

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
 Data File : BF093817.D
 Acq On : 22 Mar 2017 5:29
 Operator : SJ/MA
 Sample : PB97716BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97716BL

Quant Time: Mar 22 07:36:16 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 14:38:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	204592	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	833247	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	383775	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	611558	20.00	ng	0.00
75) Chrysene-d12	13.97	240	382242	20.00	ng	0.00
86) Perylene-d12	15.37	264	344612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	949120	81.12	ng	0.01
7) Phenol-d6	6.46	99	1345402	93.06	ng	0.00
23) Nitrobenzene-d5	7.38	82	1002180	68.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	212850	71.61	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	1811375	79.37	ng	0.00
78) Terphenyl-d14	12.93	244	1269971	67.74	ng	0.00

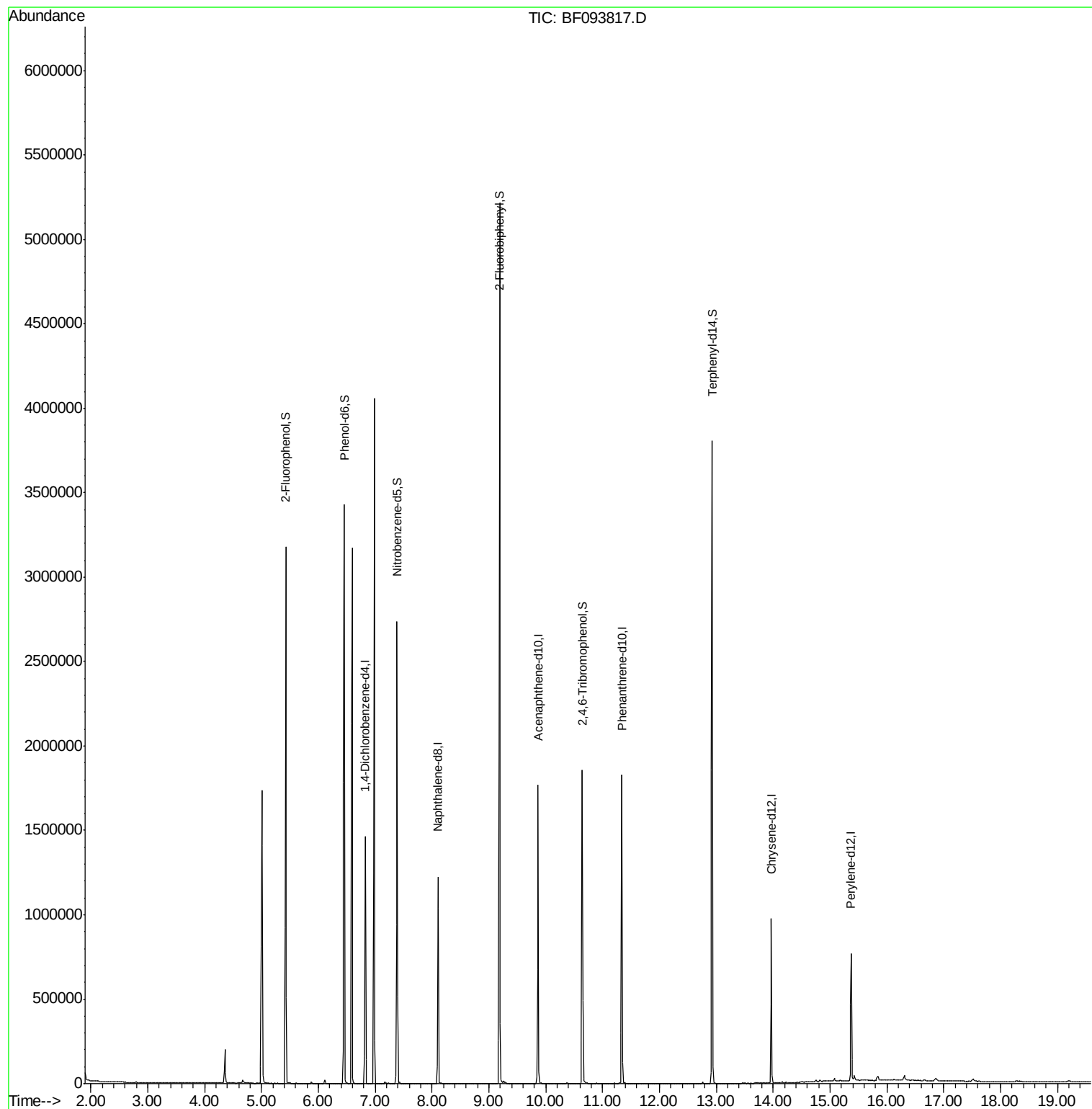
Target Compounds	Qvalue
------------------	--------

