

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093376.D
 Acq On : 3 Mar 2017 23:18
 Operator : SJ/MA
 Sample : I2086-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-20170302

Quant Time: Mar 04 02:36:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 04 01:38:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	191374	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	729452	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	365276	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	677792	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	522885	20.00	ng	-0.01
86) Perylene-d12	15.36	264	355172	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	784522	70.33	ng	0.00
7) Phenol-d6	6.43	99	679160	47.32	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1134209	86.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	342710	129.72	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1955428	96.98	ng	0.00
78) Terphenyl-d14	12.89	244	1647852	74.05	ng	0.00

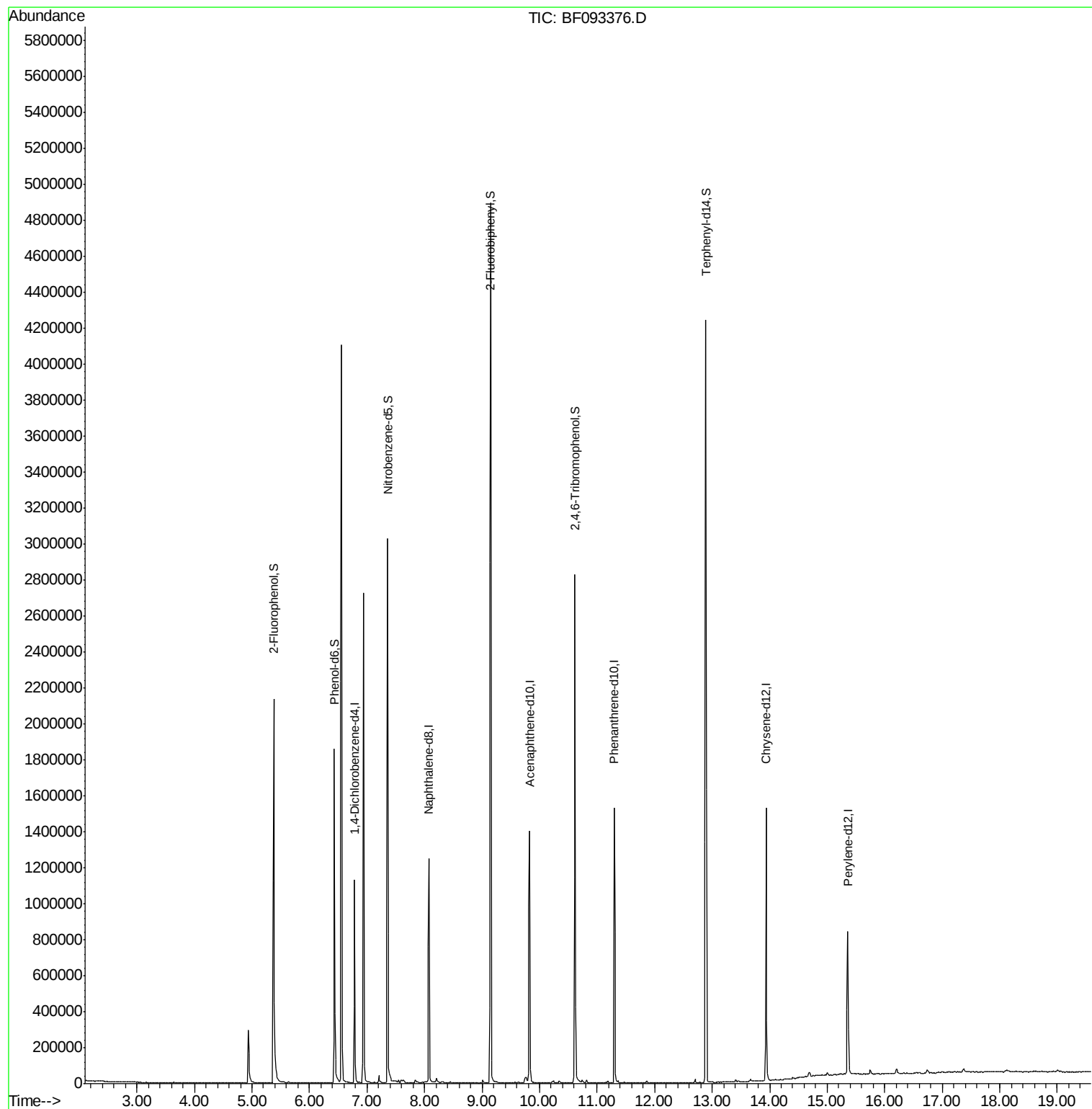
Target Compounds Qvalue

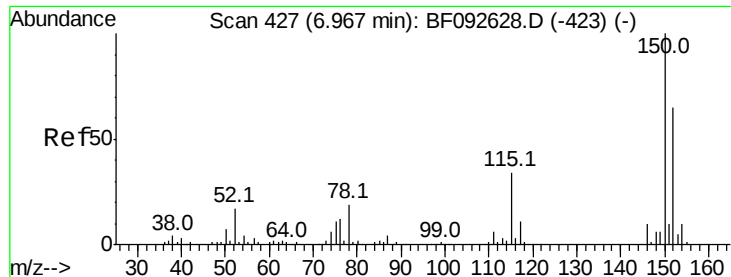
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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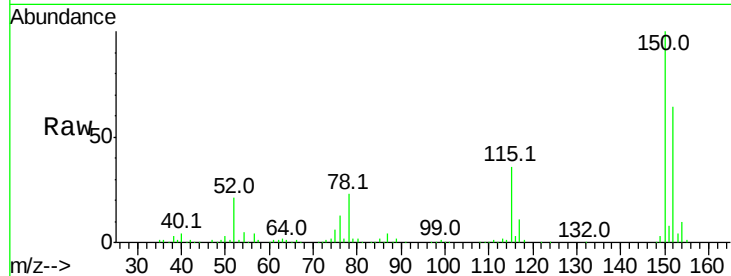


#1

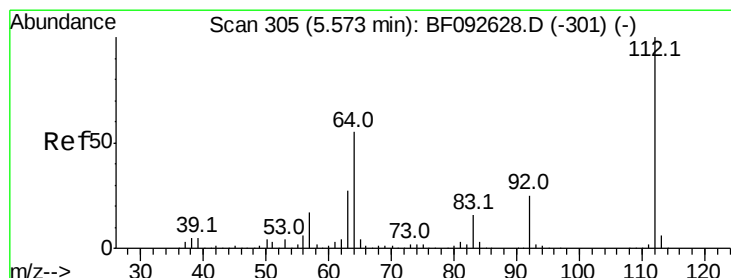
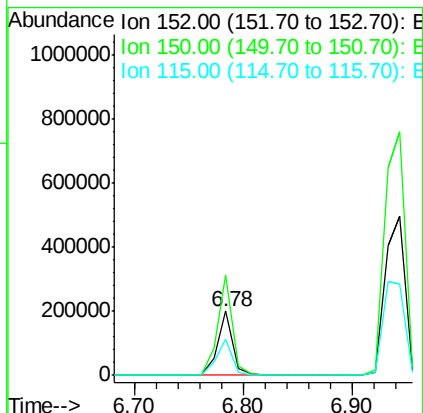
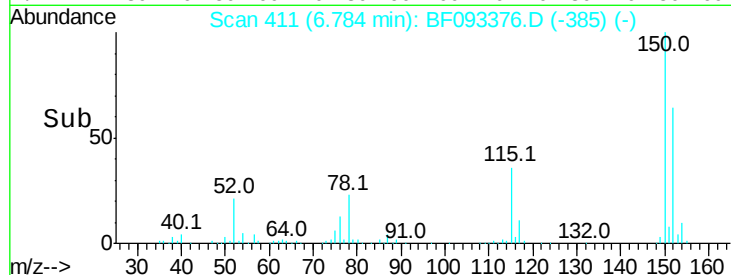
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BF093376.D
 Acq: 3 Mar 2017 23:18

Instrument :
 BNA_F
 ClientSampleId :
 FB-20170302

Tot Ion:152 Resp: 191374
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.9 187.3
 115 56.2 46.0 69.0



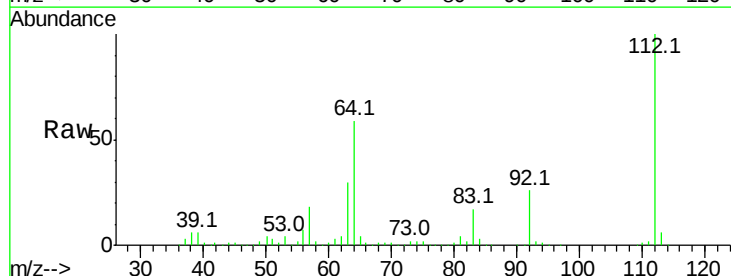
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



