

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093639.D
 Acq On : 14 Mar 2017 6:11
 Operator : SJ/MA
 Sample : I2201-17
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-112

Quant Time: Mar 14 08:17:48 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	185795	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	752094	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	368937	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	696905	20.00	ng	0.00
75) Chrysene-d12	13.90	240	552189	20.00	ng	0.01
86) Perylene-d12	15.31	264	311605	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1693993	151.75	ng	0.00
7) Phenol-d6	6.37	99	2044626	145.24	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1433051	105.72	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	420749	175.04	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	2197719	110.80	ng	0.00
78) Terphenyl-d14	12.84	244	1800838	84.79	ng	0.01

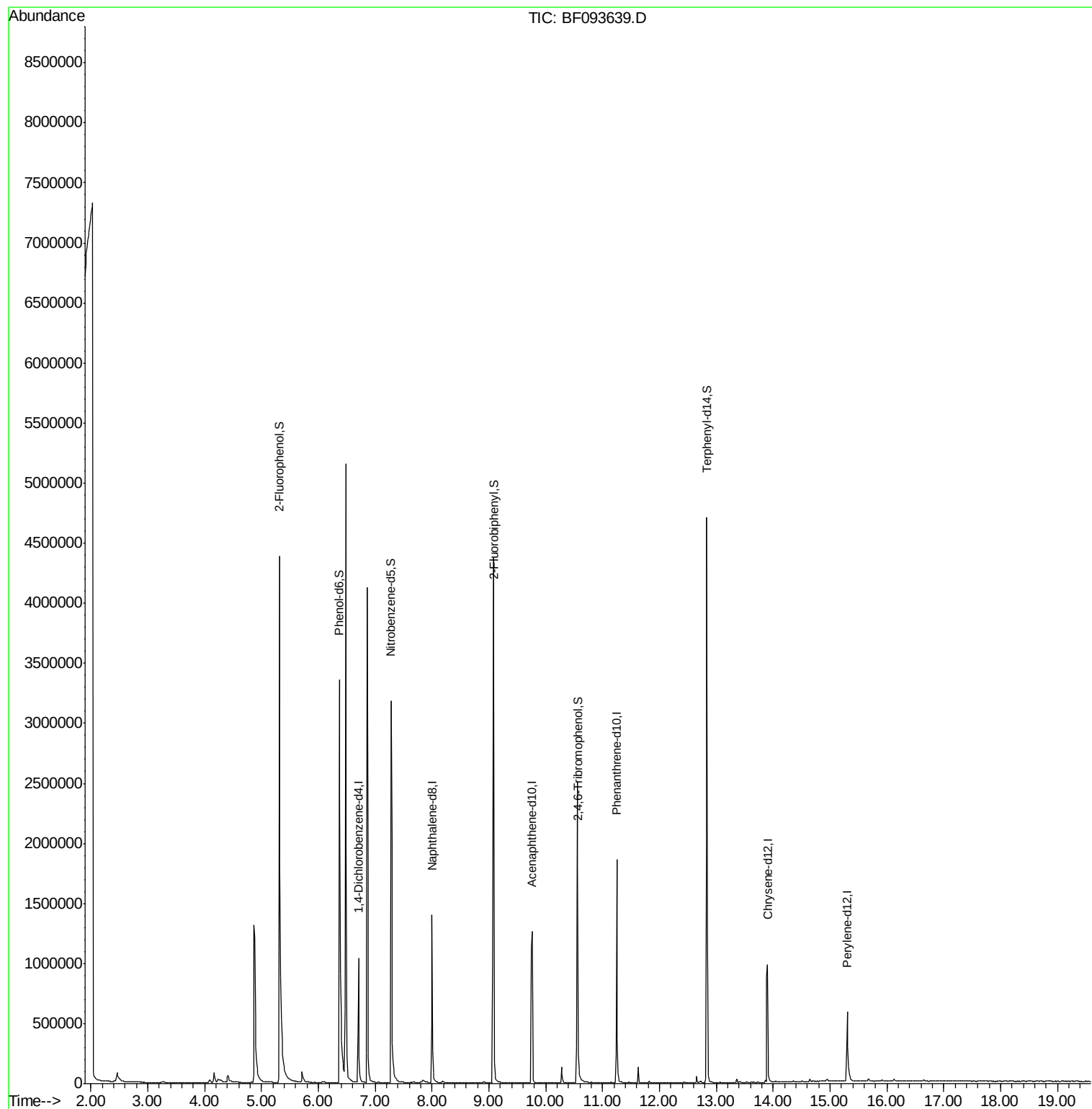
Target Compounds Qvalue

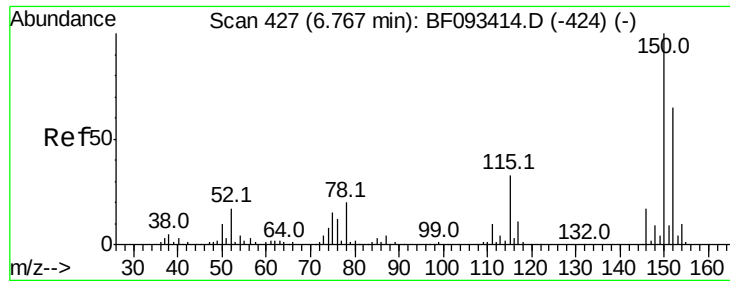
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093639.D

Acq: 14 Mar 2017 6:11

Instrument :

BNA_F

ClientSampleId :

D-112

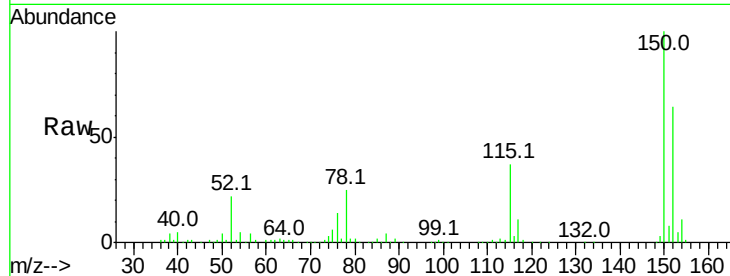
Tot Ion:152 Resp: 185795

Ion Ratio Lower Upper

152 100

150 156.0 124.9 187.3

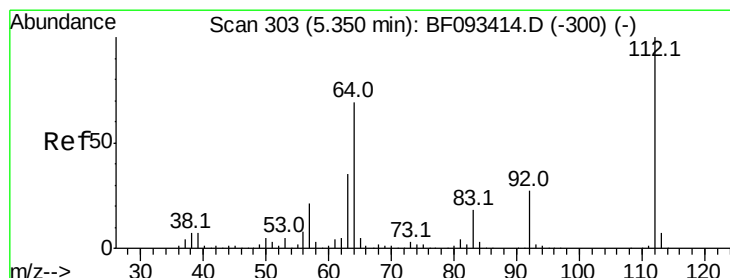
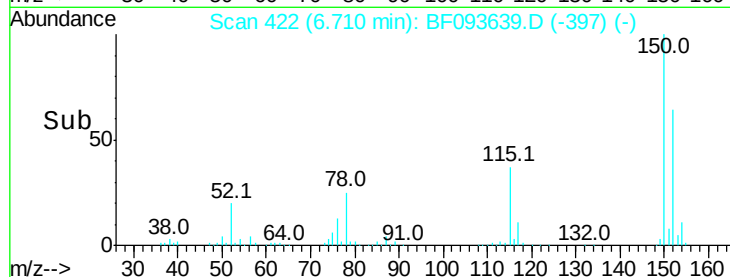
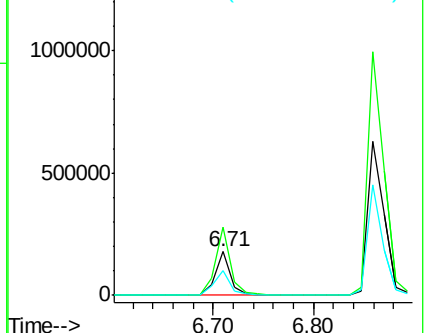
115 58.0 46.0 69.0



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: 151.75 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093639.D

