

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093236.D
 Acq On : 28 Feb 2017 5:49
 Operator : SJ/MA
 Sample : I1997-01 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-W5-BASE

Quant Time: Feb 28 06:21:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	140122	20.00	ng	-0.03
21) Naphthalene-d8	8.11	136	523589	20.00	ng	-0.03
38) Acenaphthene-d10	9.86	164	206033	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	327116	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	262554	20.00	ng	-0.03
86) Perylene-d12	15.43	264	179769	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	62799	7.69	ng	-0.02
7) Phenol-d6	6.48	99	76713	7.30	ng	-0.01
23) Nitrobenzene-d5	7.39	82	51510	5.48	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	9433	6.33	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	94249	8.29	ng	-0.03
78) Terphenyl-d14	12.93	244	68771	6.15	ng	-0.03

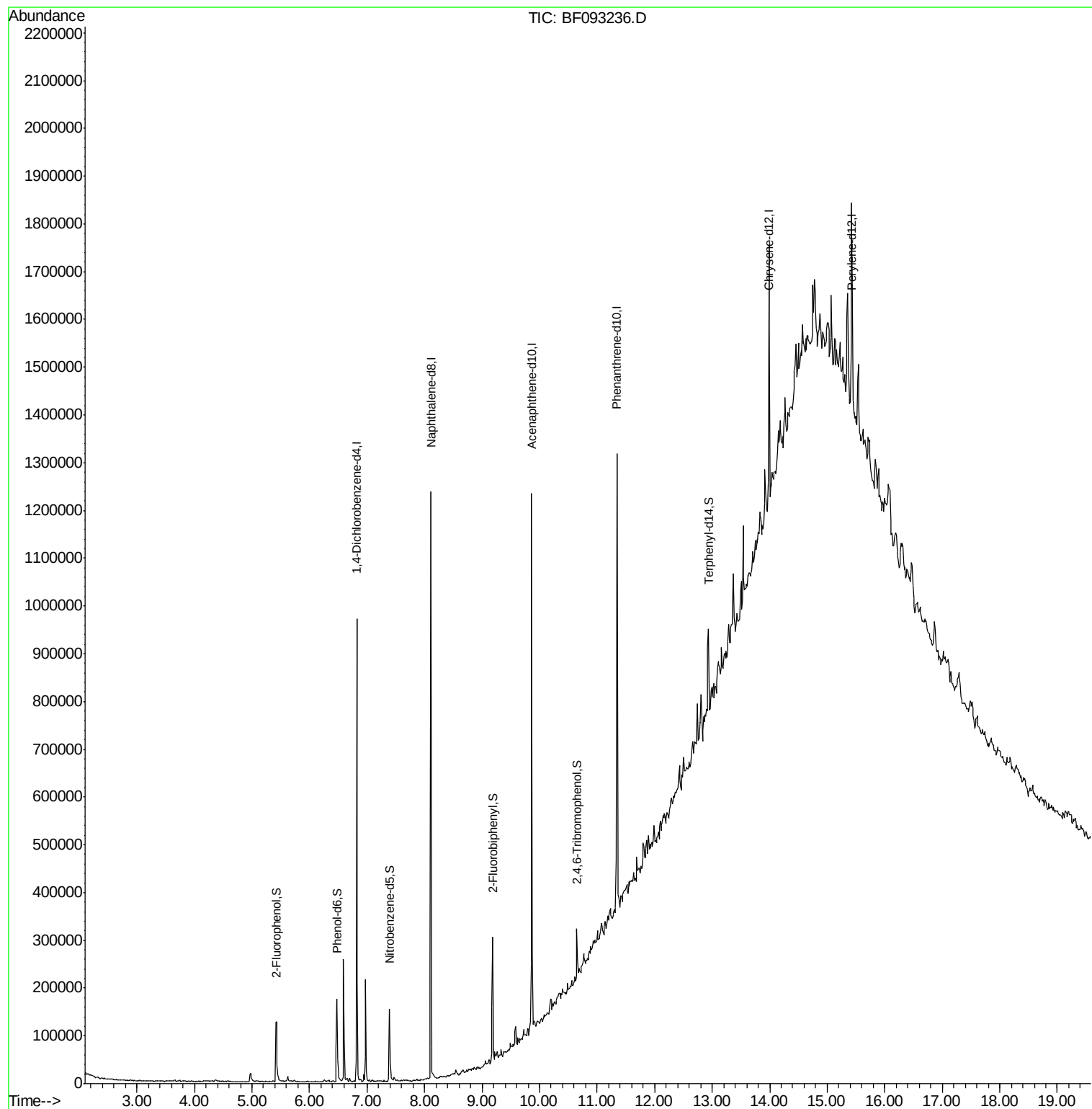
Target Compounds Qvalue

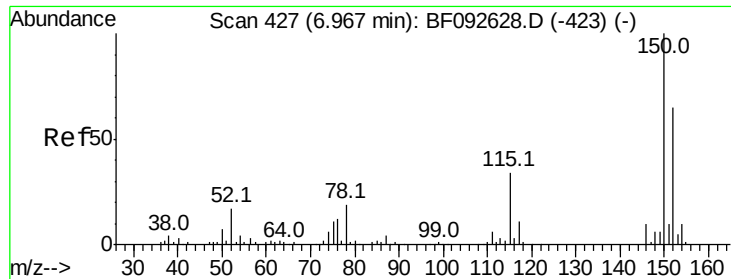
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093236.D
Acq On : 28 Feb 2017 5:49
Operator : SJ/MA
Sample : I1997-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-W5-BASE

Quant Time: Feb 28 06:21:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF093236.D

Acq: 28 Feb 2017 5:49

Instrument :

BNA_F

ClientSampleId :

E2-W5-BASE

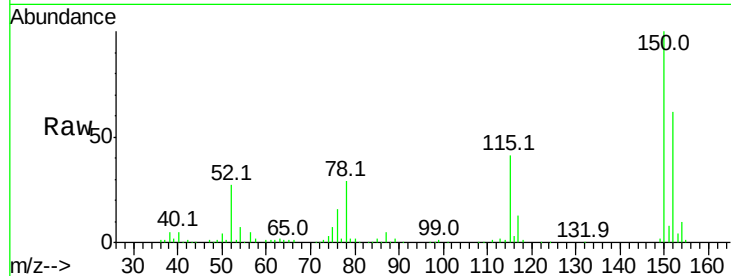
Tot Ion:152 Resp: 140122

Ion Ratio Lower Upper

152 100

150 160.2 124.9 187.3

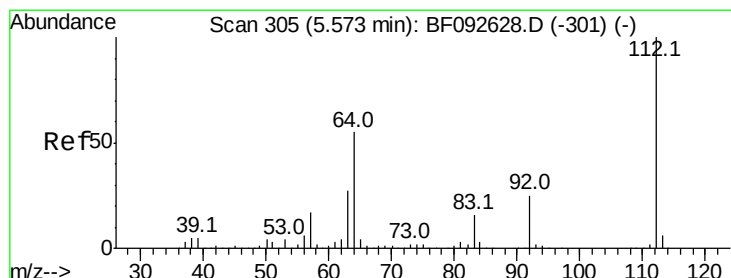
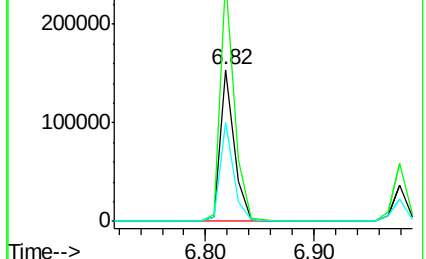
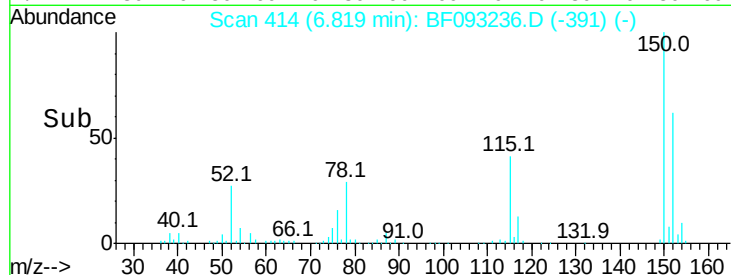
115 65.2 46.0 69.0



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: 7.69 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093236.D

