

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094219.D
 Acq On : 6 Apr 2017 11:02
 Operator : SJ/MA
 Sample : PB98067BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98067BL

Quant Time: Apr 06 13:27:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	173387	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	703602	20.00	ng	-0.01
38) Acenaphthene-d10	9.49	164	324504	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	601762	20.00	ng	0.00
75) Chrysene-d12	14.56	240	524578	20.00	ng	-0.01
86) Perylene-d12	16.19	264	371487	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1272928	124.00	ng	0.01
7) Phenol-d6	5.46	99	1577064	124.18	ng	0.00
23) Nitrobenzene-d5	6.50	82	983976	79.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	357072	139.25	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1790766	84.17	ng	0.00
78) Terphenyl-d14	13.30	244	1625318	69.45	ng	0.00

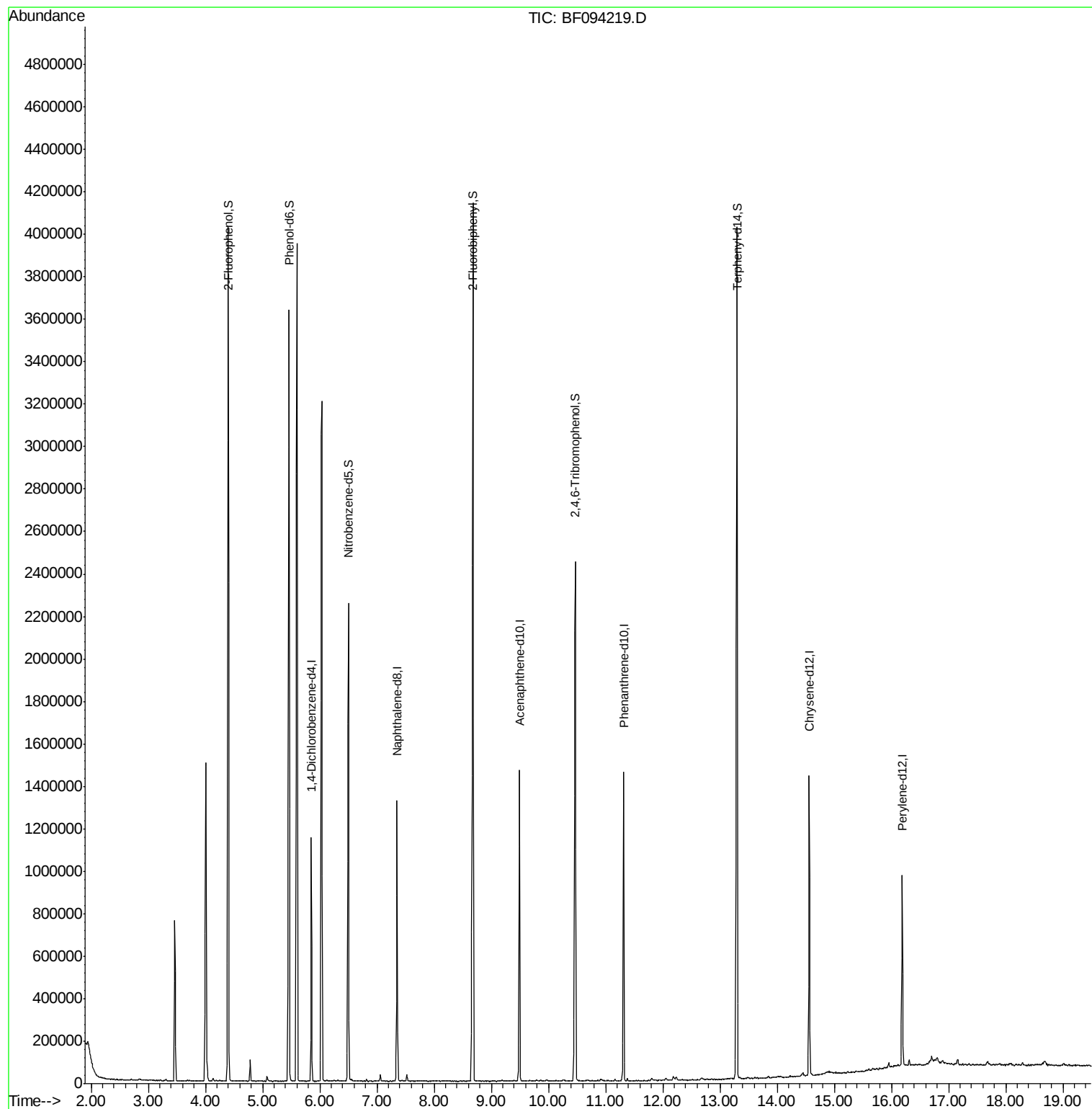
Target Compounds Qvalue

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

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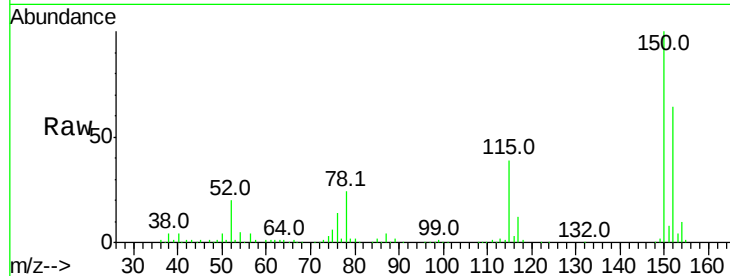


#1

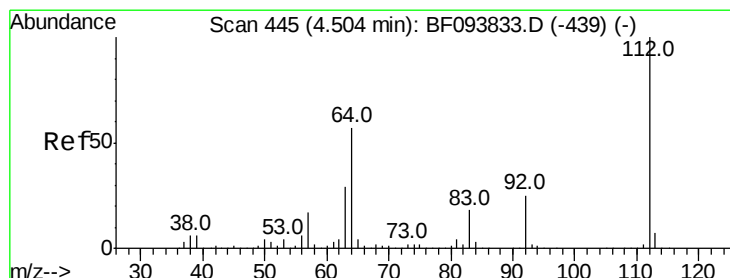
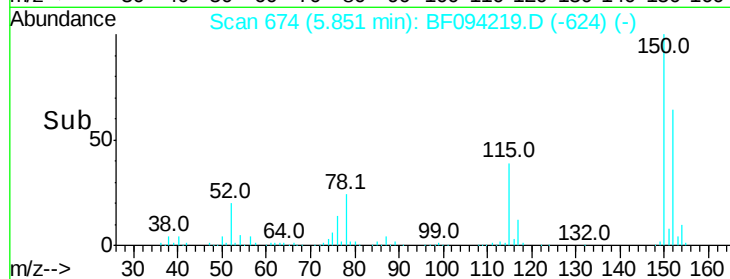
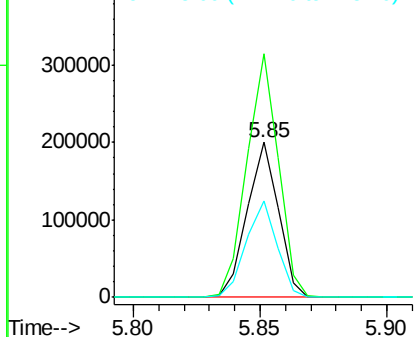
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094219.D
Acq: 6 Apr 2017 11:02

Instrument :
BNA_F
ClientSampleId :
PB98067BL

Tot Ion:152 Resp: 173387
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 61.7 52.2 78.2



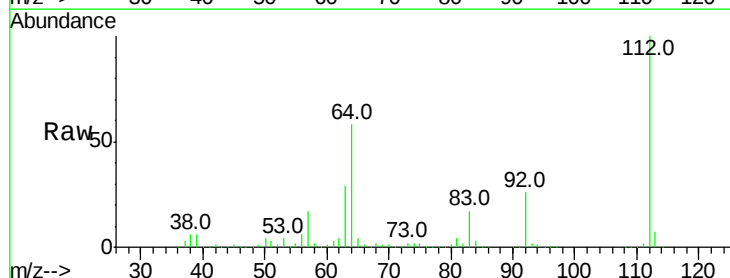
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



