

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093646.D
 Acq On : 14 Mar 2017 9:25
 Operator : SJ/MA
 Sample : I2201-22
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-123

Quant Time: Mar 15 03:17:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	178647	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	726600	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	342653	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	669931	20.00	ng	0.00
75) Chrysene-d12	13.90	240	488421	20.00	ng	0.01
86) Perylene-d12	15.31	264	342948	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1637749	152.58	ng	0.00
7) Phenol-d6	6.37	99	1971383	145.64	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1244566	95.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	405324	181.56	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1979802	107.47	ng	-0.01
78) Terphenyl-d14	12.84	244	1647966	87.72	ng	0.01

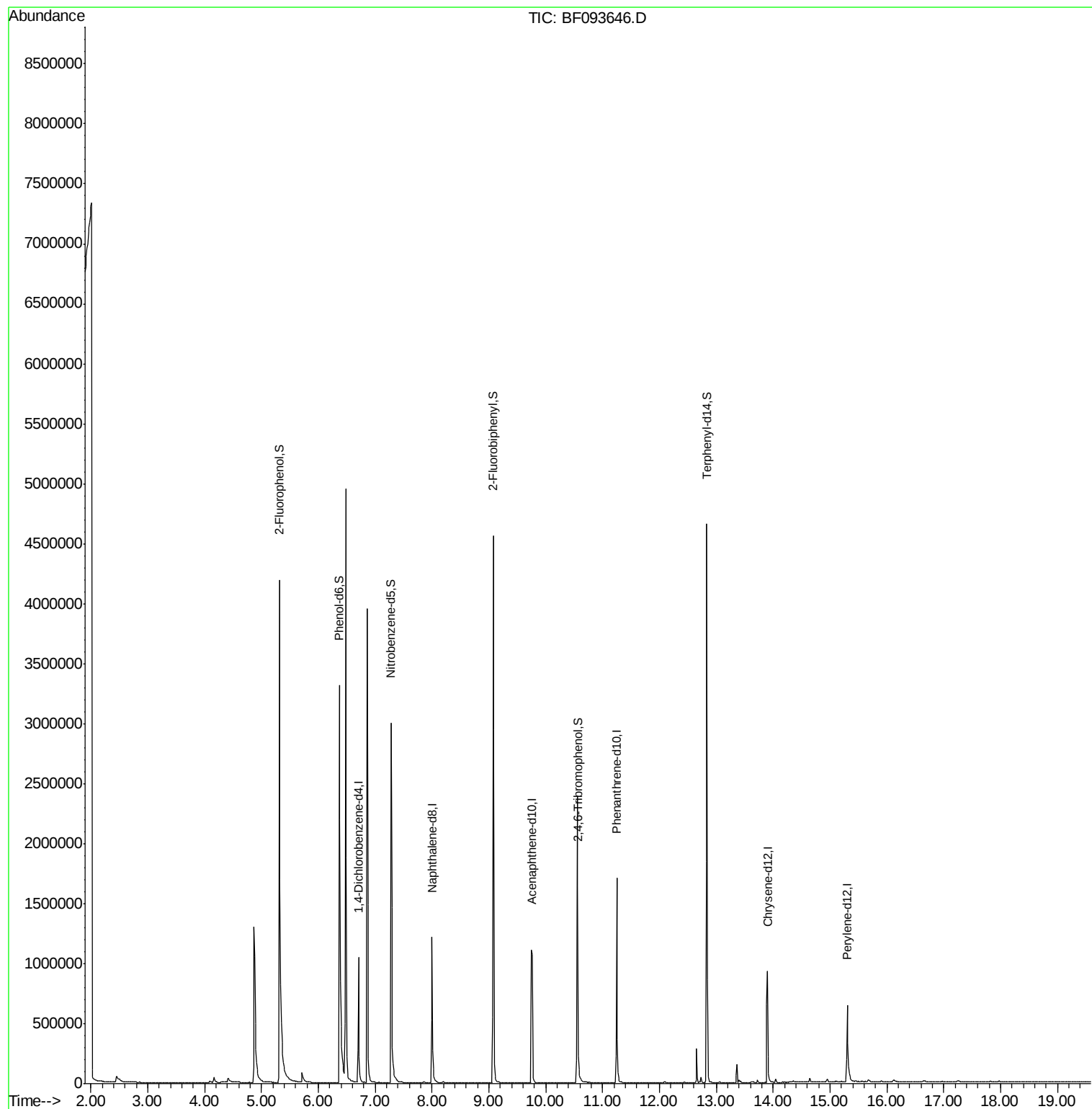
Target Compounds Qvalue

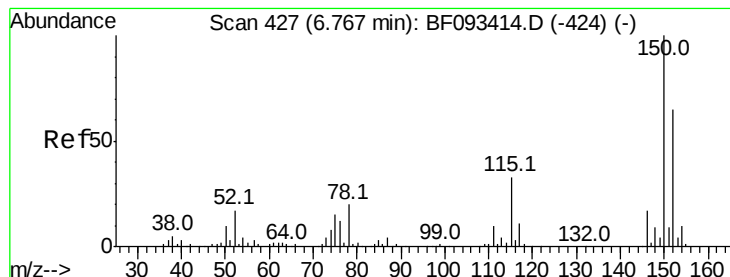
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 13 15:05:08 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093646.D

Acq: 14 Mar 2017 9:25

Instrument :

BNA_F

ClientSampleId :

D-123

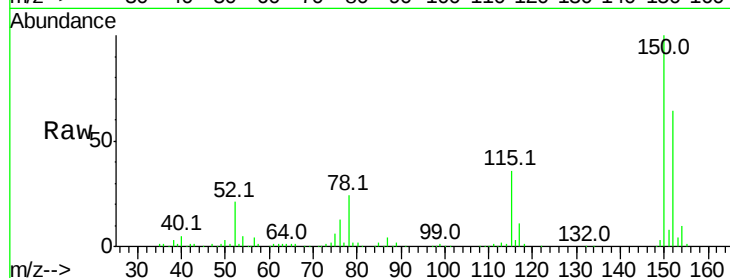
Tot Ion:152 Resp: 178647

Ion Ratio Lower Upper

152 100

150 157.3 124.9 187.3

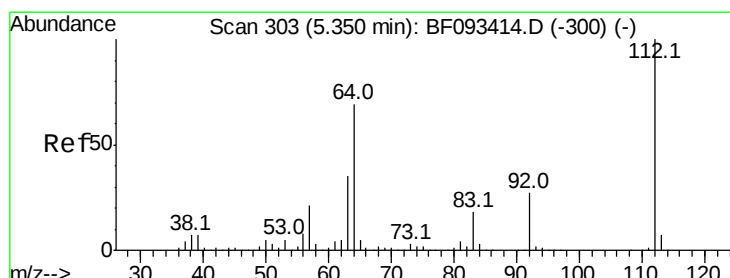
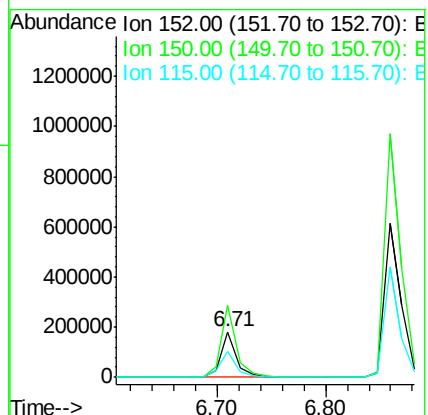
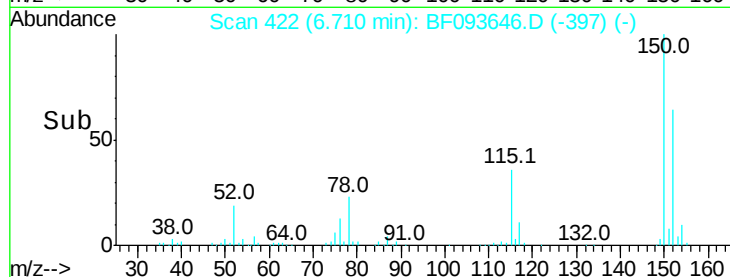
115 57.3 46.0 69.0



