

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
 Data File : BF094939.D
 Acq On : 6 May 2017 3:10
 Operator : SJ/MA
 Sample : I2950-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(13-15)20170502

Quant Time: May 06 04:13:16 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

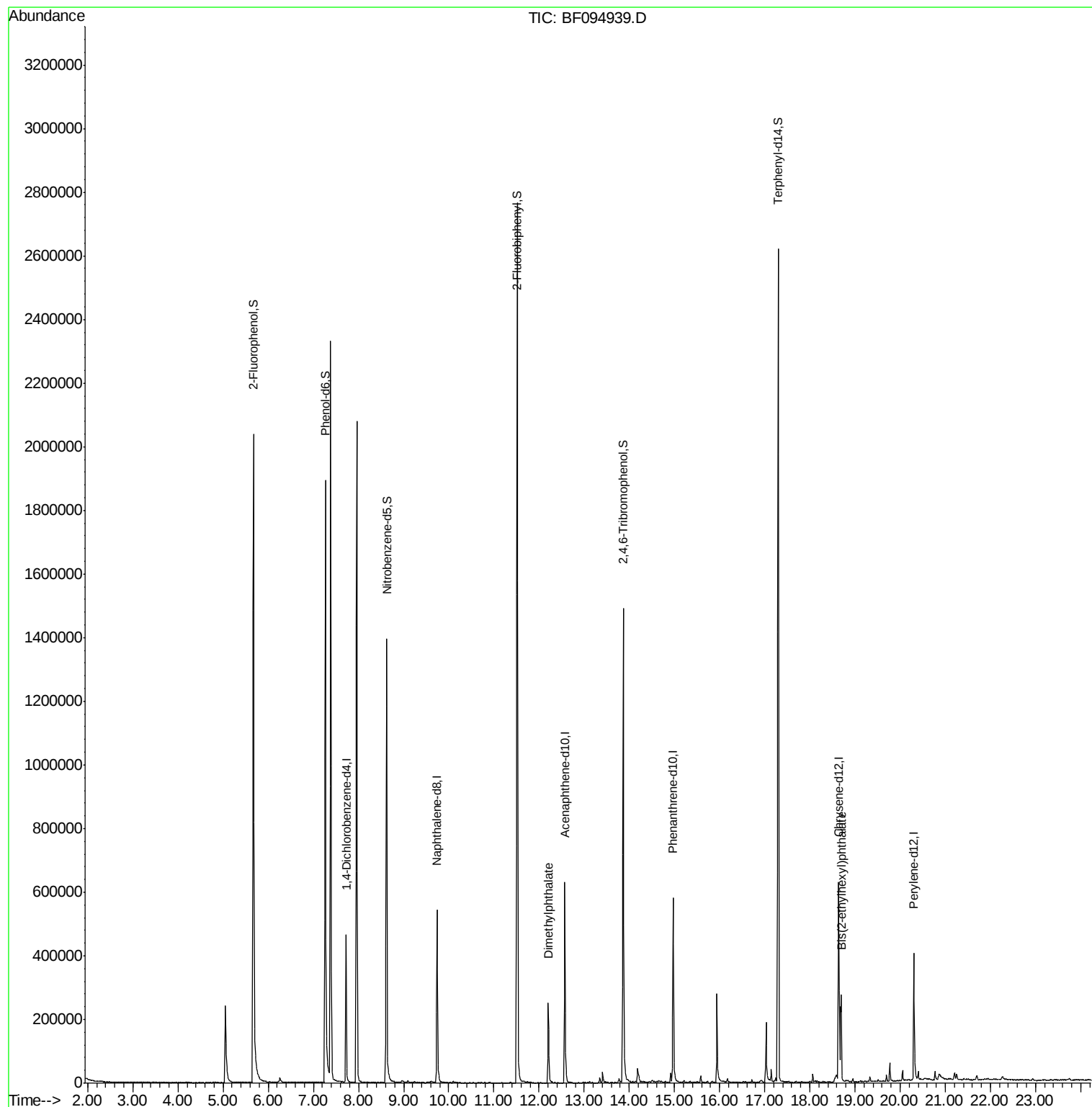
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	100660	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	398259	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	186445	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	326121	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	302924	20.00	ng	-0.02
86) Perylene-d12	20.31	264	222758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	958689	158.79	ng	0.00
7) Phenol-d6	7.27	99	1125408	155.35	ng	-0.01
23) Nitrobenzene-d5	8.62	82	665162	105.32	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	264015	172.91	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1242072	95.89	ng	-0.01
78) Terphenyl-d14	17.30	244	1101036	80.06	ng	-0.01
Target Compounds						
49) Dimethylphthalate	12.21	163	163141	10.66	ng	Qvalue 98
83) Bis(2-ethylhexyl)phthalate	18.69	149	200901	13.38	ng	# 99

