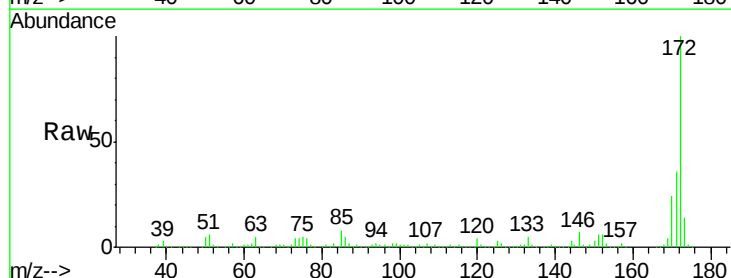


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

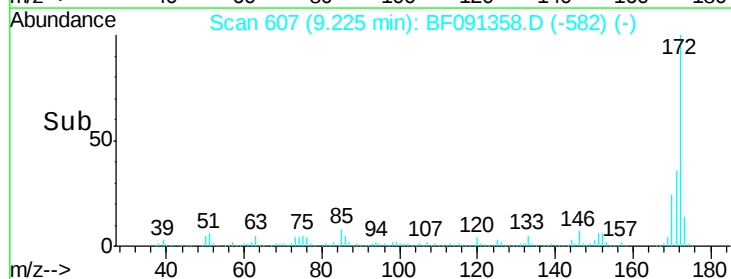
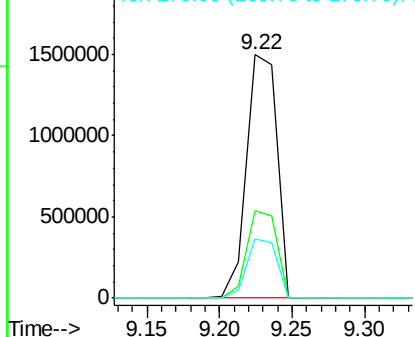


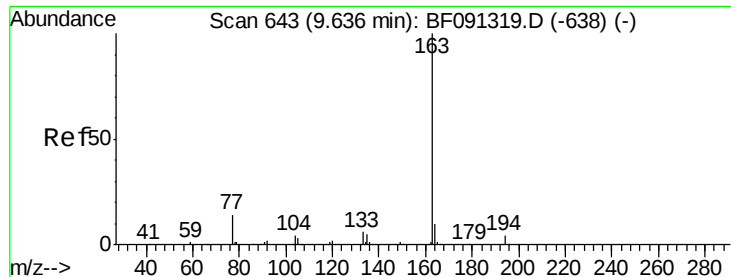
#44
 2-Fluorobiphenyl
 Concen: 108.26 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091358.D
 Acq: 30 Nov 2016 17:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.3	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: 3.68 ng

RT: 9.61 min Scan# 641

Delta R.T. -0.04 min

Lab File: BF091358.D

Acq: 30 Nov 2016 17:00

Instrument :

BNA_F

ClientSampleId :