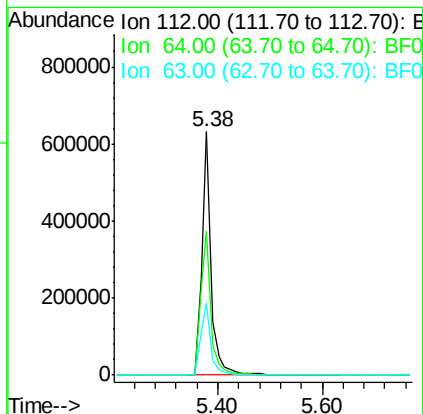
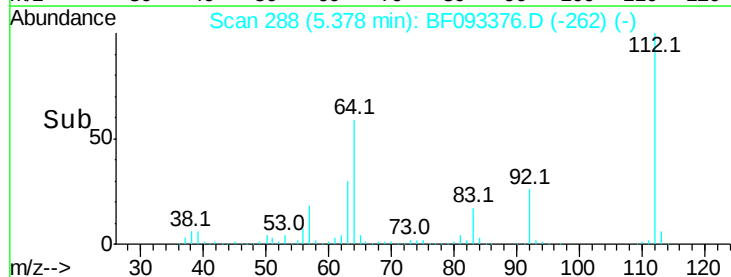
#5

2-Fluorophenol
 Concen: 70.33 ng
 RT: 5.38 min Scan# 288
 Delta R.T. -0.00 min
 Lab File: BF093376.D
 Acq: 3 Mar 2017 23:18

Tgt Ion:112 Resp: 784522
 Ion Ratio Lower Upper
 112 100
 64 59.3 46.1 69.1
 63 29.5 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: 47.32 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF093376.D

Acq: 3 Mar 2017 23:18

Instrument :

BNA_F

ClientSampleId :

FB-20170302

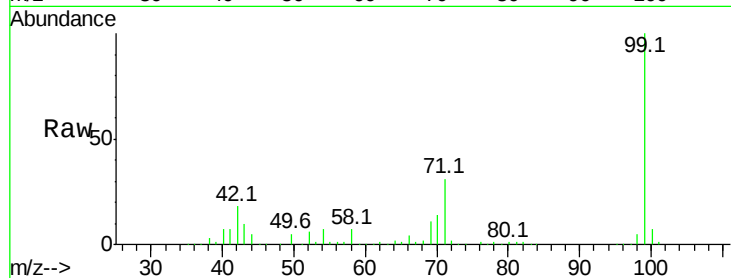
Tot Ion: 99 Resp: 679160

Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

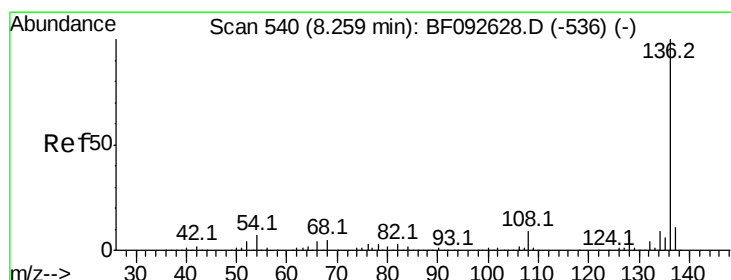
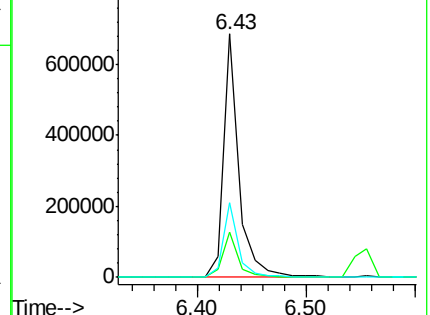
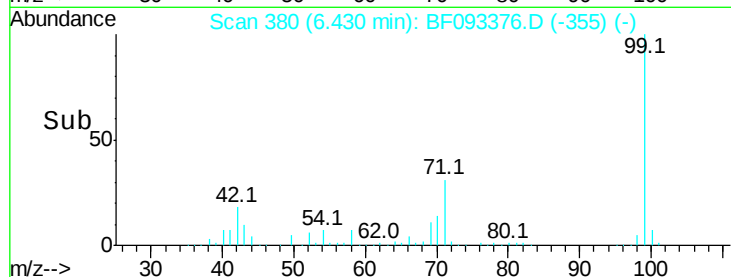
71 30.9 27.5 41.3



