

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094019.D
 Acq On : 29 Mar 2017 15:37
 Operator : SJ/MA
 Sample : PB97899BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97899BL

Quant Time: Mar 30 03:37:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	162128	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	655116	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	300449	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	559473	20.00	ng	-0.04
75) Chrysene-d12	14.63	240	493231	20.00	ng	-0.05
86) Perylene-d12	16.27	264	389304	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1177459	122.66	ng	-0.01
7) Phenol-d6	5.52	99	1458659	122.84	ng	-0.03
23) Nitrobenzene-d5	6.57	82	908975	79.18	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	329279	138.69	ng	-0.04
44) 2-Fluorobiphenyl	8.75	172	1672686	84.92	ng	-0.04
78) Terphenyl-d14	13.37	244	1494718	67.93	ng	-0.04

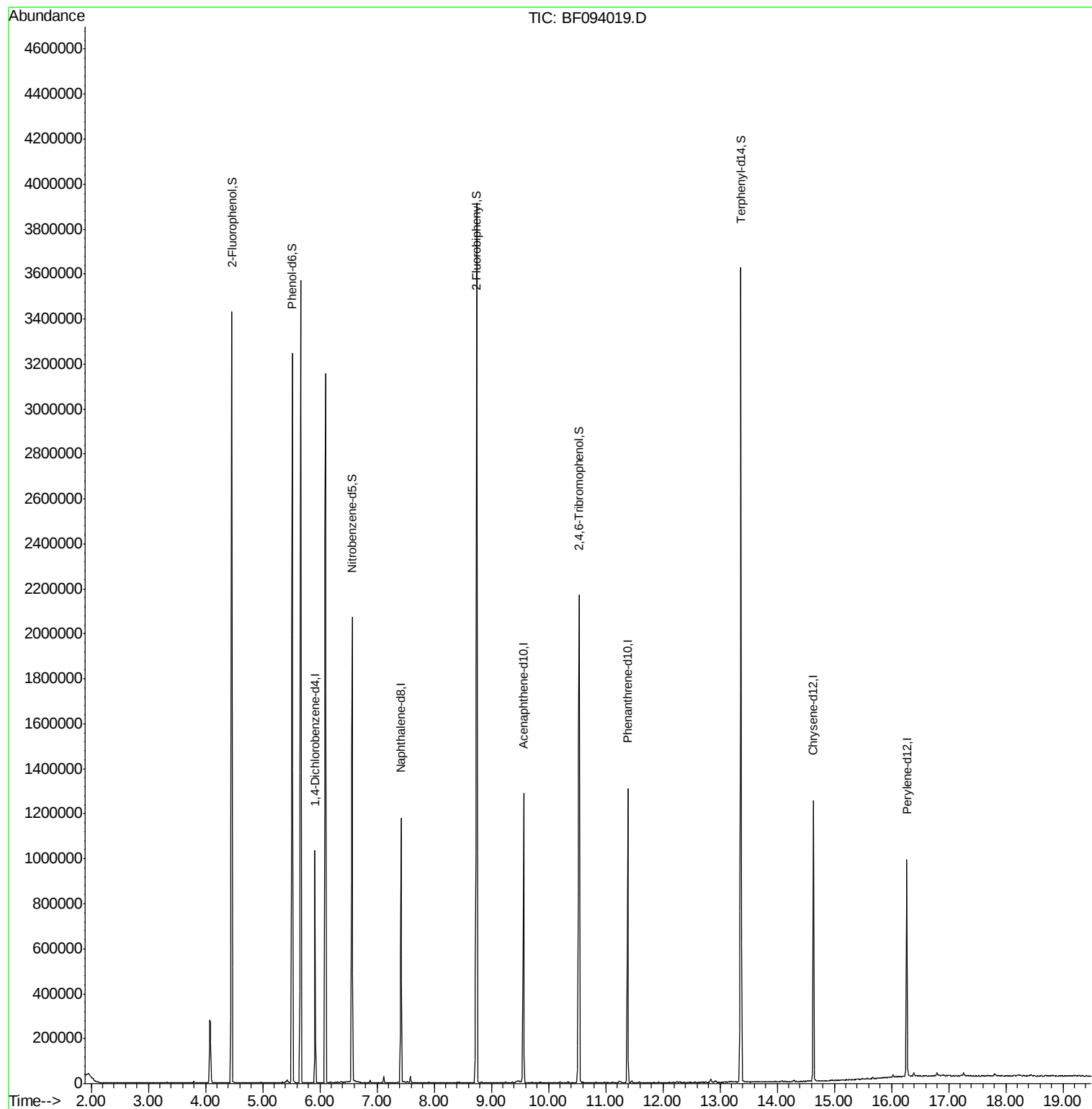
Target Compounds Qvalue

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

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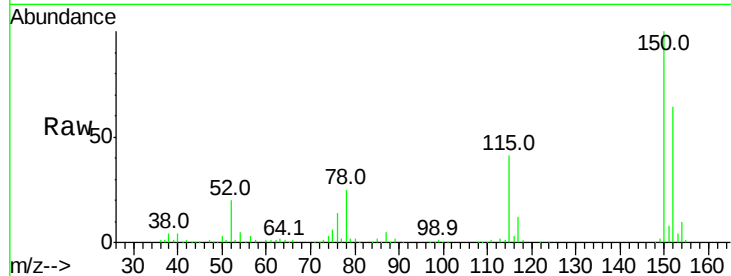


#1

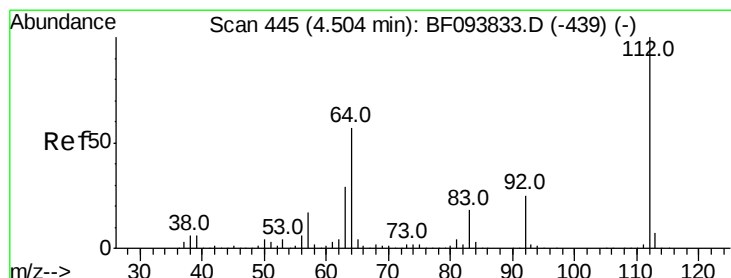
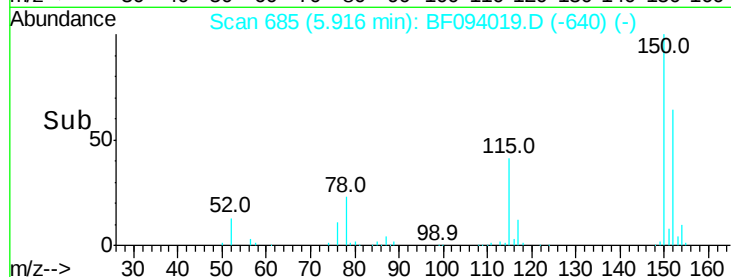
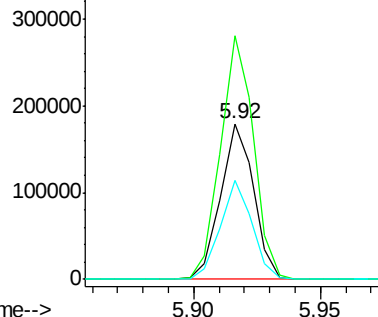
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.92 min Scan# 685
 Delta R.T. -0.04 min
 Lab File: BF094019.D
 Acq: 29 Mar 2017 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB97899BL

Tot Ion:152 Resp: 162128
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.2 189.2
 115 63.9 52.2 78.2



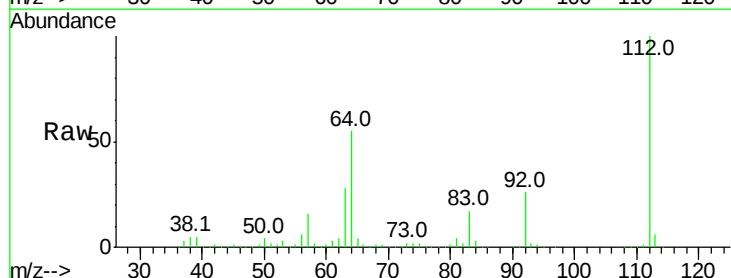
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