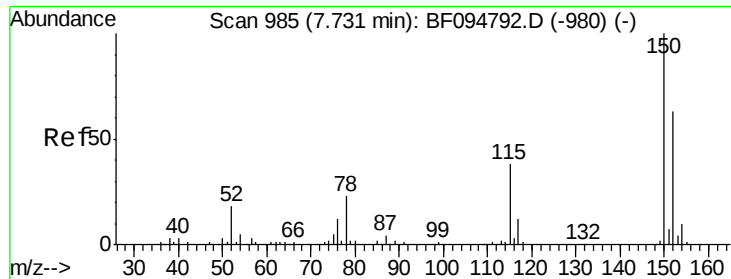
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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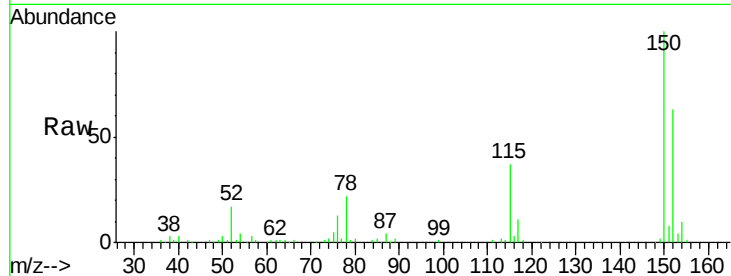


#1

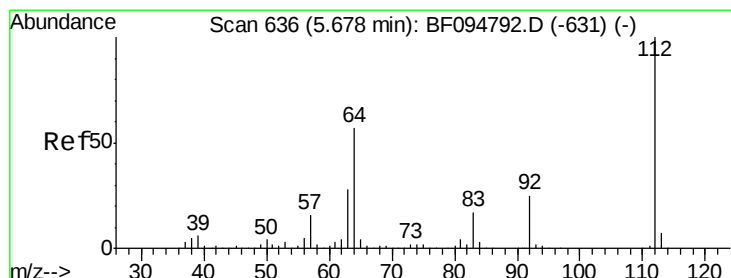
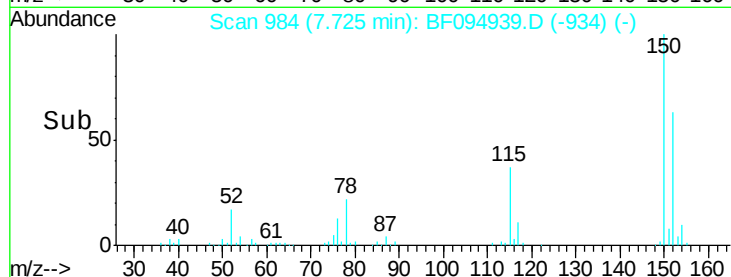
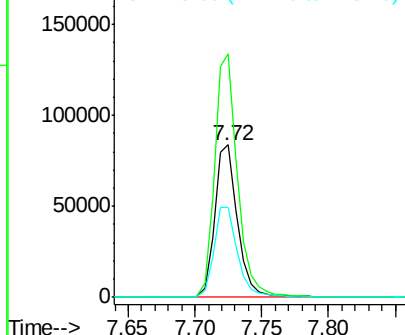
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094939.D
Acq: 6 May 2017 3:10

Instrument :
BNA_F
ClientSampleId :
SB-11(13-15)20170502

Tgt Ion:152 Resp: 100660
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.2
115 58.8 52.2 78.2



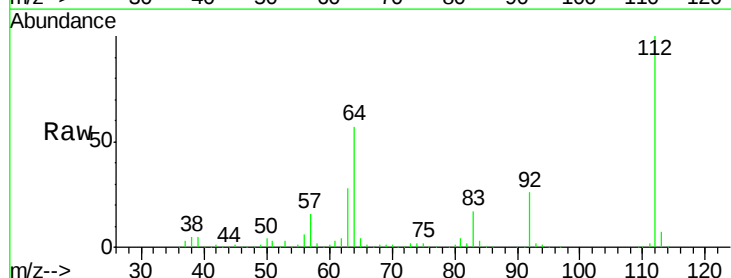
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



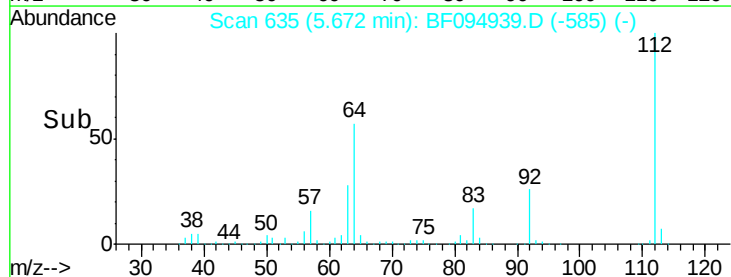
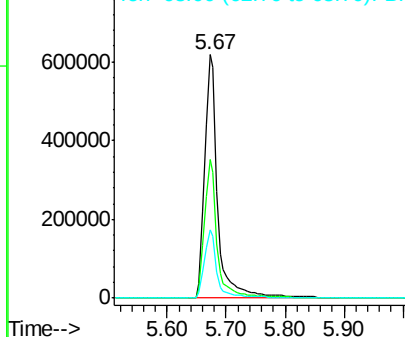
#5

