

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033017\
 Data File : BF094070.D
 Acq On : 30 Mar 2017 20:54
 Operator : SJ/MA
 Sample : I2416-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4(1.5-2)

Quant Time: Mar 31 03:44:28 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

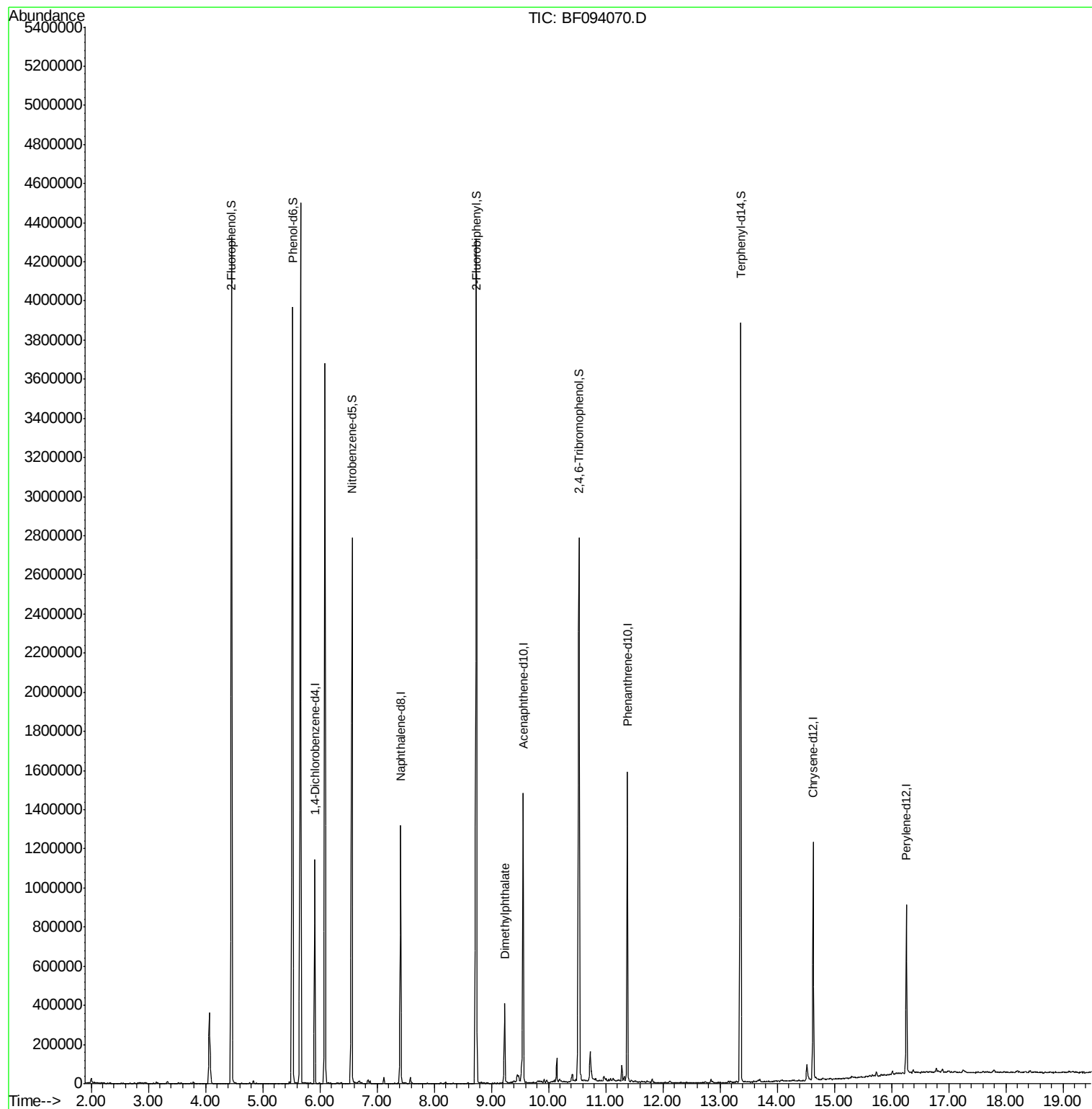
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	184369	20.00	ng	-0.04
21) Naphthalene-d8	7.41	136	751335	20.00	ng	-0.05
38) Acenaphthene-d10	9.56	164	359534	20.00	ng	-0.04
63) Phenanthrene-d10	11.38	188	643669	20.00	ng	-0.04
75) Chrysene-d12	14.63	240	485751	20.00	ng	-0.05
86) Perylene-d12	16.26	264	342018	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1497394	137.18	ng	-0.02
7) Phenol-d6	5.53	99	1901411	140.80	ng	-0.02
23) Nitrobenzene-d5	6.56	82	1245516	94.60	ng	-0.04
41) 2,4,6-Tribromophenol	10.53	330	437048	153.83	ng	-0.04
44) 2-Fluorobiphenyl	8.74	172	1857535	78.80	ng	-0.04
78) Terphenyl-d14	13.36	244	1497633	69.11	ng	-0.04
Target Compounds						
49) Dimethylphthalate	9.23	163	188213	7.36	ng	Qvalue 99