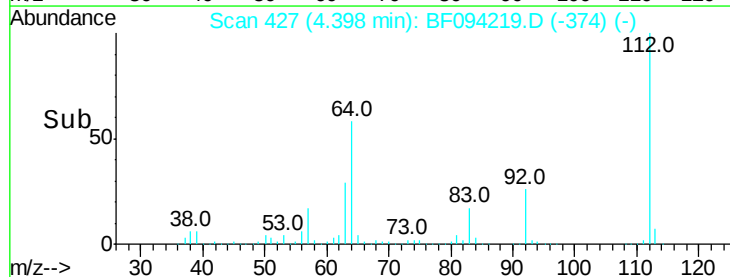
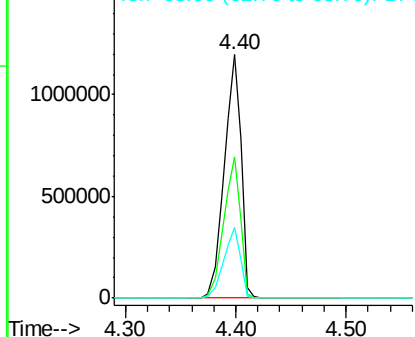
#5

2-Fluorophenol
Concen: 124.00 ng
RT: 4.40 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF094219.D
Acq: 6 Apr 2017 11:02

Tgt Ion:112 Resp: 1272928
Ion Ratio Lower Upper
112 100
64 57.8 46.0 69.0
63 29.2 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: 124.18 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094219.D

Acq: 6 Apr 2017 11:02

Instrument :

BNA_F

ClientSampleId :

PB98067BL

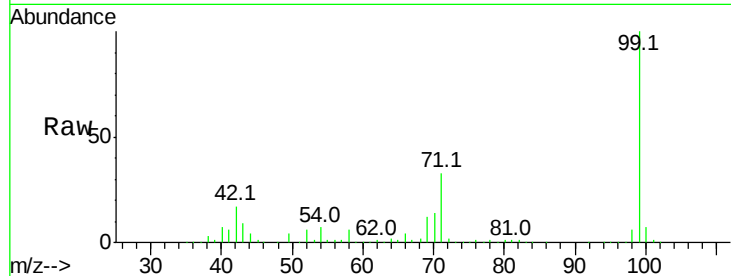
Tot Ion: 99 Resp: 1577064

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

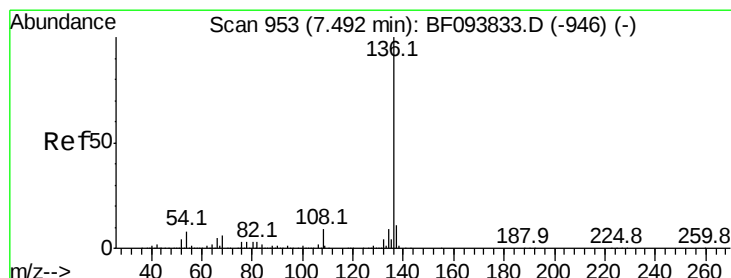
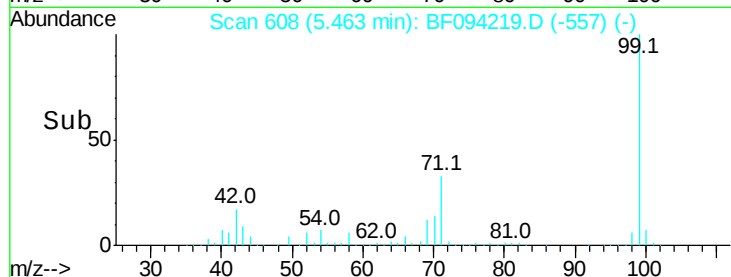
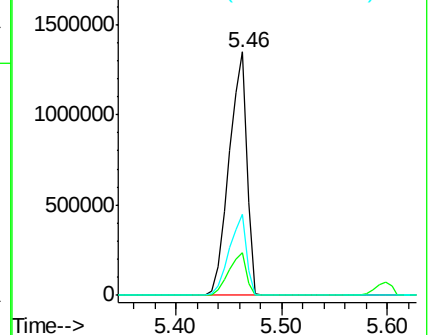
71 33.4 24.5 36.7



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: 7.35 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF094219.D

Acq: 6 Apr 2017 11:02

Tgt Ion: 136 Resp: 703602

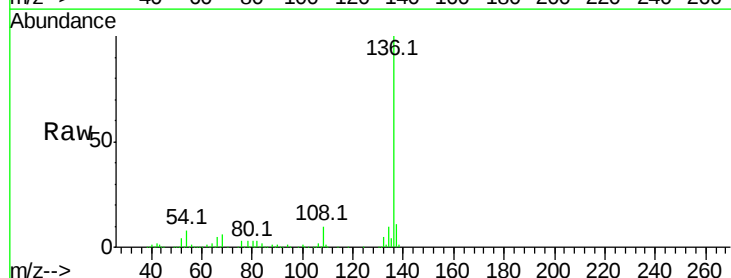
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.7 4.9 7.3#

