

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093436.D
 Acq On : 8 Mar 2017 18:50
 Operator : SJ/MA
 Sample : PB97449BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BL

Quant Time: Mar 09 00:06:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	214464	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	831640	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	406329	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	791817	20.00	ng	0.00
75) Chrysene-d12	13.92	240	715265	20.00	ng	0.00
86) Perylene-d12	15.34	264	598837	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	900888	69.91	ng	0.01
7) Phenol-d6	6.41	99	1175787	72.36	ng	0.00
23) Nitrobenzene-d5	7.34	82	1065039	71.06	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	208330	78.70	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1650204	75.54	ng	0.00
78) Terphenyl-d14	12.87	244	1367140	49.69	ng	0.00

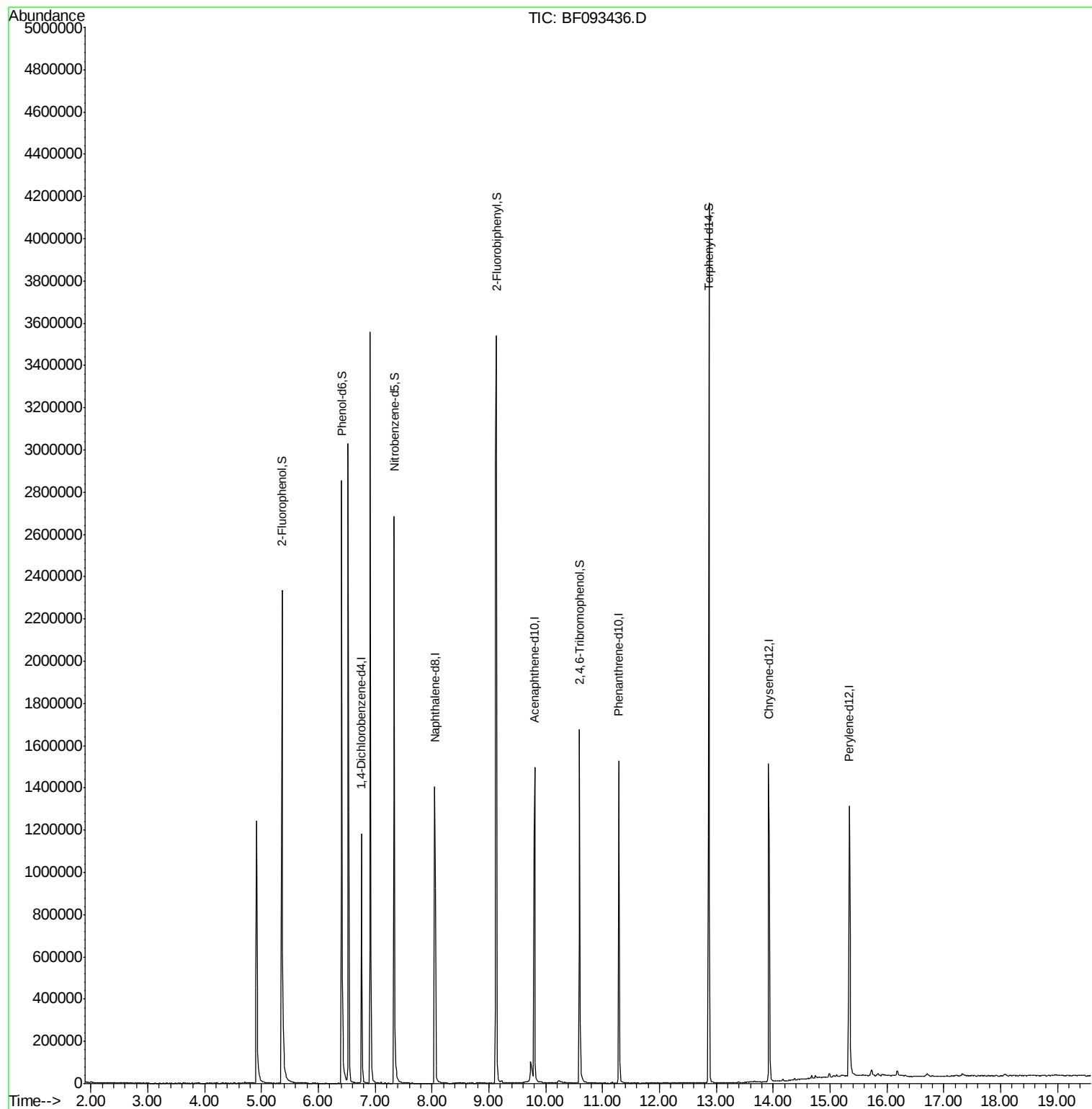
Target Compounds Qvalue

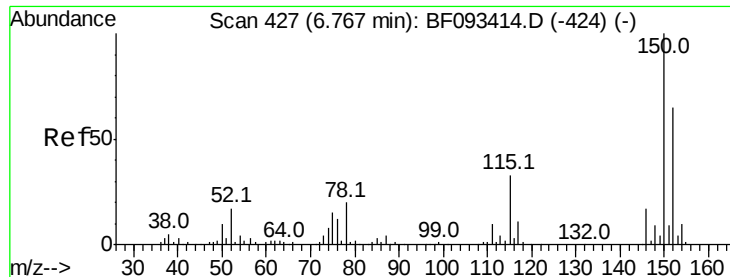
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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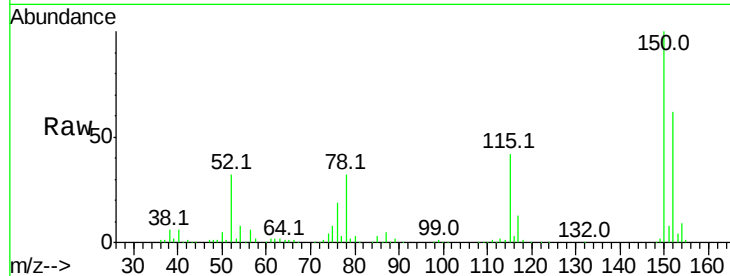


#1

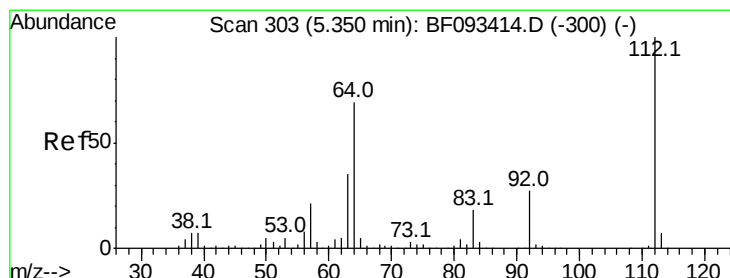
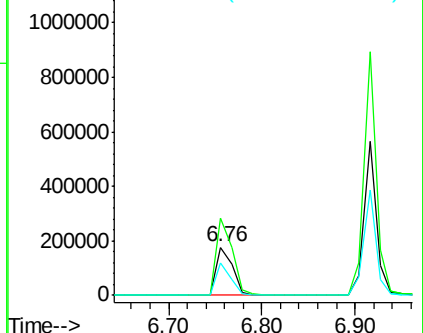
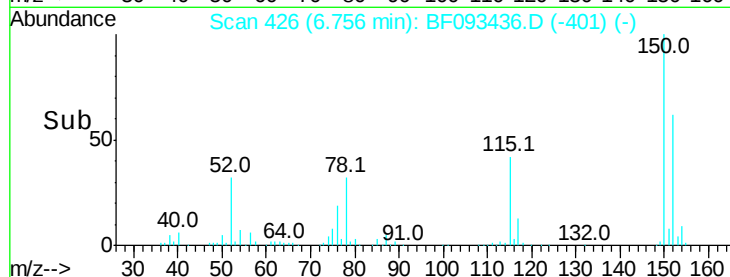
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF093436.D
Acq: 8 Mar 2017 18:50

Instrument :
BNA_F
ClientSampleId :
PB97449BL

Tot Ion:152 Resp: 214464
Ion Ratio Lower Upper
152 100
150 160.2 124.9 187.3
115 67.5 46.0 69.0



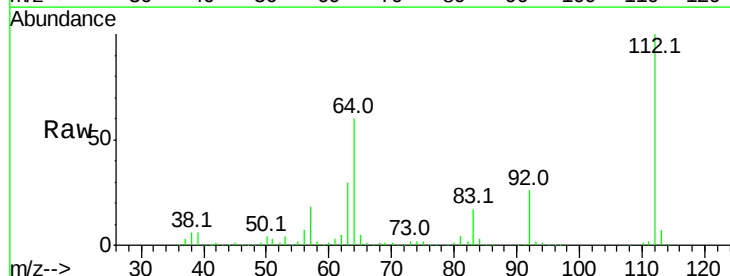
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