Acq: 28 Feb 2017 5:49

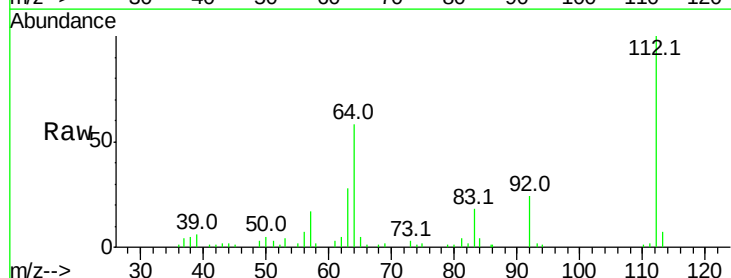
Tgt Ion:112 Resp: 62799

Ion Ratio Lower Upper

112 100

64 58.2 46.1 69.1

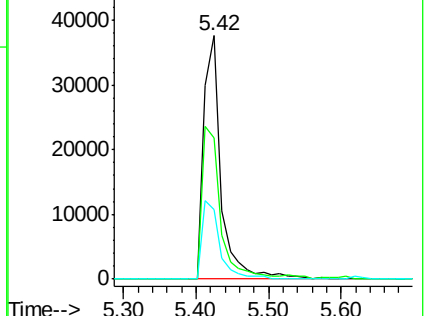
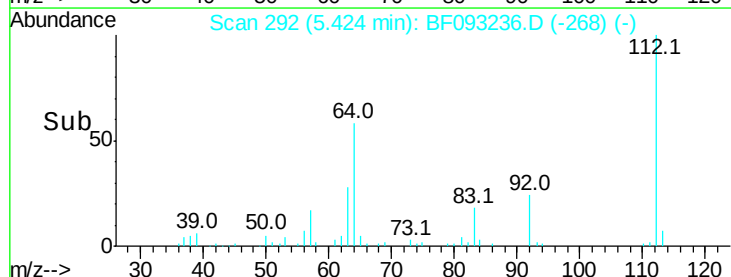
63 28.4 23.8 35.6

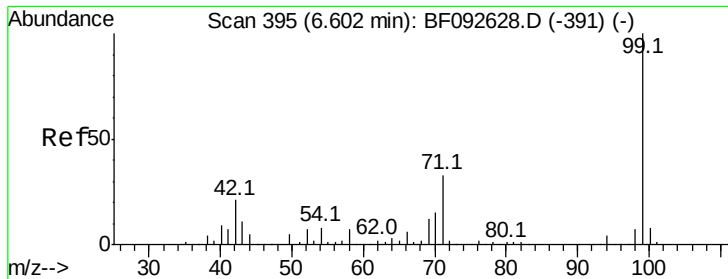


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 7.30 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093236.D

Acq: 28 Feb 2017 5:49

Instrument :

BNA_F

ClientSampleId :

E2-W5-BASE

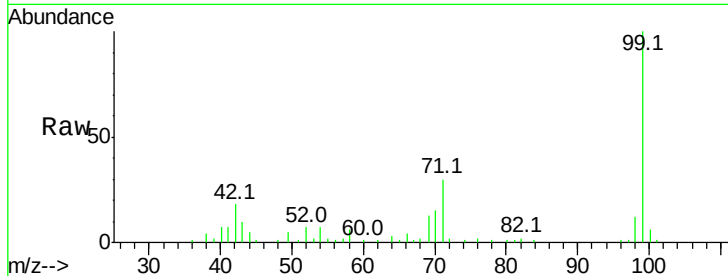
Tot Ion: 99 Resp: 76713

Ion Ratio Lower Upper

99 100

42 18.1 15.6 23.4

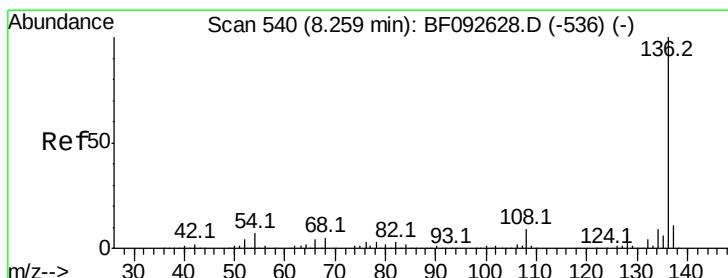
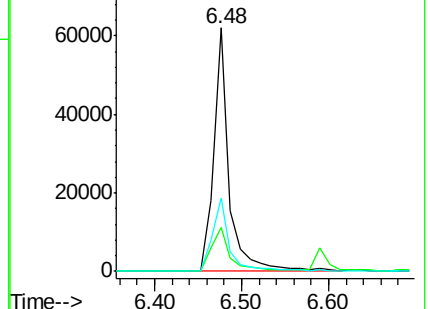
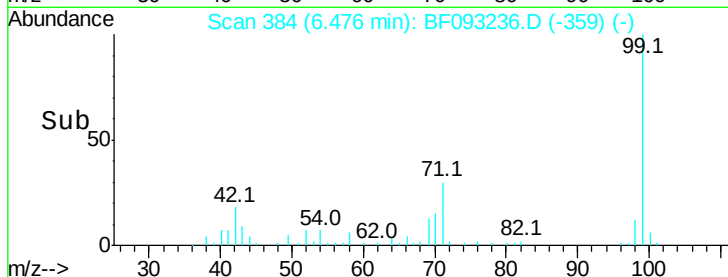
71 29.9 27.5 41.3



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: 8.11 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF093236.D