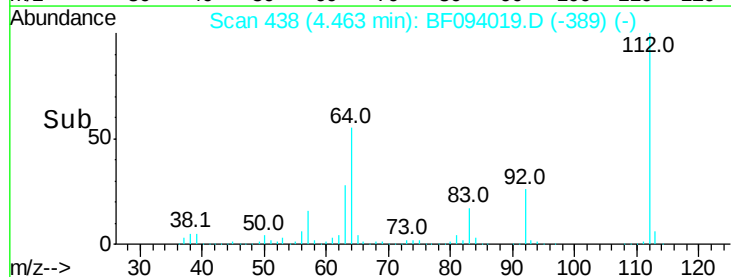
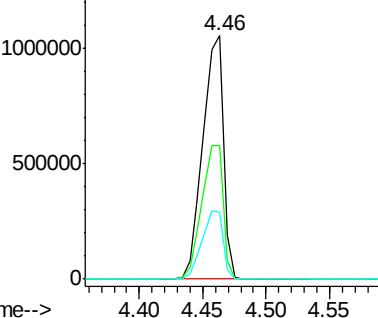
#5

2-Fluorophenol
 Concen: 122.66 ng
 RT: 4.46 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF094019.D
 Acq: 29 Mar 2017 15:37

Tgt Ion:112 Resp: 1177459
 Ion Ratio Lower Upper
 112 100
 64 54.7 46.0 69.0
 63 27.5 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: 122.84 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF094019.D

Acq: 29 Mar 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB97899BL

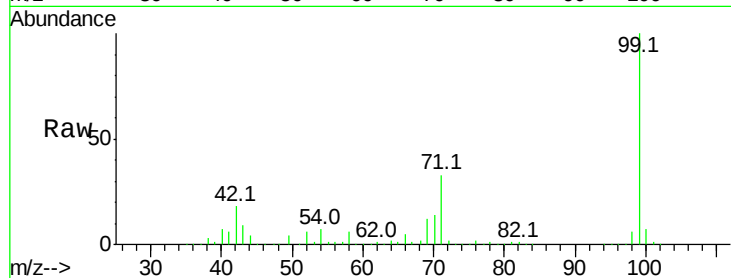
Tot Ion: 99 Resp: 1458659

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

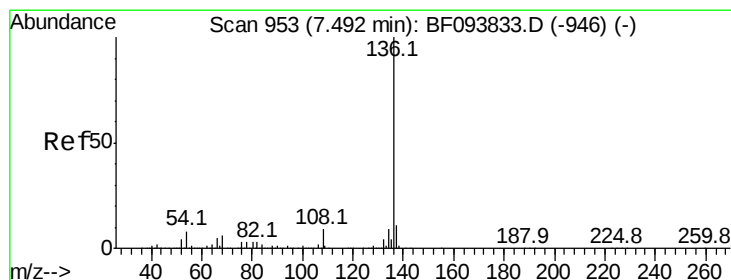
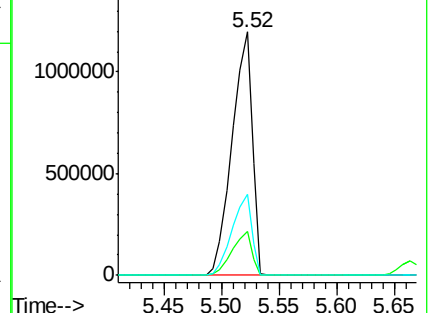
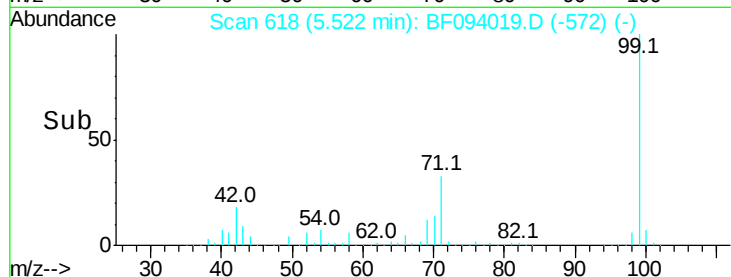
71 33.4 24.5 36.7



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: 7.42 min Scan# 941

Delta R.T. -0.04 min

Lab File: BF094019.D

Acq: 29 Mar 2017 15:37

Tgt Ion:136 Resp: 655116

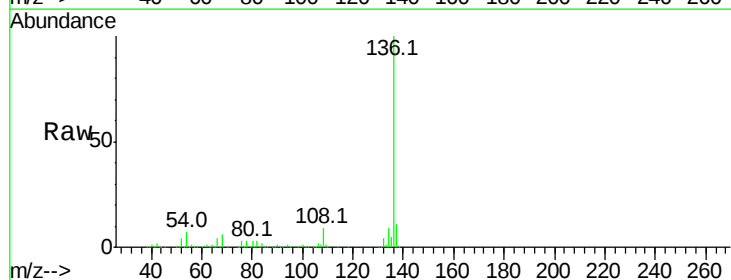
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.8 4.9 7.3