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: 152.58 ng

RT: 5.32 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF093646.D

Acq: 14 Mar 2017 9:25

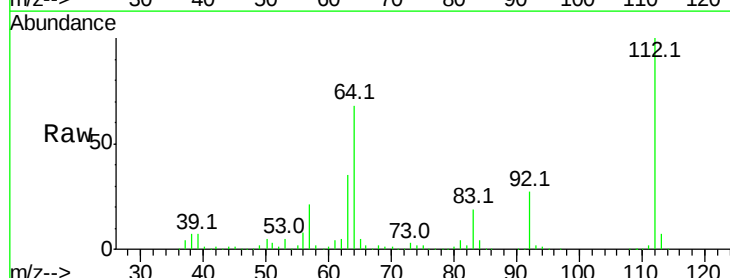
Tgt Ion:112 Resp: 1637749

Ion Ratio Lower Upper

112 100

64 67.8 46.1 69.1

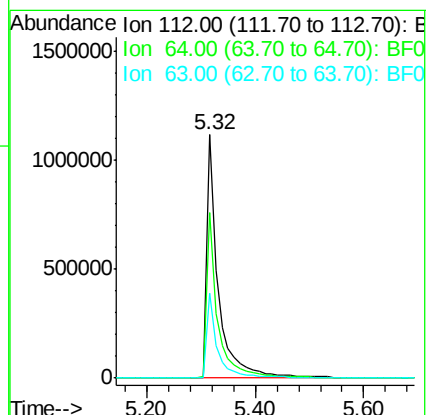
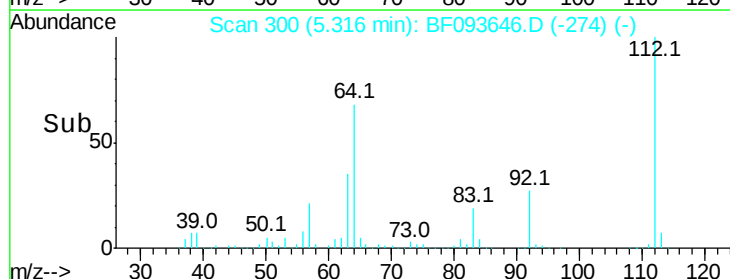
63 34.8 23.8 35.6

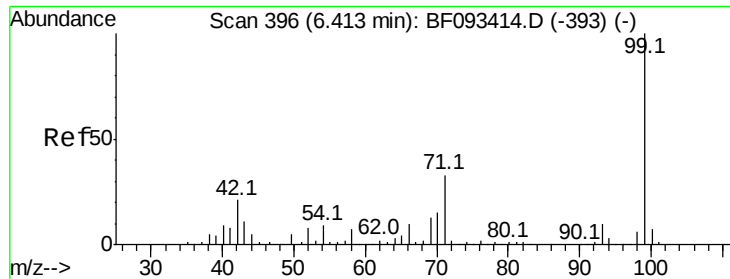


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 145.64 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093646.D

Acq: 14 Mar 2017 9:25

Instrument :

BNA_F

ClientSampled :

D-123

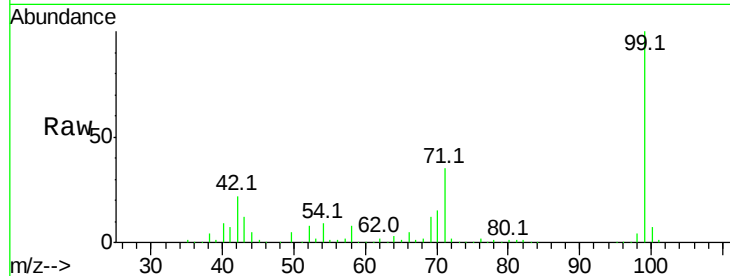
Tot Ion: 99 Resp: 1971383

Ion Ratio Lower Upper

99 100

42 22.3 15.6 23.4

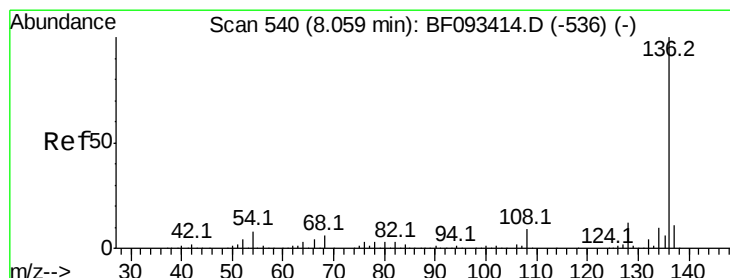
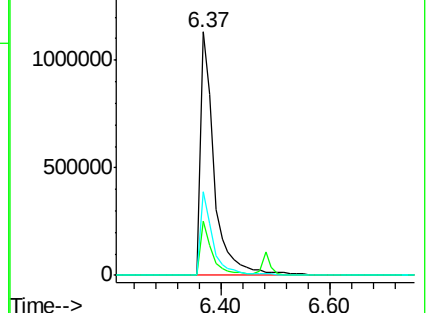
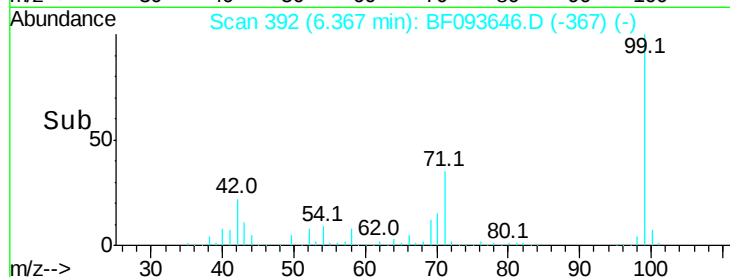
71 34.6 27.5 41.3



