

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093853.D
 Acq On : 23 Mar 2017 1:18
 Operator : SJ/MA
 Sample : PB97750BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97750BL

Quant Time: Mar 23 03:49:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.98	152	178941	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	724820	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	335211	20.00	ng	-0.01
63) Phenanthrene-d10	11.46	188	612500	20.00	ng	0.00
75) Chrysene-d12	14.70	240	500331	20.00	ng	-0.01
86) Perylene-d12	16.34	264	395349	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.52	112	866201	81.76	ng	0.01
7) Phenol-d6	5.56	99	1060734	80.93	ng	0.00
23) Nitrobenzene-d5	6.63	82	985386	77.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	229380	86.59	ng	-0.01
44) 2-Fluorobiphenyl	8.82	172	1819643	82.80	ng	0.00
78) Terphenyl-d14	13.44	244	1525630	68.35	ng	0.00

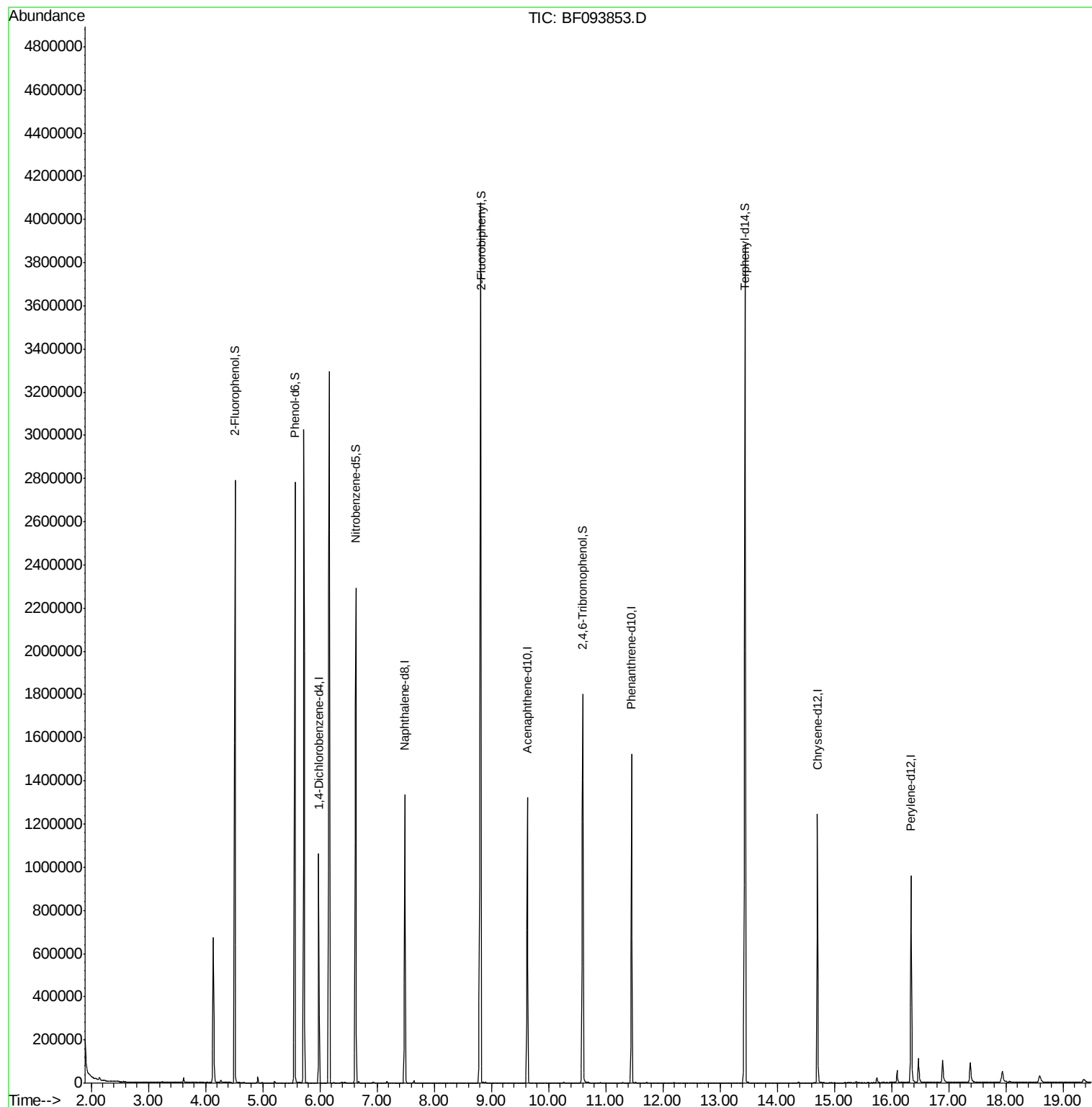
Target Compounds Qvalue

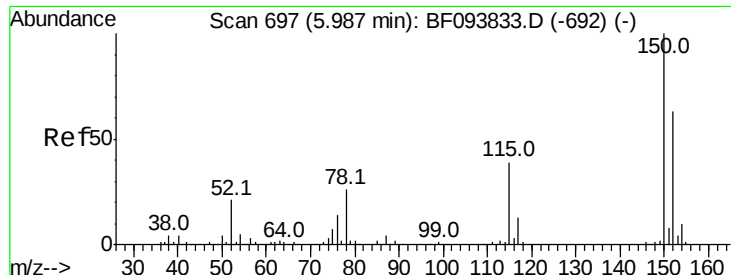
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.98 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF093853.D

Acq: 23 Mar 2017 1:18

Instrument :

BNA_F

ClientSampleId :

PB97750BL

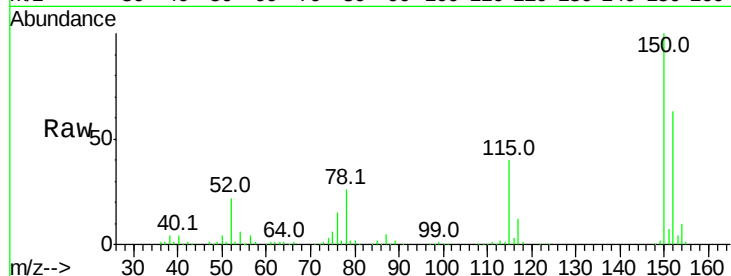
Tot Ion:152 Resp: 178941

Ion Ratio Lower Upper

152 100

150 158.3 126.2 189.2

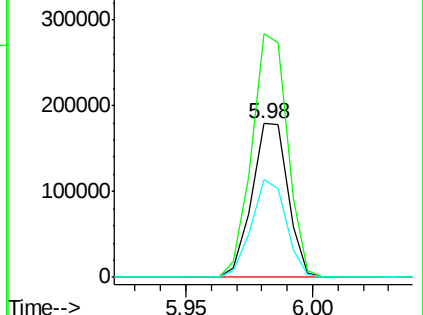
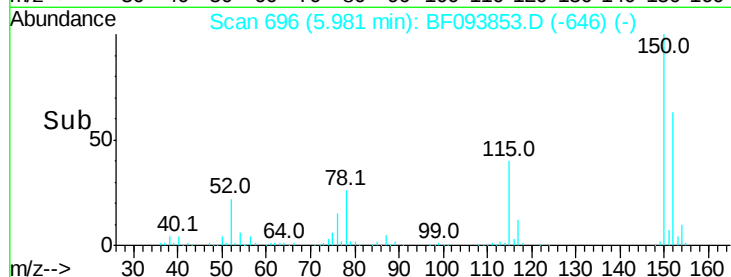
115 63.8 52.2 78.2