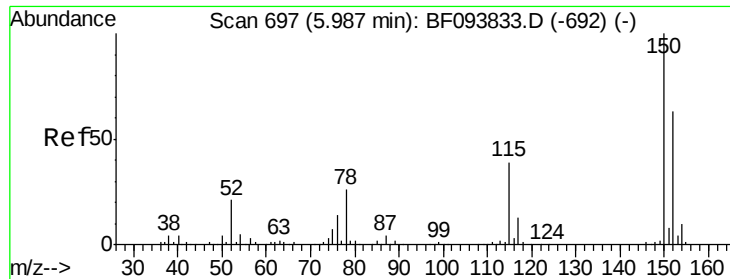
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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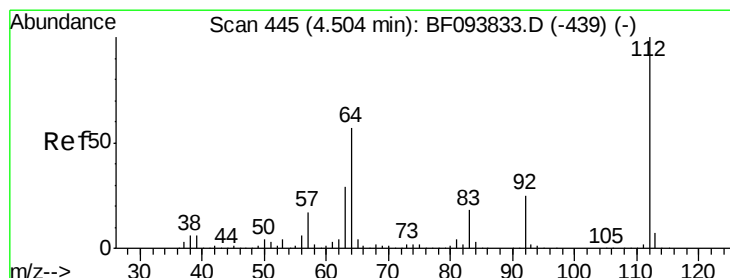
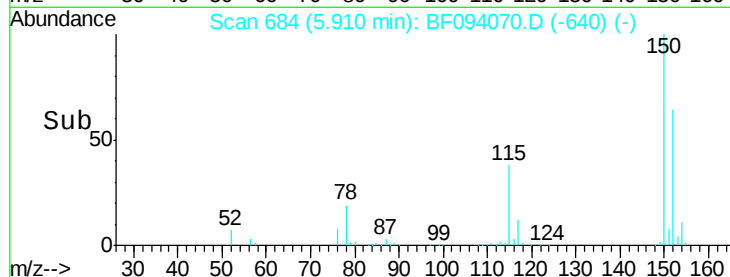
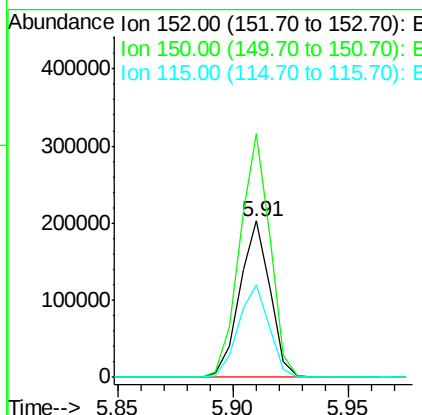
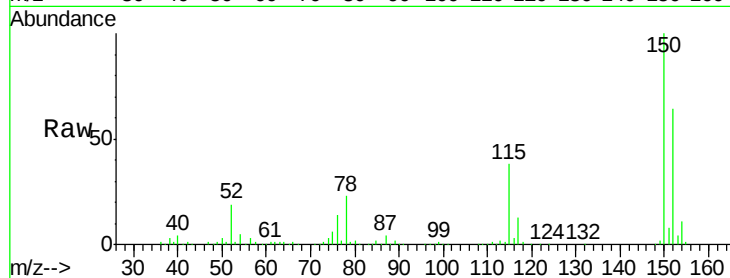




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.91 min Scan# 684
 Delta R.T. -0.04 min
 Lab File: BF094070.D
 Acq: 30 Mar 2017 20:54

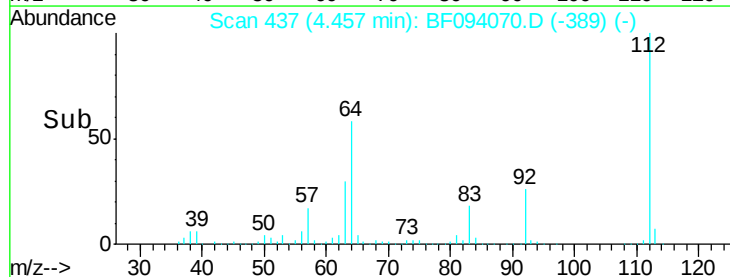
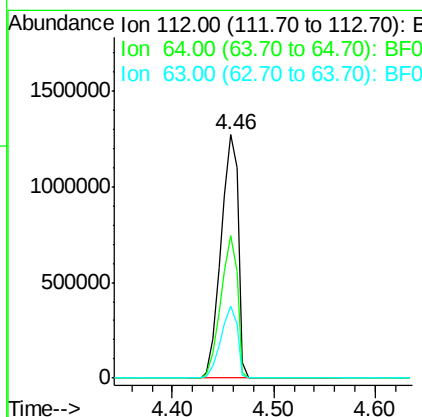
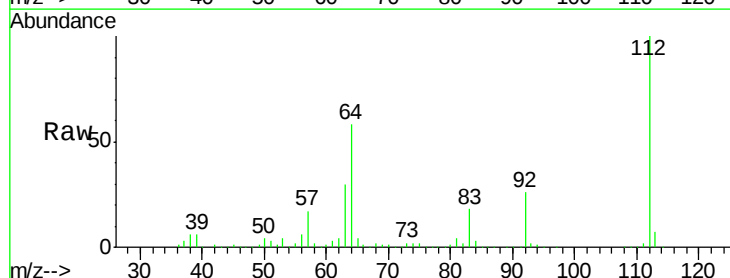
Instrument :
 BNA_F
 ClientSampleId :
 TP-4(1.5-2)