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: 8.08 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF093376.D

Acq: 3 Mar 2017 23:18

Tgt Ion: 136 Resp: 729452

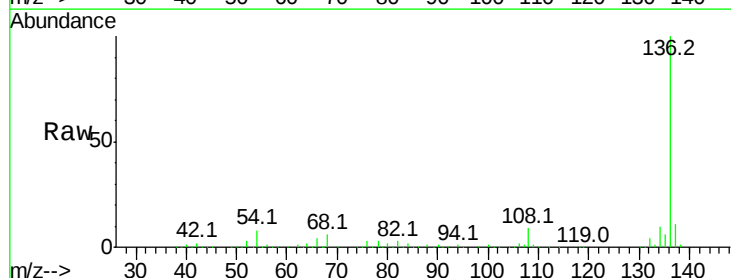
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 7.7 4.5 6.7#

68 5.8 3.6 5.4#

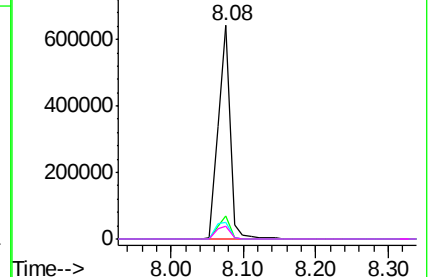
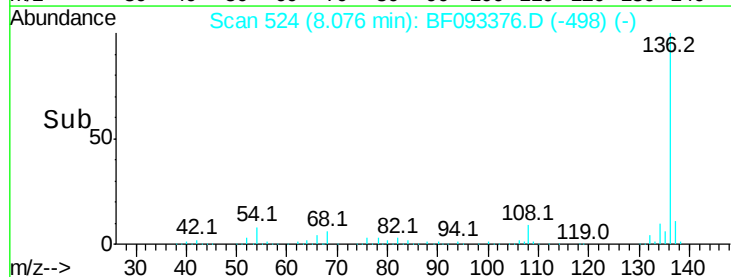


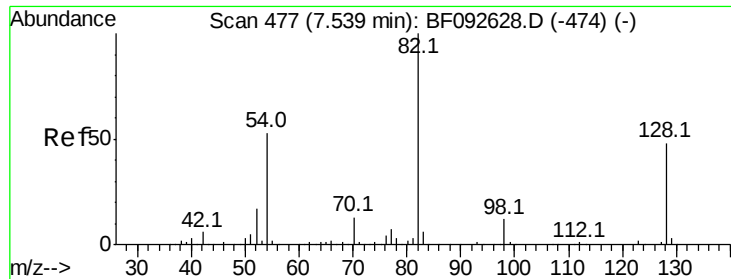
Abundance Ion 136.00 (135.70 to 136.70): E

