

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
 Data File : BF094937.D
 Acq On : 6 May 2017 2:05
 Operator : SJ/MA
 Sample : I2950-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(18-20)20170502

Quant Time: May 06 03:59:43 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

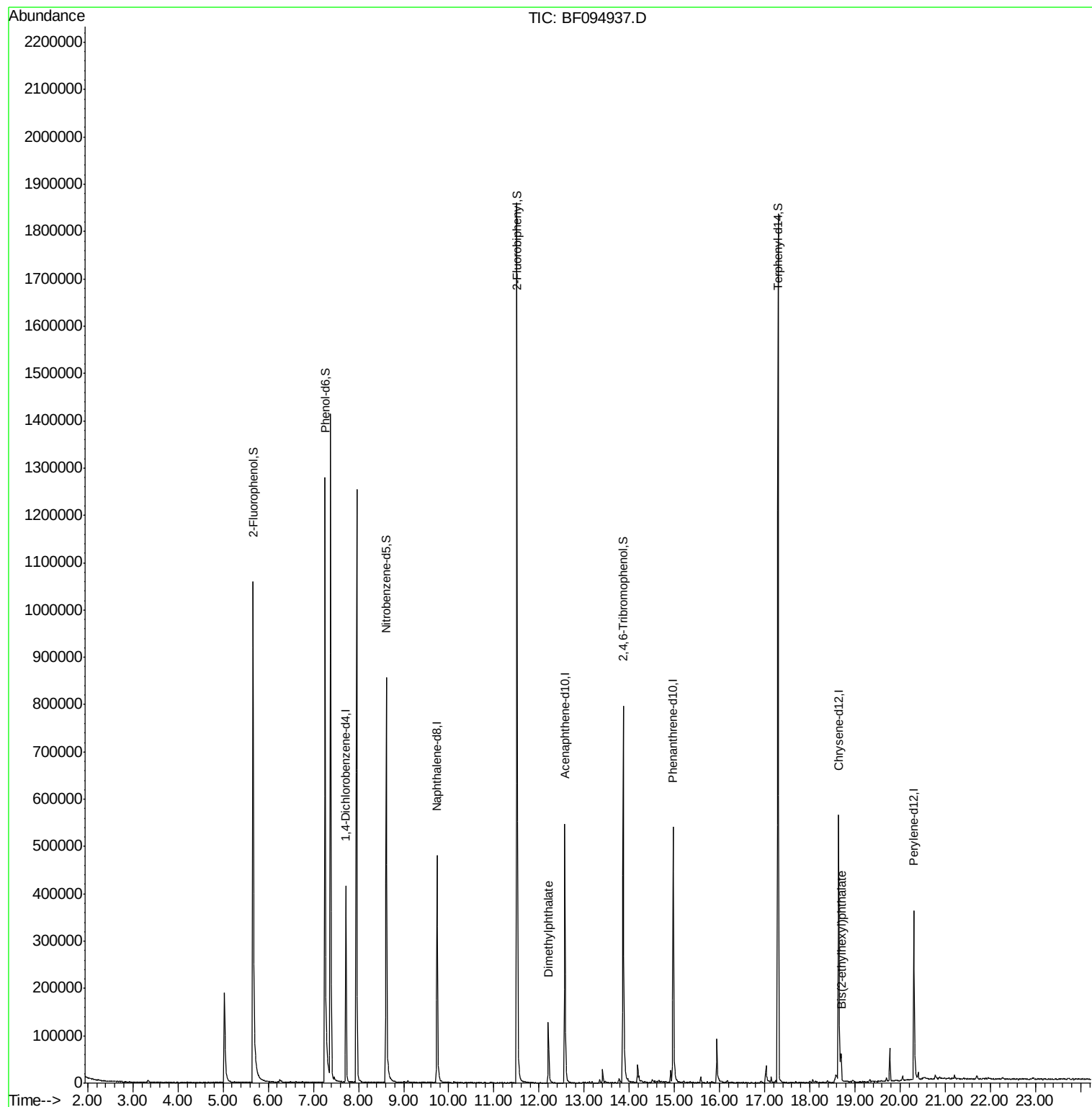
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	88185	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	353389	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	170117	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	318714	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	271744	20.00	ng	-0.02
86) Perylene-d12	20.31	264	203292	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	541796	102.43	ng	-0.01
7) Phenol-d6	7.26	99	691742	109.00	ng	-0.02
23) Nitrobenzene-d5	8.62	82	409961	73.15	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	150102	107.74	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	842227	71.26	ng	-0.02
78) Terphenyl-d14	17.29	244	741932	60.14	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.21	163	95312	6.82	ng	Qvalue 97
83) Bis(2-ethylhexyl)phthalate	18.69	149	40773	3.03	ng	# 97