2-Fluorophenol
Concen: 158.79 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF094939.D
Acq: 6 May 2017 3:10

Tgt Ion:112 Resp: 958689
Ion Ratio Lower Upper
112 100
64 56.8 46.0 69.0
63 27.9 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: 155.35 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094939.D

Acq: 6 May 2017 3:10

Instrument :

BNA_F

ClientSampleId :

SB-11(13-15)20170502

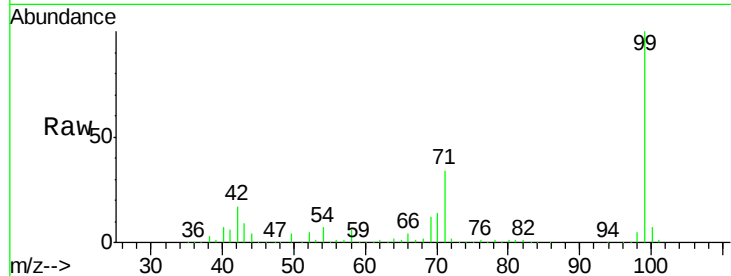
Tgt Ion: 99 Resp: 1125408

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

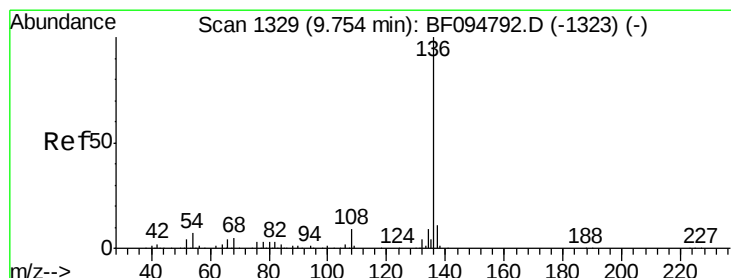
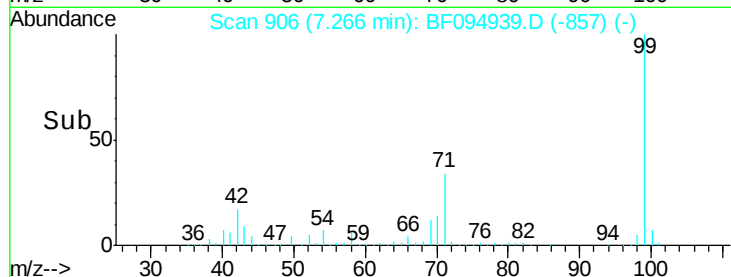
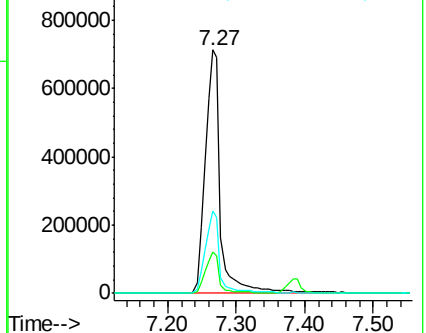
71 33.9 24.5 36.7



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: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094939.D

Acq: 6 May 2017 3:10

Tgt Ion: 136 Resp: 398259

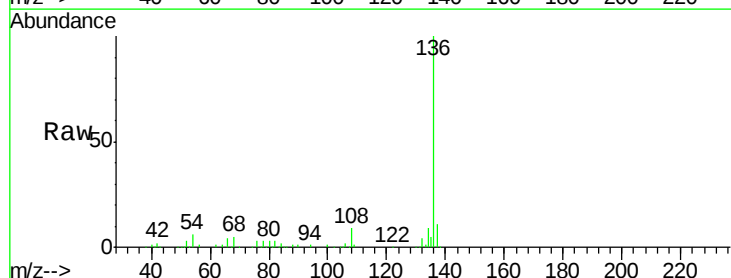
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.5 4.9 7.3

68 5.4 4.1 6.1

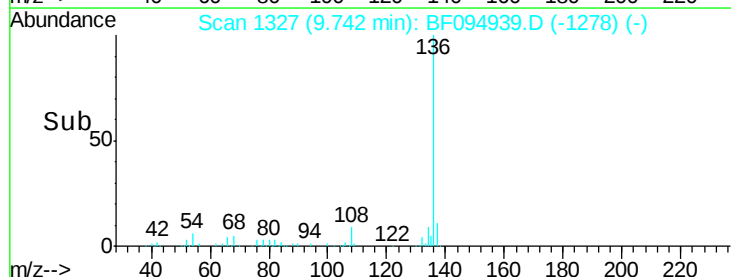
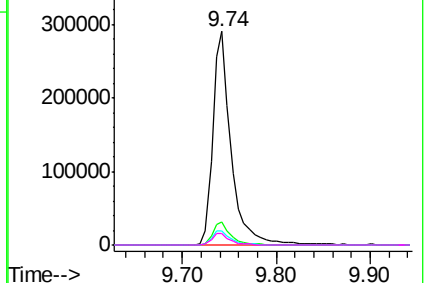