68 6.3 4.1 6.1#

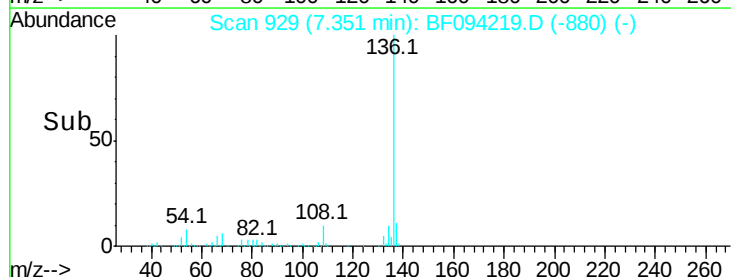
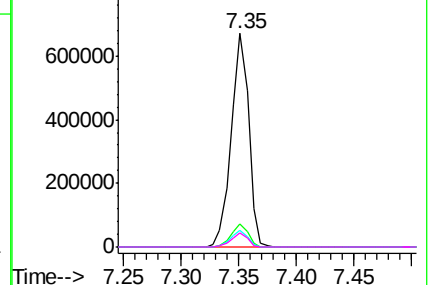


Abundance Ion 136.00 (135.70 to 136.70): E

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

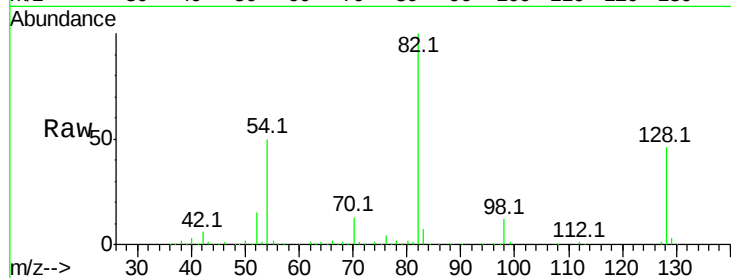




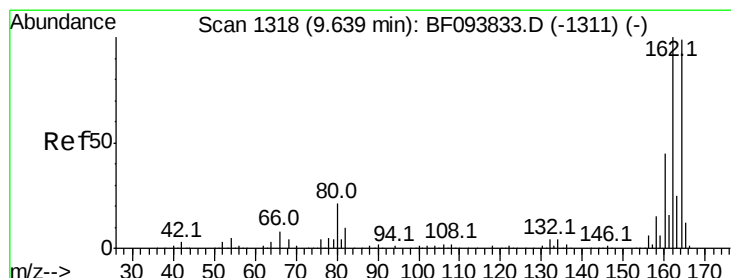
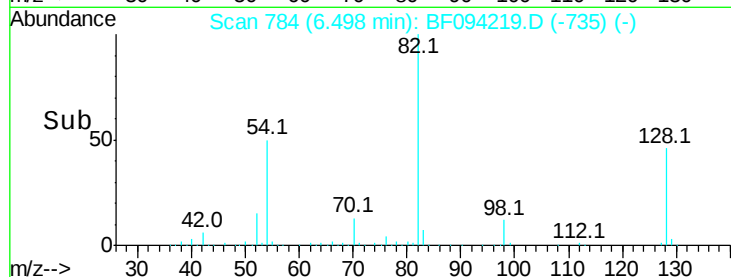
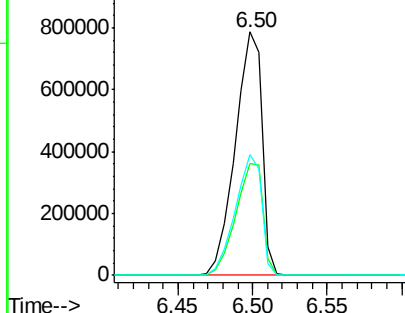
#23
Nitrobenzene-d5
Concen: 79.81 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF094219.D
Acq: 6 Apr 2017 11:02

Instrument :
BNA_F
ClientSampleId :
PB98067BL

Tot Ion: 82 Resp: 983976
Ion Ratio Lower Upper
82 100
128 45.9 34.0 51.0
54 49.5 42.2 63.2