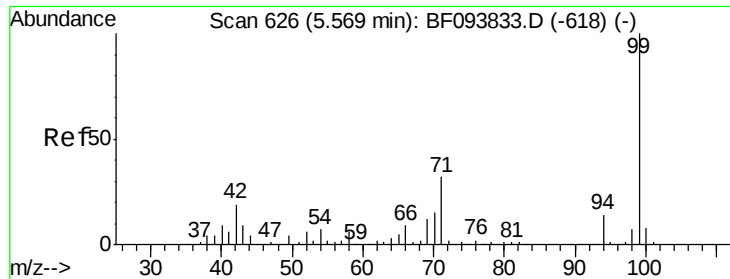
Tgt Ion:152 Resp: 184369
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.2 189.2
 115 59.6 52.2 78.2



#5
 2-Fluorophenol
 Concen: 137.18 ng
 RT: 4.46 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF094070.D
 Acq: 30 Mar 2017 20:54

Tgt Ion:112 Resp: 1497394
 Ion Ratio Lower Upper
 112 100
 64 58.4 46.0 69.0
 63 29.6 23.4 35.0





#7

Phenol-d6

Concen: 140.80 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF094070.D

Acq: 30 Mar 2017 20:54

Instrument :

BNA_F

ClientSampleId :

TP-4(1.5-2)

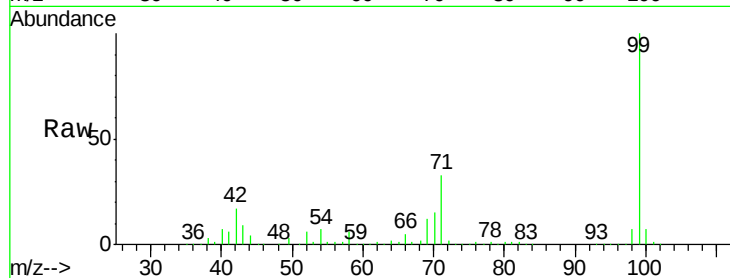
Tgt Ion: 99 Resp: 1901411

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

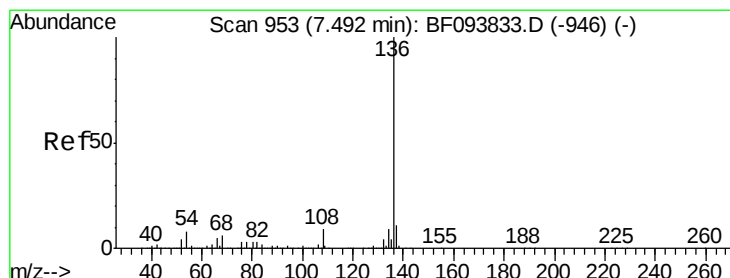
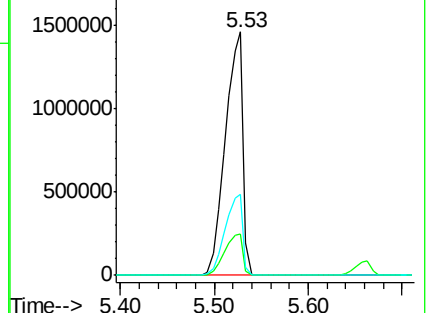
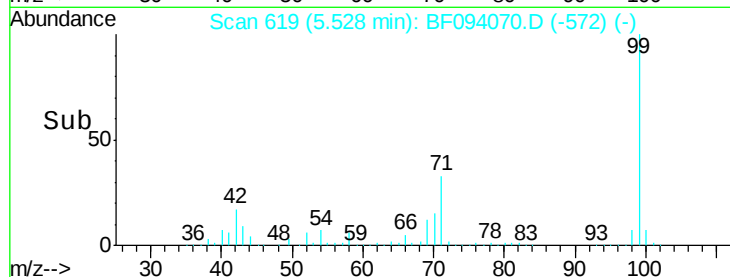
71 33.4 24.5 36.7



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: 7.41 min Scan# 939

Delta R.T. -0.05 min

Lab File: BF094070.D

Acq: 30 Mar 2017 20:54

Tgt Ion: 136 Resp: 751335

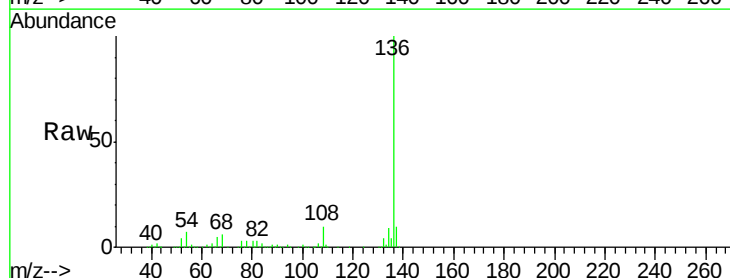
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 7.5 4.9 7.3#