68 5.5 4.1 6.1

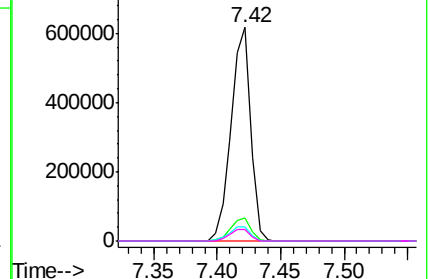
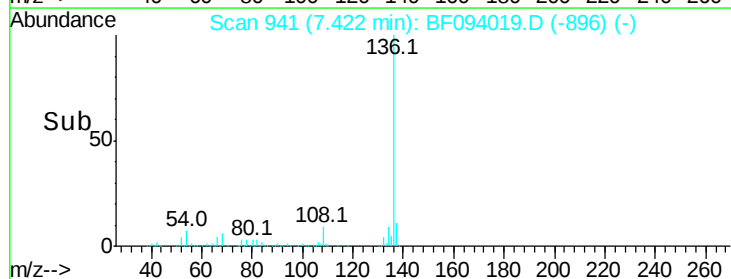


Abundance Ion 136.00 (135.70 to 136.70): E

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

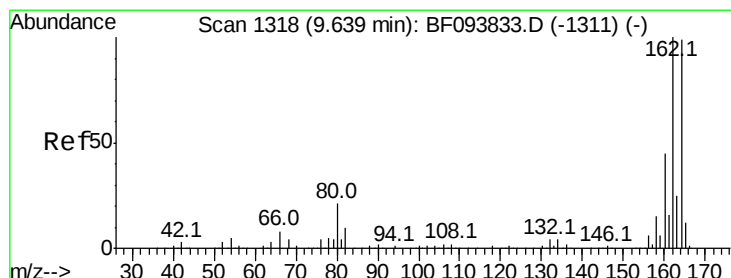
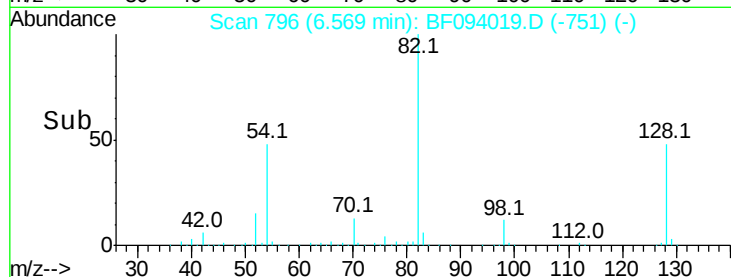
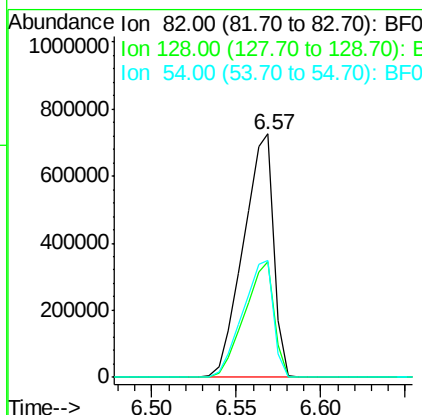
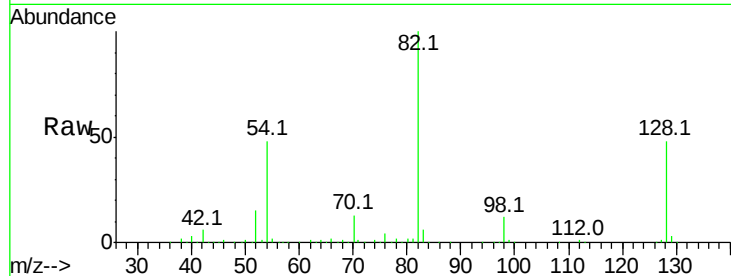




#23
 Nitrobenzene-d5
 Concen: 79.18 ng
 RT: 6.57 min Scan# 796
 Delta R.T. -0.04 min
 Lab File: BF094019.D
 Acq: 29 Mar 2017 15:37