112216-DSDC-E-D-S

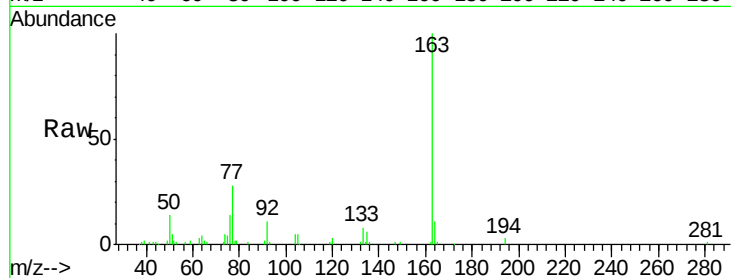
Tot Ion:163 Resp: 81292

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

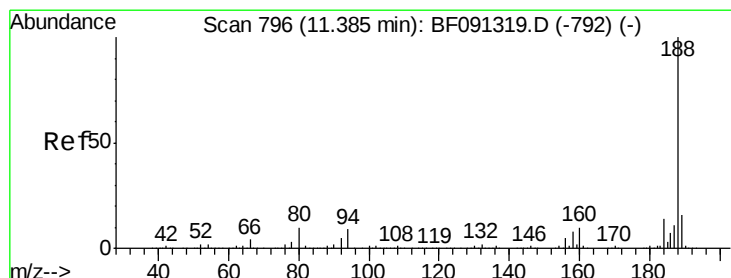
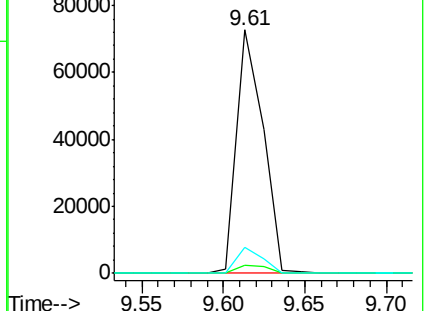
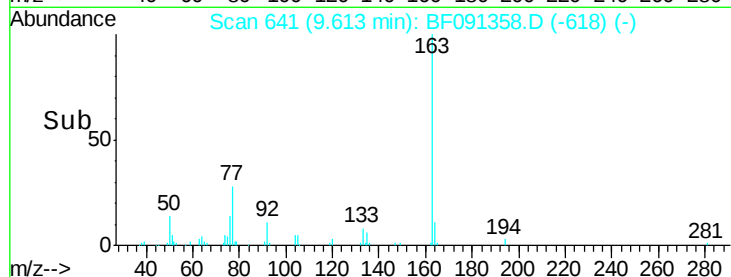
164 10.5 7.8 11.8



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: BF091358.D

Acq: 30 Nov 2016 17:00

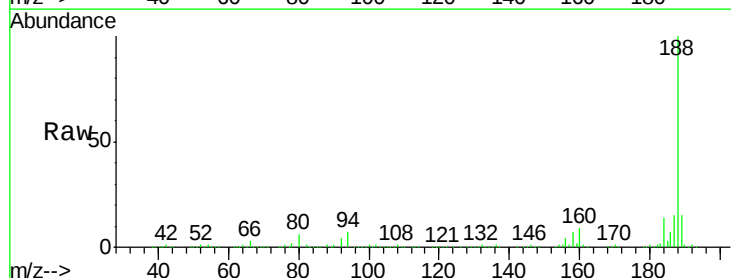
Tgt Ion:188 Resp: 554900

Ion Ratio Lower Upper

188 100

94 6.6 9.2 13.8#

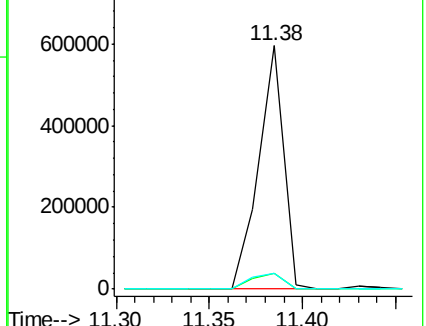
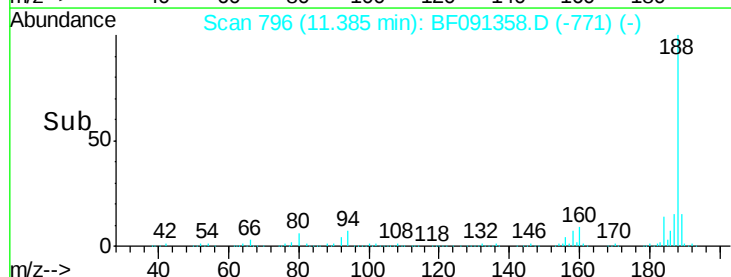
80 6.3 10.5 15.7#