Acq: 28 Feb 2017 5:49

Tgt Ion: 136 Resp: 523589

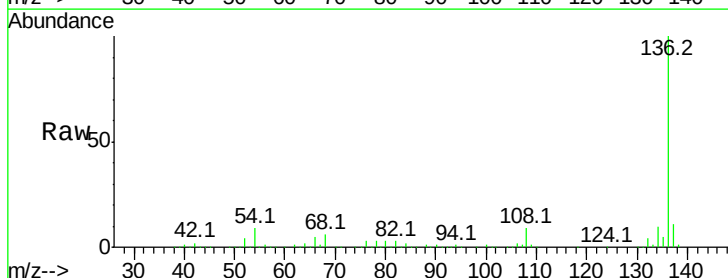
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 8.6 4.5 6.7#

68 6.5 3.6 5.4#

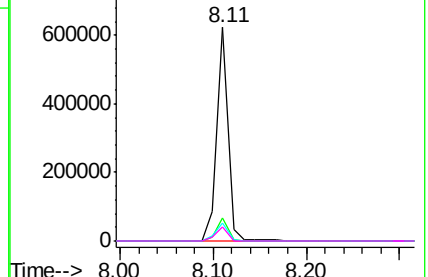
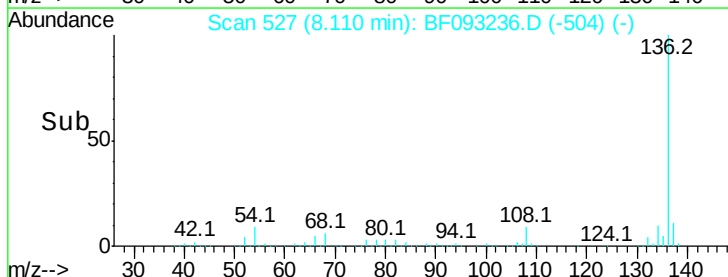


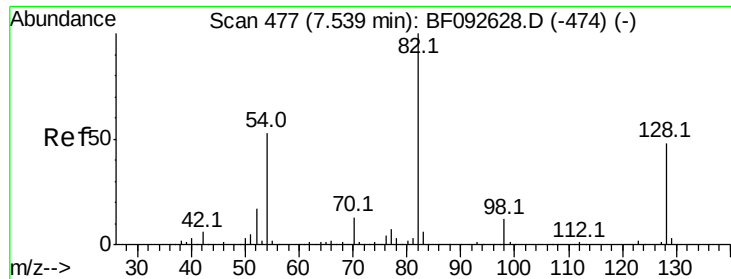
Abundance Ion 136.00 (135.70 to 136.70): E

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

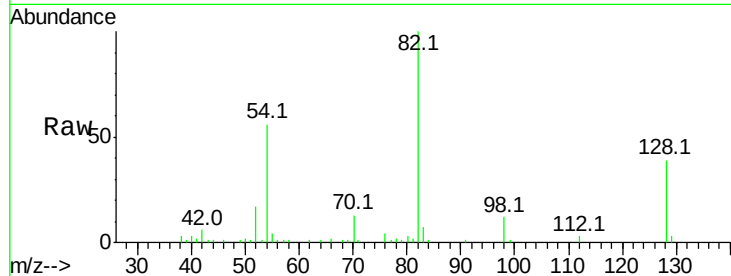




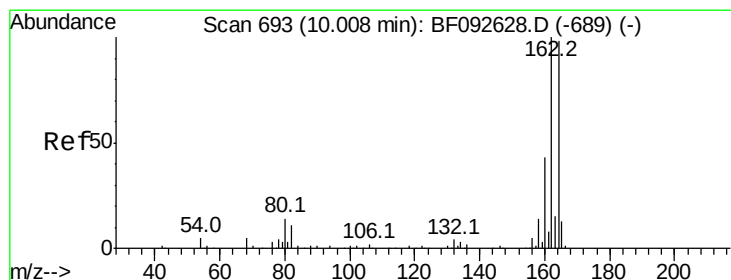
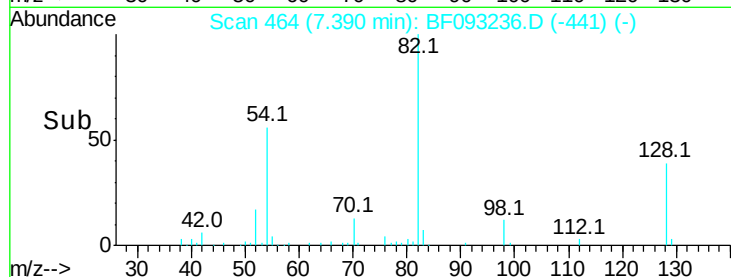
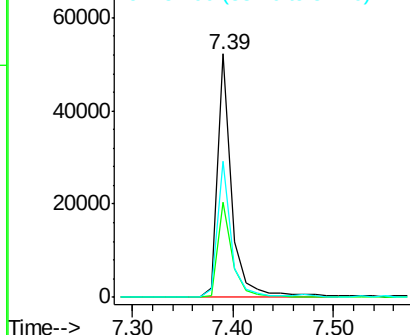
#23
 Nitrobenzene-d5
 Concen: 5.48 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.03 min
 Lab File: BF093236.D
 Acq: 28 Feb 2017 5:49