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: 81.76 ng

RT: 4.52 min Scan# 447

Delta R.T. 0.01 min

Lab File: BF093853.D

Acq: 23 Mar 2017 1:18

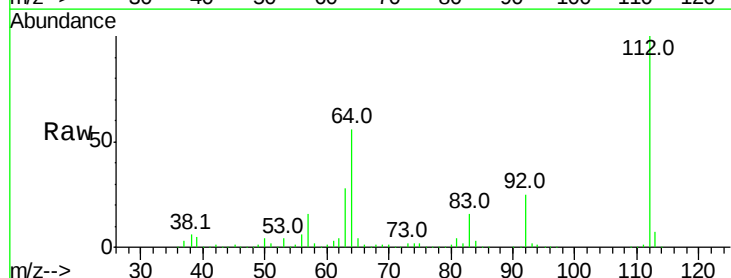
Tgt Ion:112 Resp: 866201

Ion Ratio Lower Upper

112 100

64 56.0 46.0 69.0

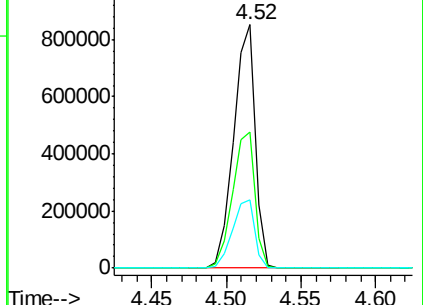
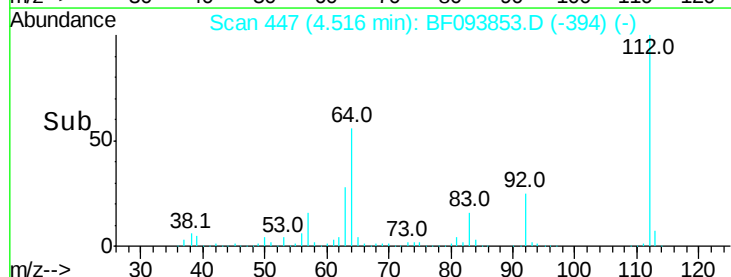
63 27.8 23.4 35.0



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: 80.93 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF093853.D

Acq: 23 Mar 2017 1:18

Instrument :

BNA_F

ClientSampleId :

PB97750BL

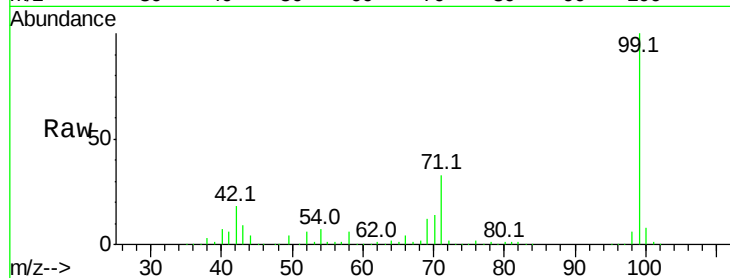
Tot Ion: 99 Resp: 1060734

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

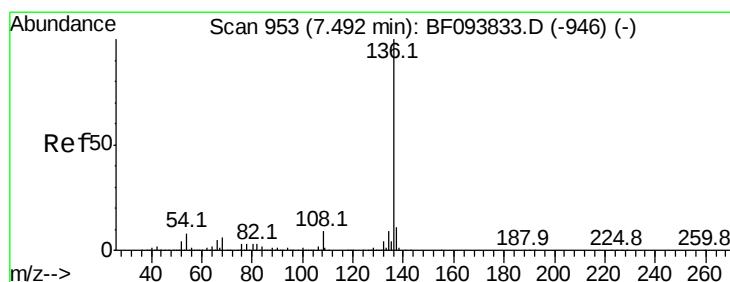
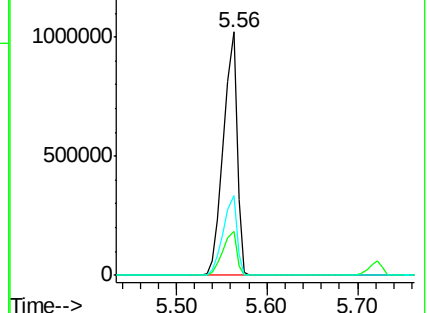
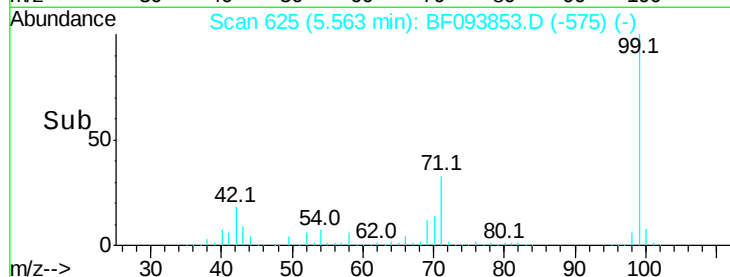
71 32.6 24.5 36.7



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: 7.49 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF093853.D