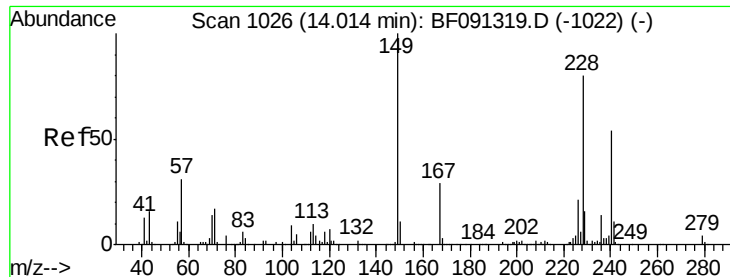


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091358.D

Acq: 30 Nov 2016 17:00

Instrument :

BNA_F

ClientSampleId :

112216-DSDC-E-D-S

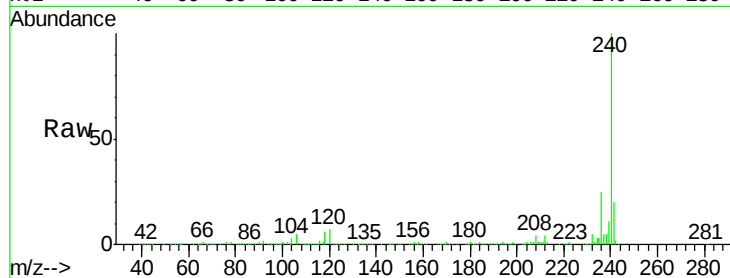
Tot Ion:240 Resp: 419942

Ion Ratio Lower Upper

240 100

120 7.4 12.1 18.1#

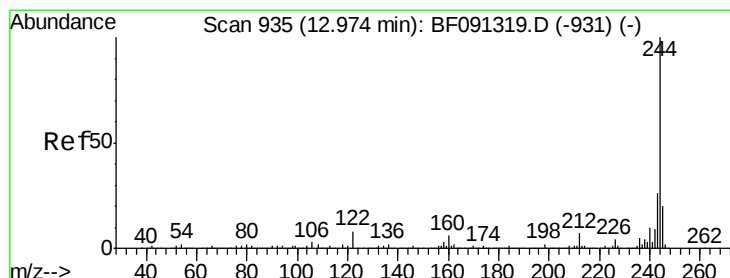
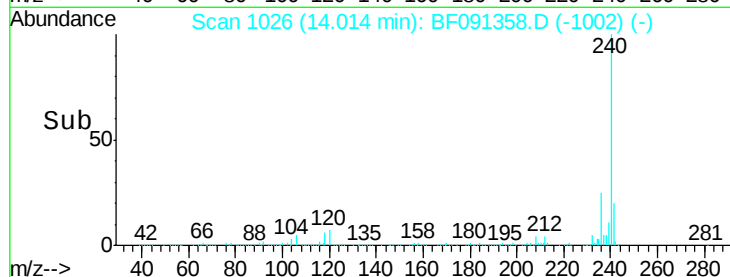
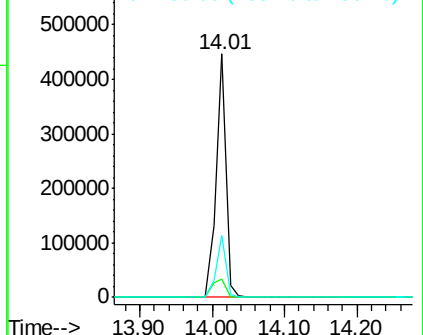
236 25.4 21.0 31.6



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: 84.70 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091358.D