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: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093646.D

Acq: 14 Mar 2017 9:25

Tgt Ion: 136 Resp: 726600

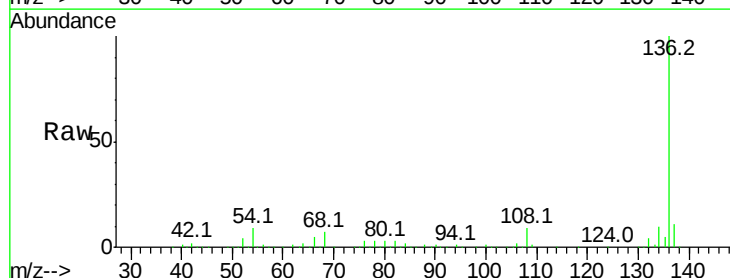
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 8.7 4.5 6.7#

68 6.6 3.6 5.4#

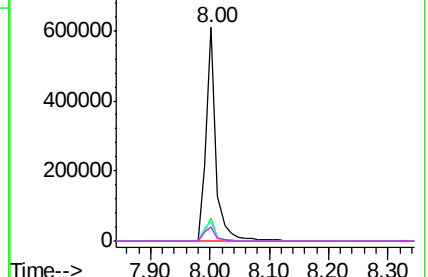
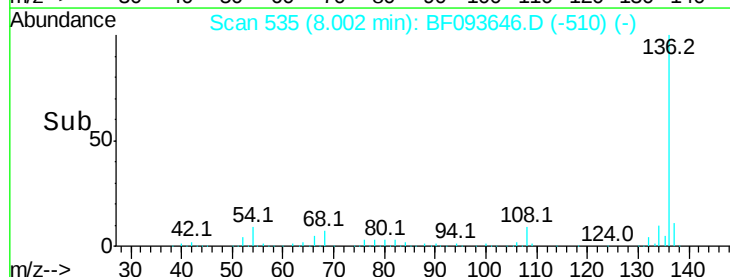


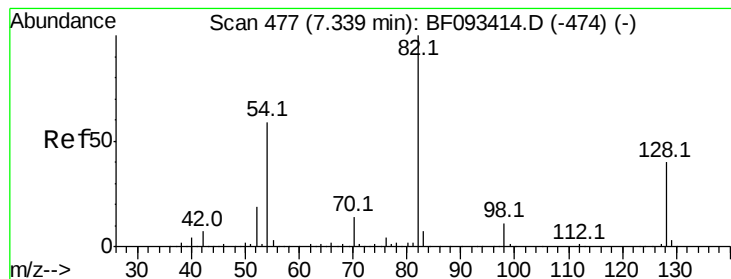
Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.04 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF093646.D

Acq: 14 Mar 2017 9:25

Instrument :

BNA_F

ClientSampleId :