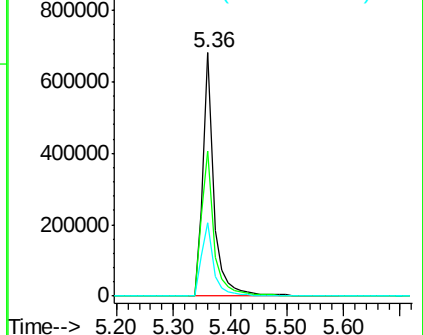
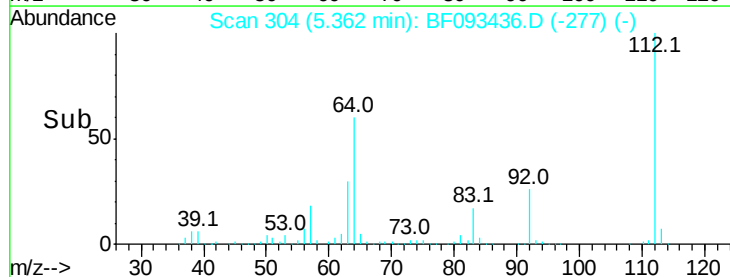
#5

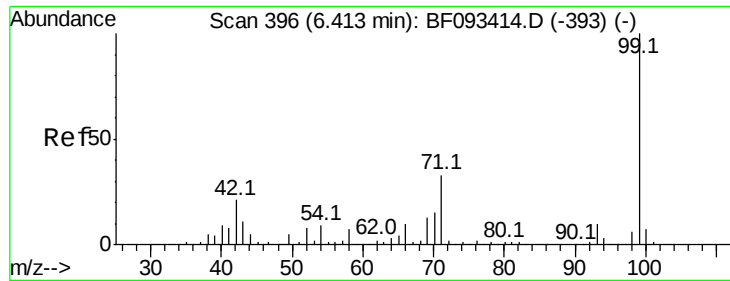
2-Fluorophenol
Concen: 69.91 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093436.D
Acq: 8 Mar 2017 18:50

Tgt Ion:112 Resp: 900888
Ion Ratio Lower Upper
112 100
64 59.7 46.1 69.1
63 30.2 23.8 35.6



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: 72.36 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093436.D

Acq: 8 Mar 2017 18:50

Instrument :

BNA_F

ClientSampled :

PB97449BL

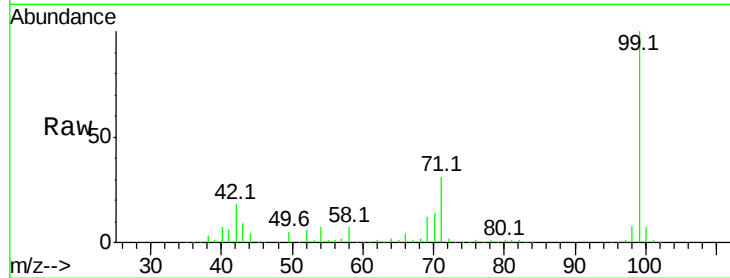
Tot Ion: 99 Resp: 1175787

Ion Ratio Lower Upper

99 100

42 18.5 15.6 23.4

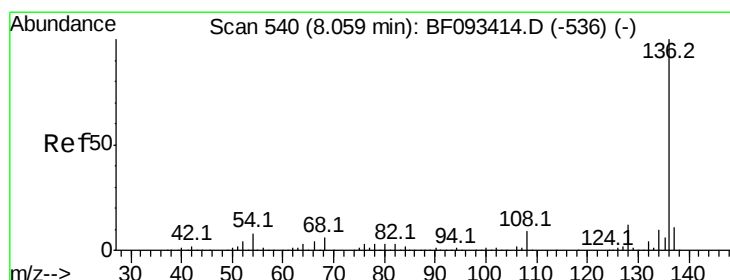
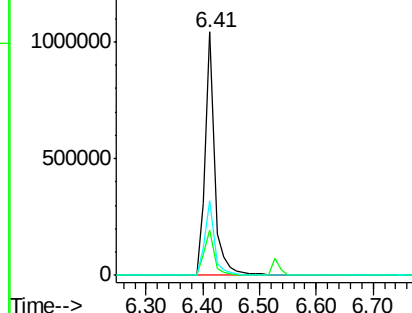
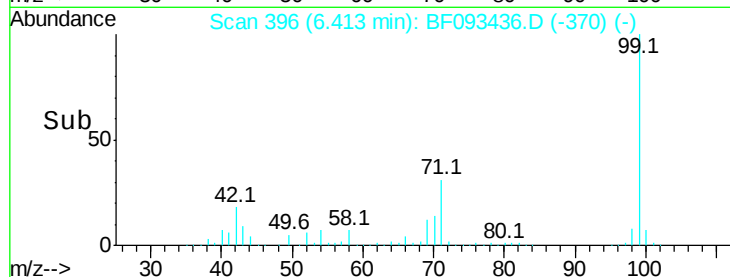
71 30.7 27.5 41.3