68 6.0 4.1 6.1

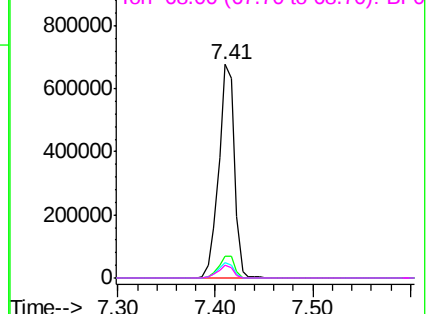
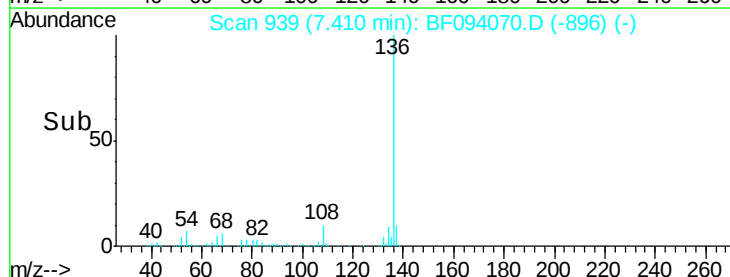


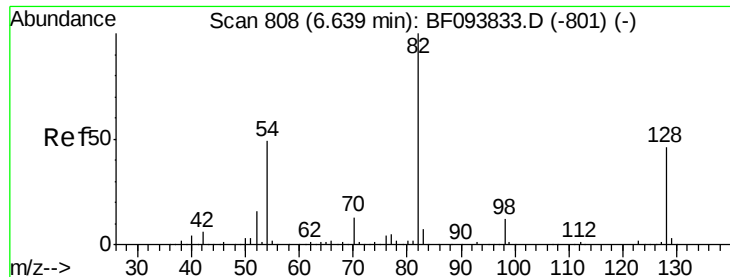
Abundance Ion 136.00 (135.70 to 136.70): E

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

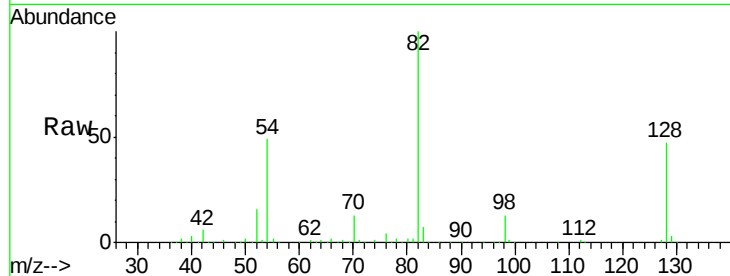




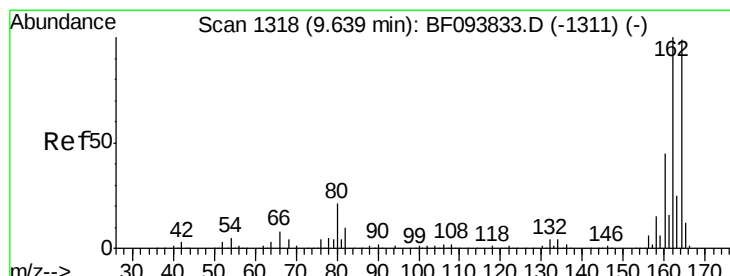
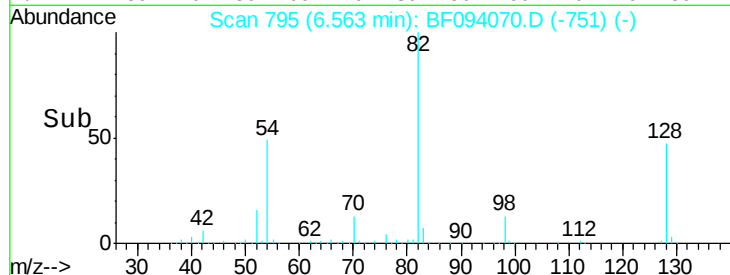
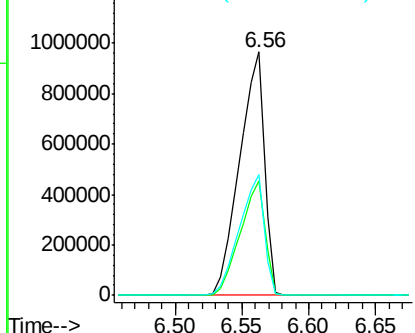
#23
 Nitrobenzene-d5
 Concen: 94.60 ng
 RT: 6.56 min Scan# 795
 Delta R.T. -0.04 min
 Lab File: BF094070.D
 Acq: 30 Mar 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-4(1.5-2)