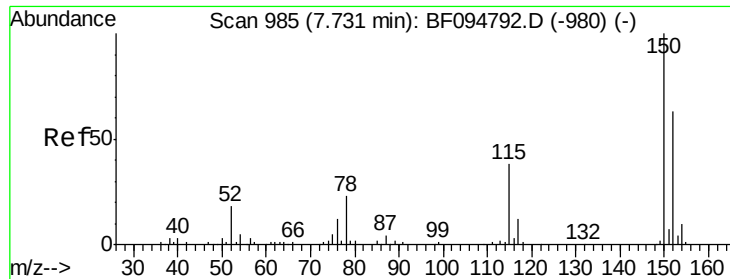
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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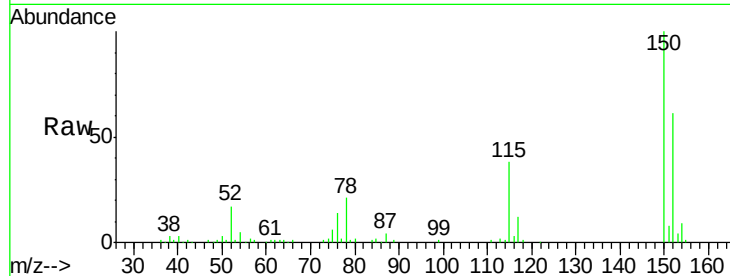


#1

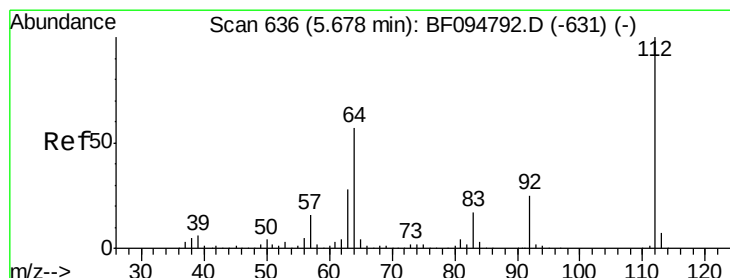
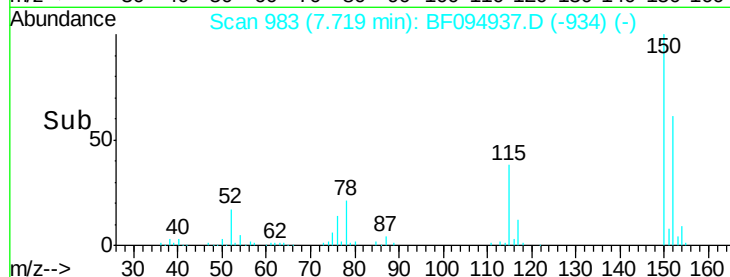
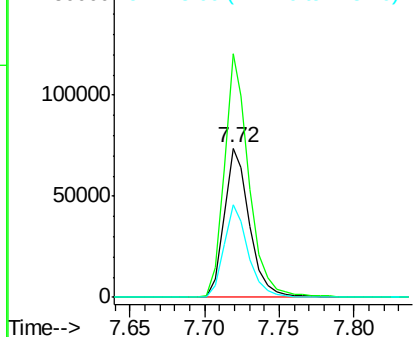
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094937.D
Acq: 6 May 2017 2:05

Instrument :
BNA_F
ClientSampleId :
SB-10(18-20)20170502

Tgt Ion:152 Resp: 88185
Ion Ratio Lower Upper
152 100
150 163.1 126.2 189.2
115 62.0 52.2 78.2



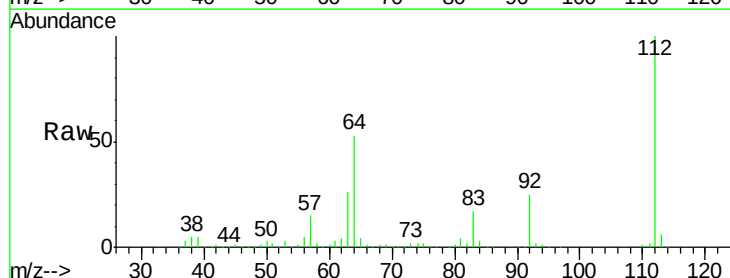
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



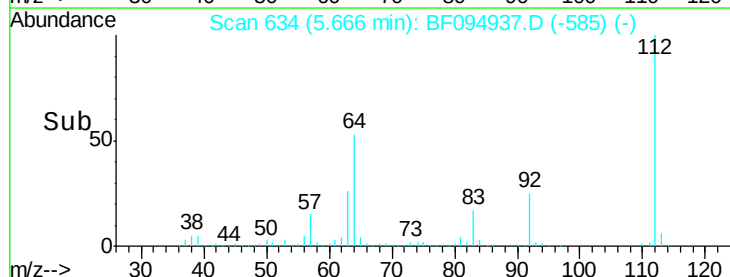
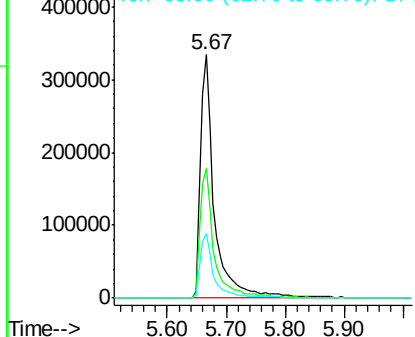
#5