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: 8.05 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF093436.D

Acq: 8 Mar 2017 18:50

Tgt Ion: 136 Resp: 831640

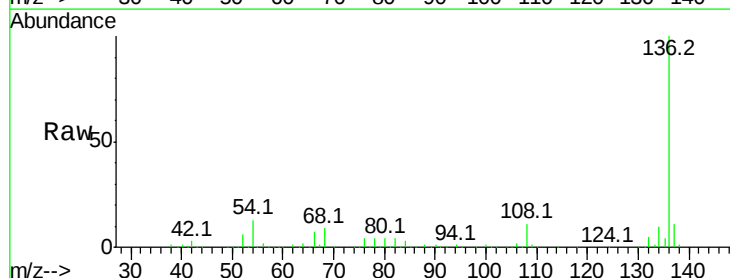
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 12.9 4.5 6.7#

68 8.8 3.6 5.4#

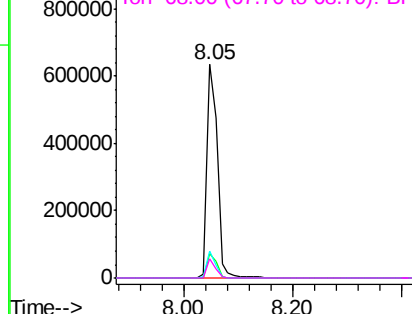
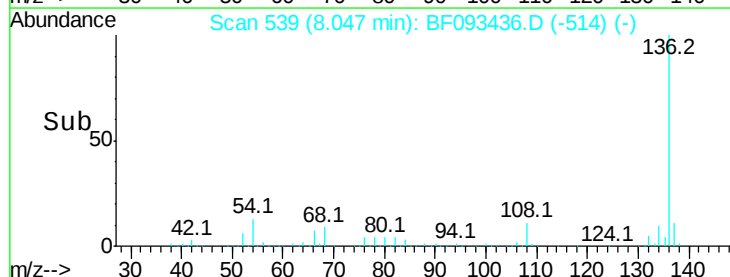


Abundance Ion 136.00 (135.70 to 136.70): E

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



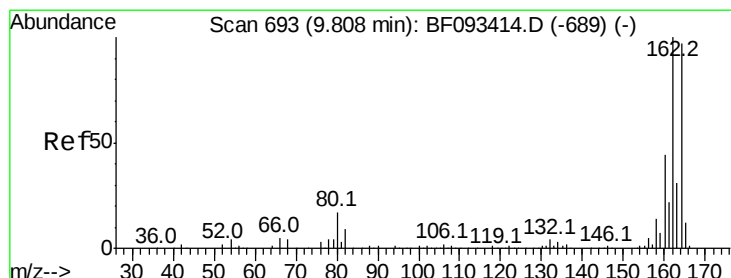
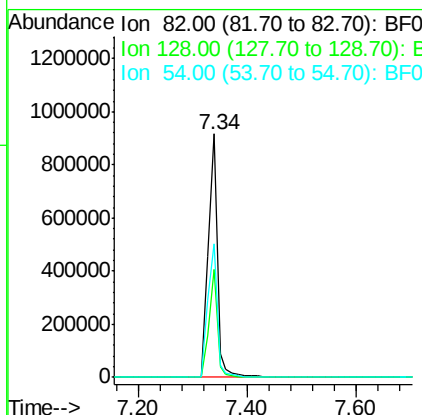
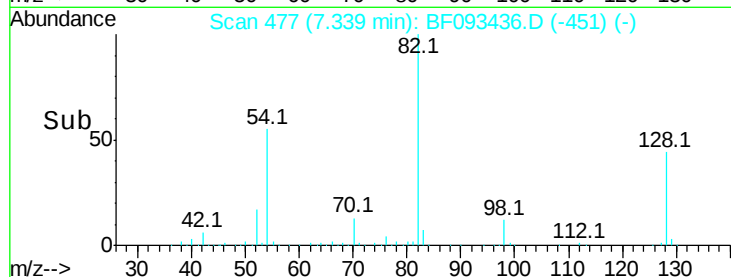
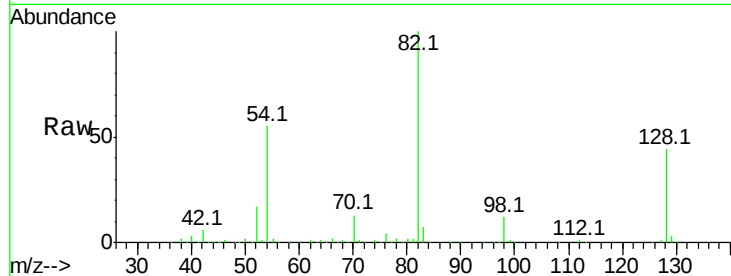