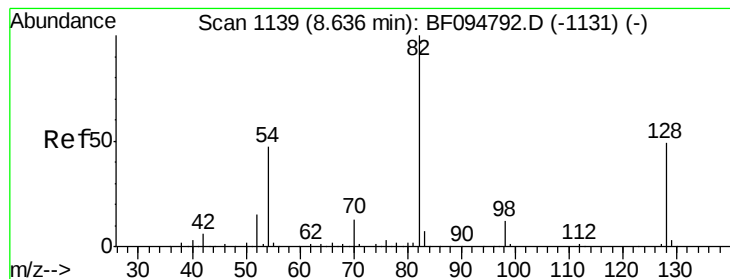
Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.32 ng

RT: 8.62 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF094939.D

Acq: 6 May 2017 3:10

Instrument :

BNA_F

ClientSampleId :

SB-11(13-15)20170502

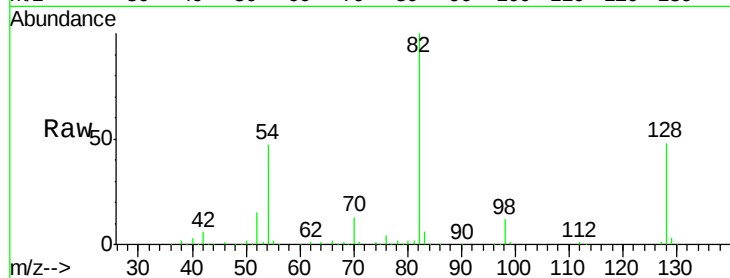
Tgt Ion: 82 Resp: 665162

Ion Ratio Lower Upper

82 100

128 47.7 34.0 51.0

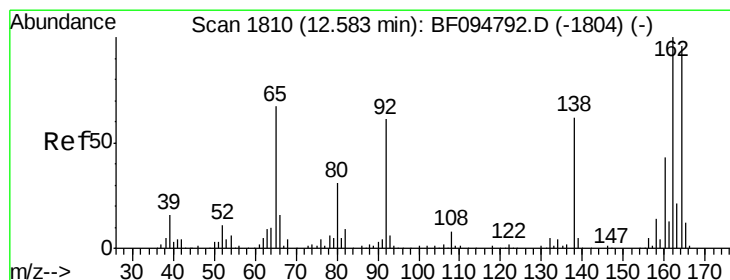
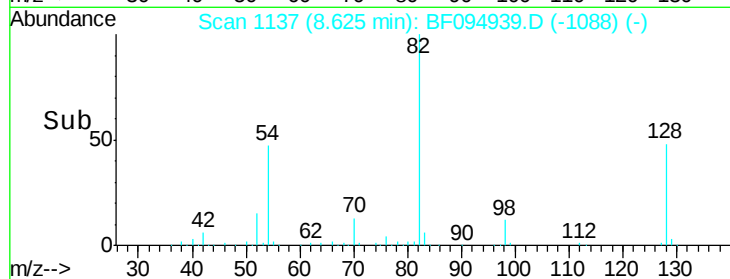
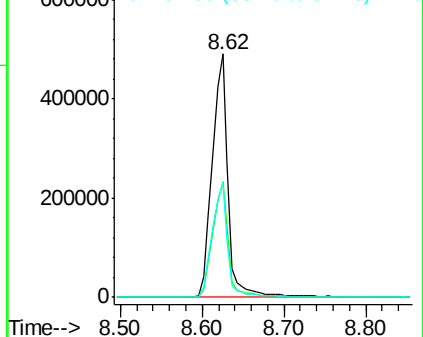
54 47.1 42.2 63.2



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: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094939.D

Acq: 6 May 2017 3:10

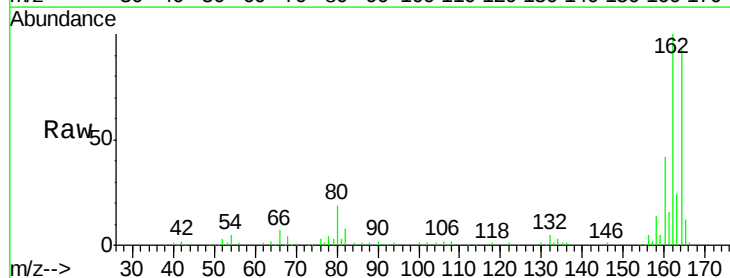
Tgt Ion: 164 Resp: 186445

Ion Ratio Lower Upper

164 100

162 107.8 82.6 123.8

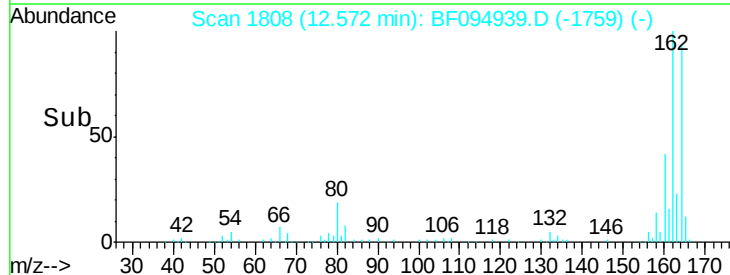
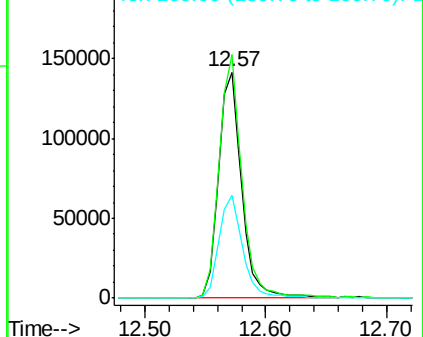
160 45.3 36.2 54.2