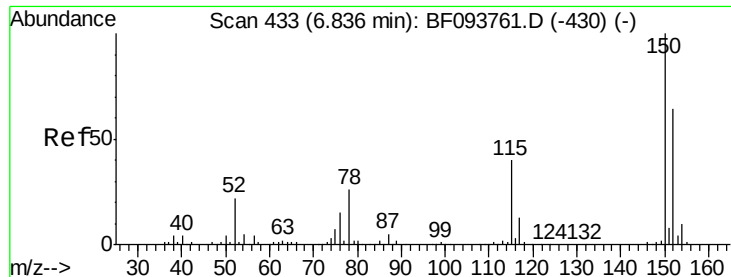
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
Data File : BF093817.D
Acq On : 22 Mar 2017 5:29
Operator : SJ/MA
Sample : PB97716BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97716BL

Quant Time: Mar 22 07:36:16 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 14:38:20 2017
Response via : Initial Calibration

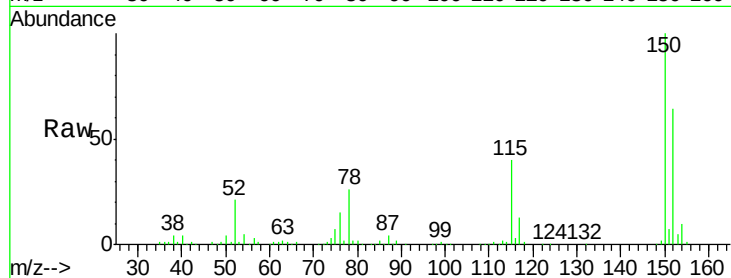




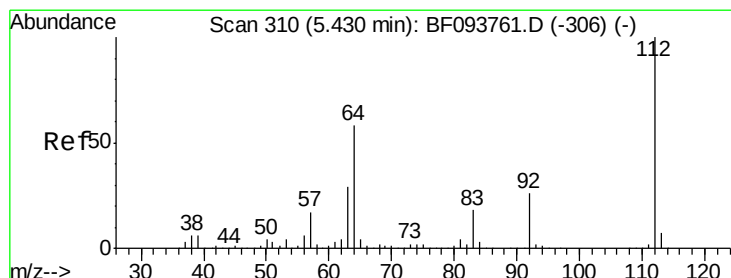
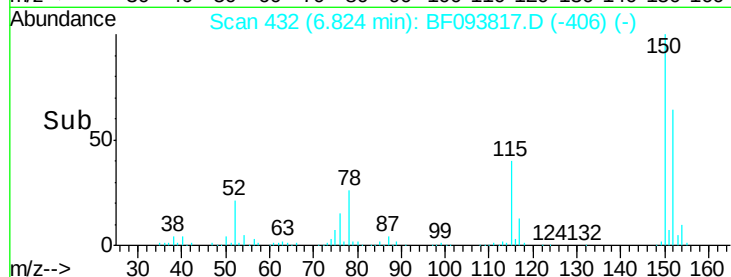
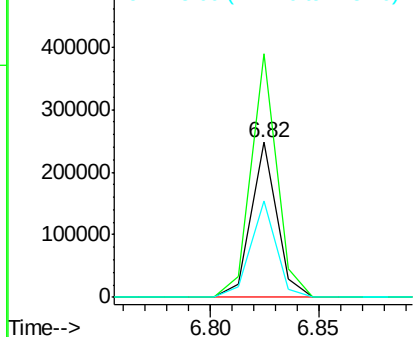
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF093817.D
 Acq: 22 Mar 2017 5:29

Instrument :
 BNA_F
 ClientSampled :
 PB97716BL

Tgt Ion:152 Resp: 204592
 Ion Ratio Lower Upper
 152 100
 150 157.0 126.2 189.2
 115 62.6 52.2 78.2