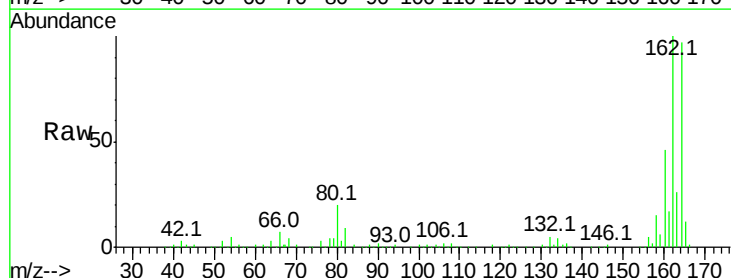


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

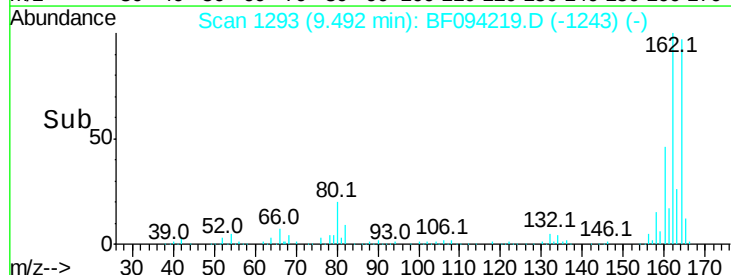
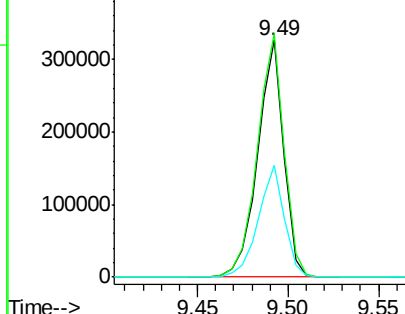


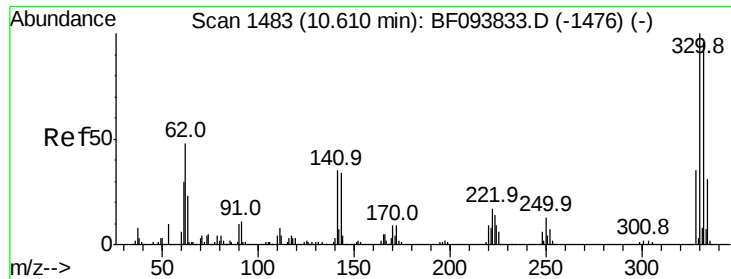
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF094219.D
Acq: 6 Apr 2017 11:02

Tgt Ion:164 Resp: 324504
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 47.2 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

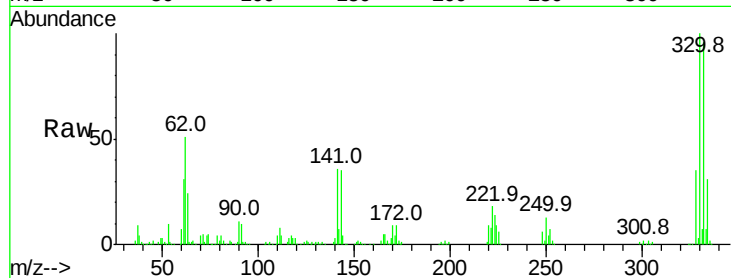




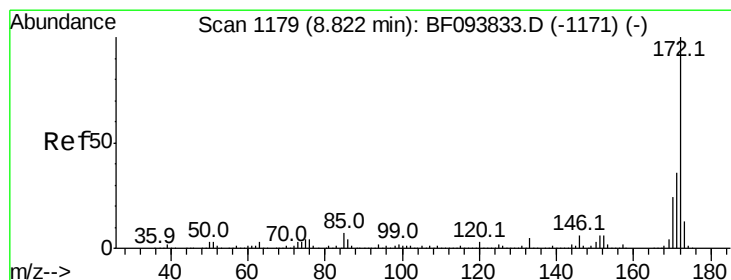
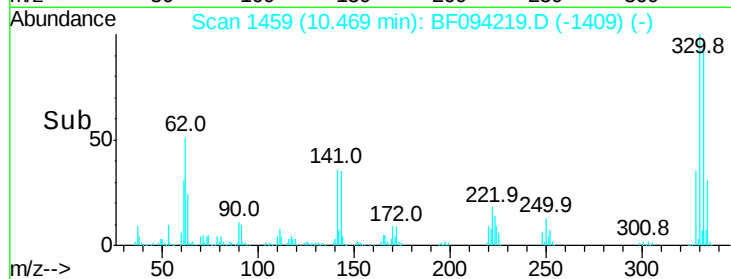
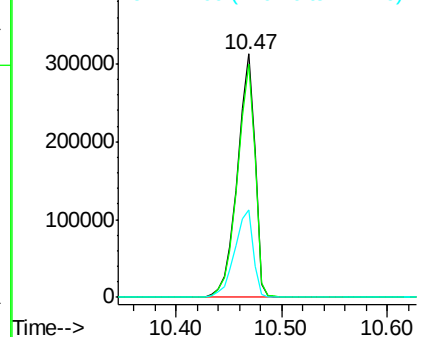
#41
 2,4,6-Tribromophenol
 Concen: 139.25 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094219.D
 Acq: 6 Apr 2017 11:02