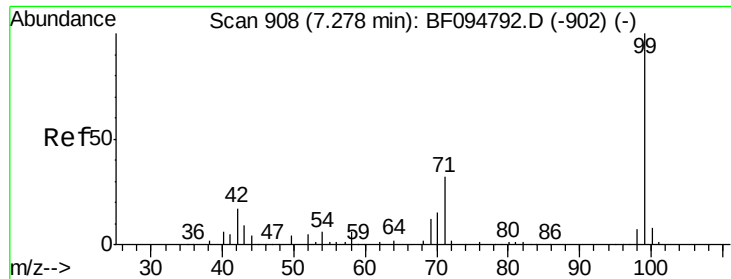
2-Fluorophenol
Concen: 102.43 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094937.D
Acq: 6 May 2017 2:05

Tgt Ion:112 Resp: 541796
Ion Ratio Lower Upper
112 100
64 53.4 46.0 69.0
63 26.5 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: 109.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094937.D

Acq: 6 May 2017 2:05

Instrument :

BNA_F

ClientSampleId :

SB-10(18-20)20170502

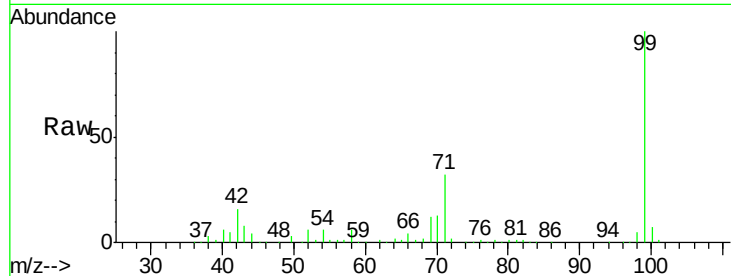
Tgt Ion: 99 Resp: 691742

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

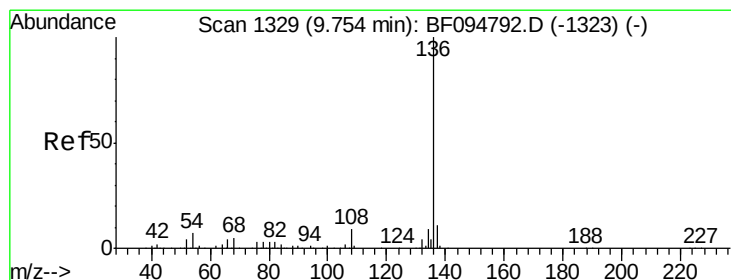
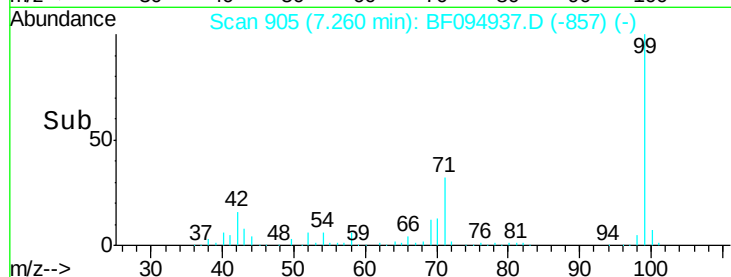
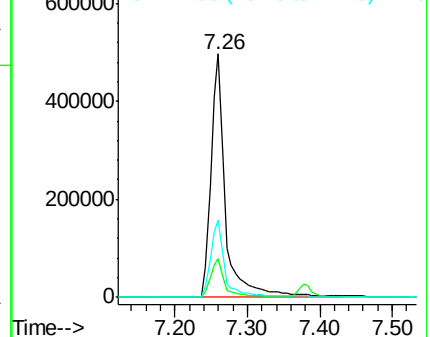
71 31.8 24.5 36.7



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: BF094937.D

Acq: 6 May 2017 2:05

Tgt Ion: 136 Resp: 353389

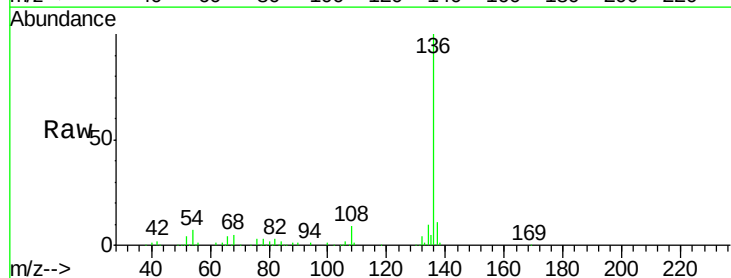
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.6 4.9 7.3

68 5.4 4.1 6.1

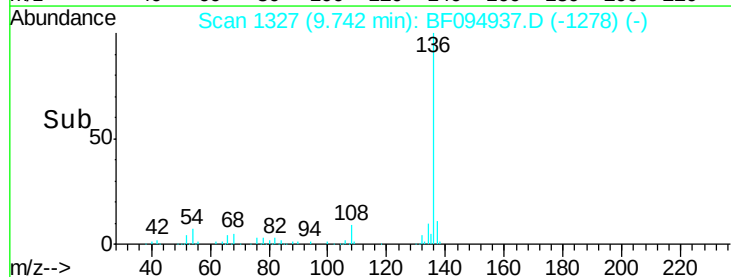
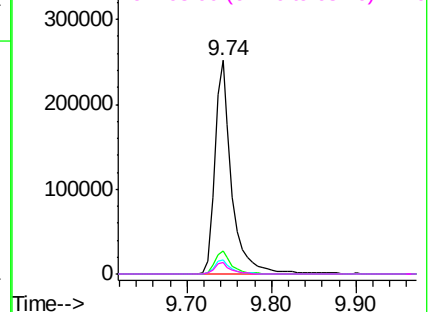