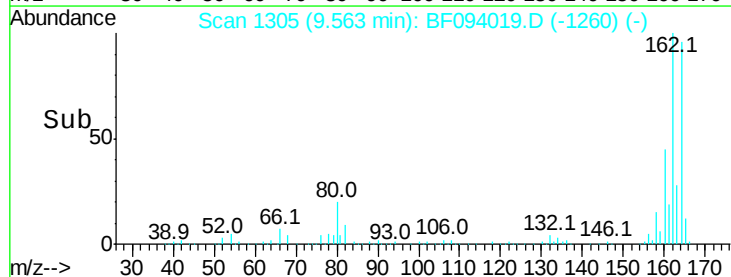
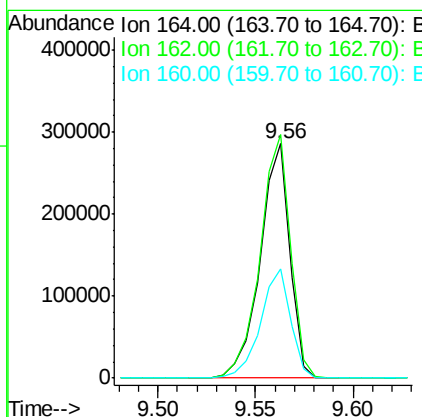
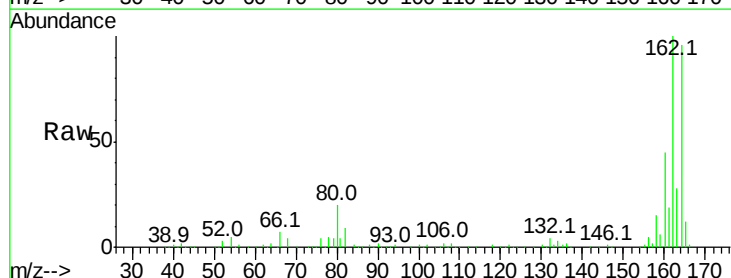
Instrument :
 BNA_F
 ClientSampleID :
 PB97899BL

Tot Ion: 82 Resp: 908975
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 47.8 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 1305
 Delta R.T. -0.04 min
 Lab File: BF094019.D
 Acq: 29 Mar 2017 15:37

Tgt Ion: 164 Resp: 300449
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.6 123.8
 160 46.4 36.2 54.2

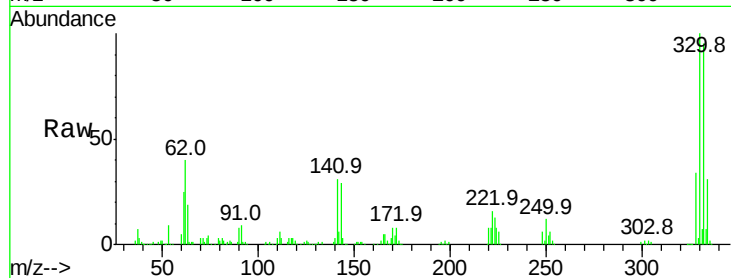




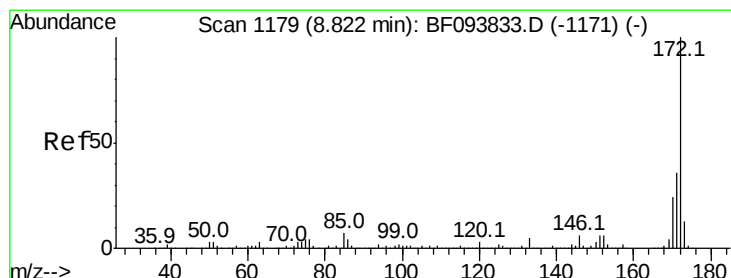
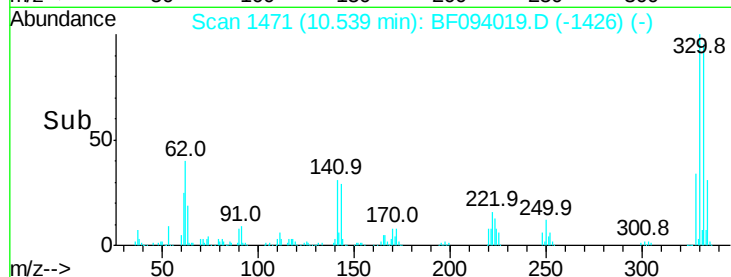
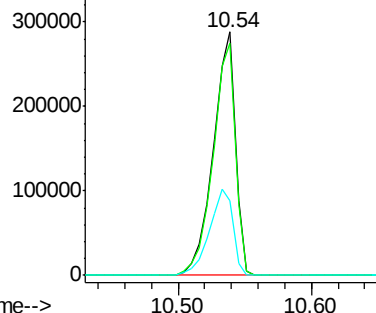
#41
 2,4,6-Tribromophenol
 Concen: 138.69 ng
 RT: 10.54 min Scan# 1471
 Delta R.T. -0.04 min
 Lab File: BF094019.D
 Acq: 29 Mar 2017 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB97899BL