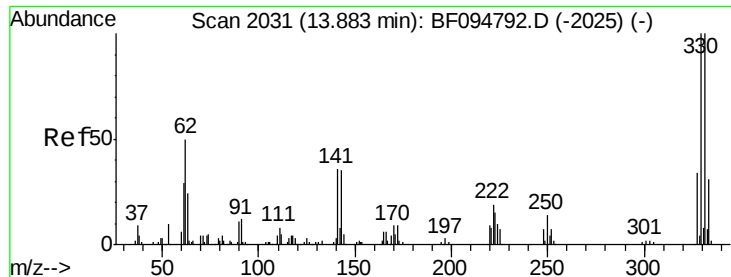


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

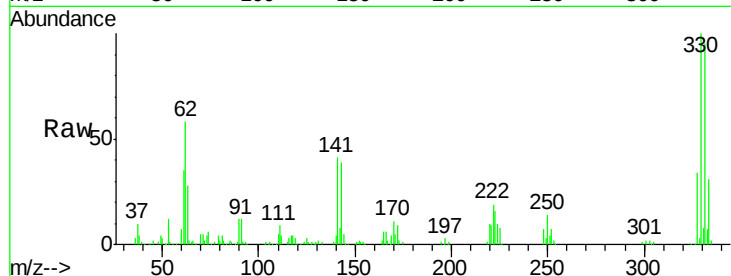




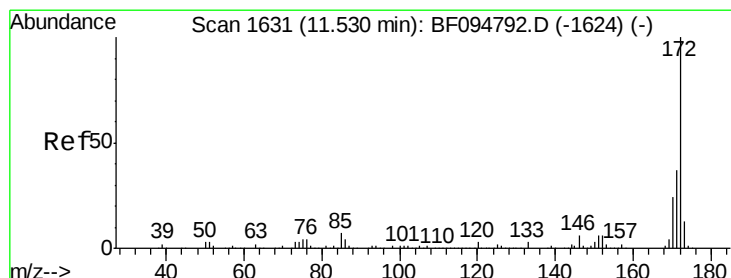
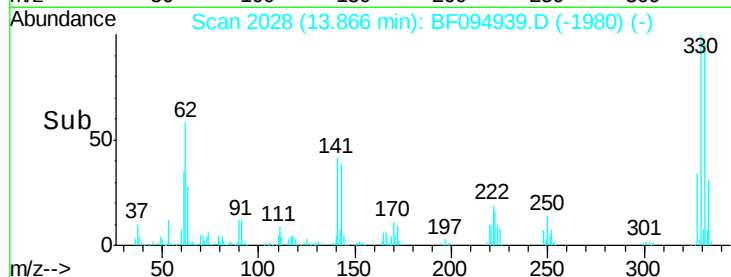
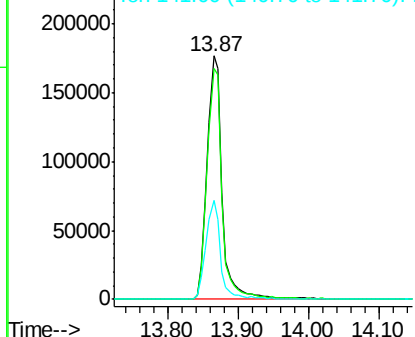
#41
 2,4,6-Tribromophenol
 Concen: 172.91 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094939.D
 Acq: 6 May 2017 3:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(13-15)20170502

Tgt Ion:330 Resp: 264015
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 115.0
 141 39.3 31.4 47.2