Acq: 14 Mar 2017 6:11

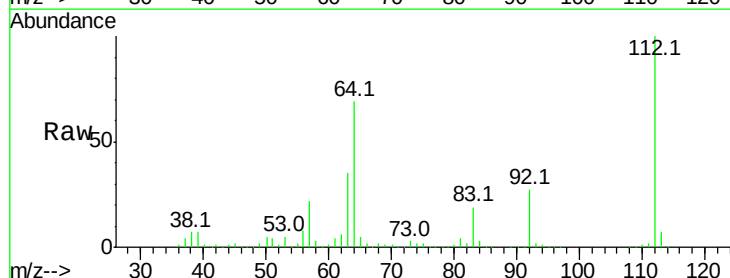
Tgt Ion:112 Resp: 1693993

Ion Ratio Lower Upper

112 100

64 69.1 46.1 69.1

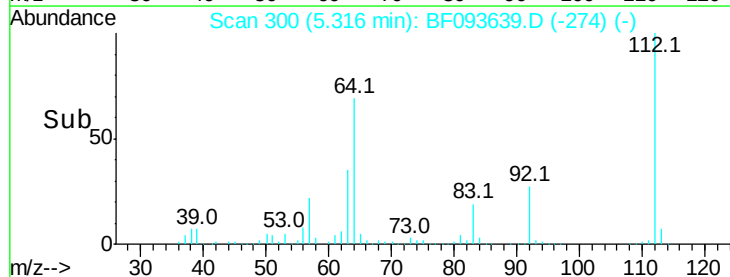
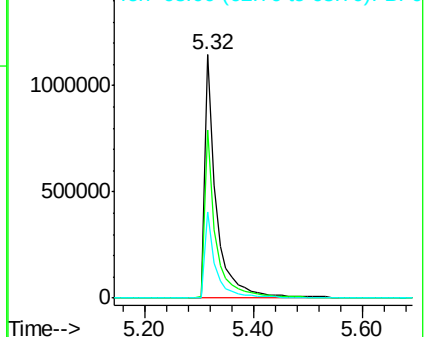
63 35.3 23.8 35.6

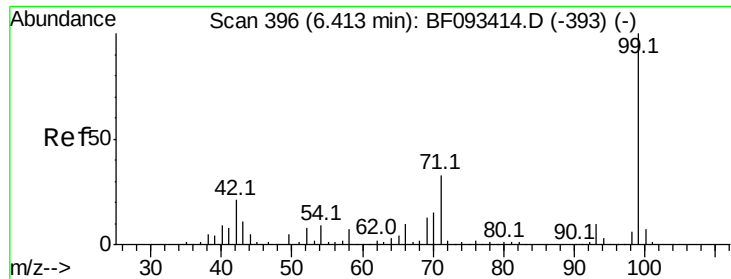


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 145.24 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093639.D

Acq: 14 Mar 2017 6:11

Instrument :

BNA_F

ClientSampled :

D-112

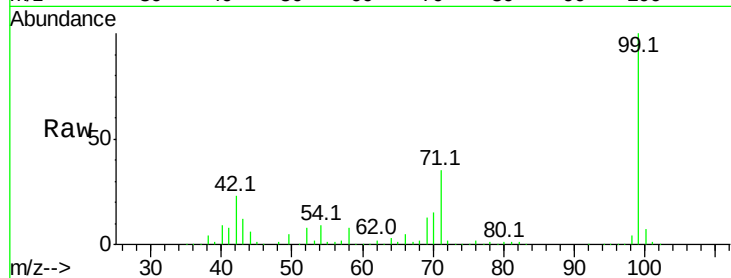
Tot Ion: 99 Resp: 2044626

Ion Ratio Lower Upper

99 100

42 23.4 15.6 23.4

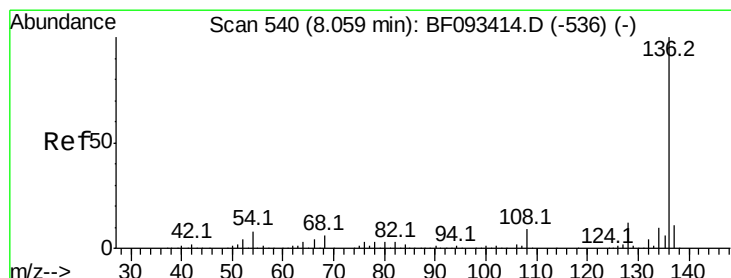
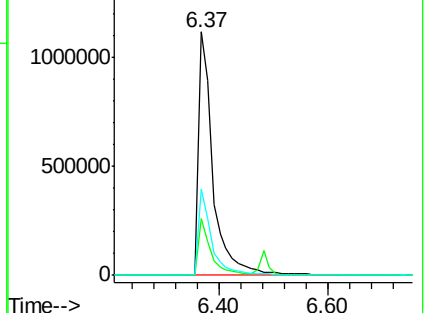
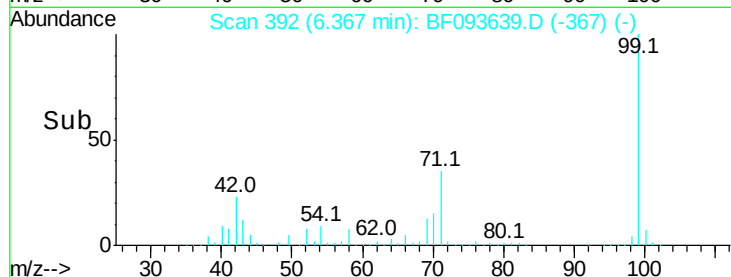
71 35.4 27.5 41.3