Tot Ion:330 Resp: 329279
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 37.9 31.4 47.2

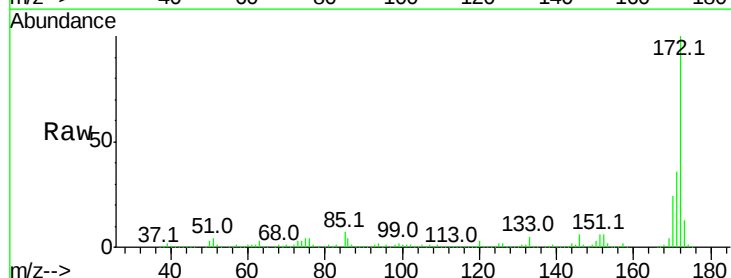


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

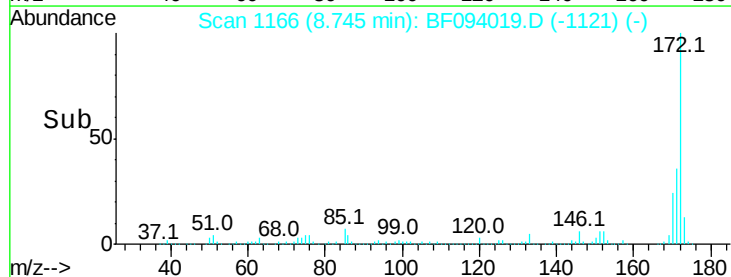
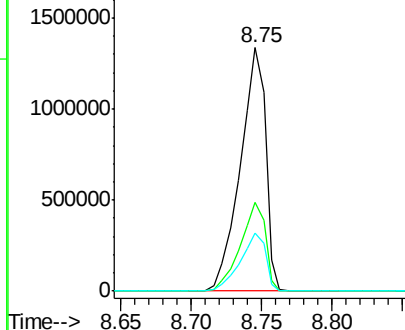


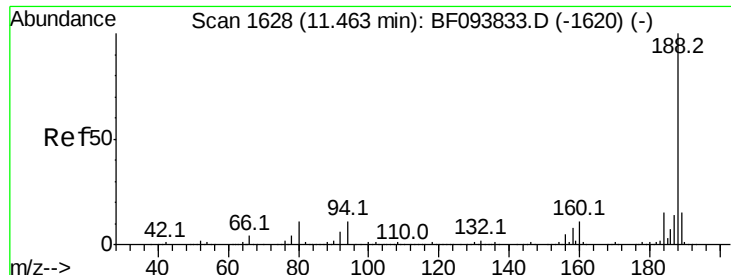
#44
 2-Fluorobiphenyl
 Concen: 84.92 ng
 RT: 8.75 min Scan# 1166
 Delta R.T. -0.04 min
 Lab File: BF094019.D
 Acq: 29 Mar 2017 15:37

Tgt Ion:172 Resp: 1672686
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.0 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: 11.39 min Scan# 1615