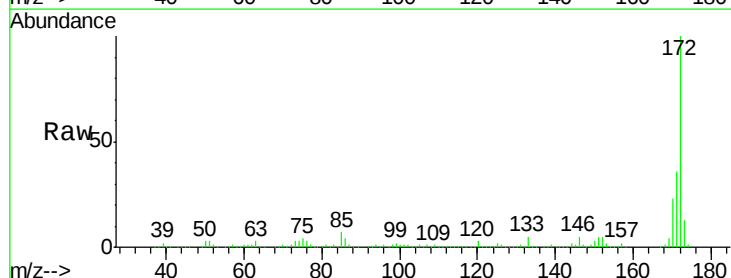


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

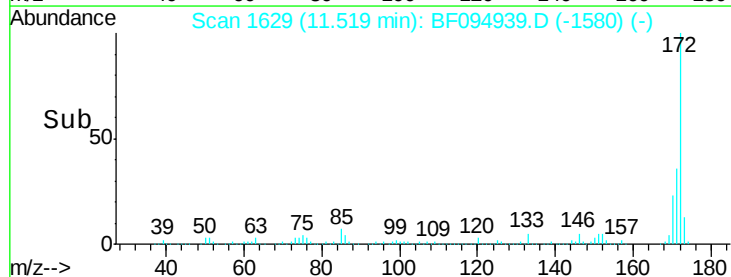
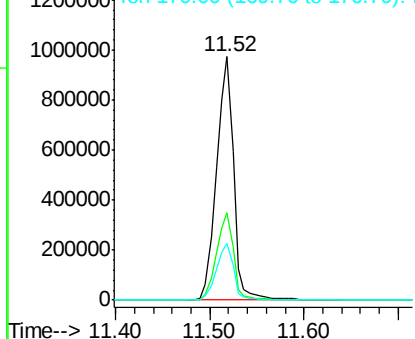


#44
 2-Fluorobiphenyl
 Concen: 95.89 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094939.D
 Acq: 6 May 2017 3:10

Tgt Ion:172 Resp: 1242072
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.3 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: 10.66 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094939.D

Acq: 6 May 2017 3:10

Instrument :

BNA_F

ClientSampleId :

SB-11(13-15)20170502

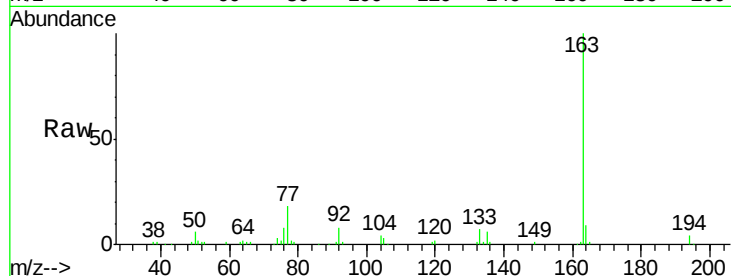
Tgt Ion:163 Resp: 163141

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

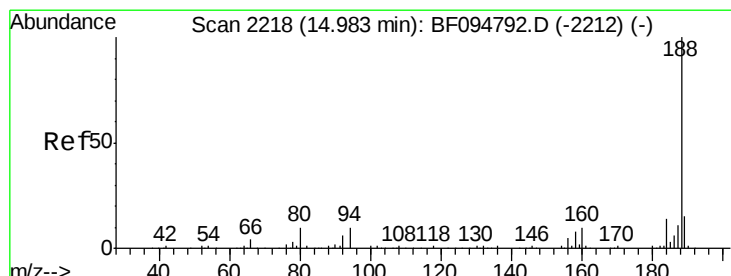
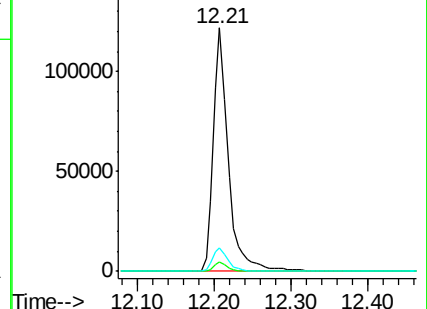
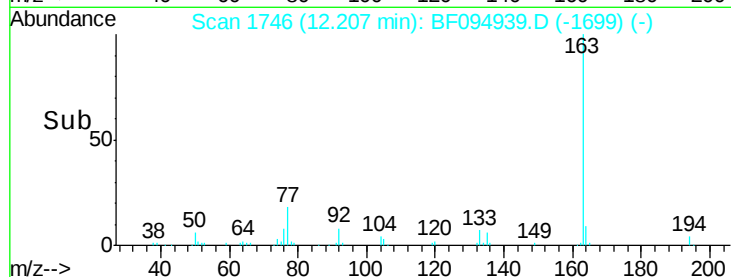
164 9.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.97 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BF094939.D

Acq: 6 May 2017 3:10

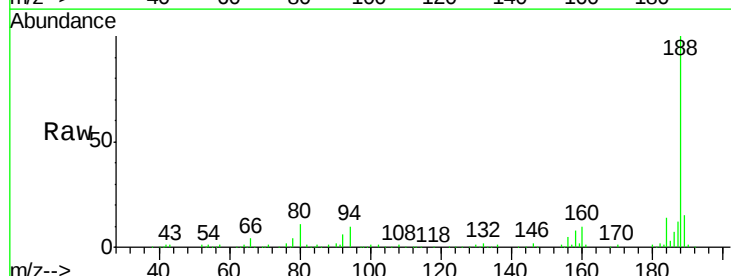
Tgt Ion:188 Resp: 326121

Ion Ratio Lower Upper

188 100

94 9.7 9.4 14.2

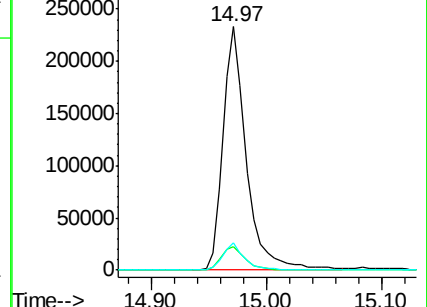
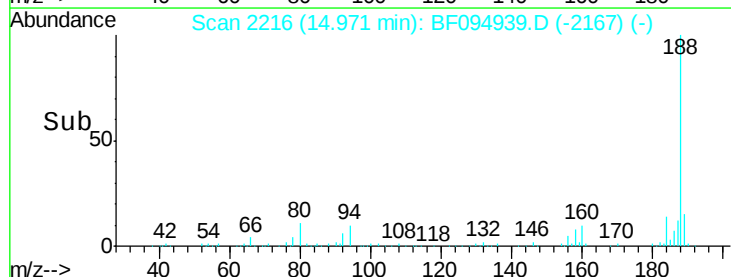
80 11.1 10.2 15.2