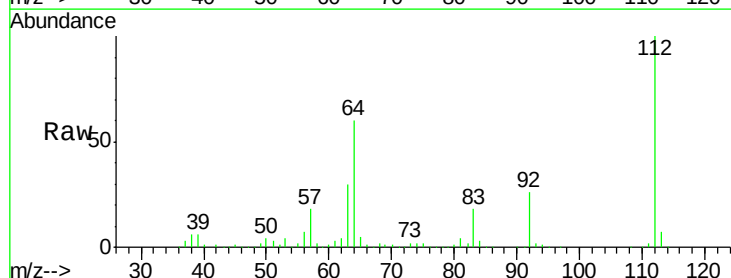


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

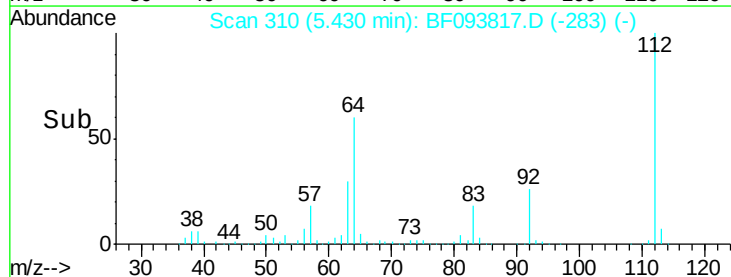
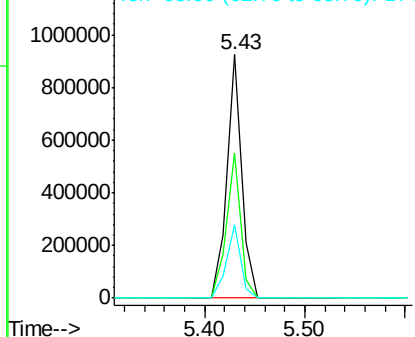


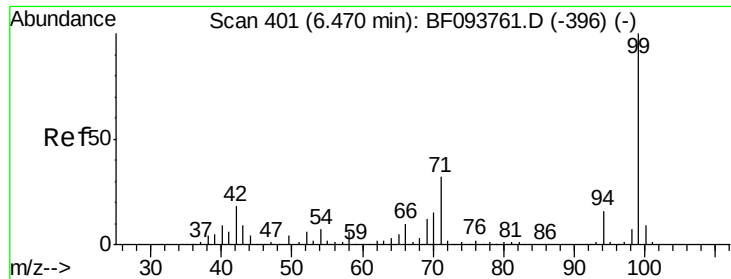
#5
 2-Fluorophenol
 Concen: 81.12 ng
 RT: 5.43 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: BF093817.D
 Acq: 22 Mar 2017 5:29

Tgt Ion:112 Resp: 949120
 Ion Ratio Lower Upper
 112 100
 64 59.8 46.0 69.0
 63 29.9 23.4 35.0



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: 93.06 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF093817.D

Acq: 22 Mar 2017 5:29

Instrument :

BNA_F

ClientSampleId :

PB97716BL

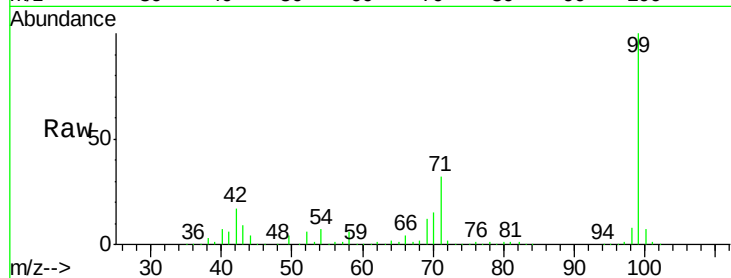
Tgt Ion: 99 Resp: 1345402

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

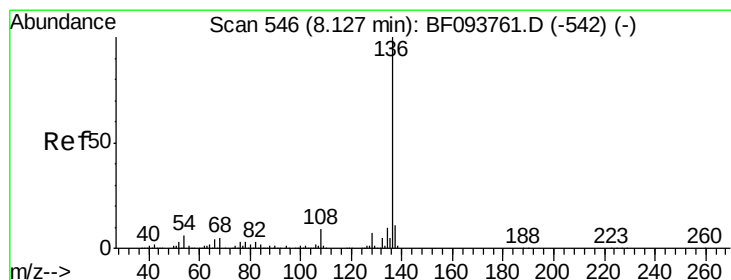
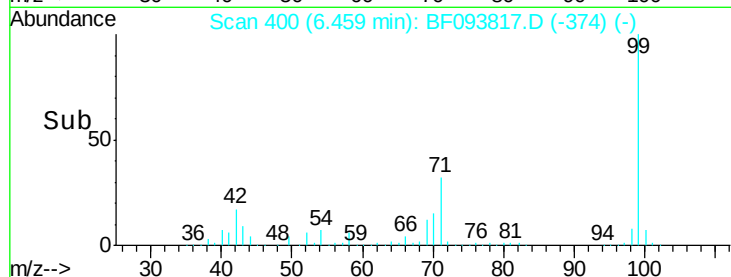
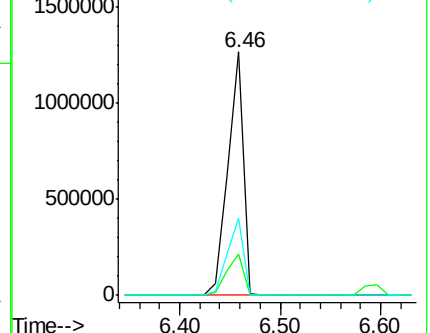
71 31.8 24.5 36.7