Tgt Ion: 82 Resp: 1245516
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 49.4 42.2 63.2

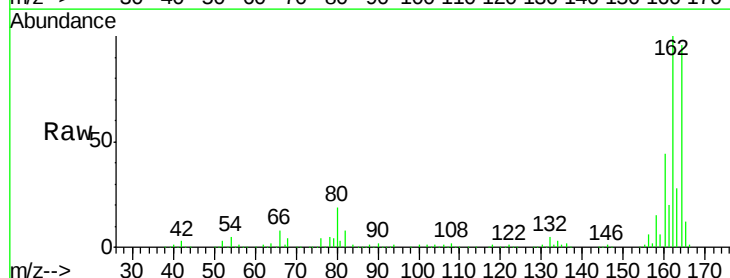


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

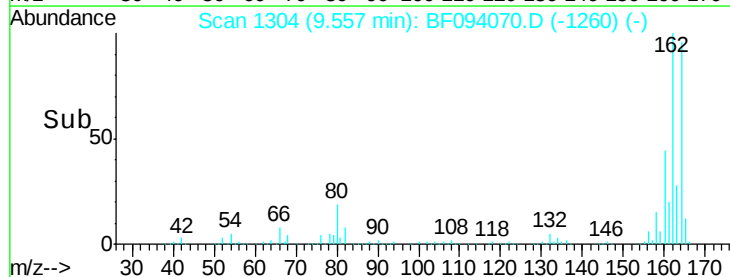
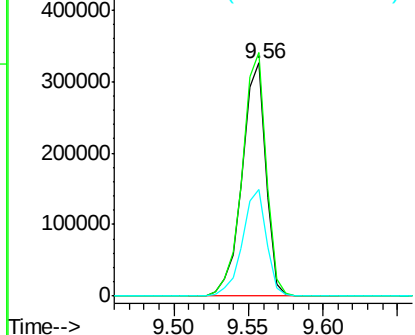


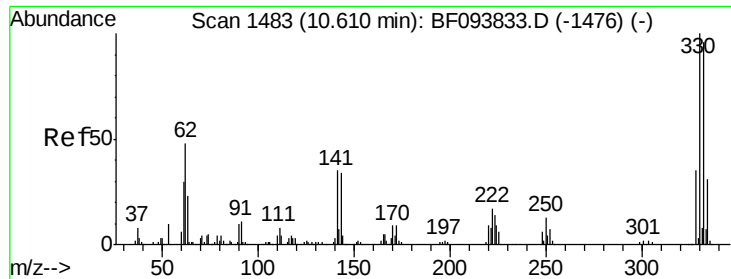
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. -0.04 min
 Lab File: BF094070.D
 Acq: 30 Mar 2017 20:54

Tgt Ion: 164 Resp: 359534
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.6 123.8
 160 45.9 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

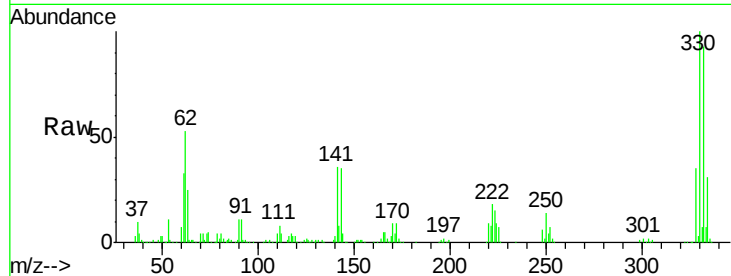




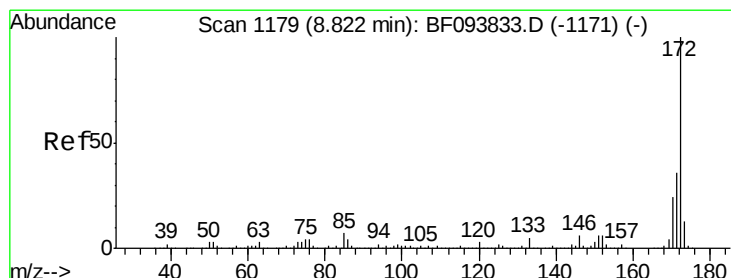
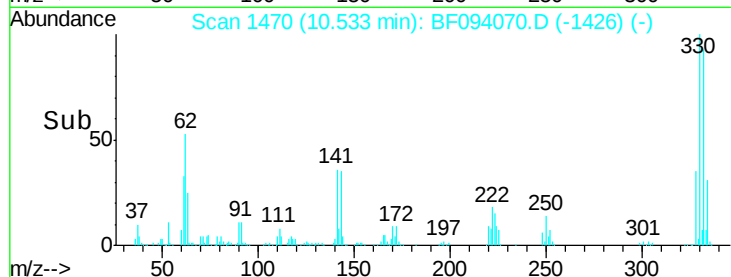
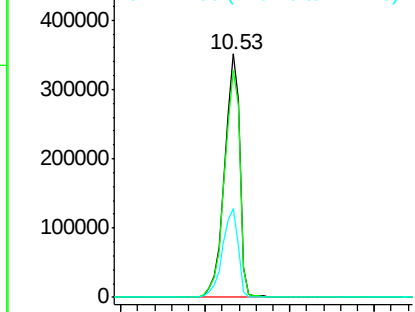
#41
 2,4,6-Tribromophenol
 Concen: 153.83 ng
 RT: 10.53 min Scan# 1470
 Delta R.T. -0.04 min
 Lab File: BF094070.D
 Acq: 30 Mar 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :
 TP-4(1.5-2)