Acq: 23 Mar 2017 1:18

Tgt Ion: 136 Resp: 724820

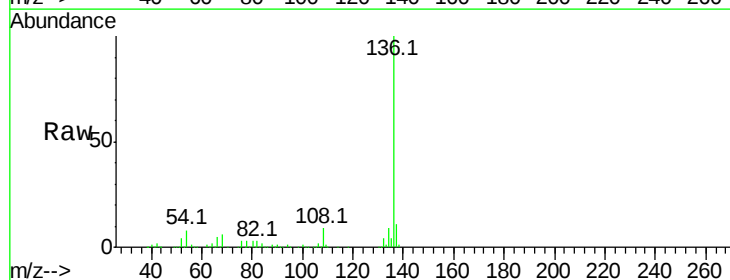
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.7 4.9 7.3#

68 6.0 4.1 6.1

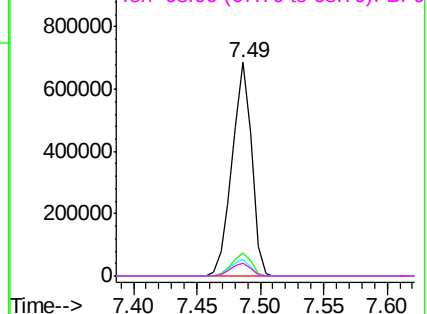
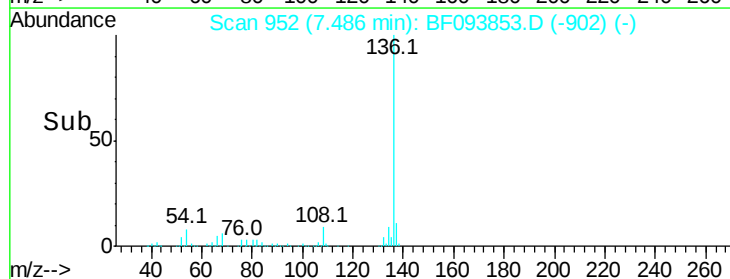


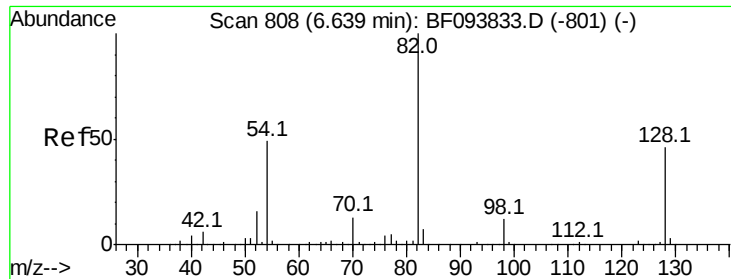
Abundance Ion 136.00 (135.70 to 136.70): E

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

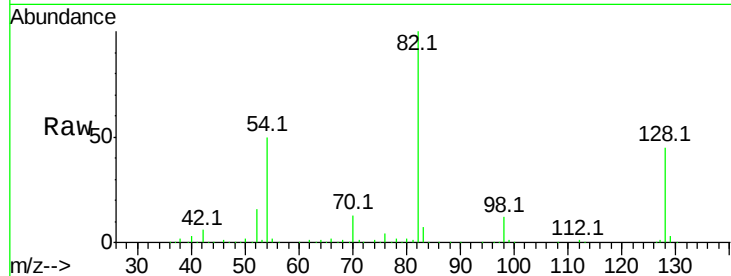




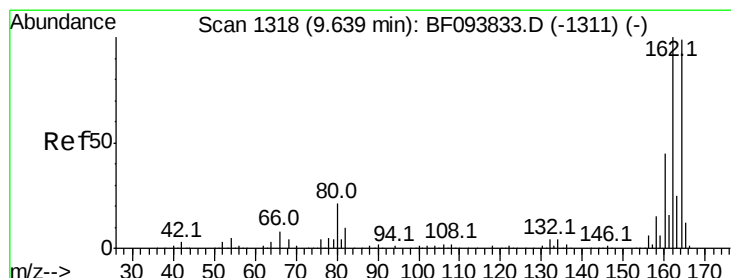
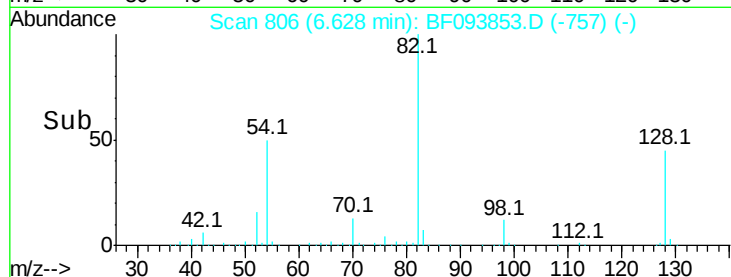
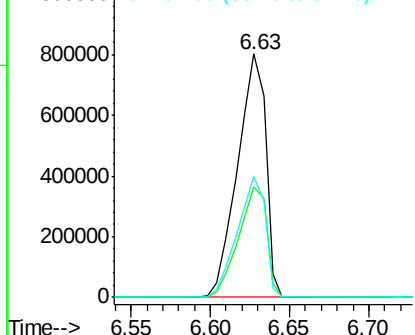
#23
 Nitrobenzene-d5
 Concen: 77.58 ng
 RT: 6.63 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF093853.D
 Acq: 23 Mar 2017 1:18