Instrument :
 BNA_F
 ClientSampleId :
 E2-W5-BASE

Tot Ion	82	Resp	51510
Ion Ratio	Lower	Upper	
82	100		
128	39.2	34.6	52.0
54	56.0	39.5	59.3

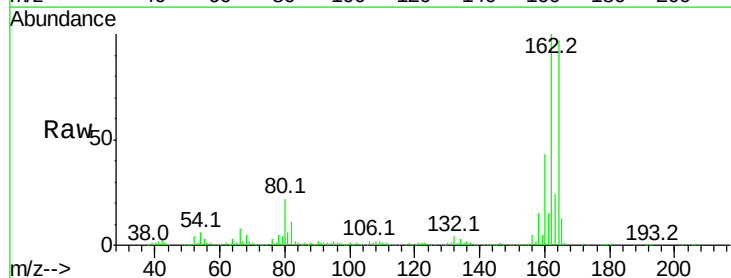


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

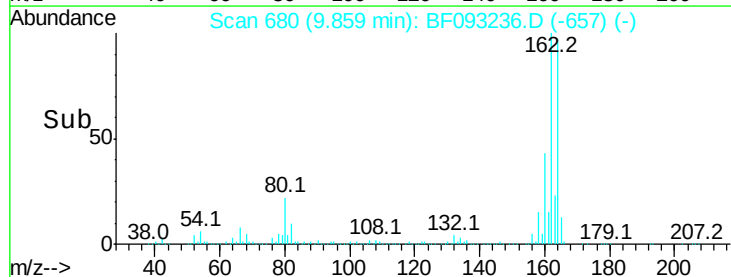
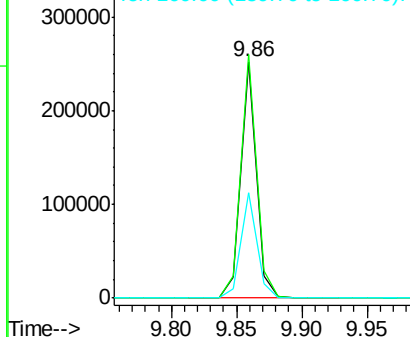


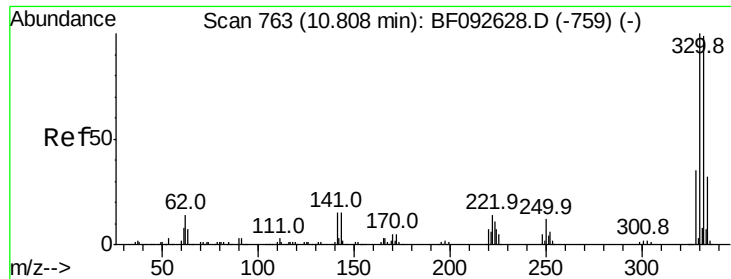
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF093236.D
 Acq: 28 Feb 2017 5:49

Tgt Ion	164	Resp	206033
Ion Ratio	Lower	Upper	
164	100		
162	103.2	80.2	120.2
160	44.7	36.9	55.3