Instrument :
 BNA_F
 ClientSampleId :
 PB98067BL

Tot Ion:330 Resp: 357072
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 38.0 31.4 47.2

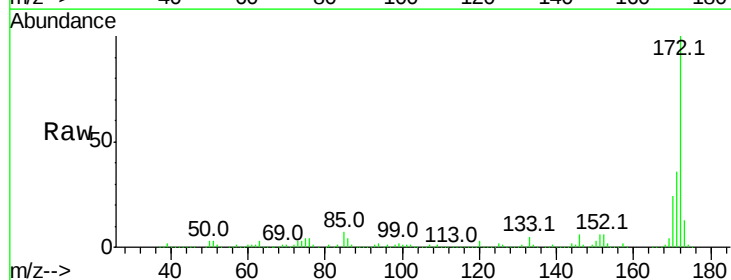


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

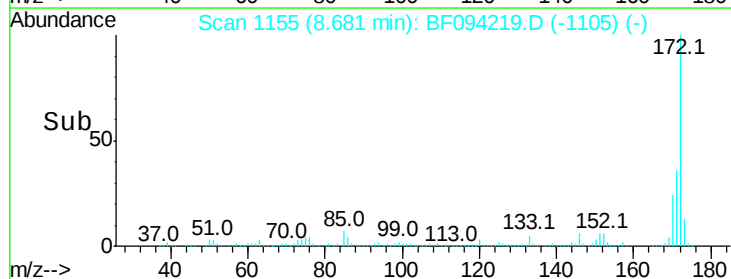
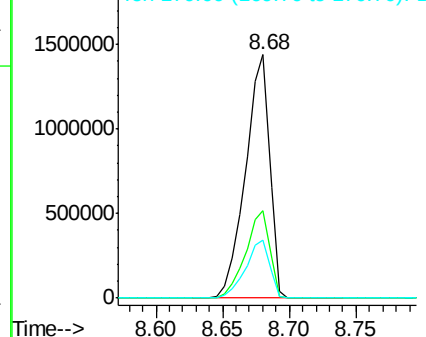


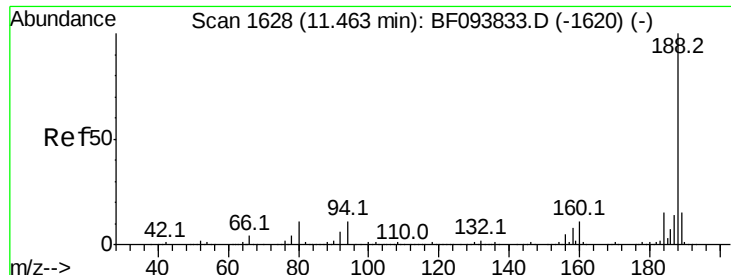
#44
 2-Fluorobiphenyl
 Concen: 84.17 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094219.D
 Acq: 6 Apr 2017 11:02

Tgt Ion:172 Resp: 1790766
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.7 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