Tgt Ion:330 Resp: 437048
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 38.0 31.4 47.2

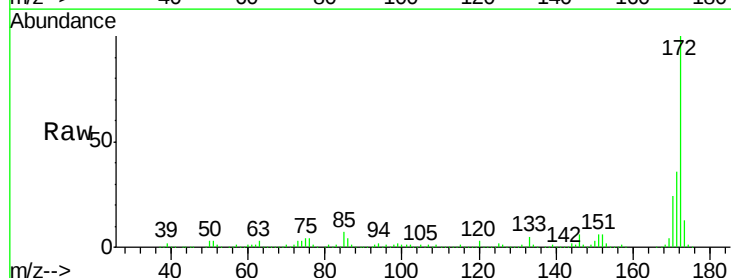


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

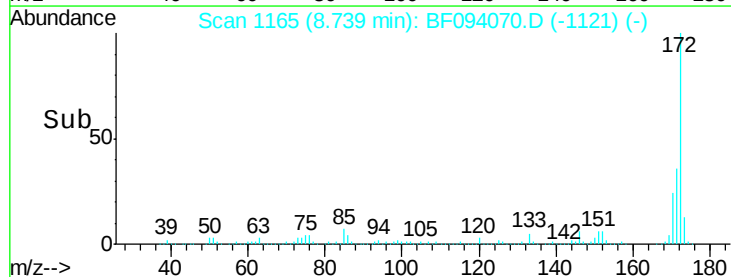
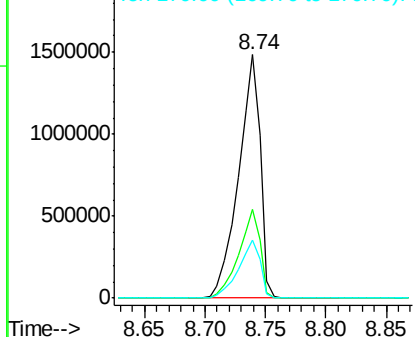


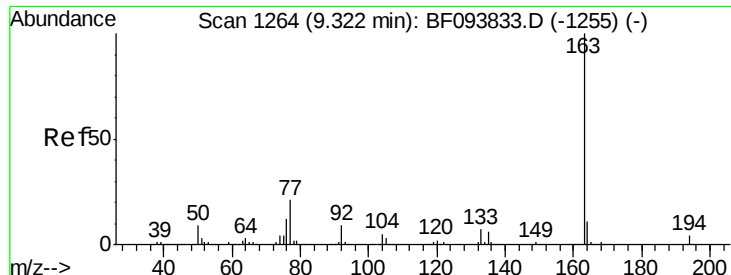
#44
 2-Fluorobiphenyl
 Concen: 78.80 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.04 min
 Lab File: BF094070.D
 Acq: 30 Mar 2017 20:54

Tgt Ion:172 Resp: 1857535
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.8 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

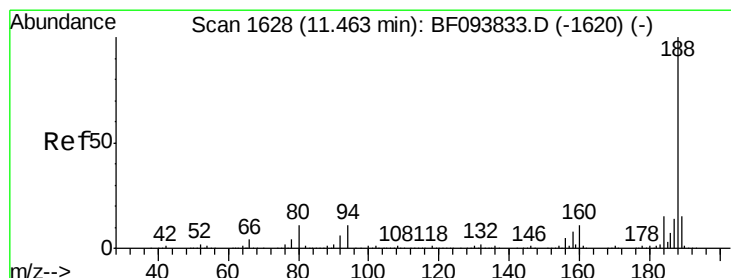
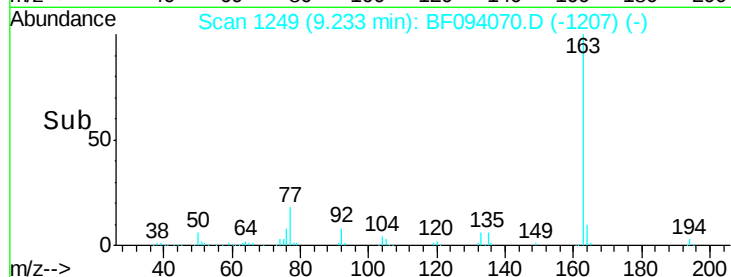
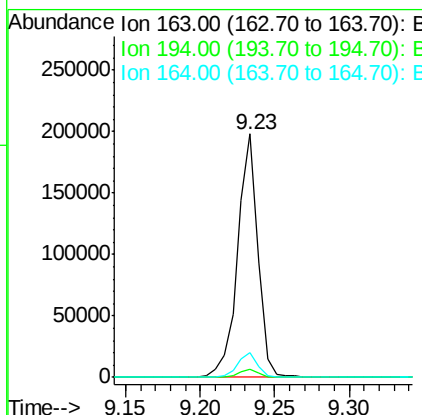
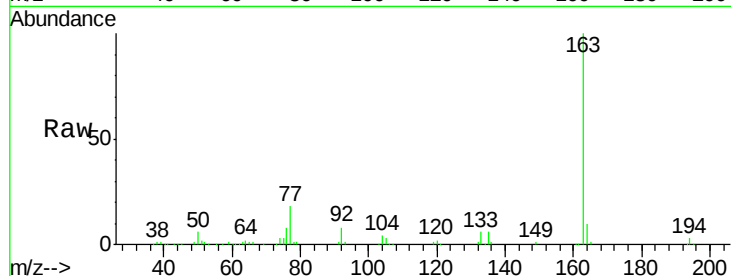