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

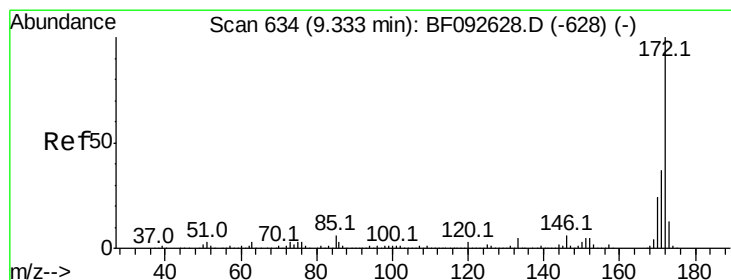
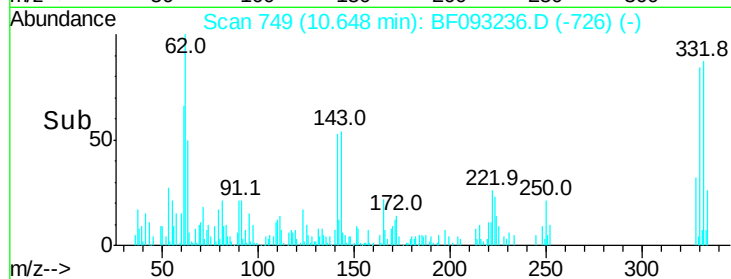
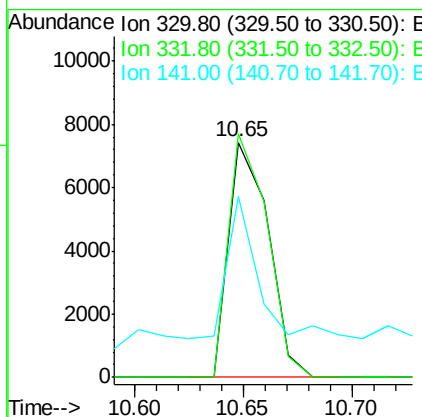
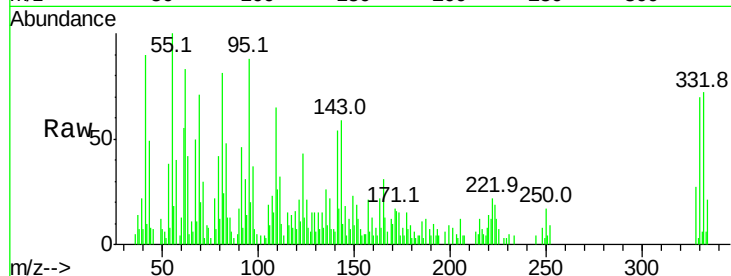




#41
 2,4,6-Tribromophenol
 Concen: 6.33 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093236.D
 Acq: 28 Feb 2017 5:49

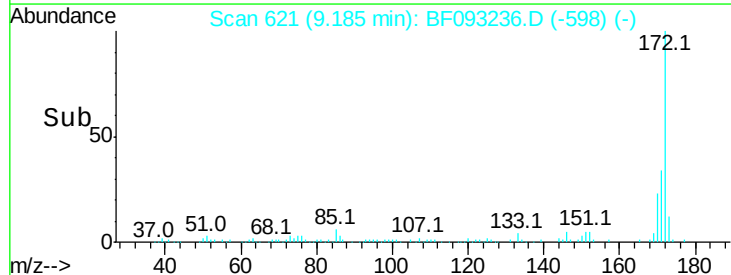
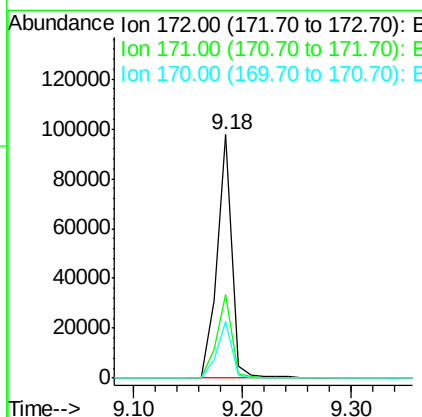
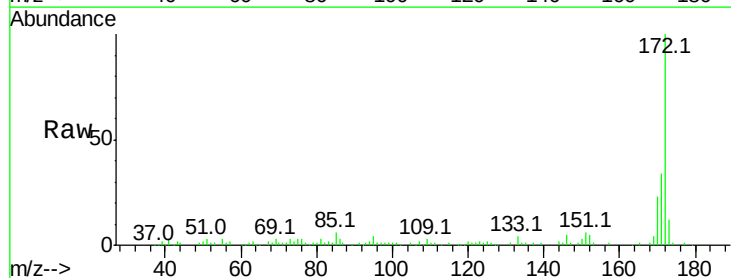
Instrument :
 BNA_F
 ClientSampleId :
 E2-W5-BASE

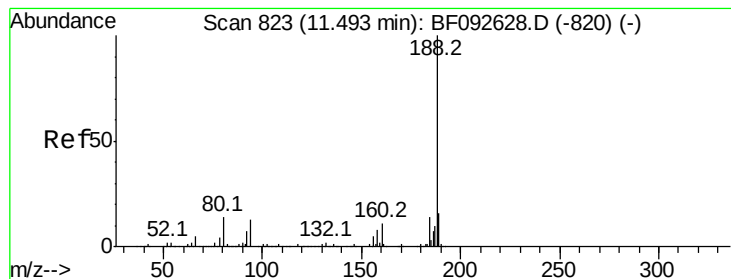
Tot Ion:330 Resp: 9433
 Ion Ratio Lower Upper
 330 100
 332 101.4 77.4 116.2
 141 71.6 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 8.29 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF093236.D
 Acq: 28 Feb 2017 5:49