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: BF093639.D

Acq: 14 Mar 2017 6:11

Tgt Ion: 136 Resp: 752094

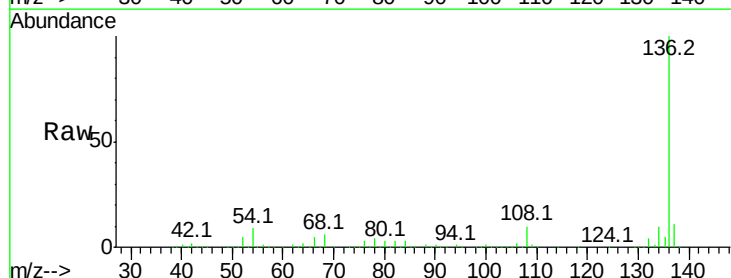
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 8.9 4.5 6.7#

68 6.4 3.6 5.4#

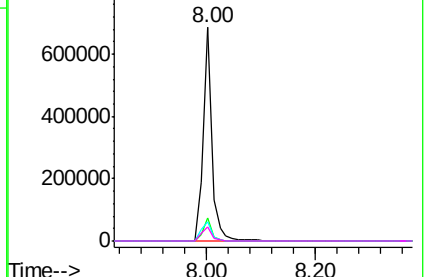
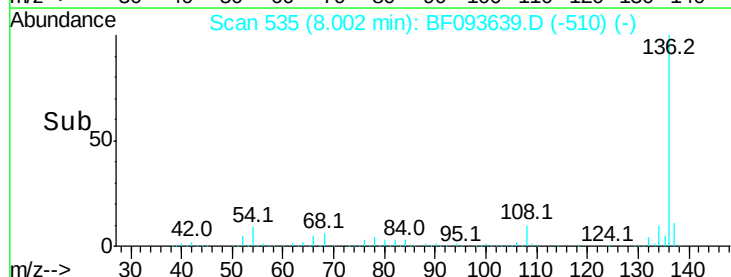


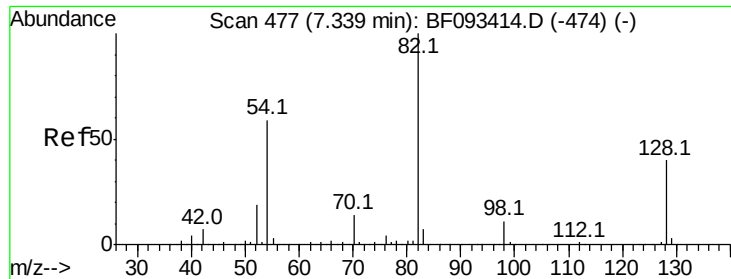
Abundance Ion 136.00 (135.70 to 136.70): E

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

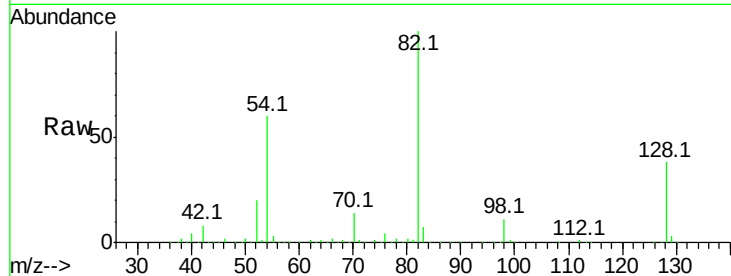




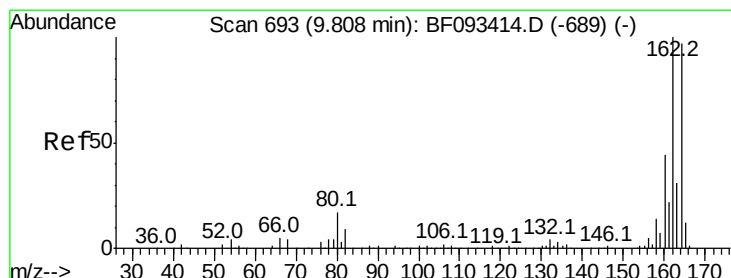
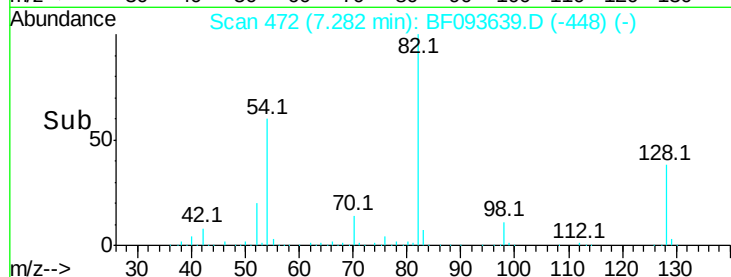
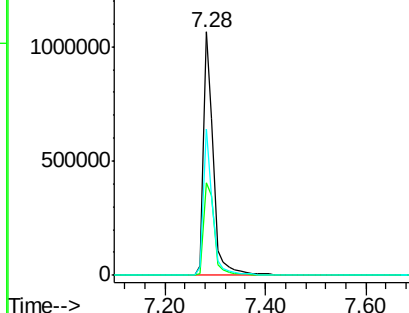
#23
 Nitrobenzene-d5
 Concen: 105.72 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093639.D
 Acq: 14 Mar 2017 6:11