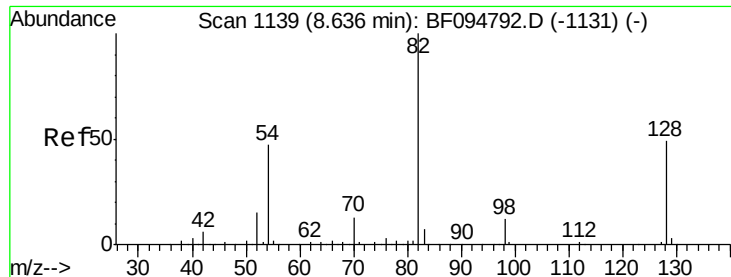
Abundance Ion 136.00 (135.70 to 136.70): E

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

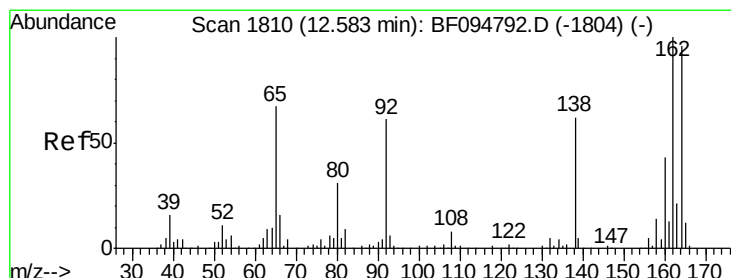
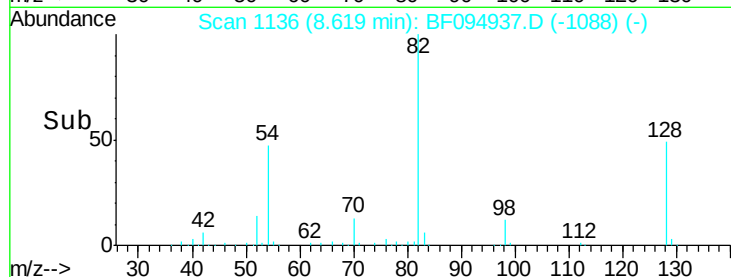
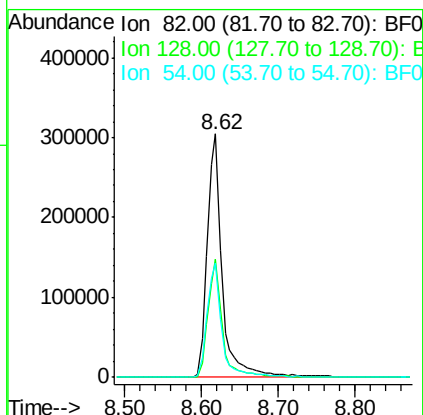
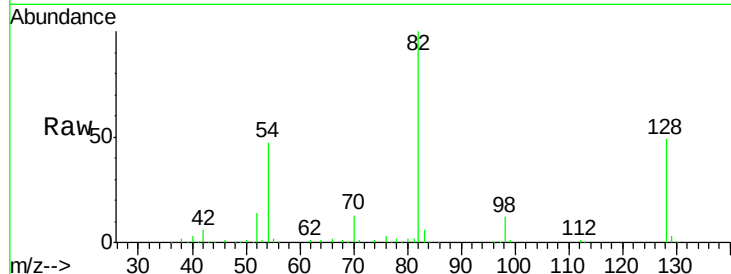




#23
 Nitrobenzene-d5
 Concen: 73.15 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094937.D
 Acq: 6 May 2017 2:05

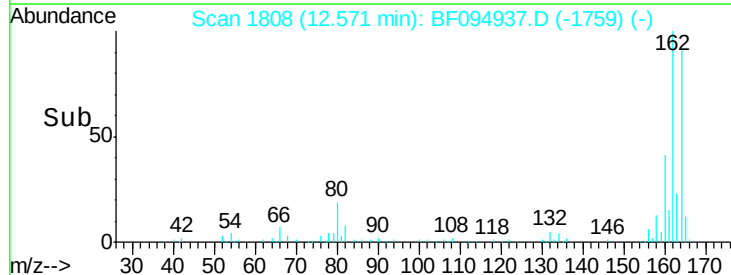
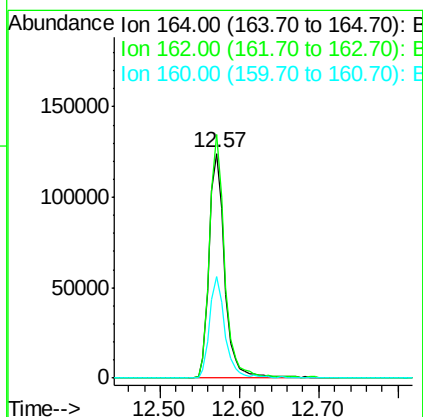
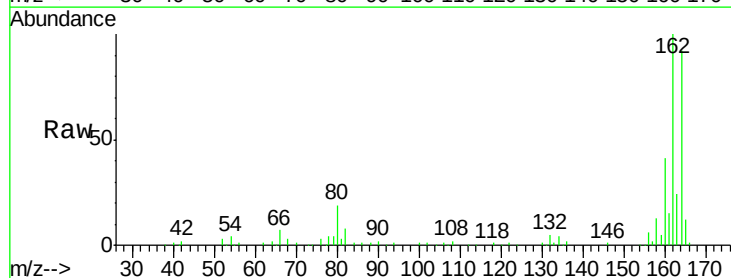
Instrument :
 BNA_F
 ClientSampleId :
 SB-10(18-20)20170502