Instrument :
 BNA_F
 ClientSampled :
 PB97750BL

Tot Ion: 82 Resp: 985386
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.0 51.0
 54 49.8 42.2 63.2

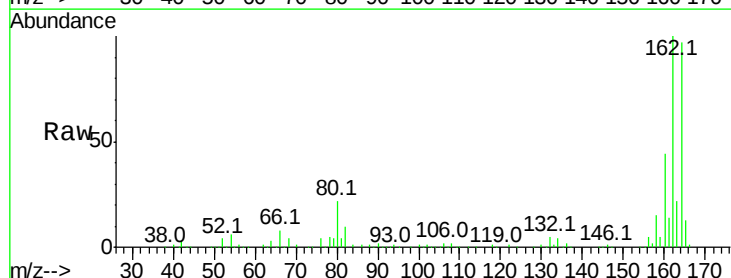


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

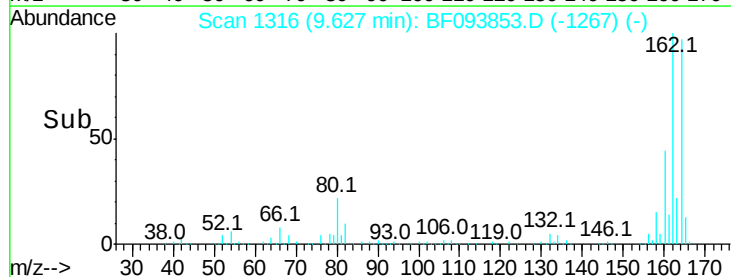
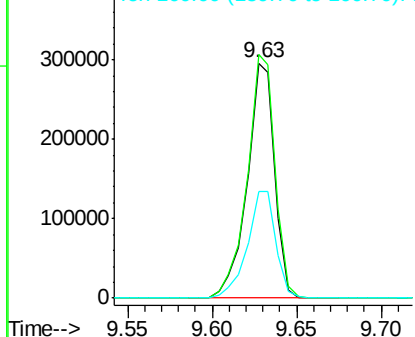


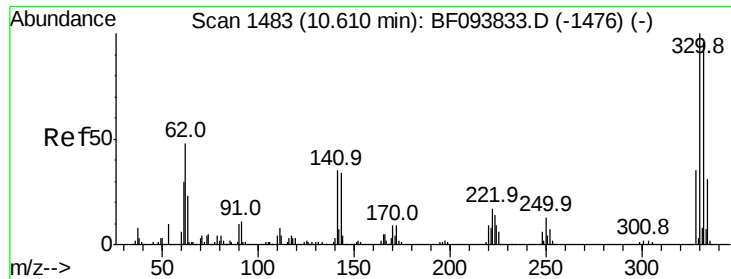
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF093853.D
 Acq: 23 Mar 2017 1:18

Tgt Ion:164 Resp: 335211
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 45.3 36.2 54.2