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: 8.10 min Scan# 544

Delta R.T. -0.01 min

Lab File: BF093817.D

Acq: 22 Mar 2017 5:29

Tgt Ion: 136 Resp: 833247

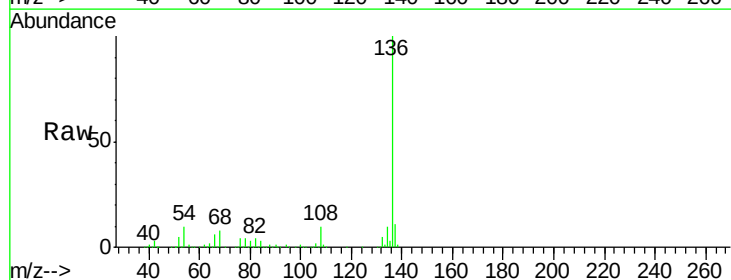
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.0 4.9 7.3#

68 7.6 4.1 6.1#

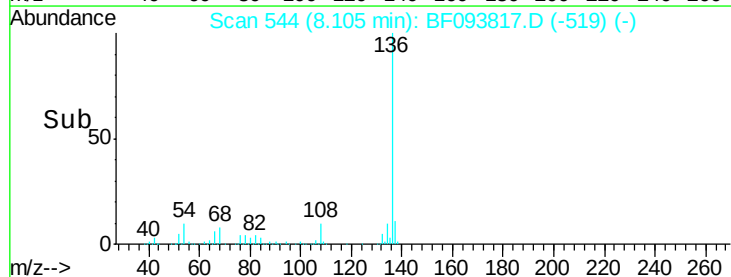
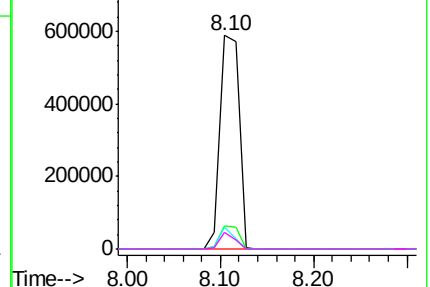


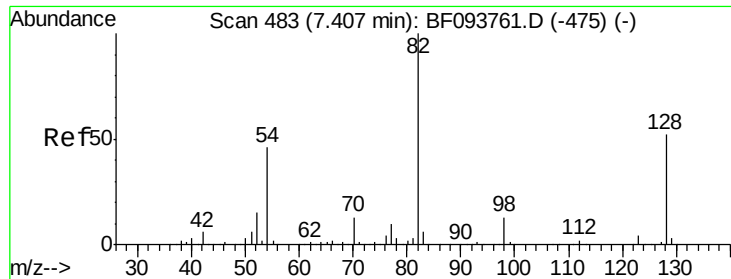
Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.23 ng

RT: 7.38 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF093817.D

Acq: 22 Mar 2017 5:29

Instrument :

BNA_F

ClientSampleId :