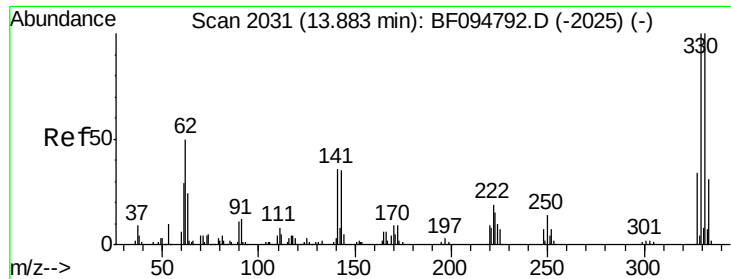
Tgt Ion: 82 Resp: 409961
 Ion Ratio Lower Upper
 82 100
 128 48.6 34.0 51.0
 54 47.0 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094937.D
 Acq: 6 May 2017 2:05

Tgt Ion: 164 Resp: 170117
 Ion Ratio Lower Upper
 164 100
 162 108.4 82.6 123.8
 160 44.9 36.2 54.2

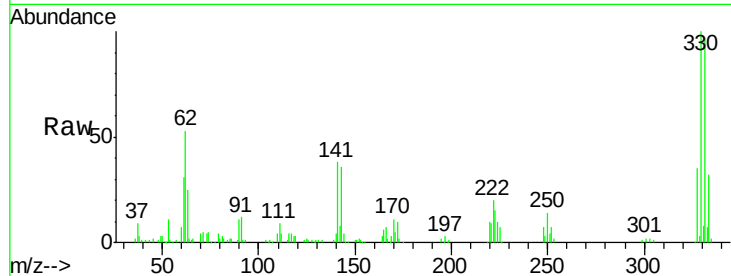




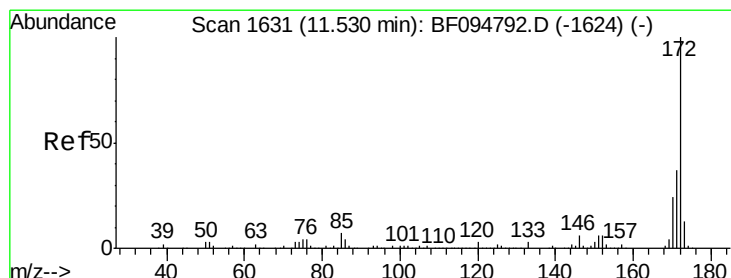
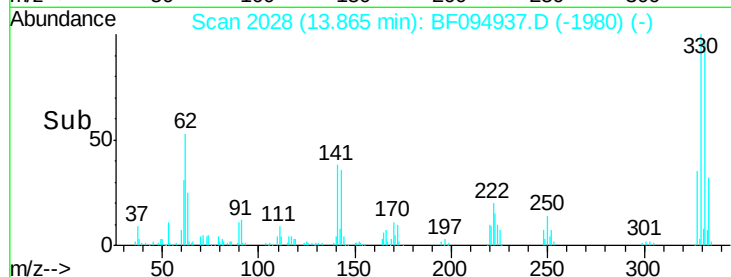
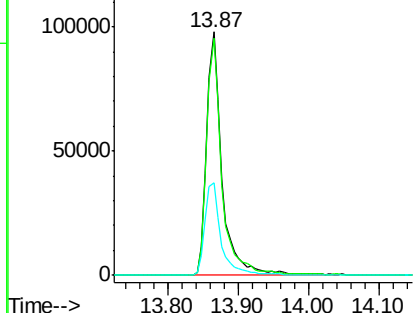
#41
 2,4,6-Tribromophenol
 Concen: 107.74 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094937.D
 Acq: 6 May 2017 2:05

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(18-20)20170502

Tgt Ion: 330 Resp: 150102
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 39.9 31.4 47.2