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

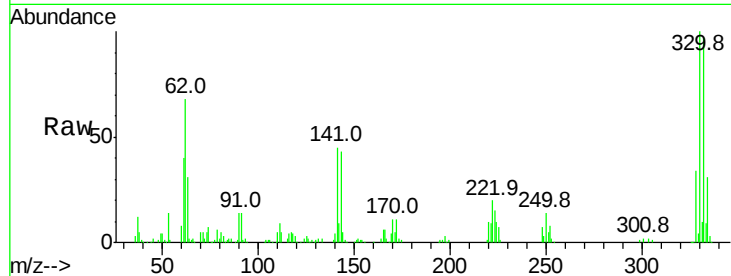




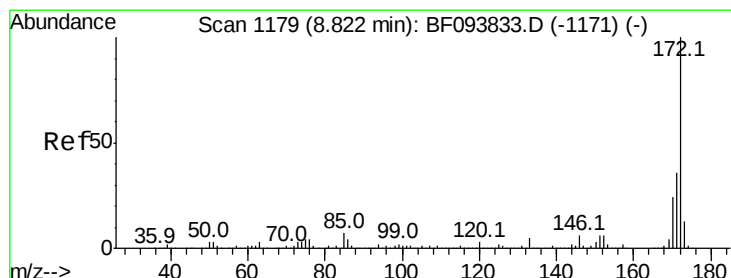
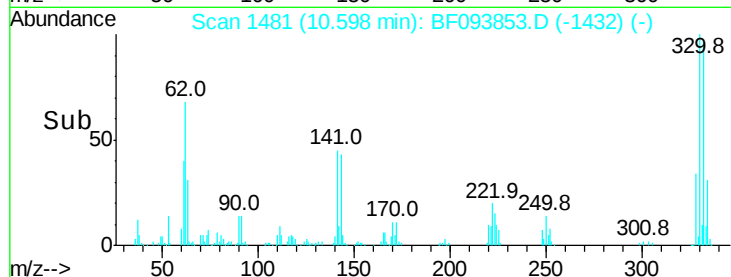
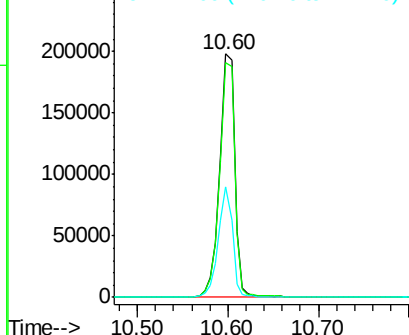
#41
 2,4,6-Tribromophenol
 Concen: 86.59 ng
 RT: 10.60 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF093853.D
 Acq: 23 Mar 2017 1:18

Instrument :
 BNA_F
 ClientSampled :
 PB97750BL

Tot Ion:330 Resp: 229380
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 42.3 31.4 47.2

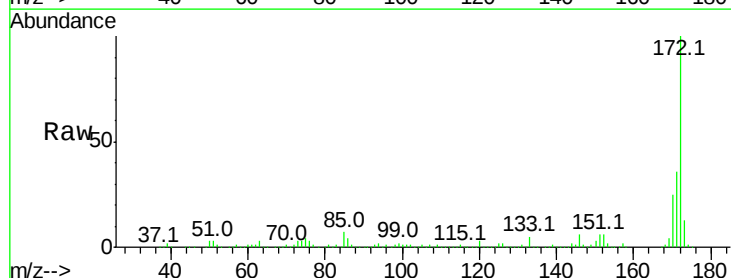


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

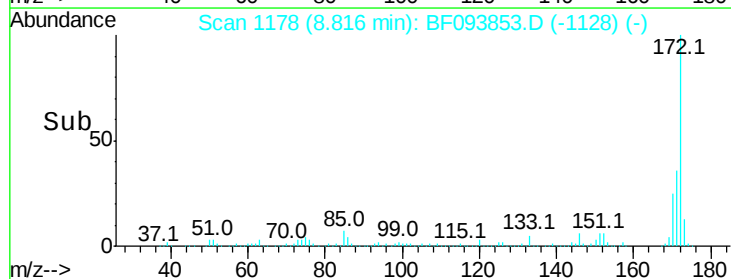
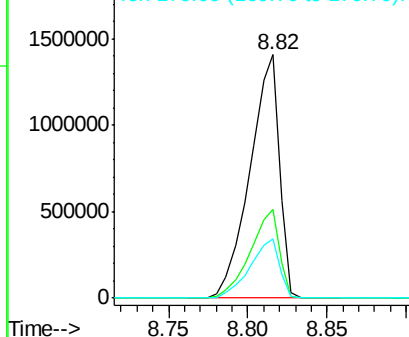