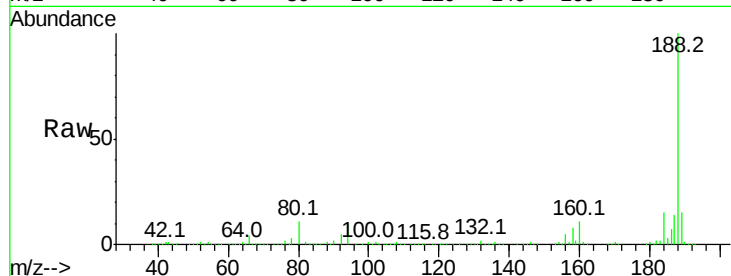




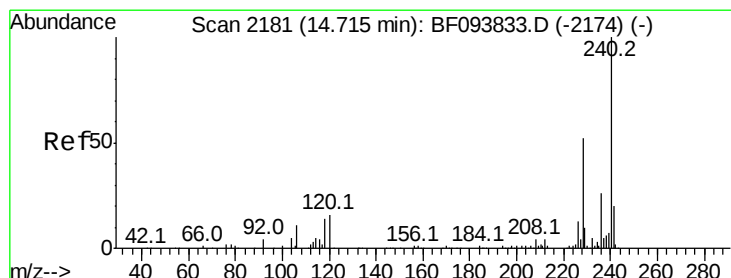
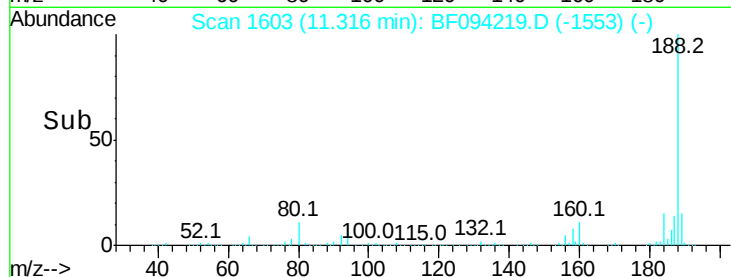
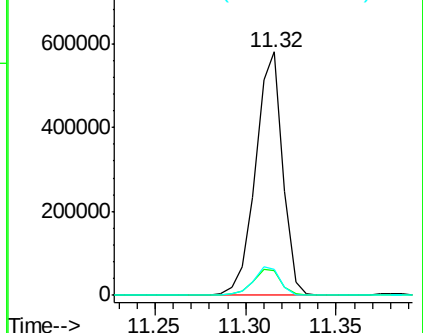
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF094219.D
Acq: 6 Apr 2017 11:02

Instrument :
BNA_F
ClientSampleId :
PB98067BL

Tot Ion:188 Resp: 601762
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 10.8 10.2 15.2

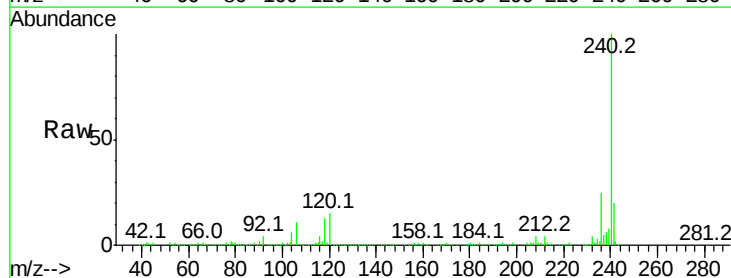


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

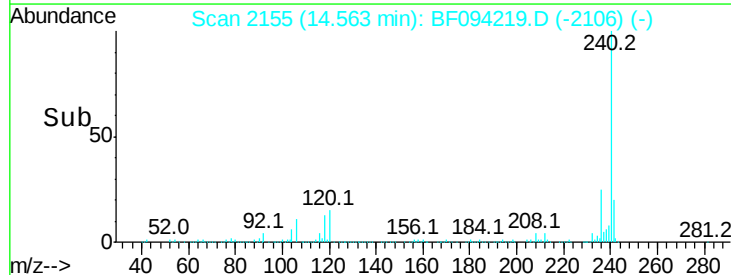
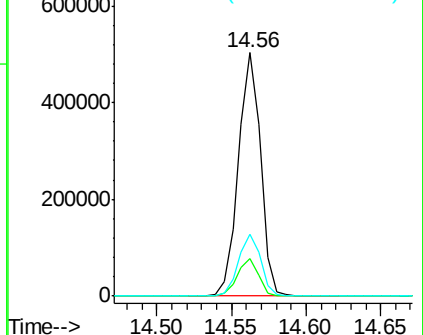