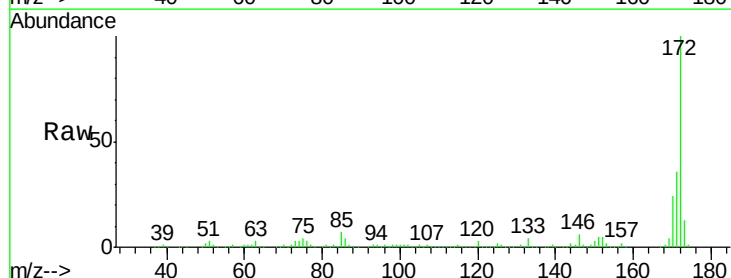


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

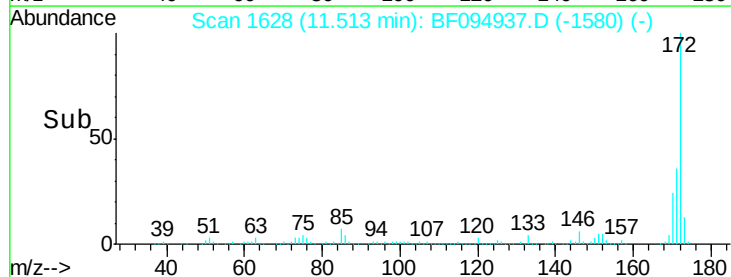
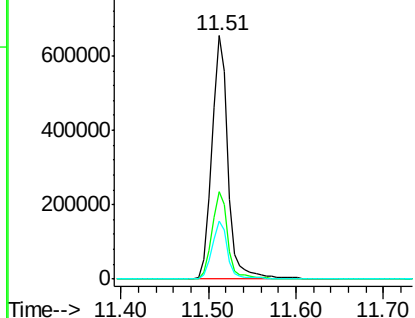


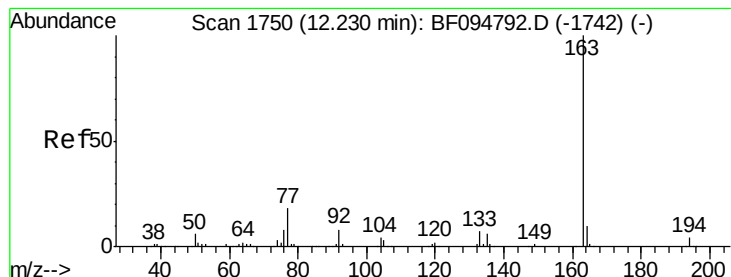
#44
 2-Fluorobiphenyl
 Concen: 71.26 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094937.D
 Acq: 6 May 2017 2:05

Tgt Ion: 172 Resp: 842227
 Ion Ratio Lower Upper
 172 100
 171 35.8 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





#49

Dimethylphthalate

Concen: 6.82 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094937.D

Acq: 6 May 2017 2:05

Instrument :

BNA_F

ClientSampleId :

SB-10(18-20)20170502

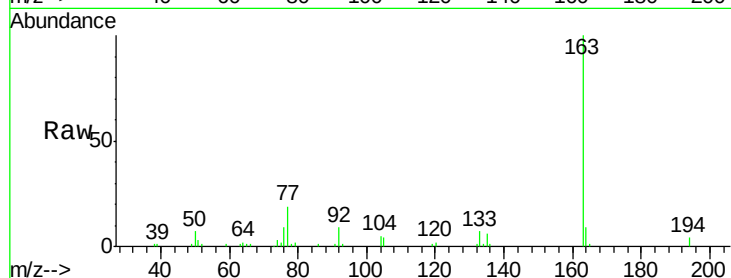
Tgt Ion:163 Resp: 95312

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

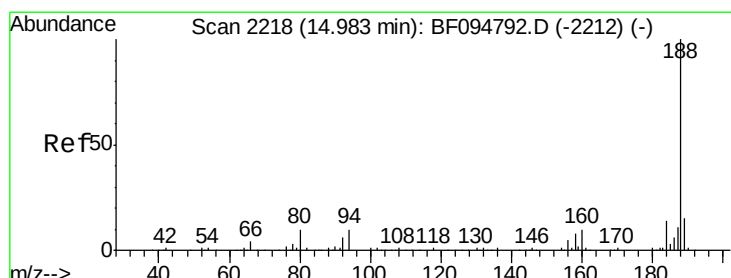
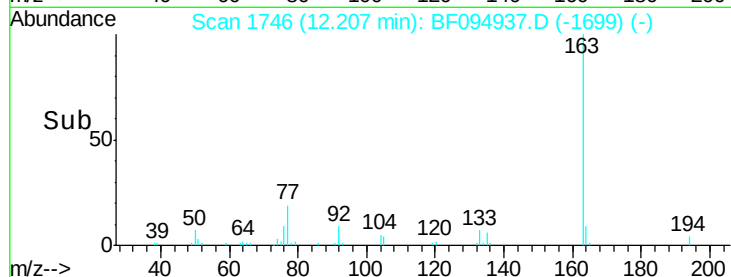
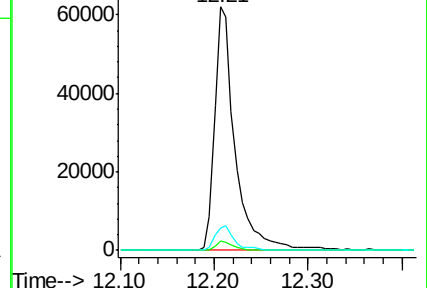
164 9.2 8.4 12.6