PB97716BL

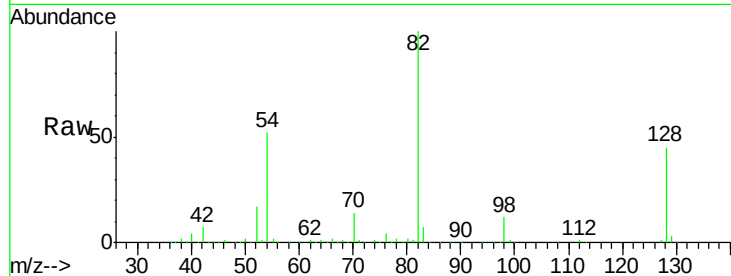
Tgt Ion: 82 Resp: 1002180

Ion Ratio Lower Upper

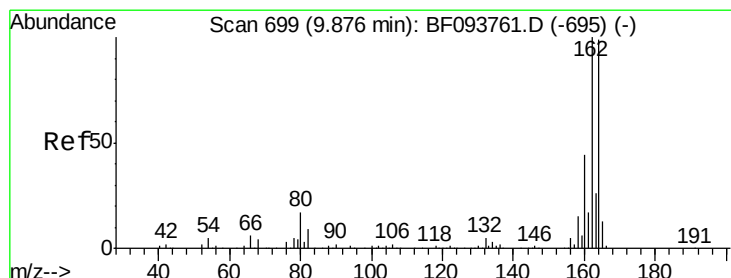
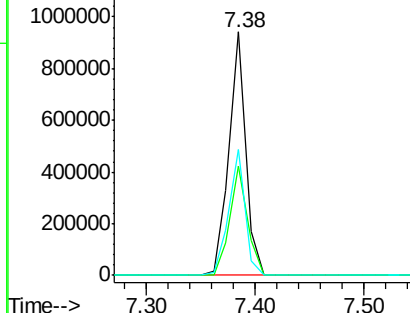
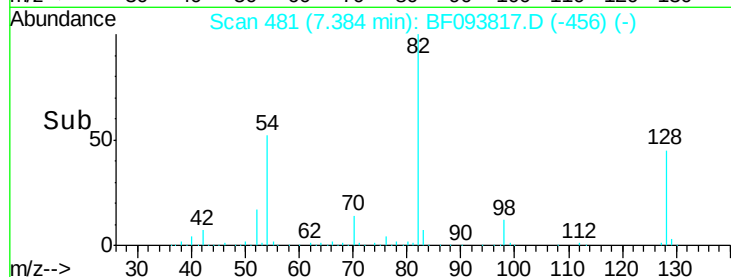
82 100

128 44.8 34.0 51.0

54 51.5 42.2 63.2



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF093817.D

Acq: 22 Mar 2017 5:29

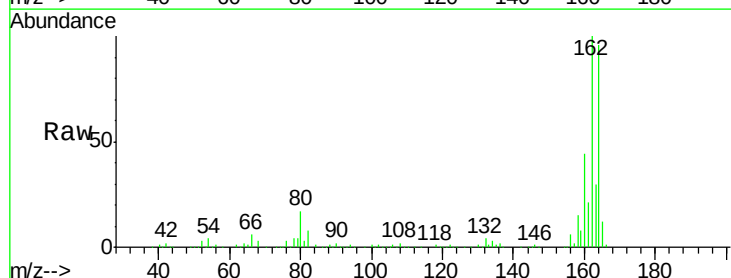
Tgt Ion: 164 Resp: 383775

Ion Ratio Lower Upper

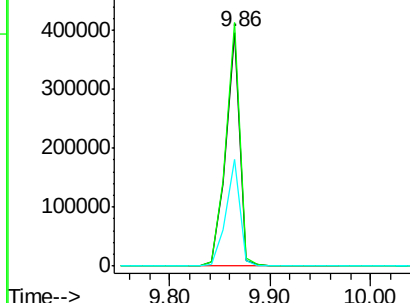
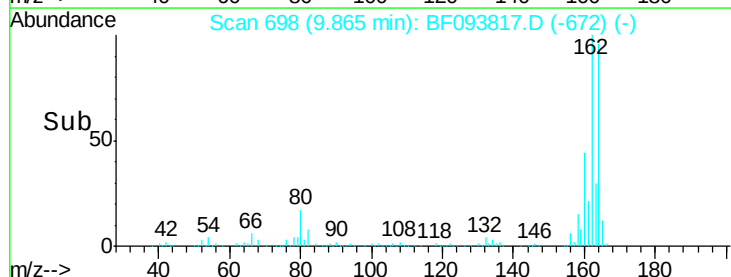
164 100