D-123

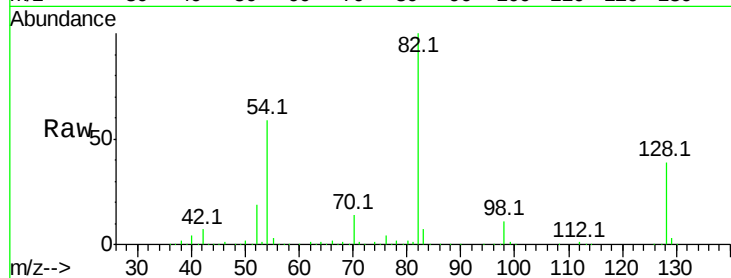
Tot Ion: 82 Resp: 1244566

Ion Ratio Lower Upper

82 100

128 38.7 34.6 52.0

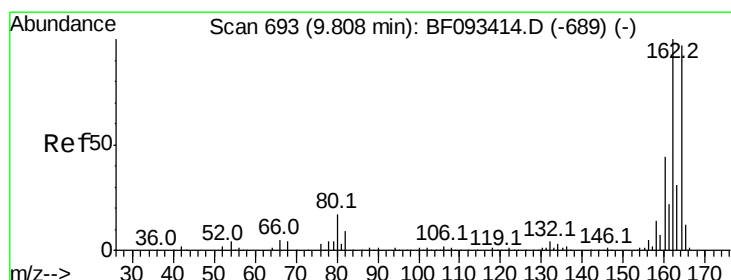
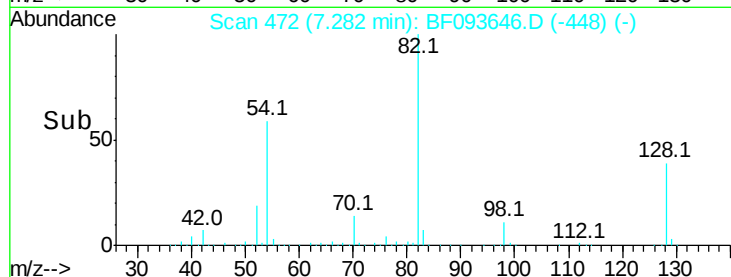
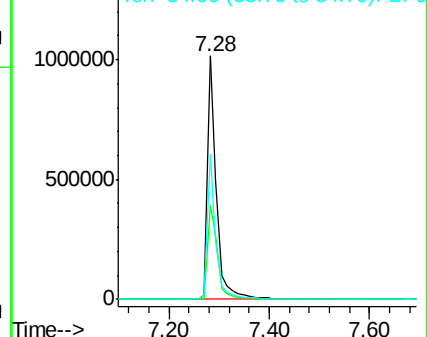
54 59.4 39.5 59.3#



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: 9.75 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF093646.D

Acq: 14 Mar 2017 9:25

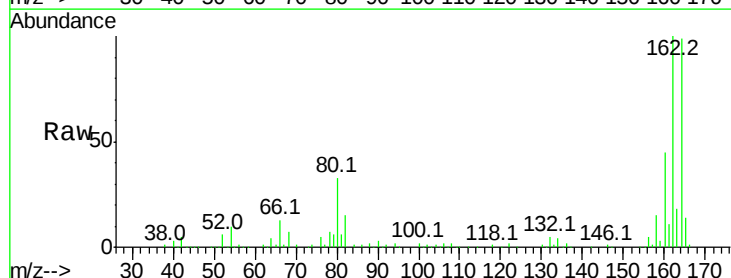
Tgt Ion:164 Resp: 342653

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

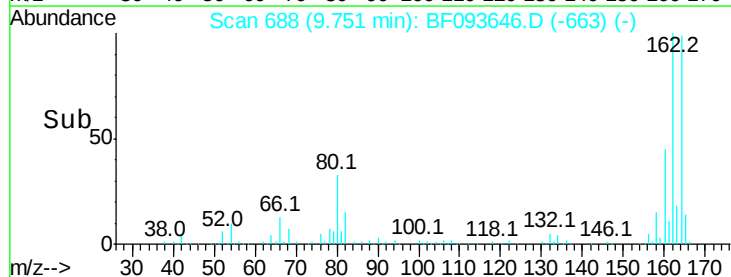
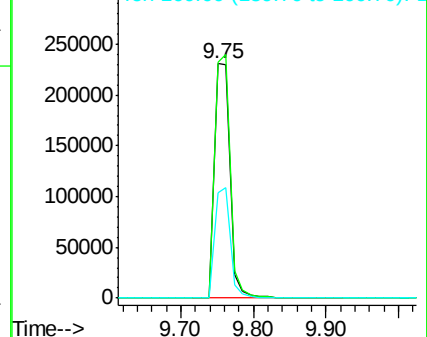
160 45.0 36.9 55.3