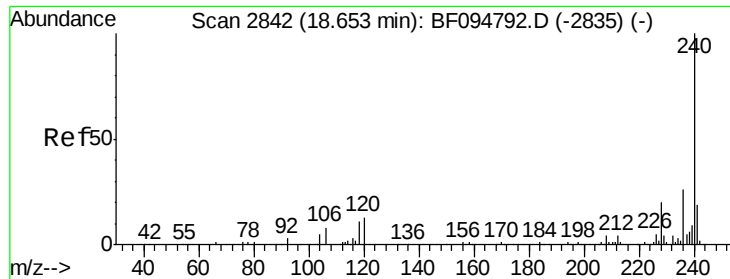


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

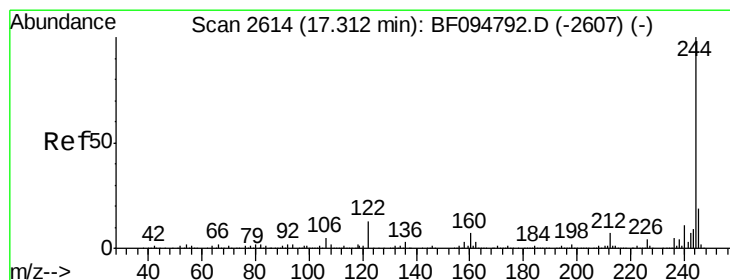
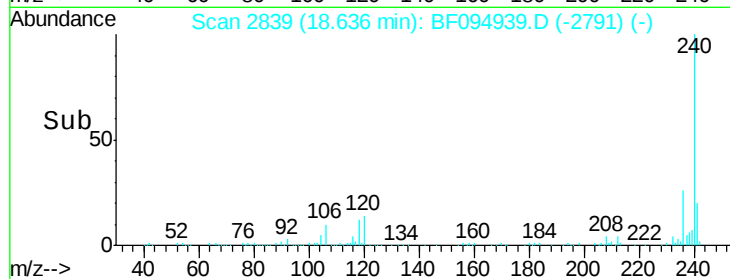
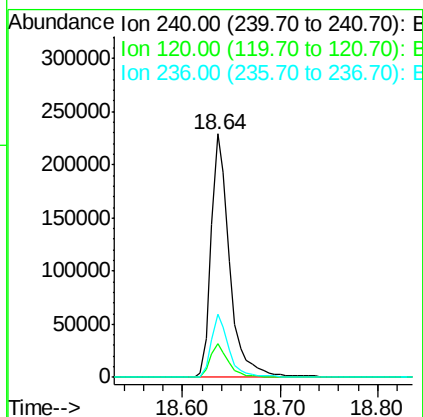
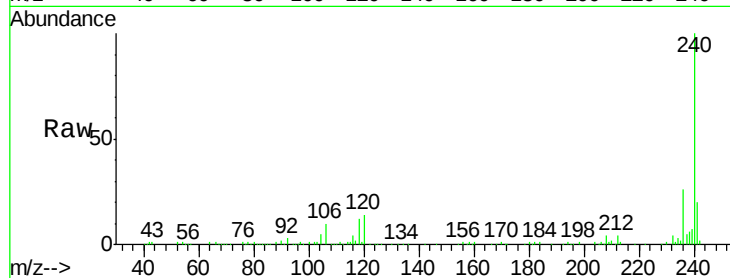




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094939.D
 Acq: 6 May 2017 3:10