#23
 Nitrobenzene-d5
 Concen: 71.06 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093436.D
 Acq: 8 Mar 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BL

Tot Ion: 82 Resp: 1065039

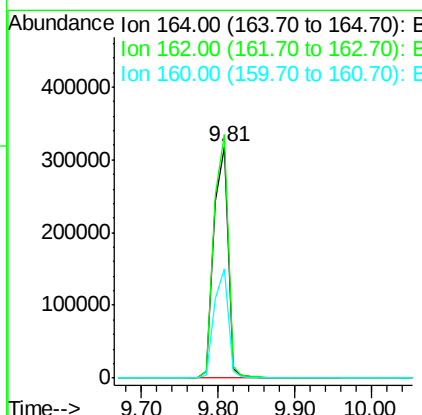
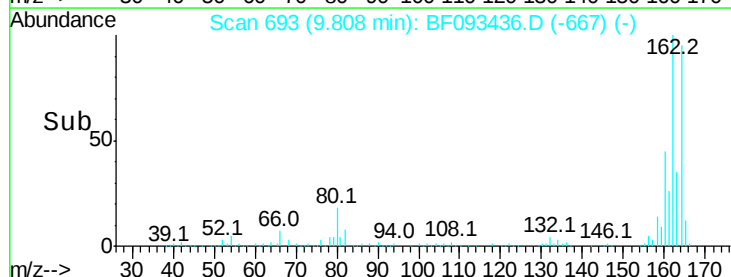
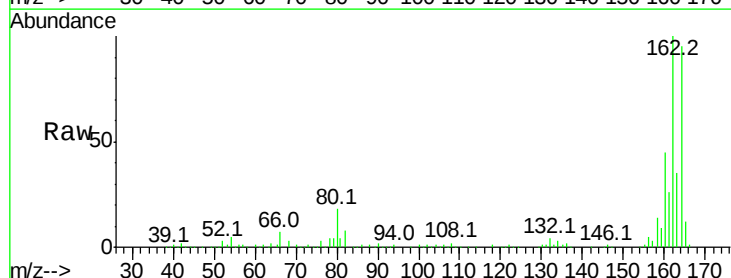
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	52.0
54	54.7	39.5	59.3

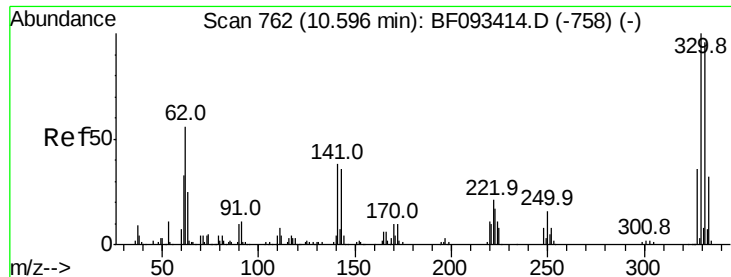


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF093436.D
 Acq: 8 Mar 2017 18:50