Delta R.T. -0.04 min

Lab File: BF094019.D

Acq: 29 Mar 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB97899BL

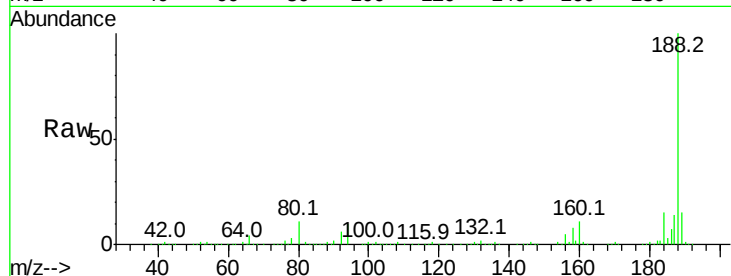
Tot Ion:188 Resp: 559473

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

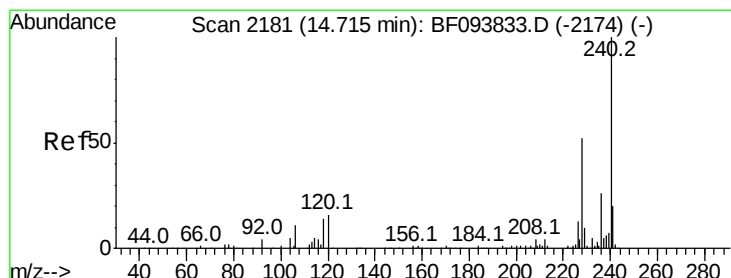
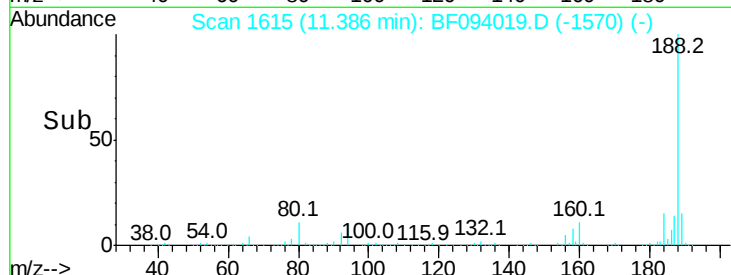
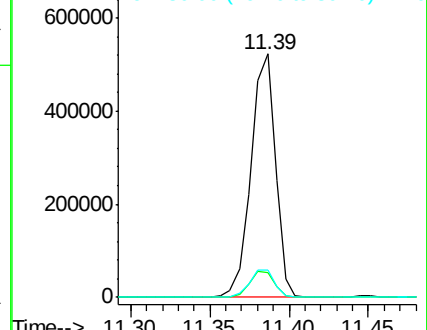
80 11.3 10.2 15.2



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: 14.63 min Scan# 2167

Delta R.T. -0.05 min

Lab File: BF094019.D

Acq: 29 Mar 2017 15:37

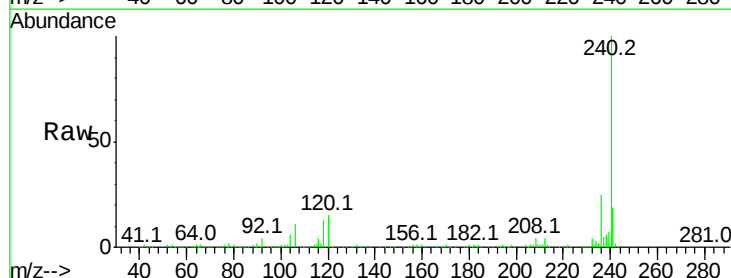
Tgt Ion:240 Resp: 493231

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

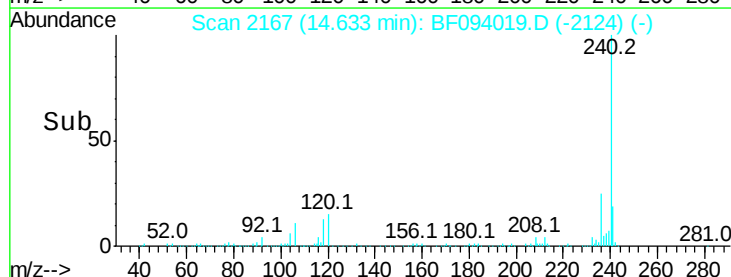
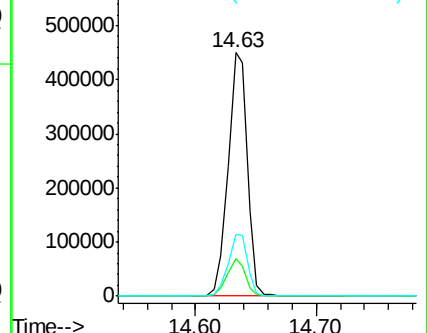
236 25.2 20.5 30.7