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

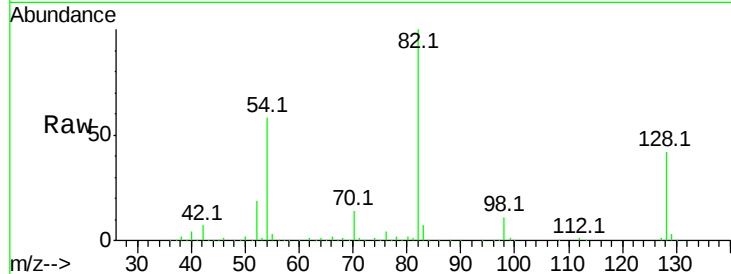




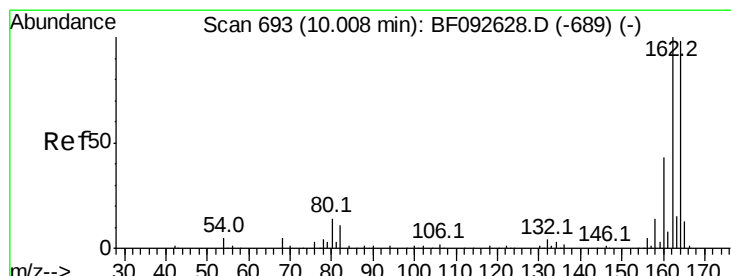
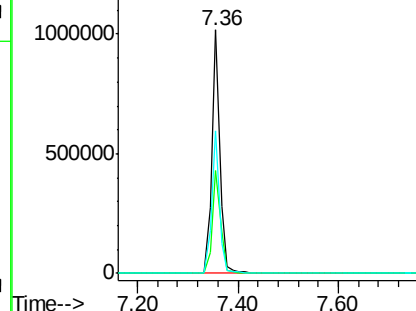
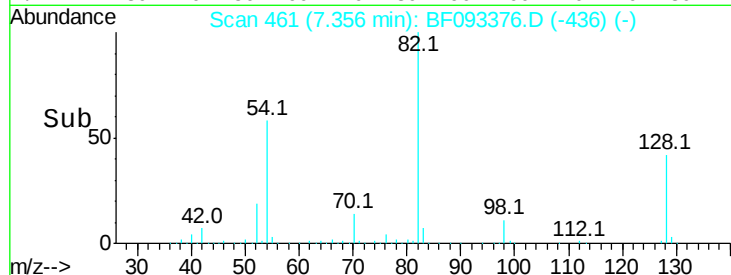
#23
Nitrobenzene-d5
Concen: 86.59 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093376.D
Acq: 3 Mar 2017 23:18

Instrument :
BNA_F
ClientSampleId :
FB-20170302

Tot Ion: 82 Resp: 1134209
Ion Ratio Lower Upper
82 100
128 42.0 34.6 52.0
54 58.3 39.5 59.3

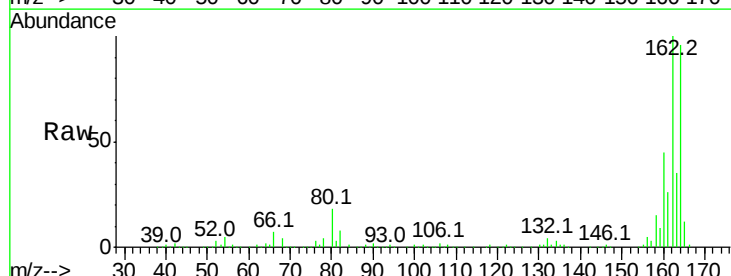


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

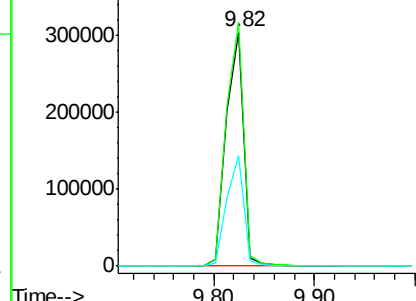
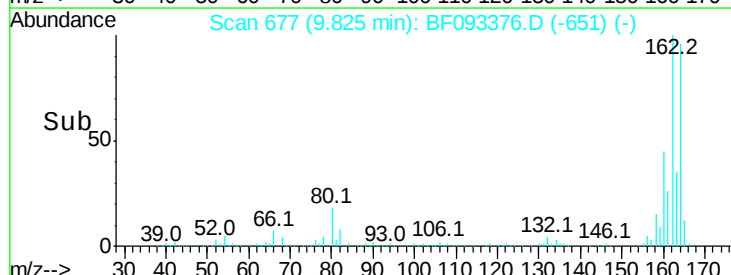


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093376.D
Acq: 3 Mar 2017 23:18

Tgt Ion:164 Resp: 365276
Ion Ratio Lower Upper
164 100
162 104.3 80.2 120.2
160 47.3 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