Tgt Ion:172 Resp: 94249
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.4 44.0
 170 23.2 20.2 30.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF093236.D

Acq: 28 Feb 2017 5:49

Instrument :

BNA_F

ClientSampleId :

E2-W5-BASE

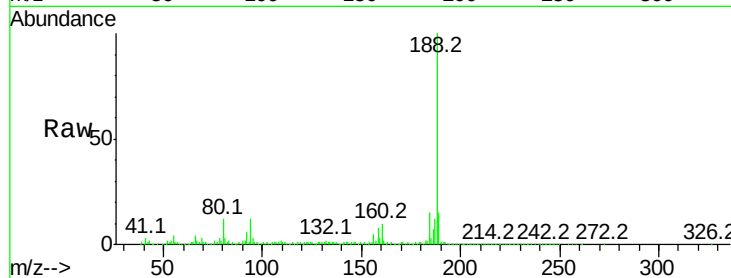
Tot Ion:188 Resp: 327116

Ion Ratio Lower Upper

188 100

94 11.8 10.0 15.0

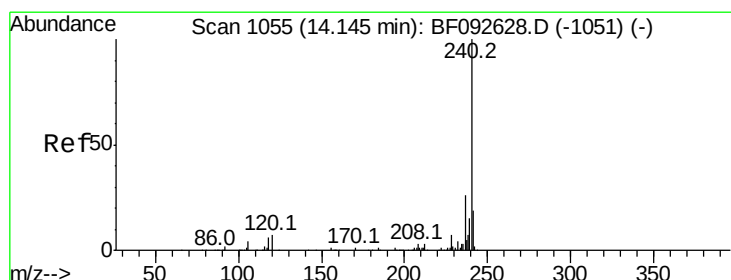
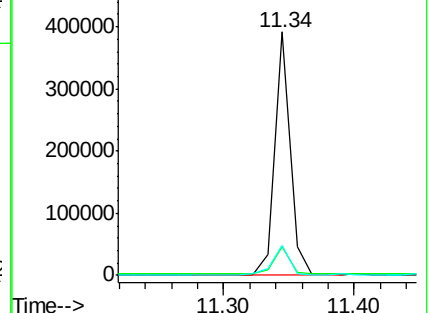
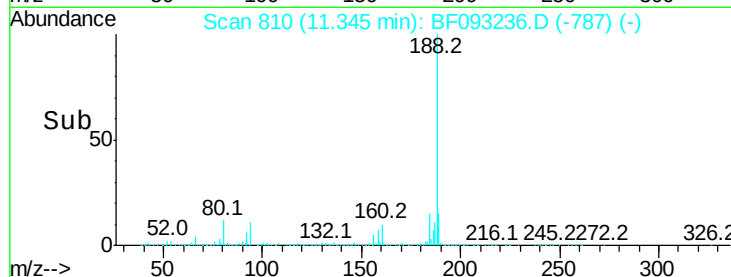
80 12.4 11.2 16.8



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: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093236.D

Acq: 28 Feb 2017 5:49

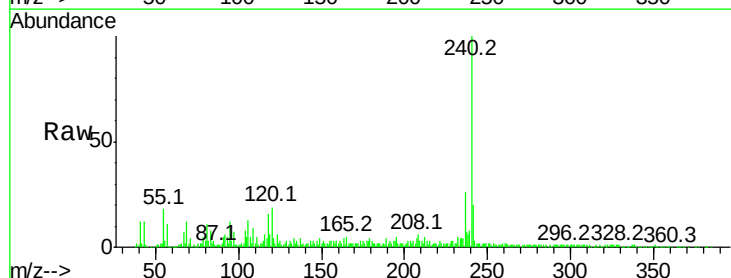
Tgt Ion:240 Resp: 262554

Ion Ratio Lower Upper

240 100

120 19.4 12.9 19.3#

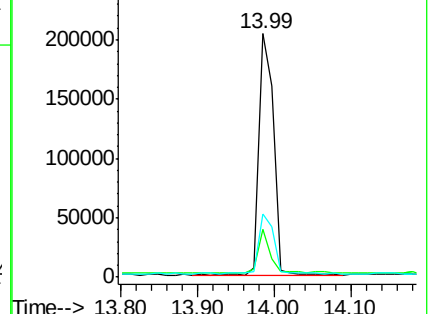
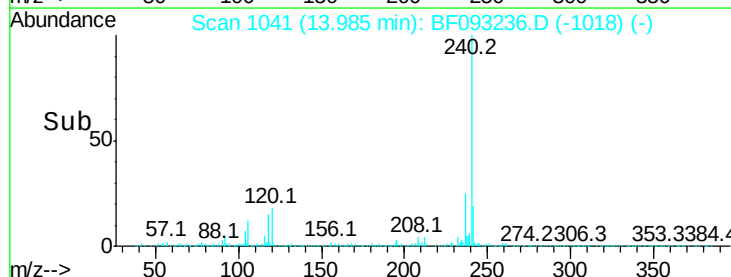
236 25.9 20.9 31.3