#49
Dimethylphthalate
Concen: 7.36 ng
RT: 9.23 min Scan# 1249
Delta R.T. -0.05 min
Lab File: BF094070.D
Acq: 30 Mar 2017 20:54

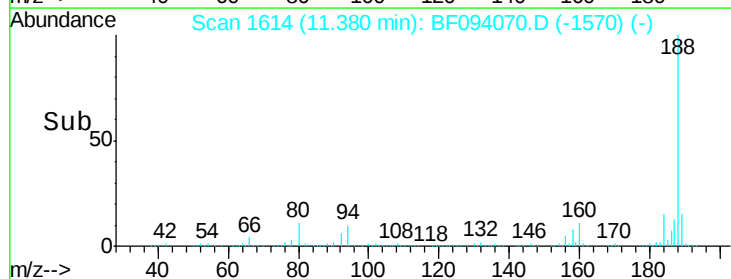
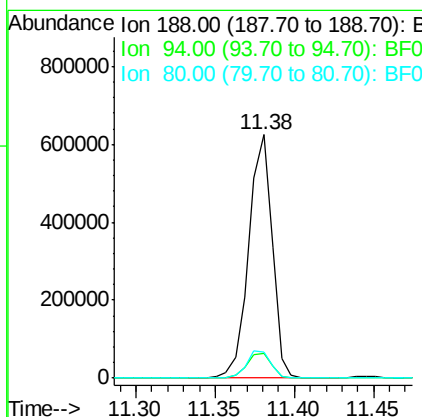
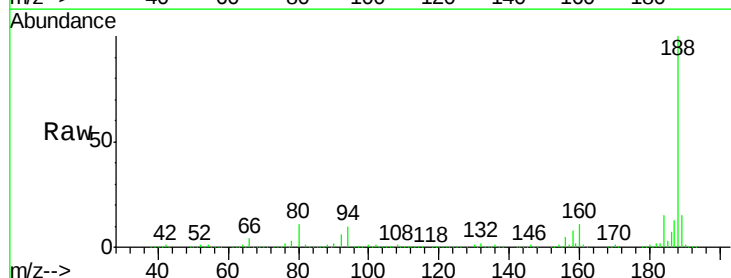
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TP-4(1.5-2)

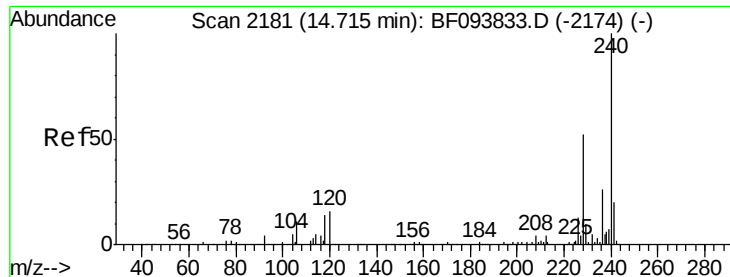
Tgt Ion:163 Resp: 188213
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.2 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.04 min
Lab File: BF094070.D
Acq: 30 Mar 2017 20:54

Tgt Ion:188 Resp: 643669
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.8 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.63 min Scan# 2167

Delta R.T. -0.05 min

Lab File: BF094070.D

Acq: 30 Mar 2017 20:54

Instrument :

BNA_F

ClientSampleId :

TP-4(1.5-2)