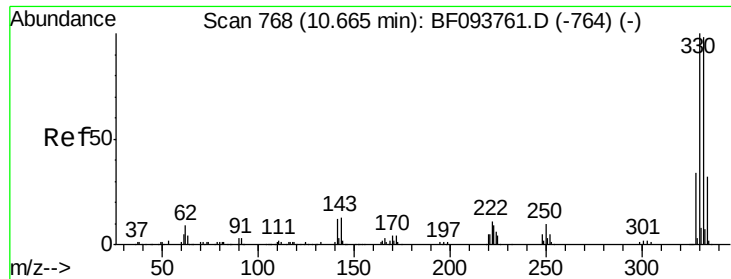
162 104.1 82.6 123.8

160 45.7 36.2 54.2



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

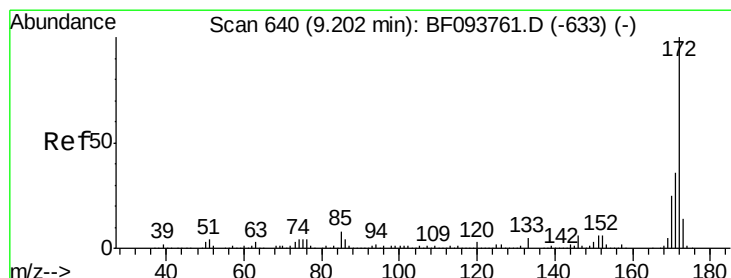
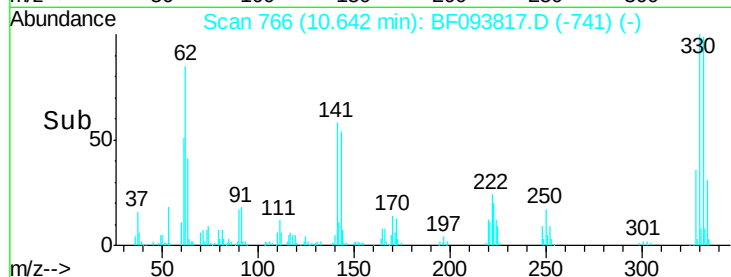
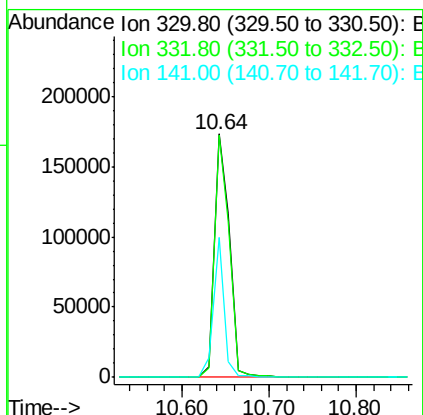
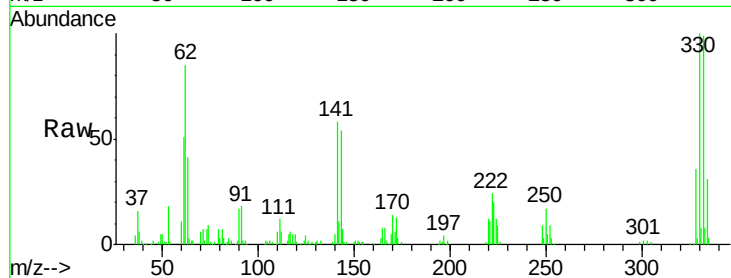




#41
 2,4,6-Tribromophenol
 Concen: 71.61 ng
 RT: 10.64 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF093817.D
 Acq: 22 Mar 2017 5:29

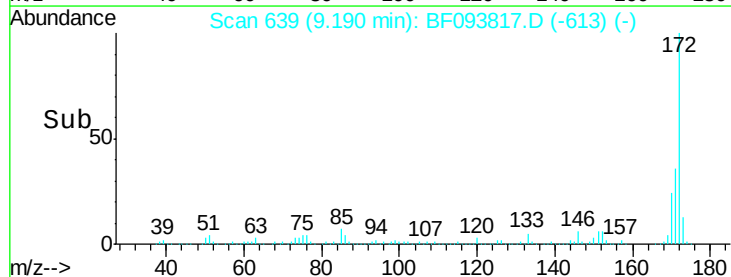
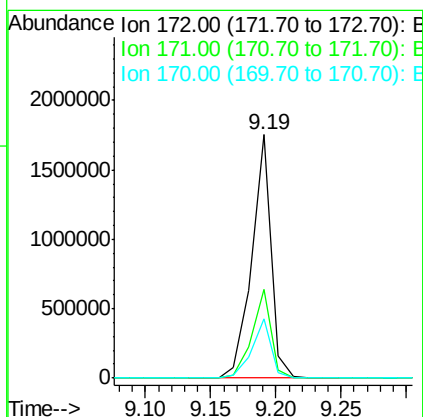
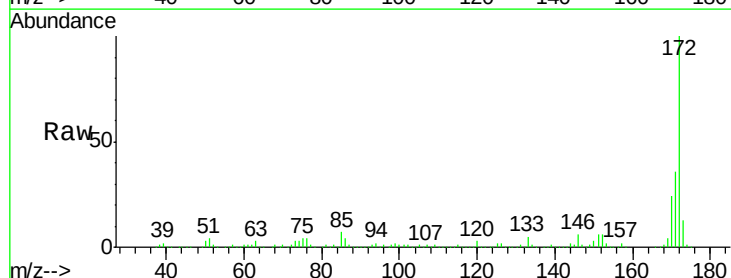
Instrument :
 BNA_F
 ClientSampleId :
 PB97716BL

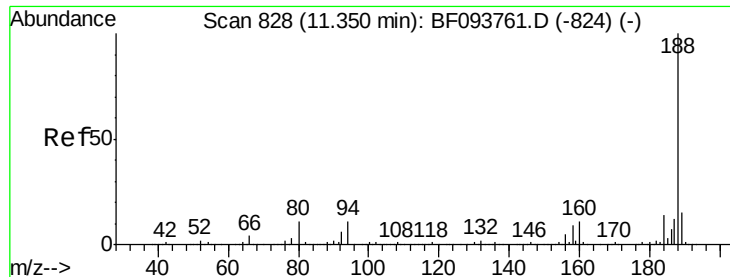
Tgt Ion:330 Resp: 212850
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 41.6 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 79.37 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093817.D
 Acq: 22 Mar 2017 5:29