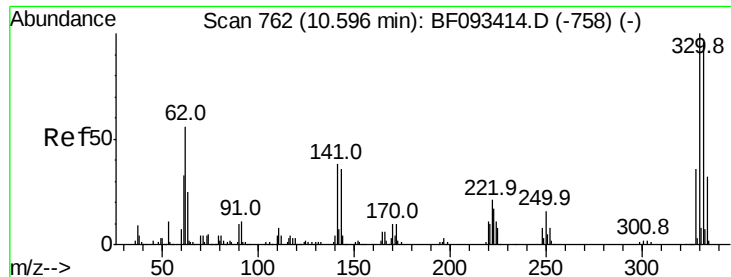


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

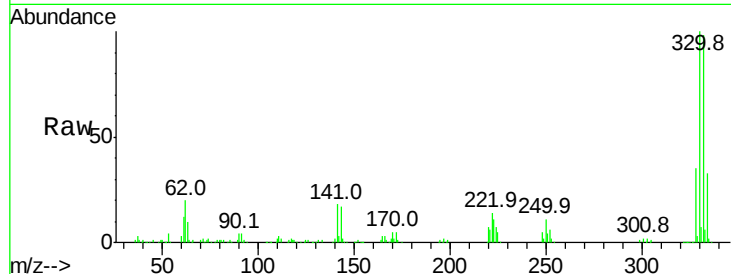




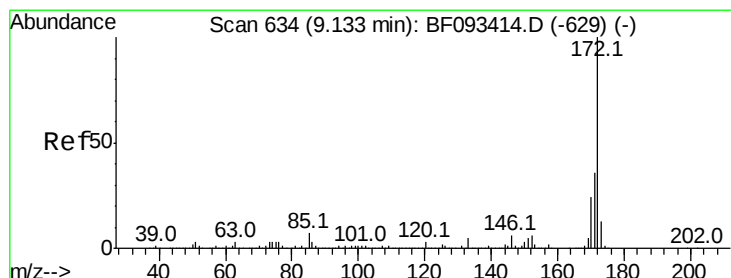
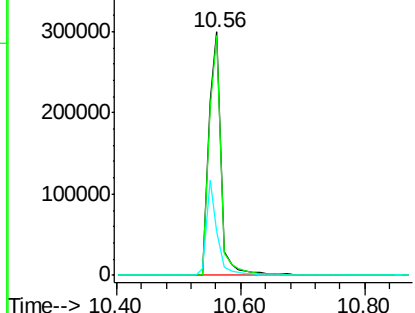
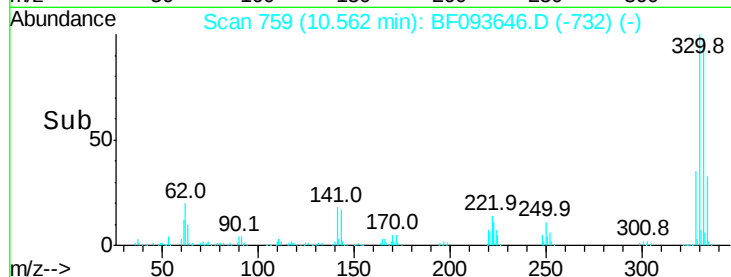
#41
 2,4,6-Tribromophenol
 Concen: 181.56 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093646.D
 Acq: 14 Mar 2017 9:25

Instrument :
 BNA_F
 ClientSampleId :
 D-123

Tot Ion:330 Resp: 405324
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 34.7 34.1 51.1

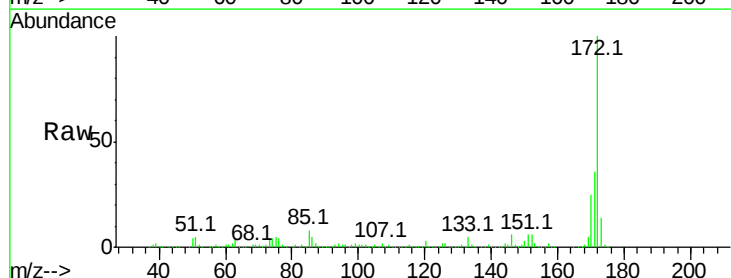


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

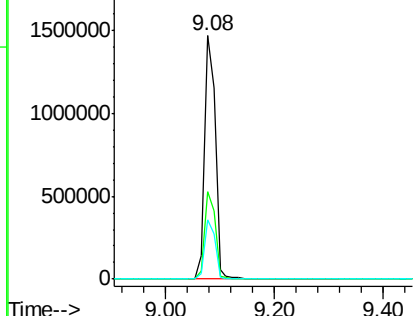
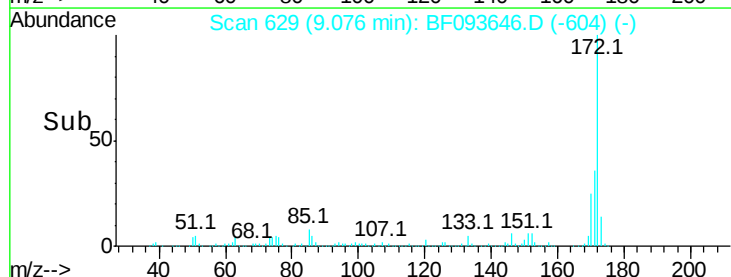


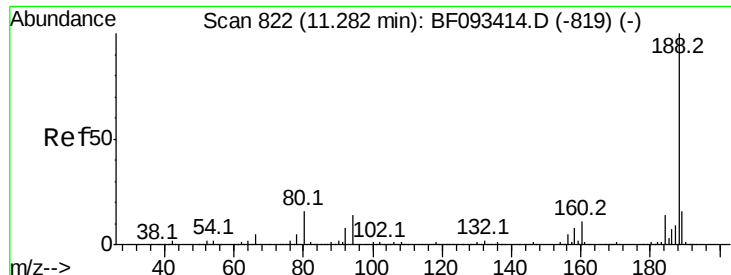
#44
 2-Fluorobiphenyl
 Concen: 107.47 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093646.D
 Acq: 14 Mar 2017 9:25