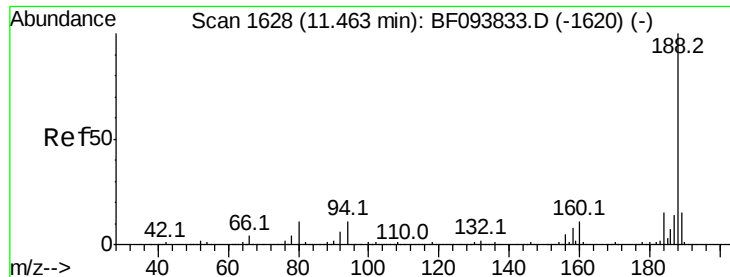
#44
 2-Fluorobiphenyl
 Concen: 82.80 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF093853.D
 Acq: 23 Mar 2017 1:18

Tgt Ion:172 Resp: 1819643
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.5 19.8 29.8



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: 11.46 min Scan# 1627

Delta R.T. -0.01 min

Lab File: BF093853.D

Acq: 23 Mar 2017 1:18

Instrument :

BNA_F

ClientSampleId :

PB97750BL

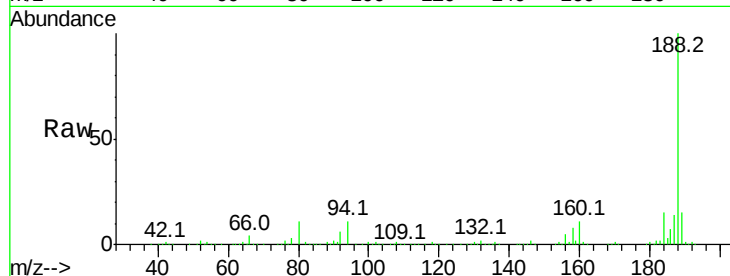
Tot Ion:188 Resp: 612500

Ion Ratio Lower Upper

188 100

94 10.6 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

800000

600000

400000

200000

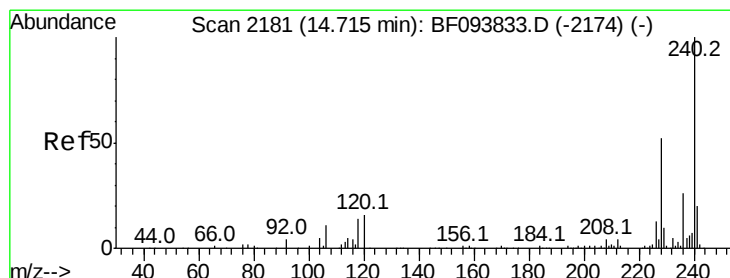
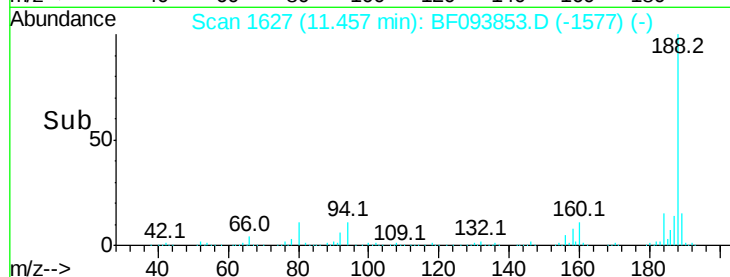
0

11.46

11.45

11.50

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.70 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF093853.D