Tgt Ion:172 Resp: 1811375
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.4 19.8 29.8

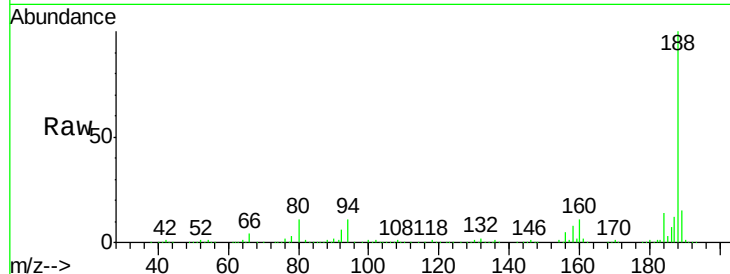




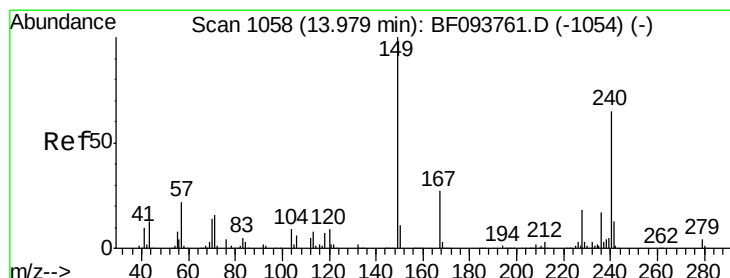
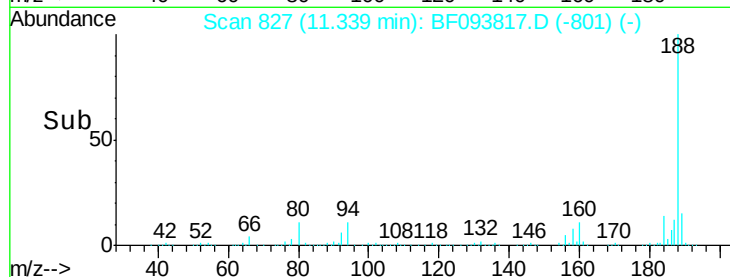
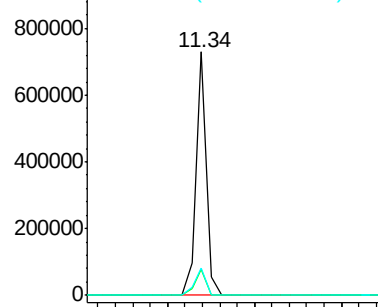
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF093817.D
Acq: 22 Mar 2017 5:29

Instrument :
BNA_F
ClientSampleId :
PB97716BL

Tgt Ion:188 Resp: 611558
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.2 10.2 15.2

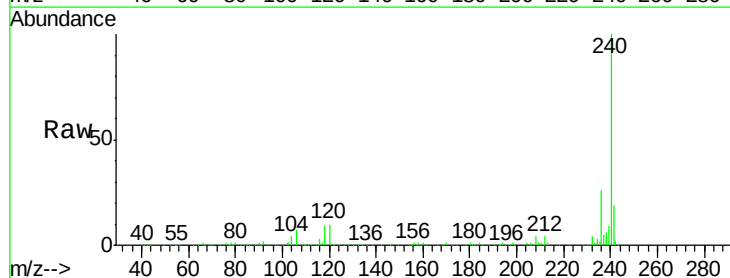


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

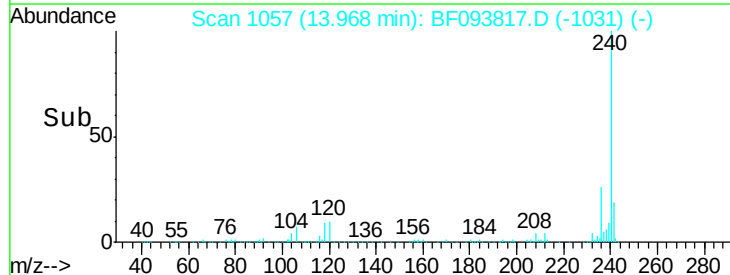
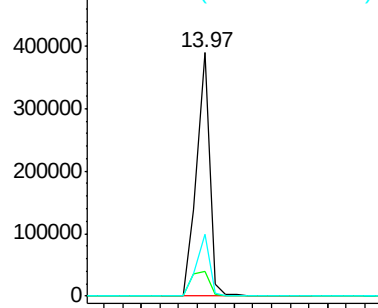