Tgt Ion:164 Resp: 406329

Ion	Ratio	Lower	Upper
164	100		
162	105.5	80.2	120.2
160	47.2	36.9	55.3

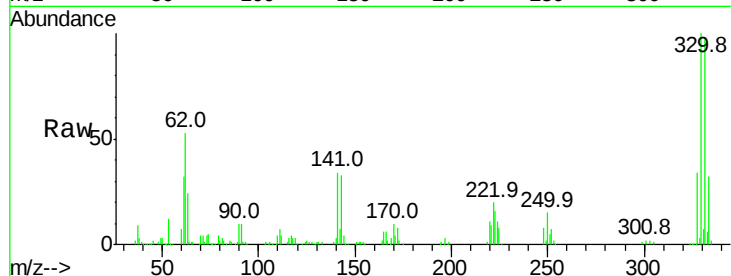




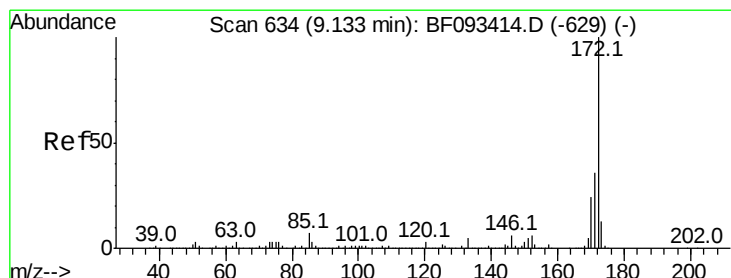
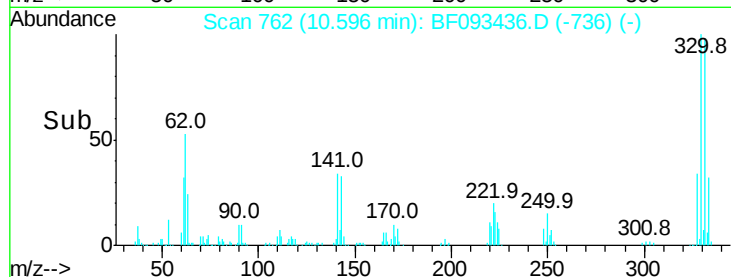
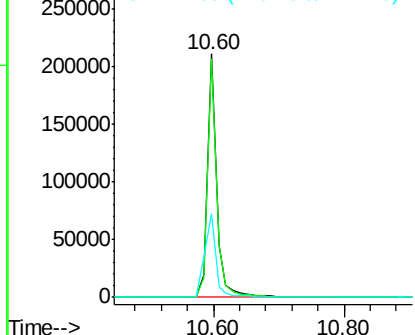
#41
 2,4,6-Tribromophenol
 Concen: 78.70 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093436.D
 Acq: 8 Mar 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB97449BL

Tot Ion:330 Resp: 208330
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 41.9 34.1 51.1

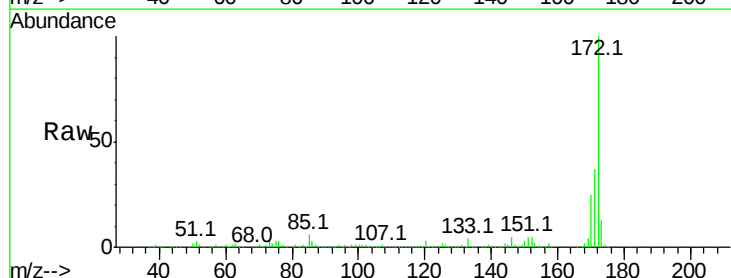


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

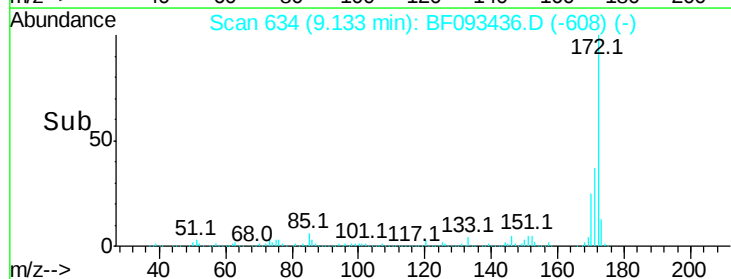
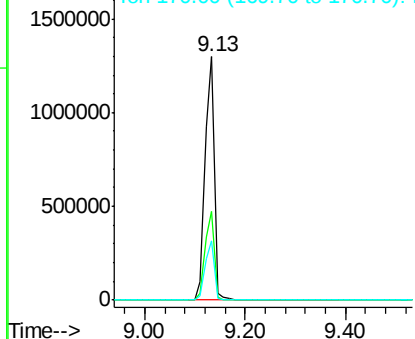


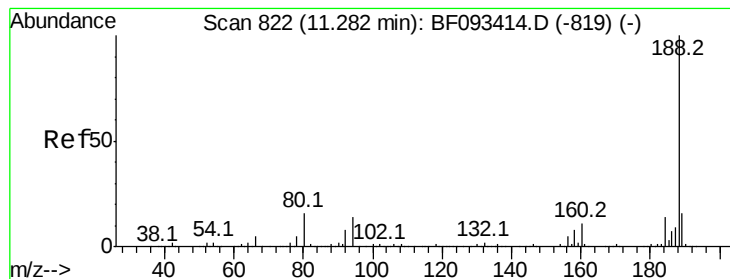
#44
 2-Fluorobiphenyl
 Concen: 75.54 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093436.D
 Acq: 8 Mar 2017 18:50