Instrument :
 BNA_F
 ClientSampled :
 D-112

Tot Ion: 82 Resp: 1433051
 Ion Ratio Lower Upper
 82 100
 128 38.3 34.6 52.0
 54 60.1 39.5 59.3#

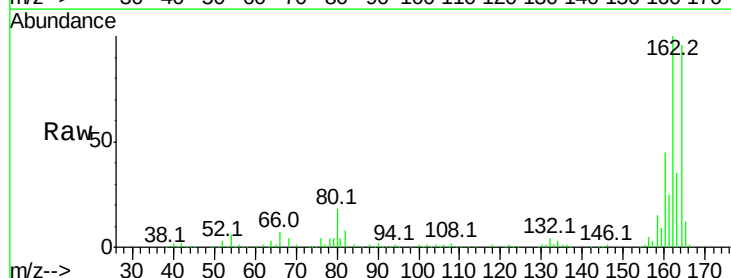


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

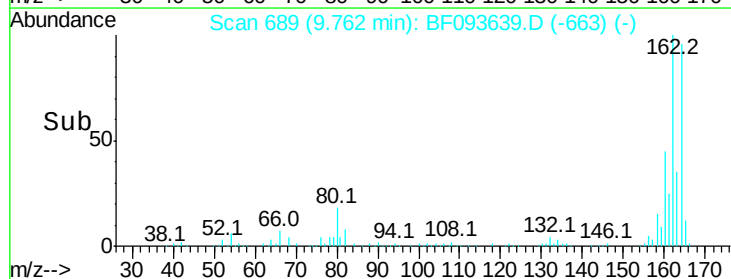
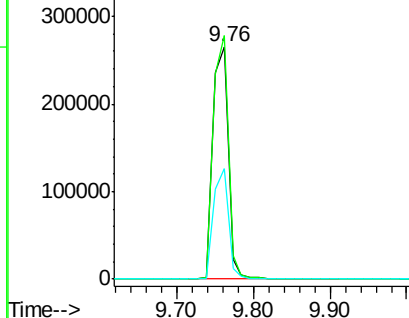


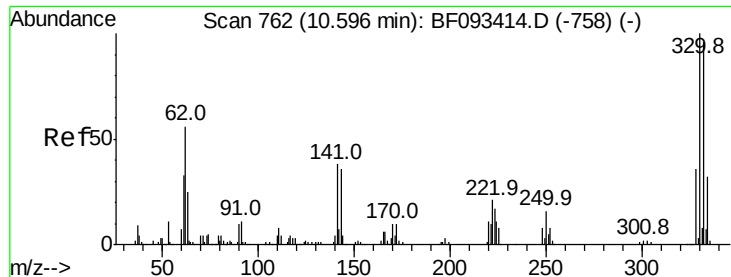
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF093639.D
 Acq: 14 Mar 2017 6:11

Tgt Ion:164 Resp: 368937
 Ion Ratio Lower Upper
 164 100
 162 104.7 80.2 120.2
 160 47.4 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