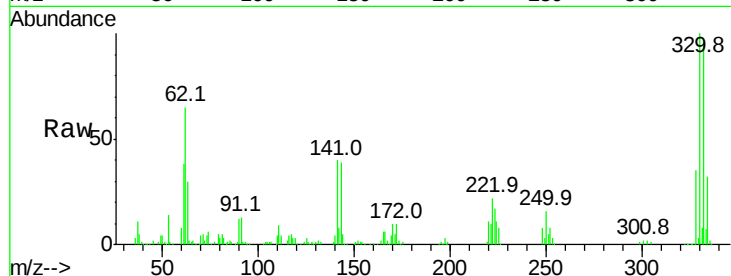




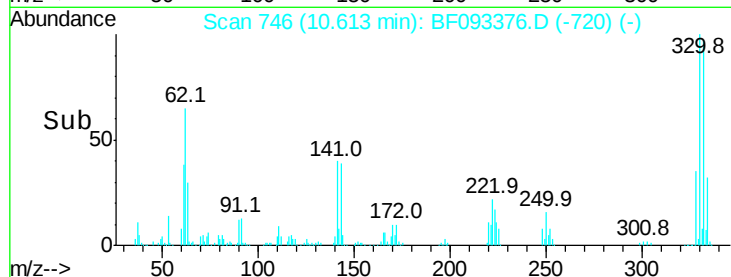
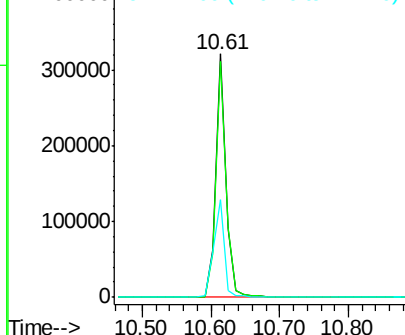
#41
 2,4,6-Tribromophenol
 Concen: 129.72 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF093376.D
 Acq: 3 Mar 2017 23:18

Instrument :
 BNA_F
 ClientSampleId :
 FB-20170302

Tot Ion:330 Resp: 342710
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 41.3 34.1 51.1

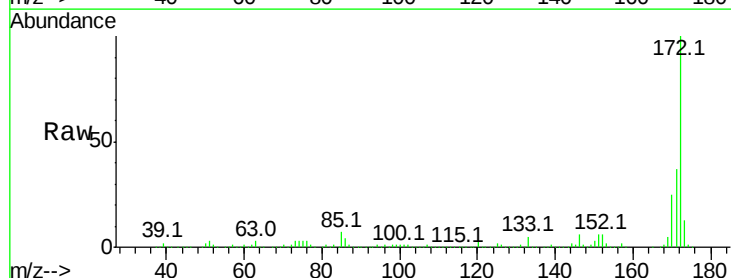


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

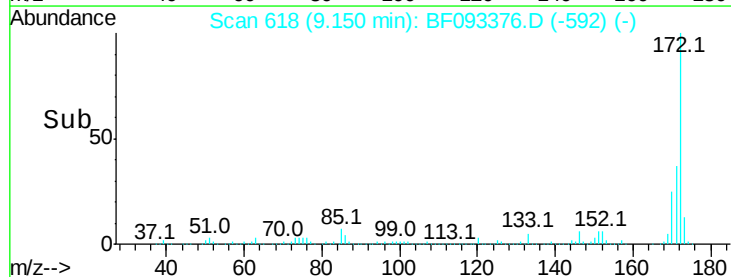
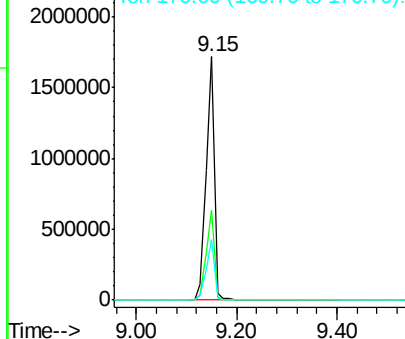


#44
 2-Fluorobiphenyl
 Concen: 96.98 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF093376.D
 Acq: 3 Mar 2017 23:18

Tgt Ion:172 Resp: 1955428
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 24.6 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