Tgt Ion:172 Resp: 1979802
 Ion Ratio Lower Upper
 172 100
 171 36.1 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

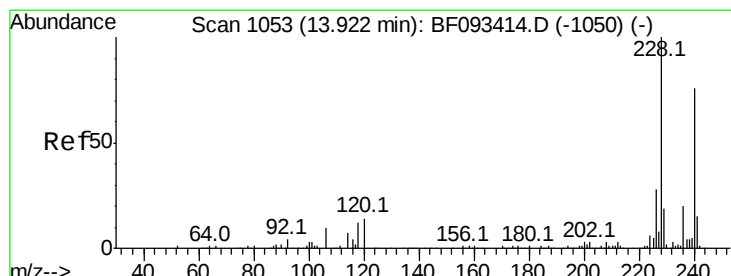
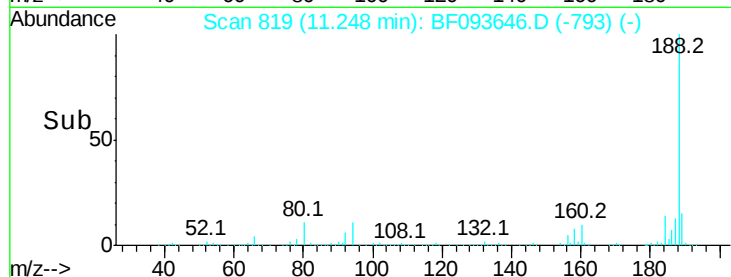
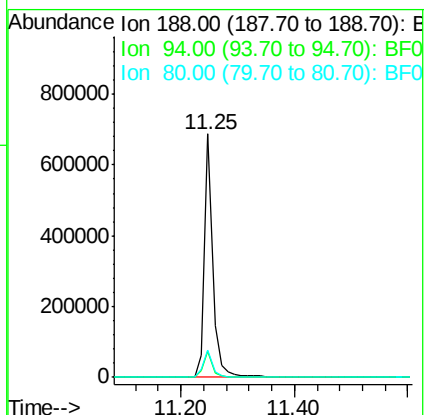
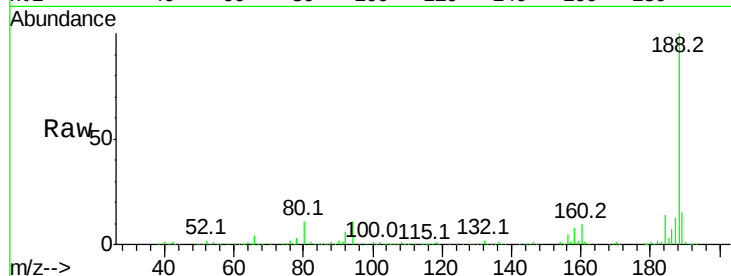




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093646.D
Acq: 14 Mar 2017 9:25

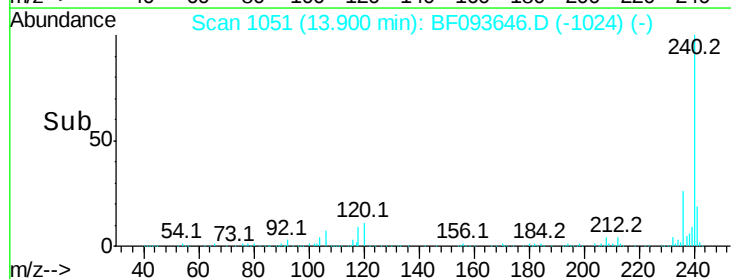
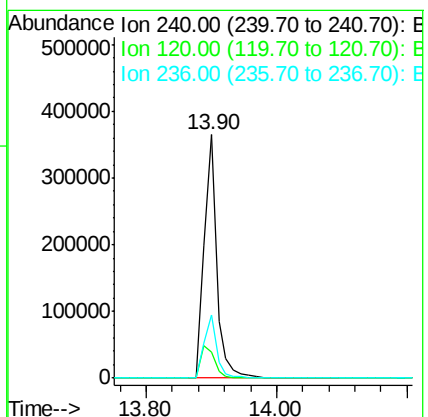
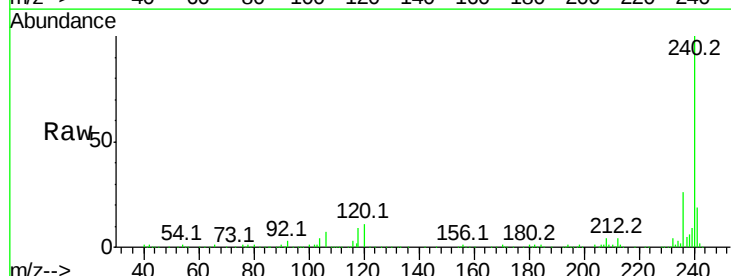
Instrument :
BNA_F
ClientSampleId :
D-123