Acq: 23 Mar 2017 1:18

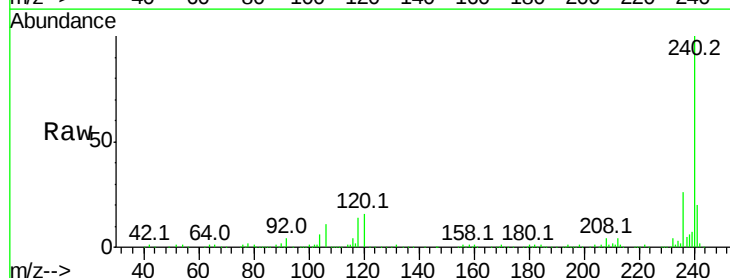
Tgt Ion:240 Resp: 500331

Ion Ratio Lower Upper

240 100

120 16.3 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

600000

500000

400000

300000

200000

100000

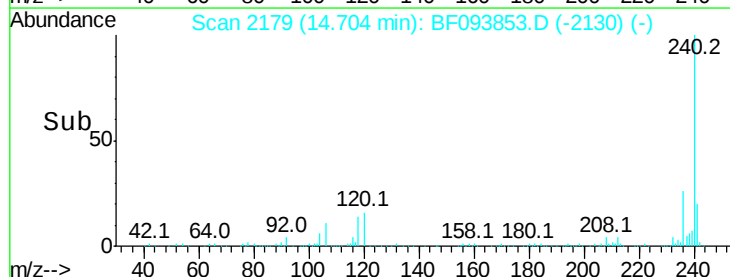
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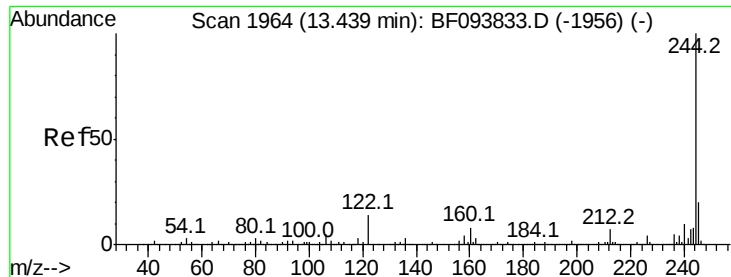
14.70

14.60

14.80

Time-->

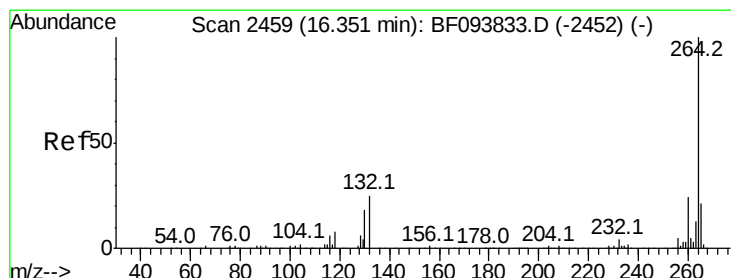
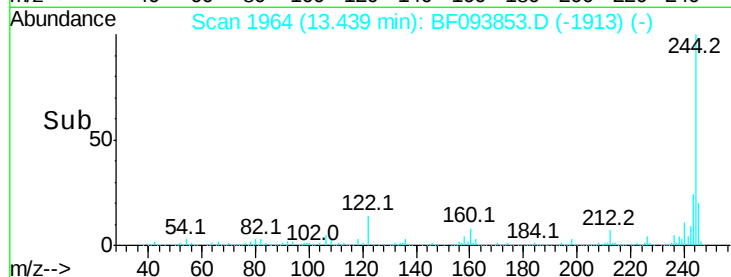
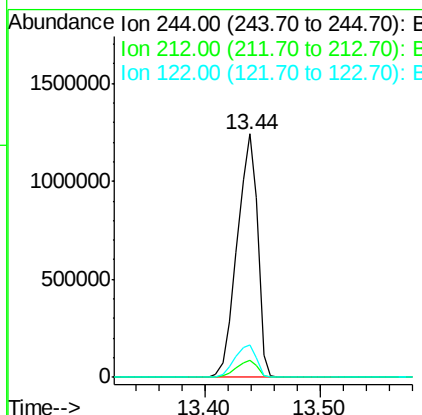
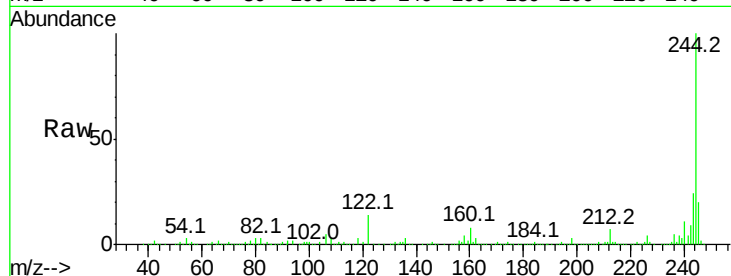




#78
 Terphenyl-d14
 Concen: 68.35 ng
 RT: 13.44 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BF093853.D
 Acq: 23 Mar 2017 1:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97750BL

Tot Ion:244 Resp: 1525630
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.6 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.34 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BF093853.D
 Acq: 23 Mar 2017 1:18

Tgt Ion:264 Resp: 395349
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 20.9 17.2 25.8