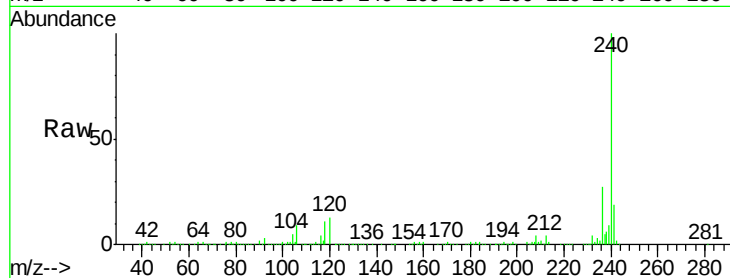
Tgt Ion:240 Resp: 485751

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

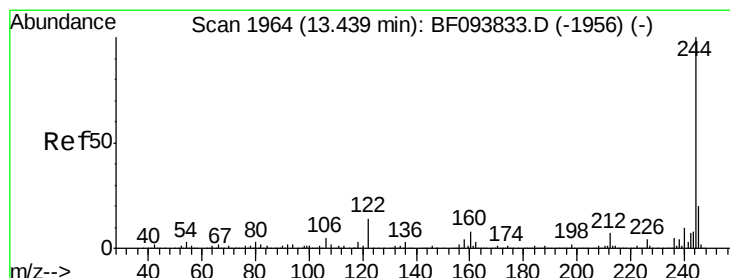
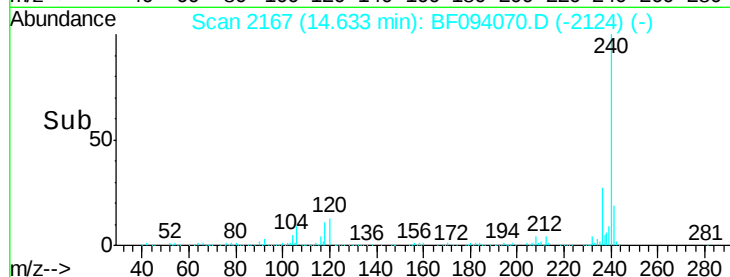
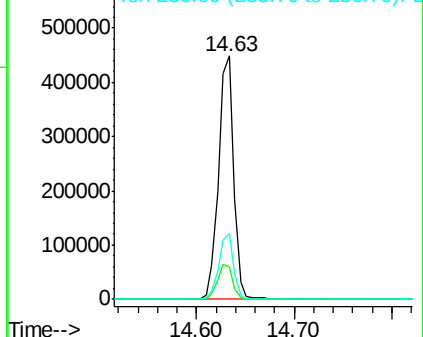
236 26.8 20.5 30.7



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: 69.11 ng

RT: 13.36 min Scan# 1951

Delta R.T. -0.04 min

Lab File: BF094070.D

Acq: 30 Mar 2017 20:54

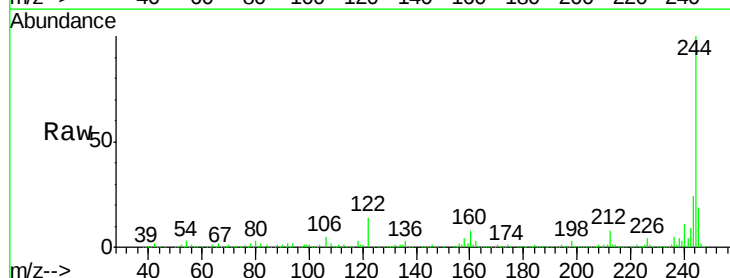
Tgt Ion:244 Resp: 1497633

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

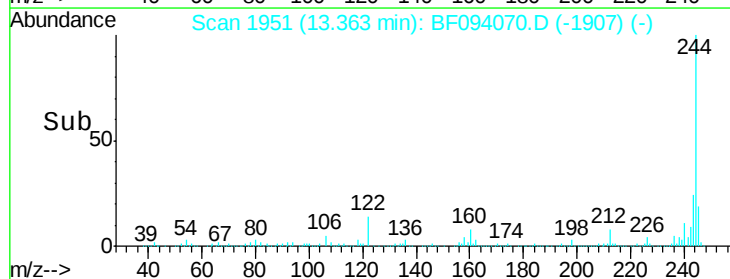
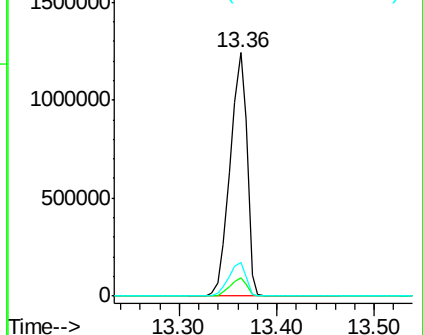
122 13.7 10.3 15.5

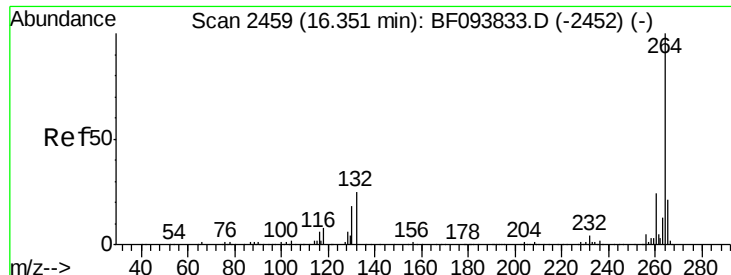


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.26 min Scan# 2444
Delta R.T. -0.05 min
Lab File: BF094070.D
Acq: 30 Mar 2017 20:54

Instrument :
BNA_F
ClientSampleId :
TP-4(1.5-2)

Tgt Ion: 264 Resp: 342018
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 21.3 17.2 25.8