Tot Ion:188 Resp: 669931
Ion Ratio Lower Upper
188 100
94 10.7 10.0 15.0
80 11.3 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093646.D
Acq: 14 Mar 2017 9:25

Tgt Ion:240 Resp: 488421
Ion Ratio Lower Upper
240 100
120 10.5 12.9 19.3#
236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 87.72 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093646.D

Acq: 14 Mar 2017 9:25

Instrument :

BNA_F

ClientSampleId :

D-123

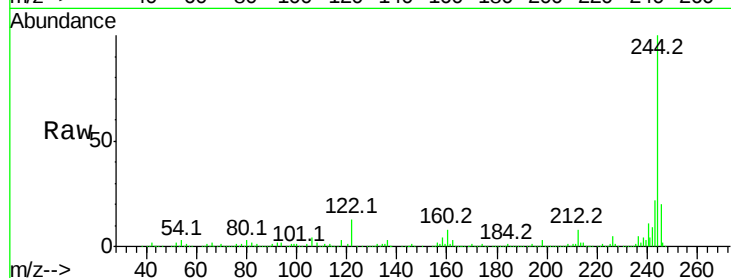
Tot Ion:244 Resp: 1647966

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

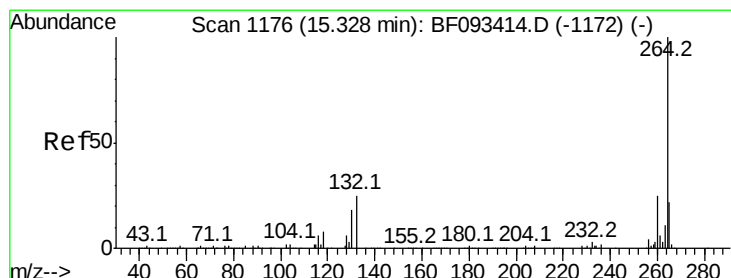
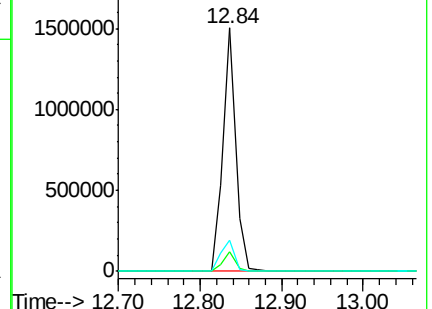
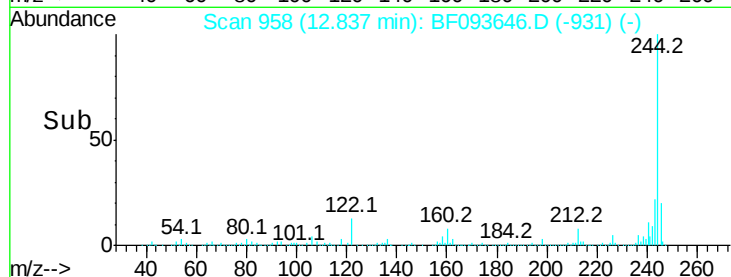
122 12.7 11.4 17.2



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: 15.31 min Scan# 1174

Delta R.T. 0.02 min

Lab File: BF093646.D

Acq: 14 Mar 2017 9:25

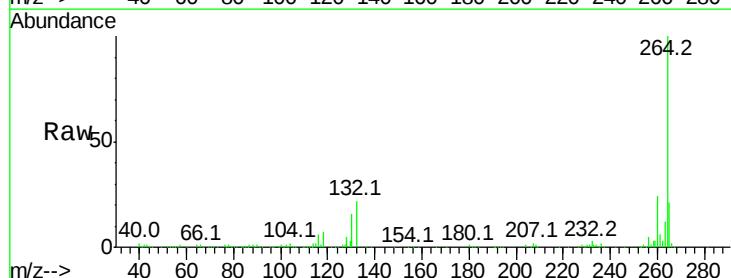
Tgt Ion:264 Resp: 342948

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.3 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