Tgt Ion:172 Resp: 1650204
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.5 20.2 30.4



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF093436.D

Acq: 8 Mar 2017 18:50

Instrument :

BNA_F

ClientSampleId :

PB97449BL

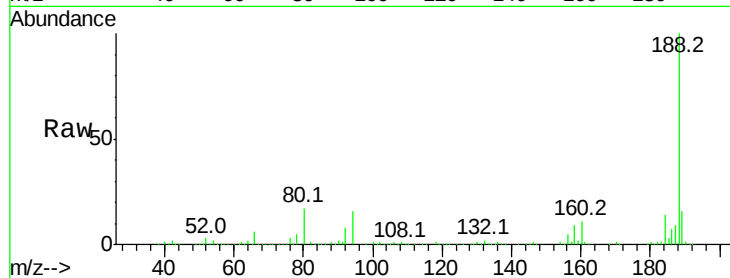
Tot Ion:188 Resp: 791817

Ion Ratio Lower Upper

188 100

94 15.8 10.0 15.0#

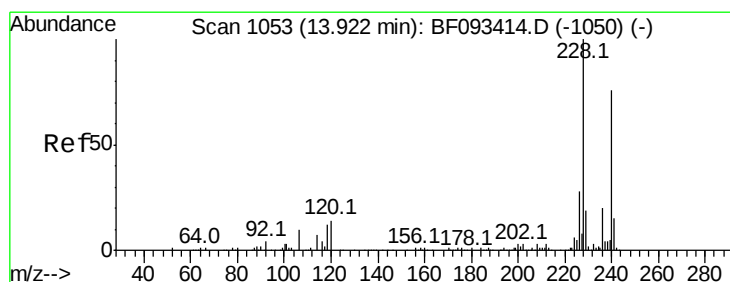
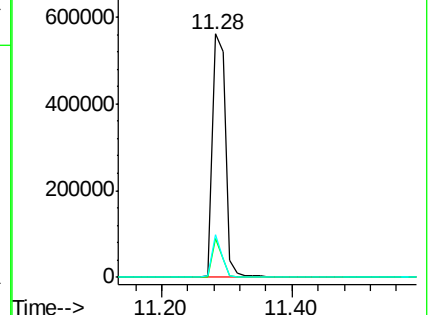
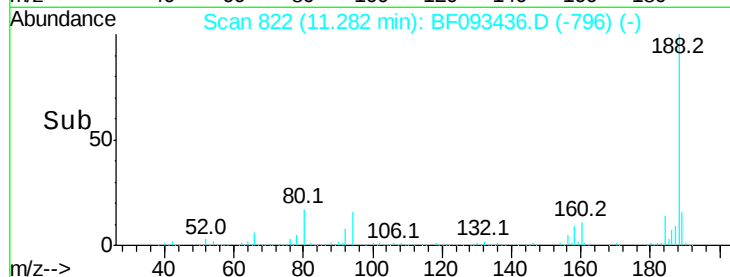
80 17.3 11.2 16.8#



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: 13.92 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF093436.D