Acq: 30 Nov 2016 17:00

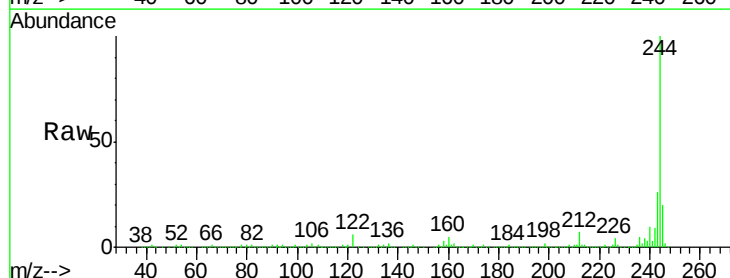
Tgt Ion:244 Resp: 1636530

Ion Ratio Lower Upper

244 100

212 6.6 6.5 9.7

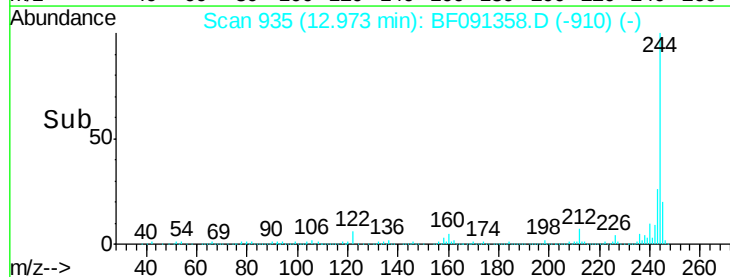
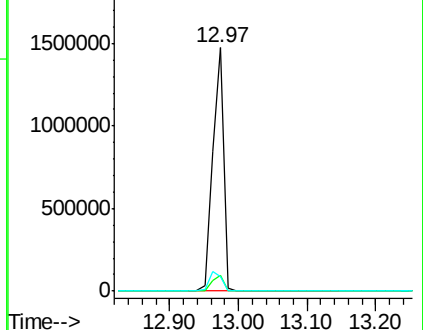
122 6.1 9.5 14.3#

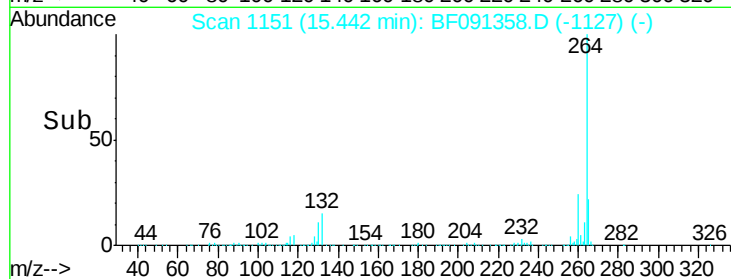
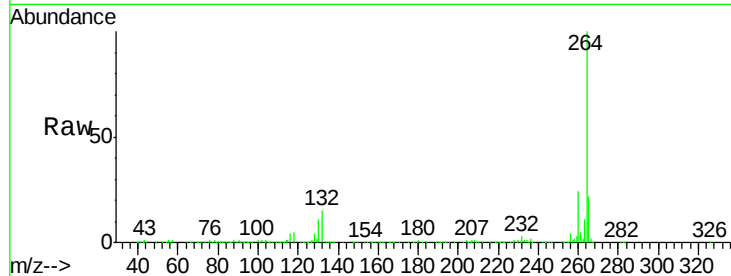
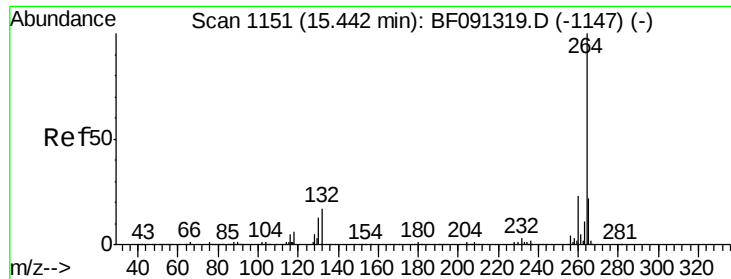


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF091358.D
Acq: 30 Nov 2016 17:00

Instrument :
BNA_F
ClientSampleId :
112216-DSDC-E-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	22.0	17.0	25.6