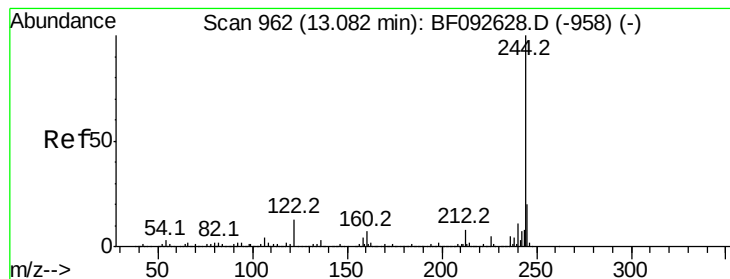


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 6.15 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF093236.D

Acq: 28 Feb 2017 5:49

Instrument :

BNA_F

ClientSampleId :

E2-W5-BASE

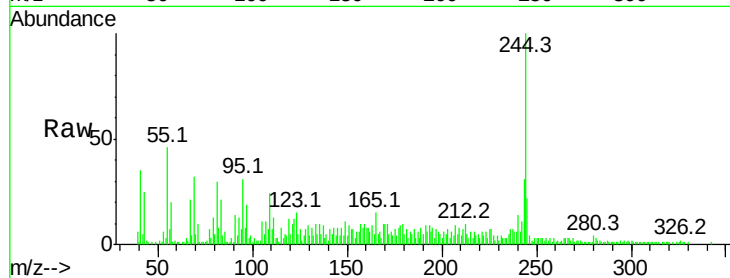
Tot Ion:244 Resp: 68771

Ion Ratio Lower Upper

244 100

212 9.8 6.2 9.2#

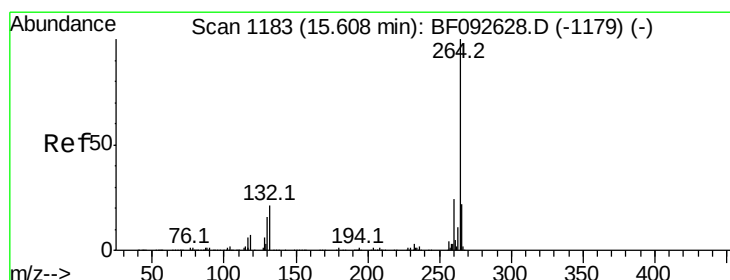
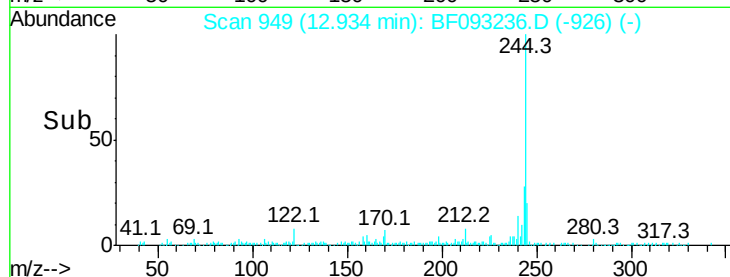
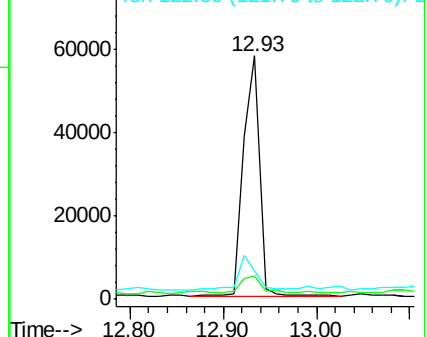
122 12.0 11.4 17.2



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: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093236.D

Acq: 28 Feb 2017 5:49

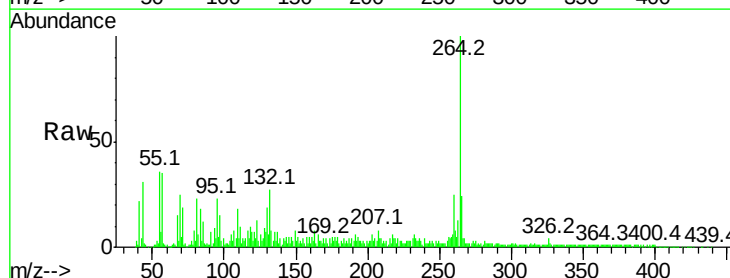
Tgt Ion:264 Resp: 179769

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 23.9 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