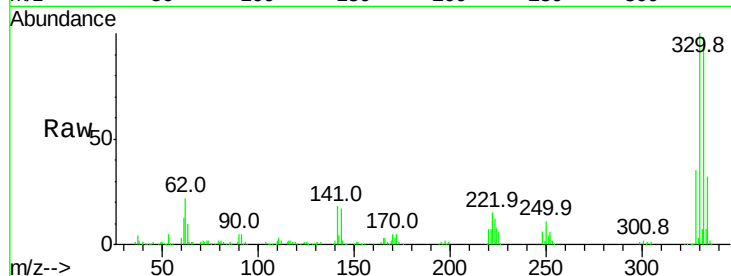




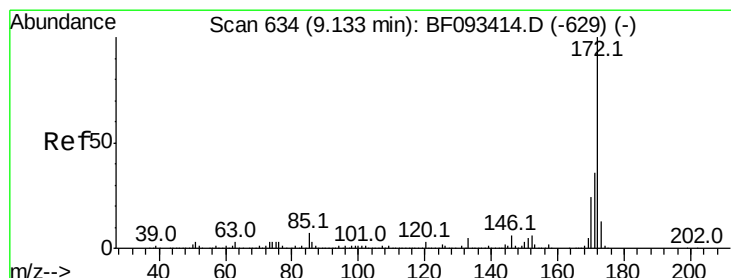
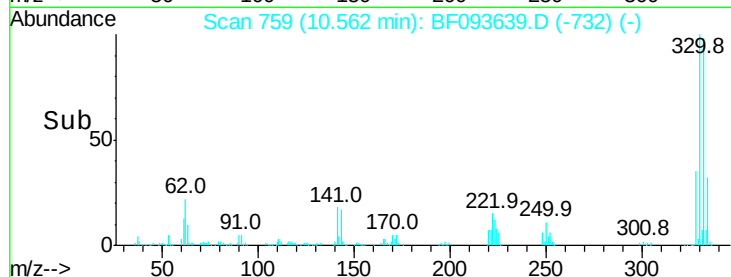
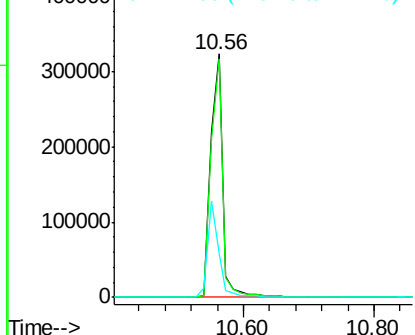
#41
 2,4,6-Tribromophenol
 Concen: 175.04 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093639.D
 Acq: 14 Mar 2017 6:11

Instrument :
 BNA_F
 ClientSampleId :
 D-112

Tot Ion:330 Resp: 420749
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 37.2 34.1 51.1

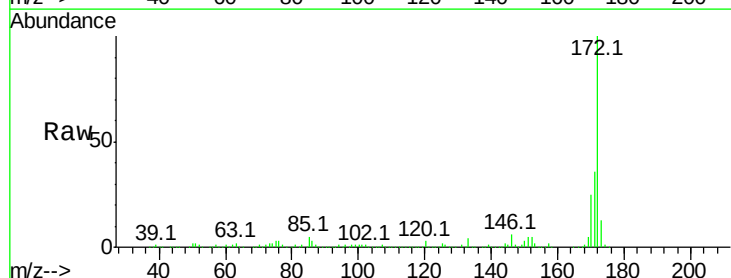


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

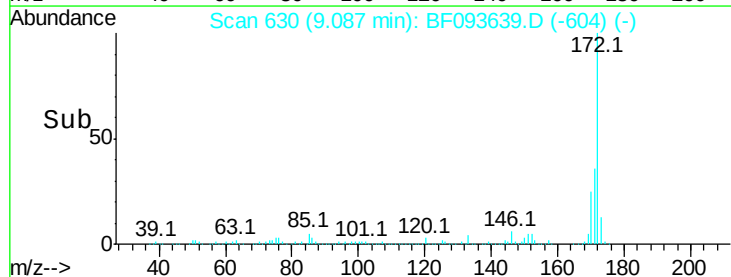
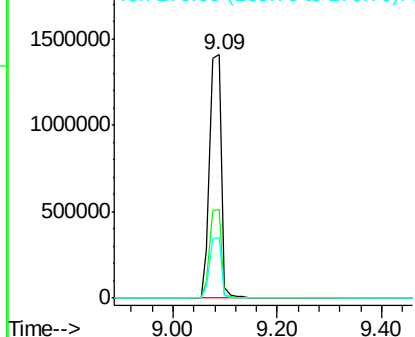


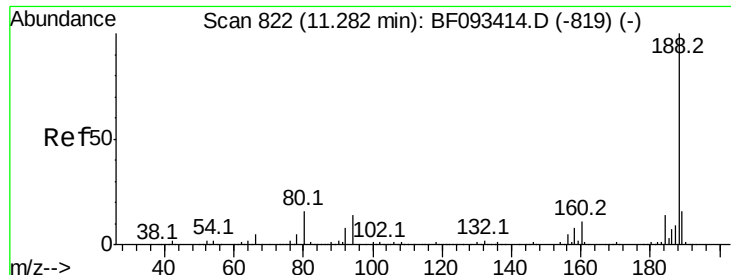
#44
 2-Fluorobiphenyl
 Concen: 110.80 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093639.D
 Acq: 14 Mar 2017 6:11

Tgt Ion:172 Resp: 2197719
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.7 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