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: BF094937.D

Acq: 6 May 2017 2:05

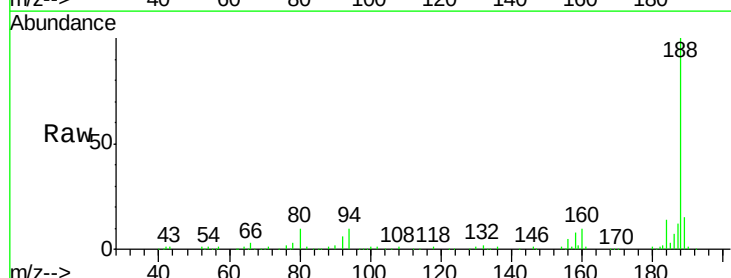
Tgt Ion:188 Resp: 318714

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

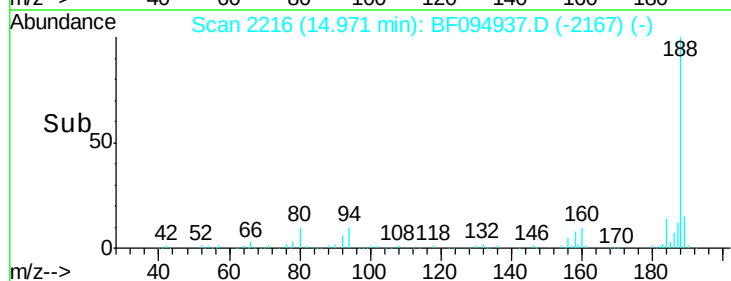
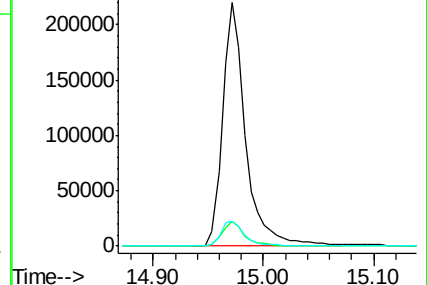
80 10.2 10.2 15.2

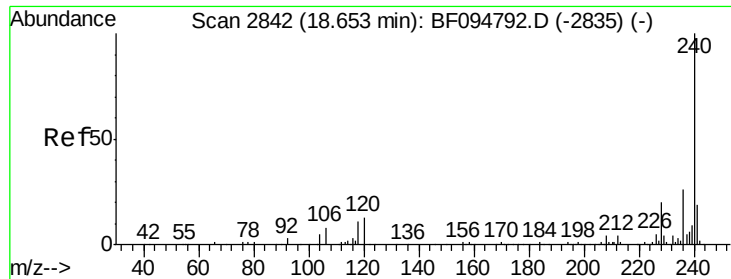


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

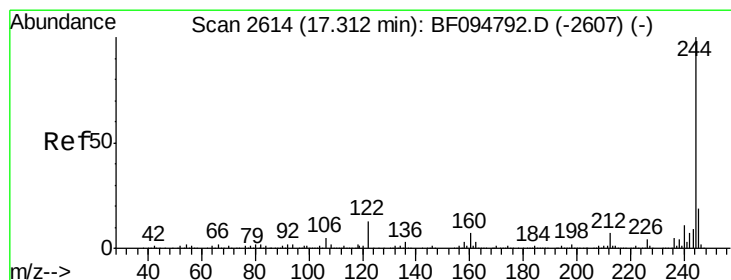
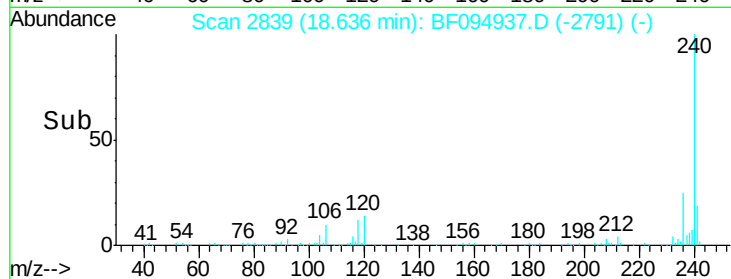
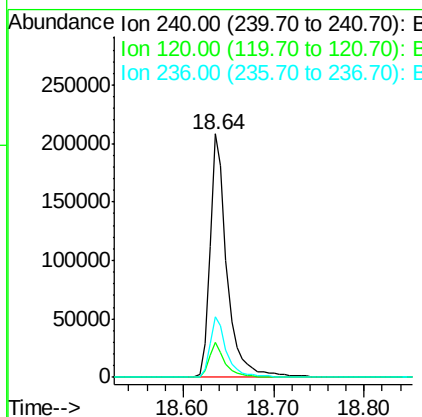
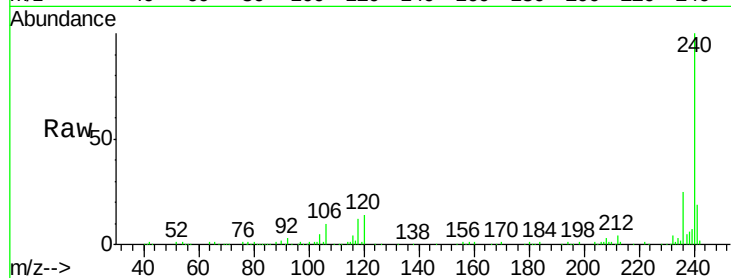




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094937.D
 Acq: 6 May 2017 2:05