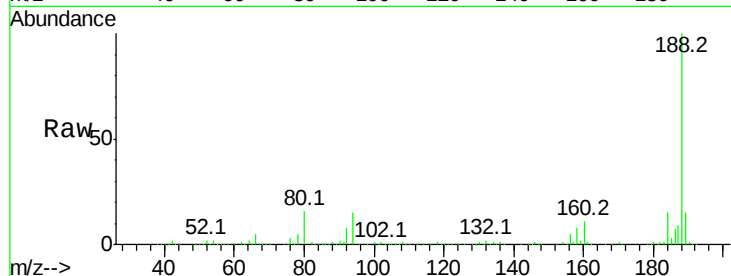




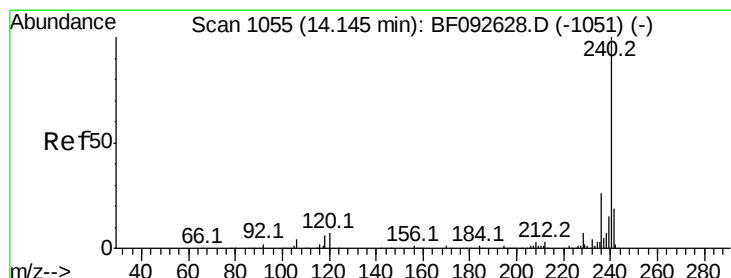
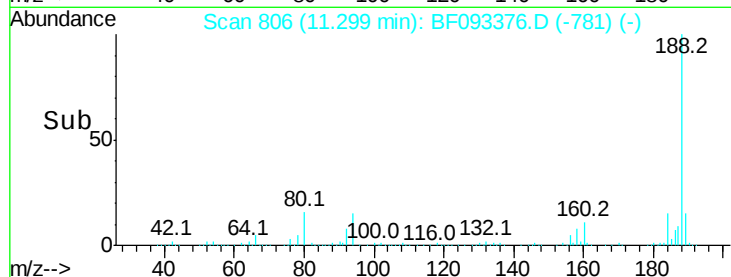
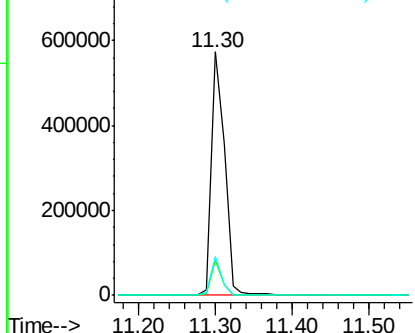
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF093376.D
Acq: 3 Mar 2017 23:18

Instrument :
BNA_F
ClientSampleId :
FB-20170302

Tot Ion:188 Resp: 677792
Ion Ratio Lower Upper
188 100
94 14.5 10.0 15.0
80 15.9 11.2 16.8

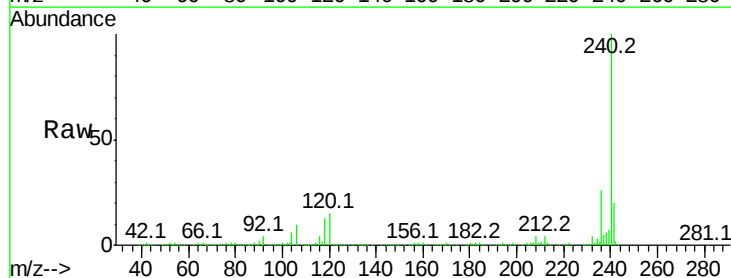


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

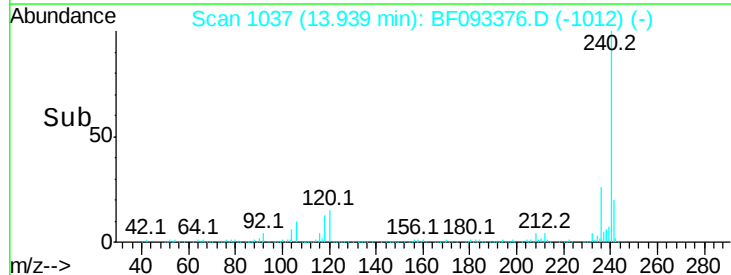
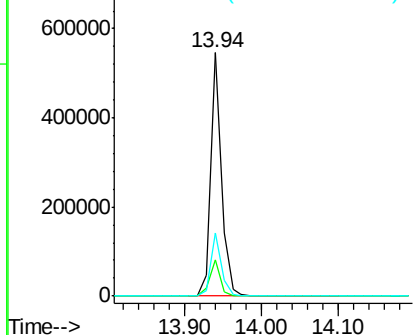