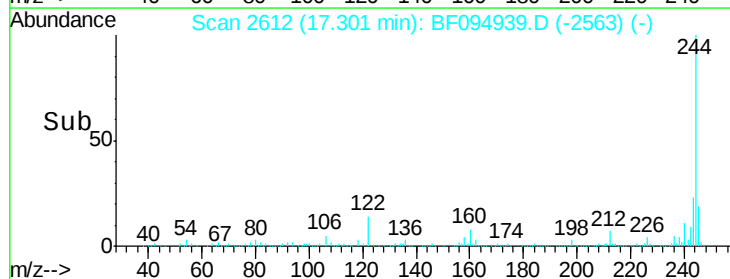
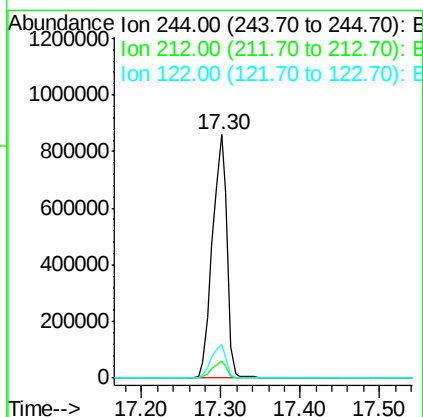
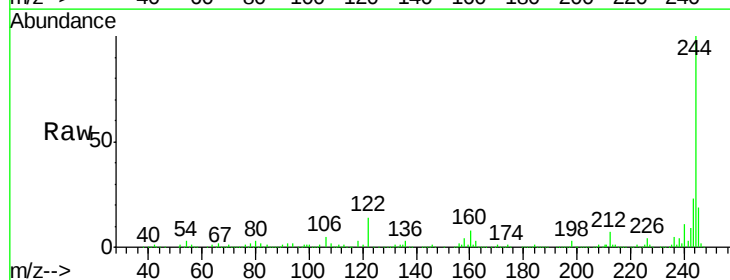
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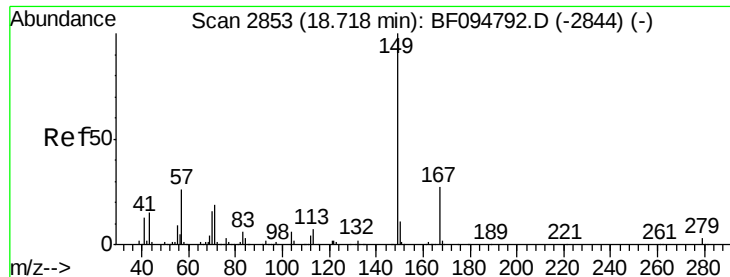
Tgt Ion:240 Resp: 302924
 Ion Ratio Lower Upper
 240 100
 120 14.1 5.8 8.8#
 236 25.7 20.5 30.7



#78
 Terphenyl-d14
 Concen: 80.06 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094939.D
 Acq: 6 May 2017 3:10

Tgt Ion:244 Resp: 1101036
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.7 10.3 15.5

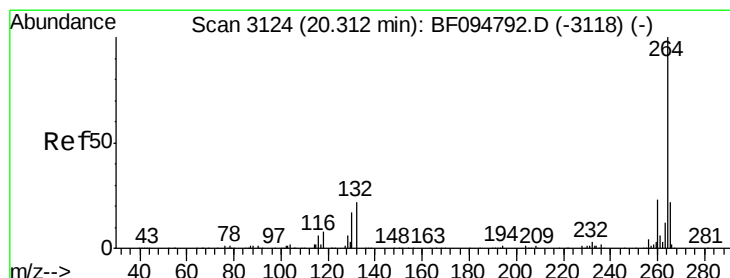
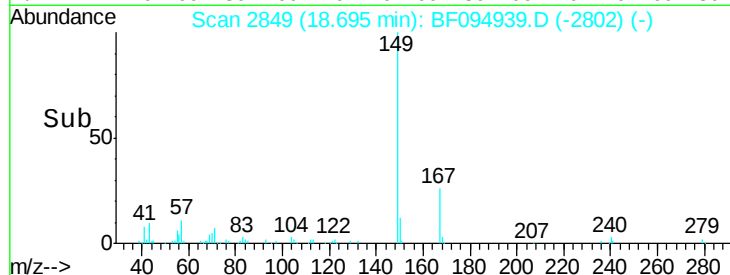
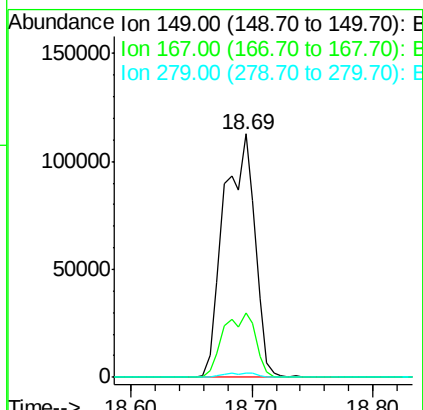
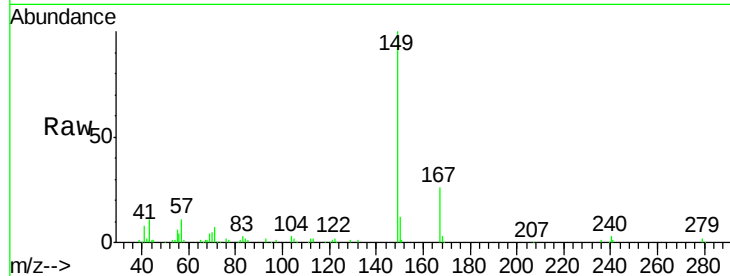




#83
Bis(2-ethylhexyl)phthalate
Concen: 13.38 ng
RT: 18.69 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BF094939.D
Acq: 6 May 2017 3:10

Instrument :
BNA_F
ClientSampleId :
SB-11(13-15)20170502

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.4
279	1.8	1.9	2.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094939.D
Acq: 6 May 2017 3:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	19.8	17.2	25.8