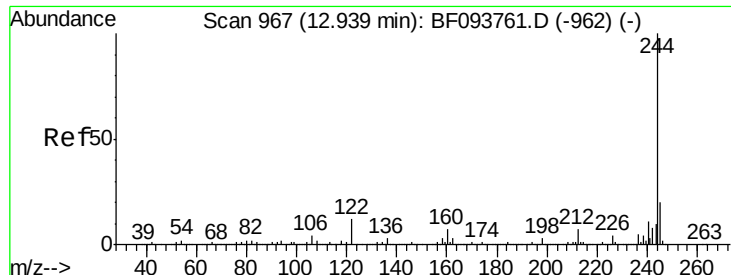
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF093817.D
Acq: 22 Mar 2017 5:29

Tgt Ion:240 Resp: 382242
Ion Ratio Lower Upper
240 100
120 10.4 5.8 8.8#
236 25.7 20.5 30.7



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: 67.74 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF093817.D

Acq: 22 Mar 2017 5:29

Instrument :

BNA_F

ClientSampleId :

PB97716BL

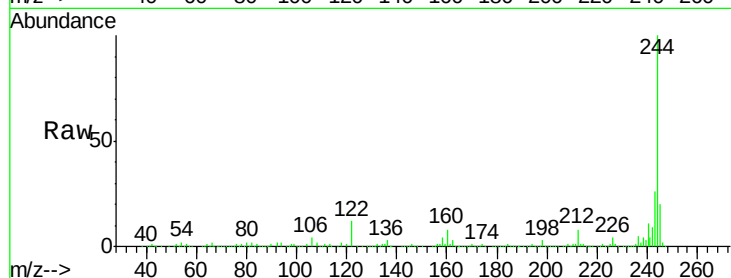
Tgt Ion:244 Resp: 1269971

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

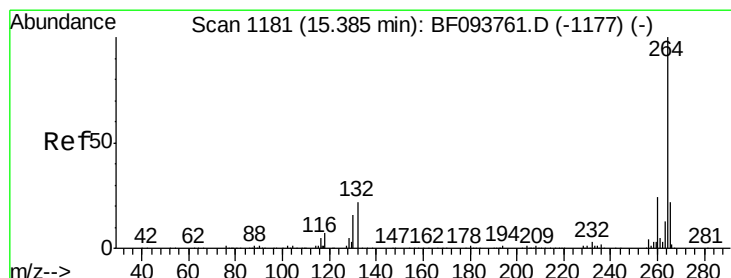
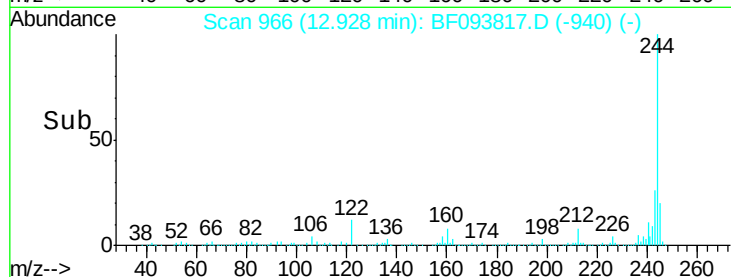
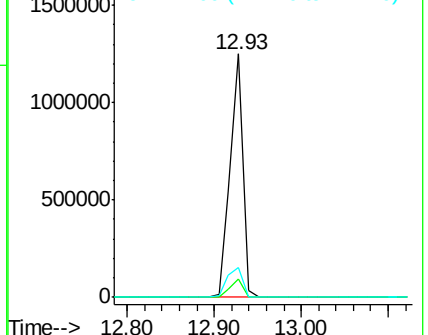
122 12.4 10.3 15.5



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: 15.37 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF093817.D

Acq: 22 Mar 2017 5:29

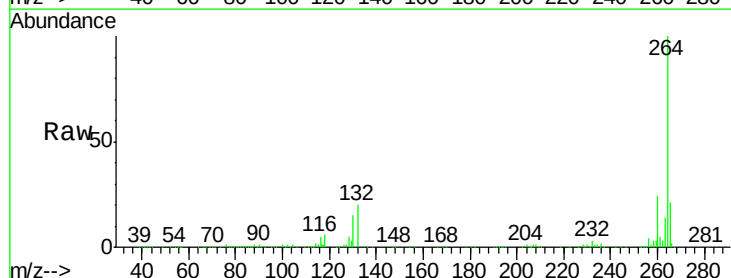
Tgt Ion:264 Resp: 344612

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.5 17.2 25.8



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