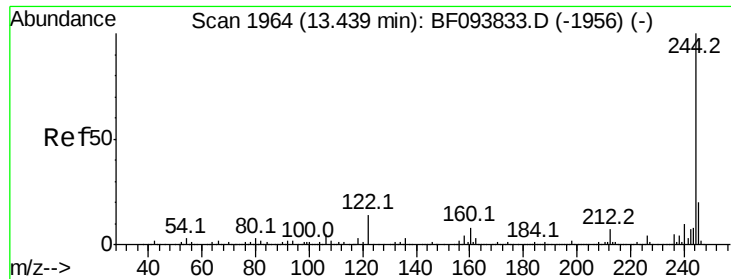
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BF094219.D
Acq: 6 Apr 2017 11:02

Tgt Ion:240 Resp: 524578
Ion Ratio Lower Upper
240 100
120 15.3 5.8 8.8#
236 25.3 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

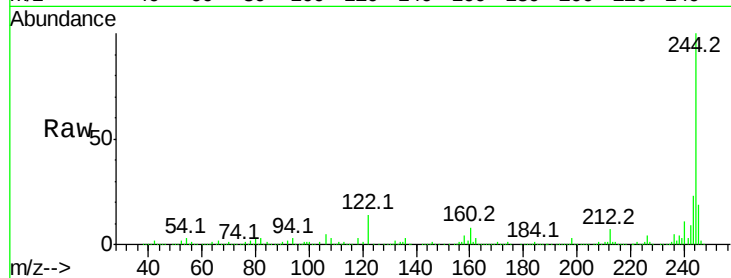




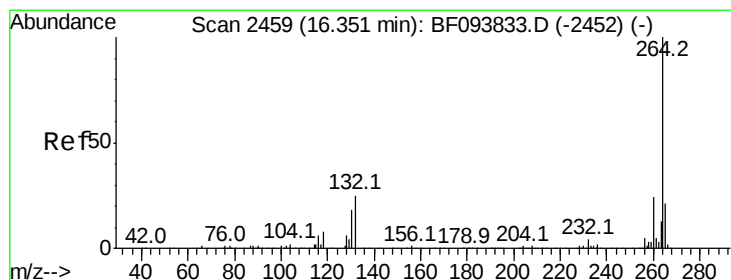
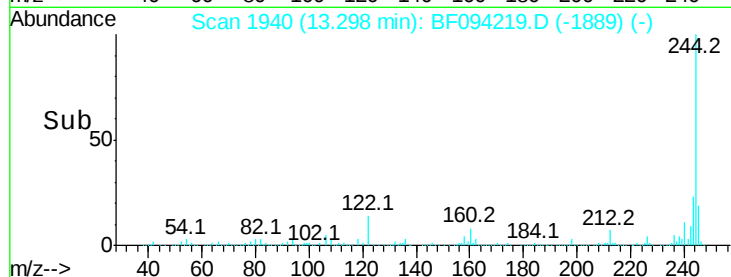
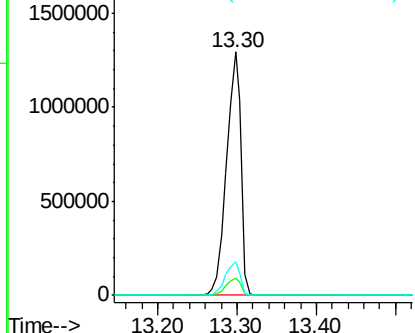
#78
 Terphenyl-d14
 Concen: 69.45 ng
 RT: 13.30 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: BF094219.D
 Acq: 6 Apr 2017 11:02

Instrument :
 BNA_F
 ClientSampleId :
 PB98067BL

Tot Ion:244 Resp: 1625318
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.0 10.3 15.5

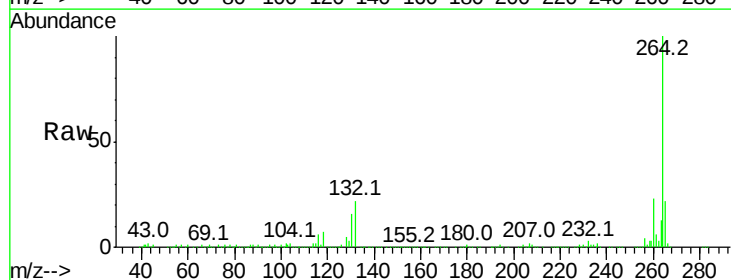


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BF094219.D
 Acq: 6 Apr 2017 11:02

Tgt Ion:264 Resp: 371487
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 21.6 17.2 25.8



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