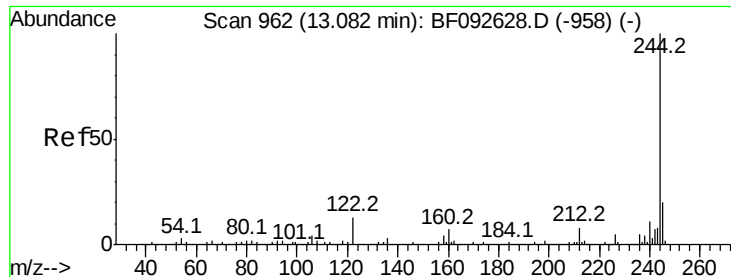
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF093376.D
Acq: 3 Mar 2017 23:18

Tgt Ion:240 Resp: 522885
Ion Ratio Lower Upper
240 100
120 14.8 12.9 19.3
236 26.1 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: 74.05 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF093376.D

Acq: 3 Mar 2017 23:18

Instrument :

BNA_F

ClientSampleId :

FB-20170302

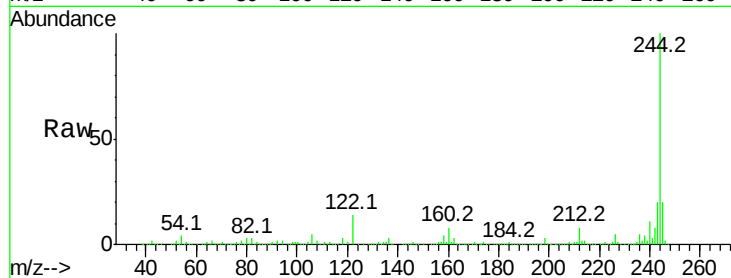
Tot Ion:244 Resp: 1647852

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

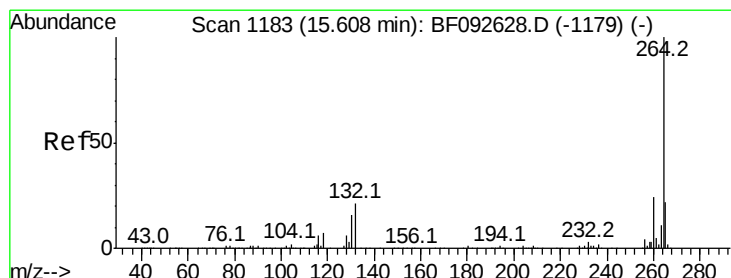
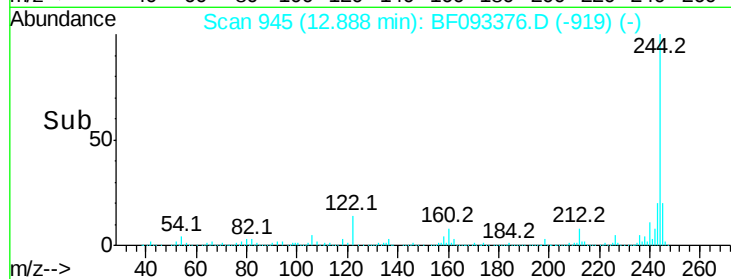
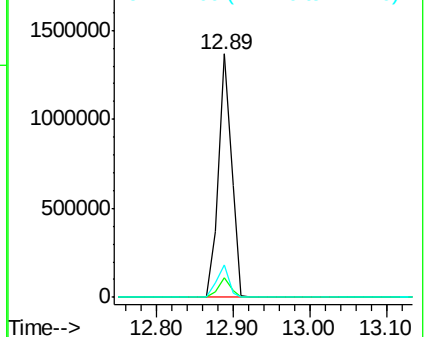
122 13.5 11.4 17.2



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: 15.36 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF093376.D

Acq: 3 Mar 2017 23:18

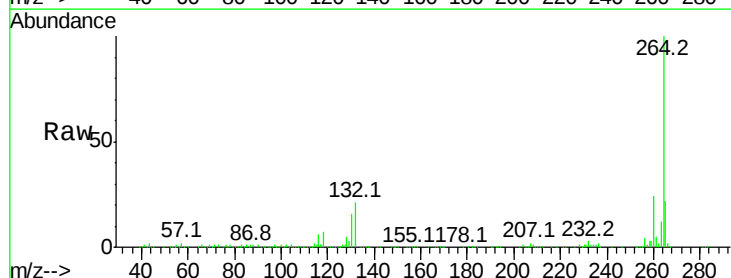
Tgt Ion:264 Resp: 355172

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.2 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