Acq: 8 Mar 2017 18:50

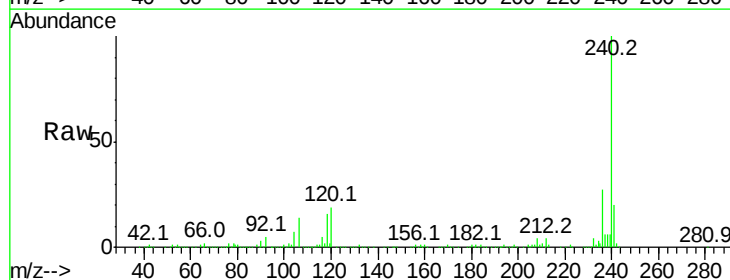
Tgt Ion:240 Resp: 715265

Ion Ratio Lower Upper

240 100

120 18.8 12.9 19.3

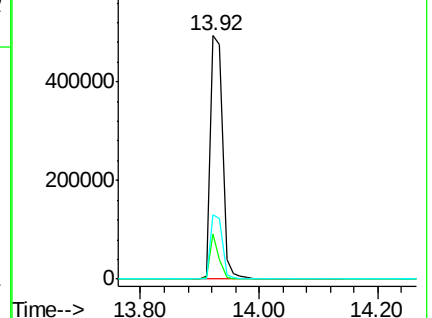
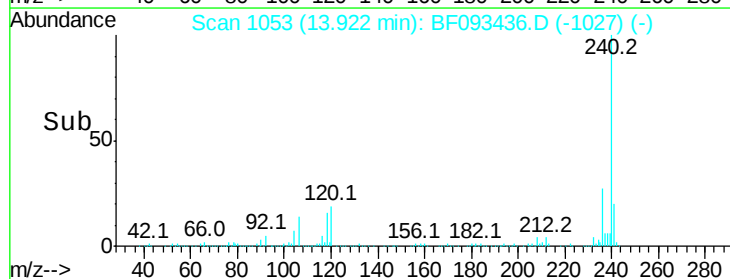
236 26.6 20.9 31.3



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: 49.69 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093436.D

Acq: 8 Mar 2017 18:50

Instrument :

BNA_F

ClientSampleId :

PB97449BL

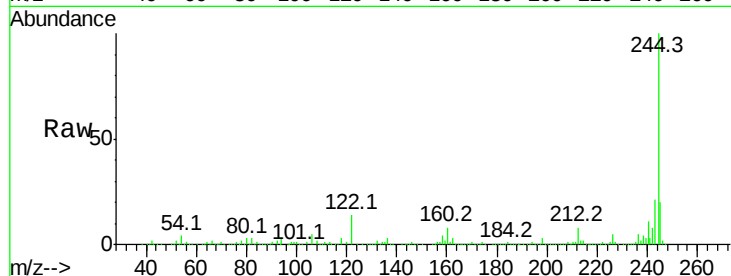
Tot Ion:244 Resp: 1367140

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

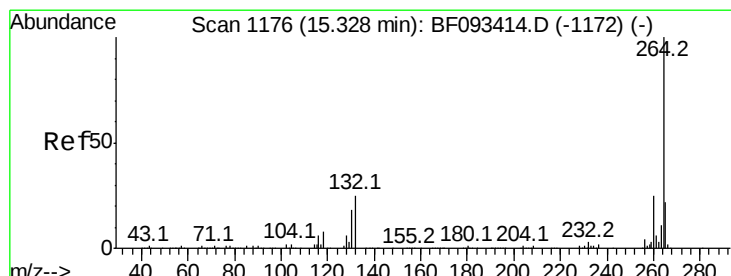
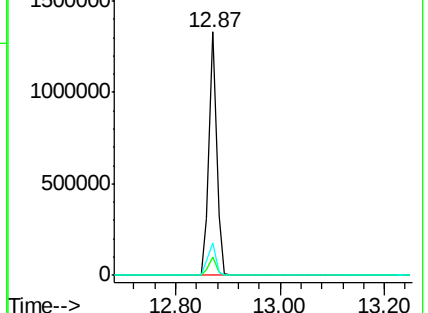
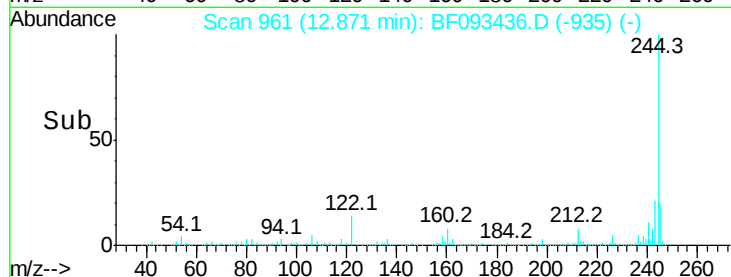
122 13.5 11.4 17.2



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: 15.34 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF093436.D

Acq: 8 Mar 2017 18:50

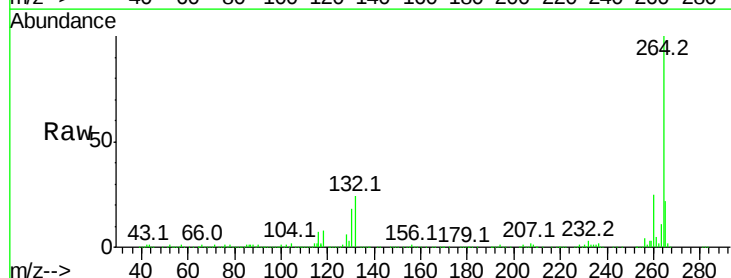
Tgt Ion:264 Resp: 598837

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 22.0 17.4 26.0



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