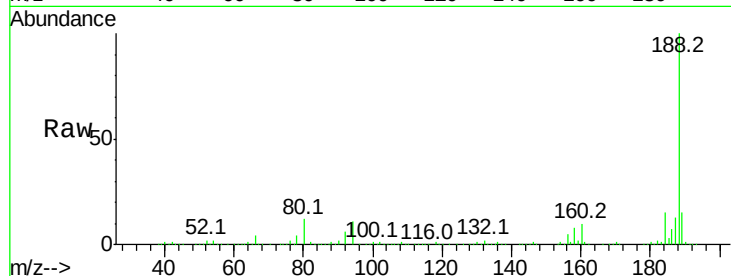




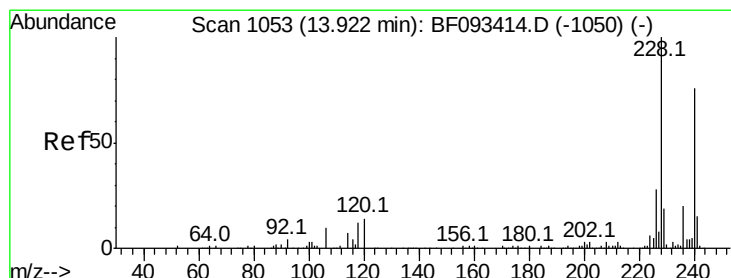
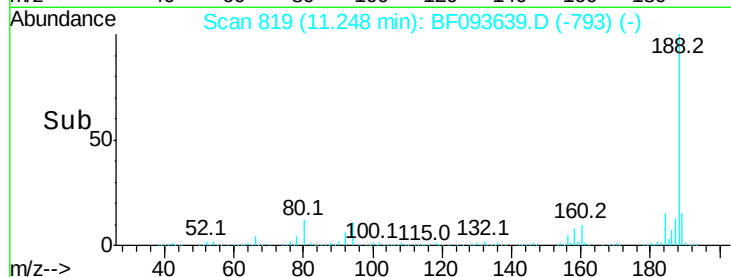
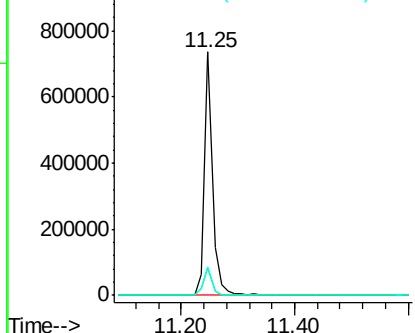
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF093639.D
 Acq: 14 Mar 2017 6:11

Instrument :
 BNA_F
 ClientSampleId :
 D-112

Tot Ion:188 Resp: 696905
 Ion Ratio Lower Upper
 188 100
 94 11.2 10.0 15.0
 80 11.9 11.2 16.8

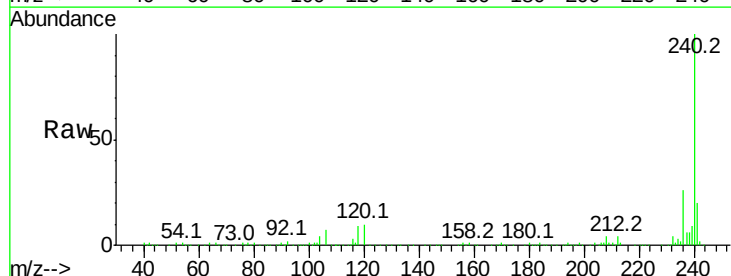


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

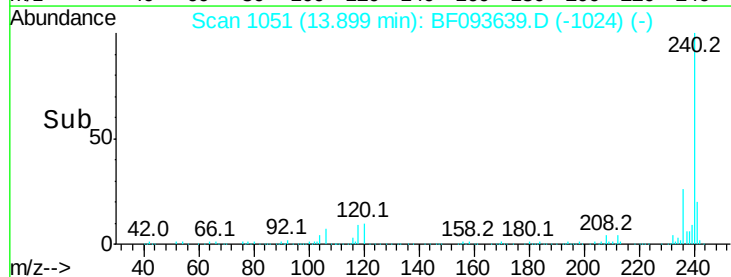
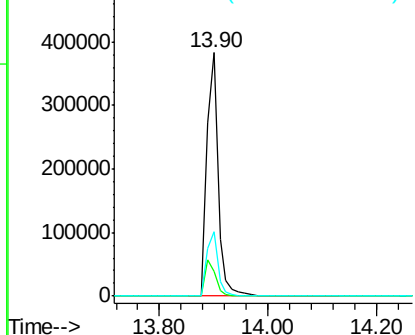