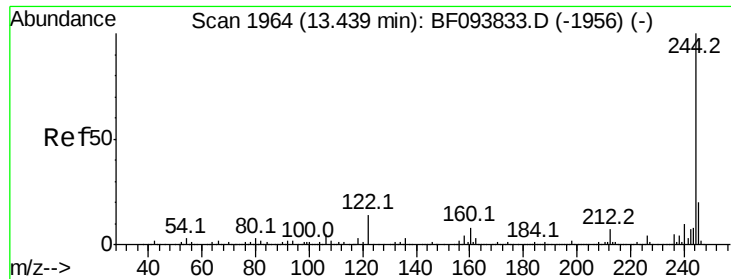


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.93 ng

RT: 13.37 min Scan# 1952

Delta R.T. -0.04 min

Lab File: BF094019.D

Acq: 29 Mar 2017 15:37

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PB97899BL

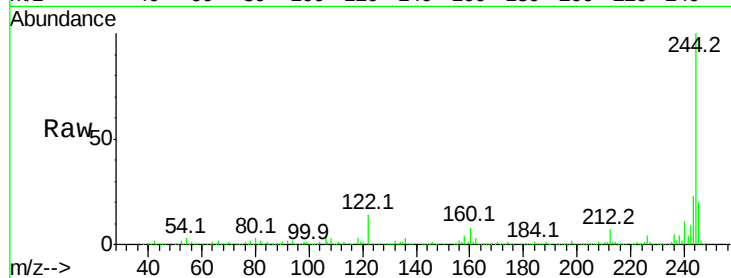
Tot Ion:244 Resp: 1494718

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

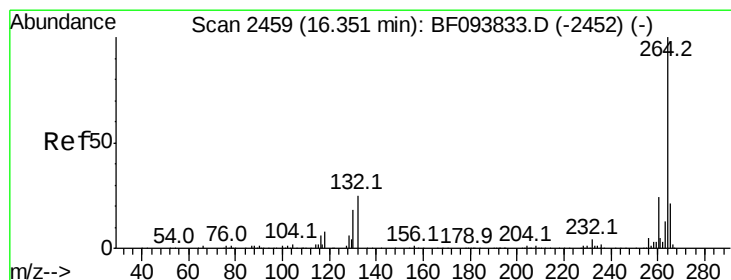
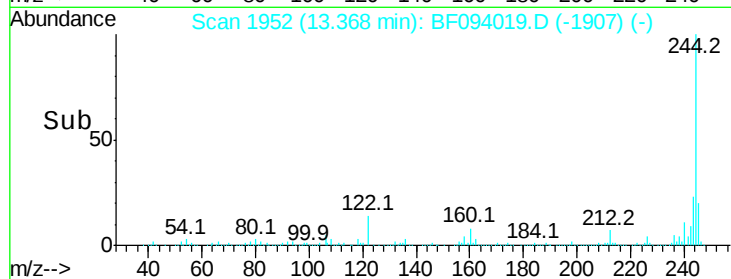
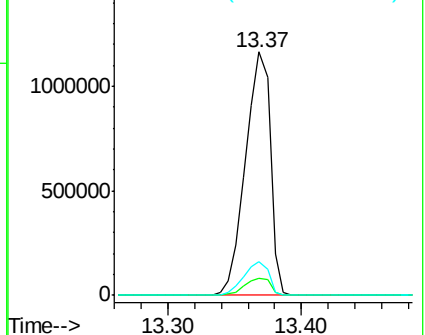
122 14.0 10.3 15.5



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: 16.27 min Scan# 2445

Delta R.T. -0.04 min

Lab File: BF094019.D

Acq: 29 Mar 2017 15:37

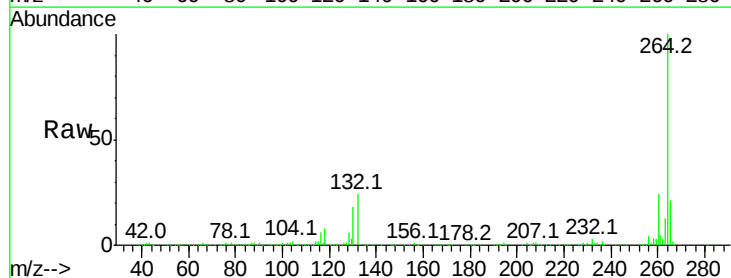
Tgt Ion:264 Resp: 389304

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.0 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