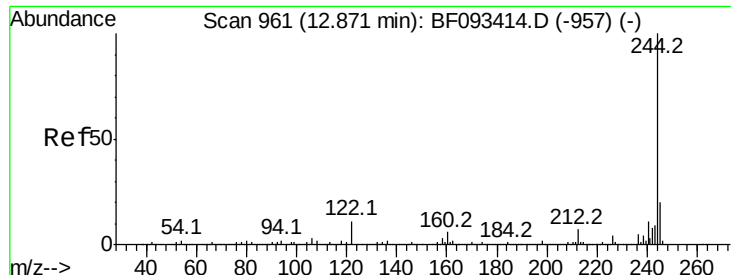
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BF093639.D
 Acq: 14 Mar 2017 6:11

Tgt Ion:240 Resp: 552189
 Ion Ratio Lower Upper
 240 100
 120 10.3 12.9 19.3#
 236 26.3 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: 84.79 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093639.D

Acq: 14 Mar 2017 6:11

Instrument :

BNA_F

ClientSampleId :

D-112

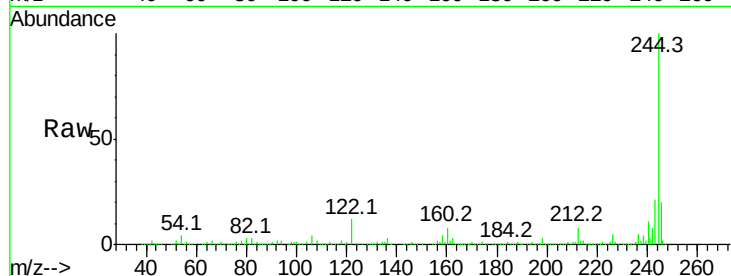
Tot Ion:244 Resp: 1800838

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

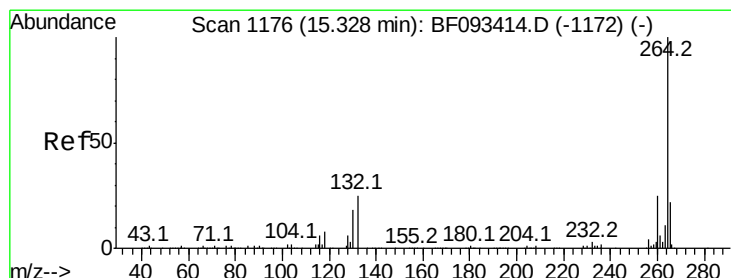
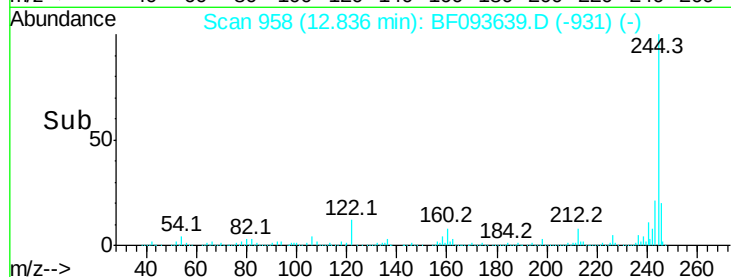
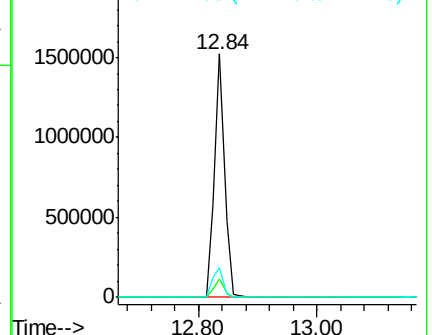
122 12.0 11.4 17.2



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: 15.31 min Scan# 1174

Delta R.T. 0.02 min

Lab File: BF093639.D

Acq: 14 Mar 2017 6:11

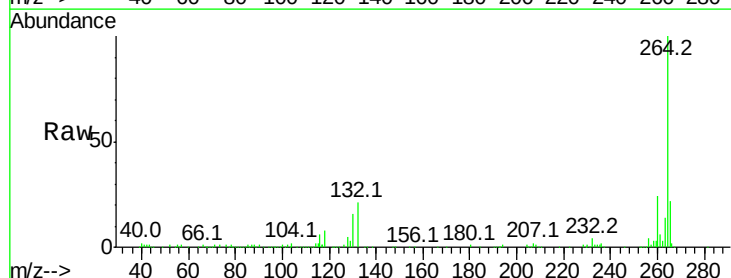
Tgt Ion:264 Resp: 311605

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.6 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