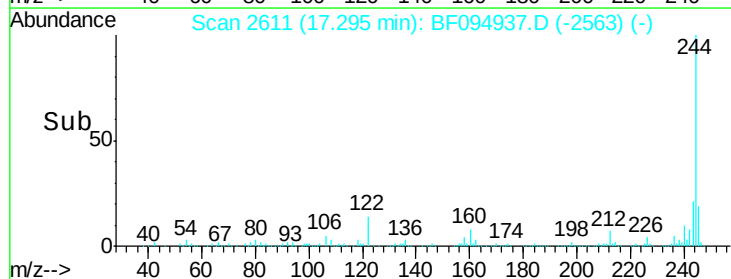
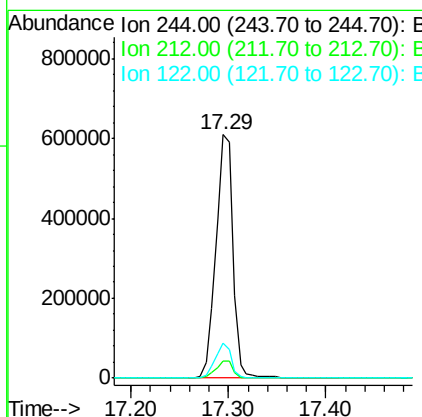
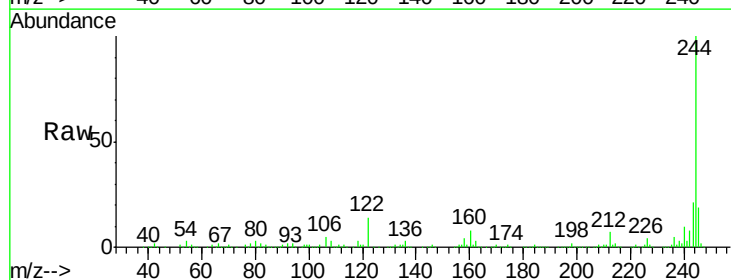
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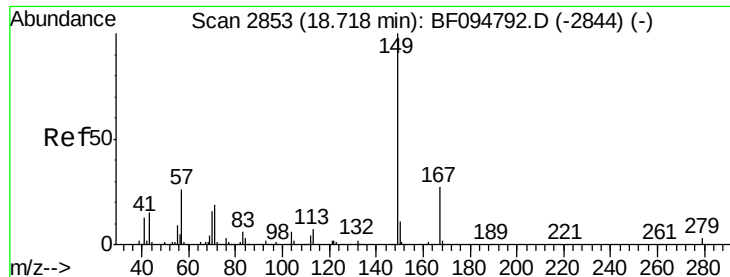
Tgt Ion:240 Resp: 271744
 Ion Ratio Lower Upper
 240 100
 120 14.3 5.8 8.8#
 236 24.8 20.5 30.7



#78
 Terphenyl-d14
 Concen: 60.14 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094937.D
 Acq: 6 May 2017 2:05

Tgt Ion:244 Resp: 741932
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.3 10.3 15.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.03 ng

RT: 18.69 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BF094937.D

Acq: 6 May 2017 2:05

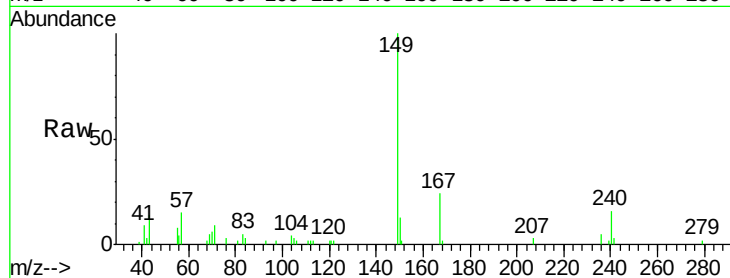
Instrument :

BNA_F

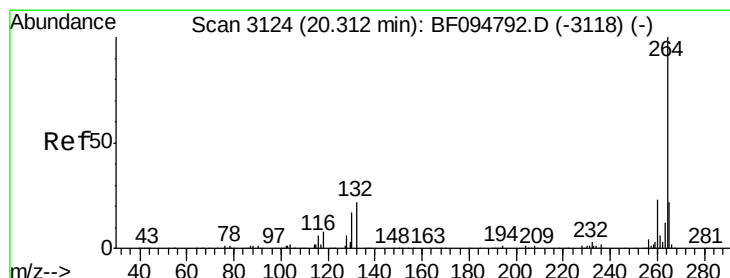
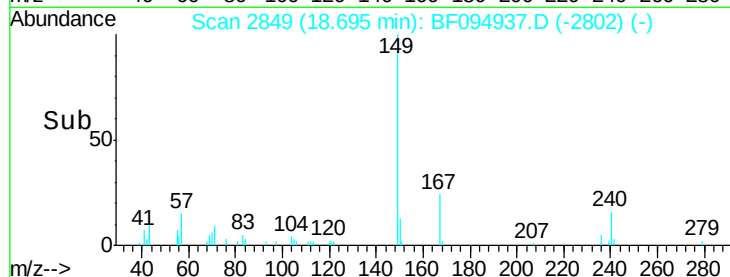
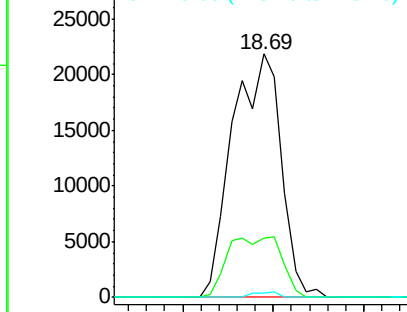
ClientSampleId :

SB-10(18-20)20170502

Tgt Ion:	149	Resp:	40773
Ion Ratio	Lower	Upper	
149	100		
167	24.4	21.0	31.4
279	1.8	1.9	2.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

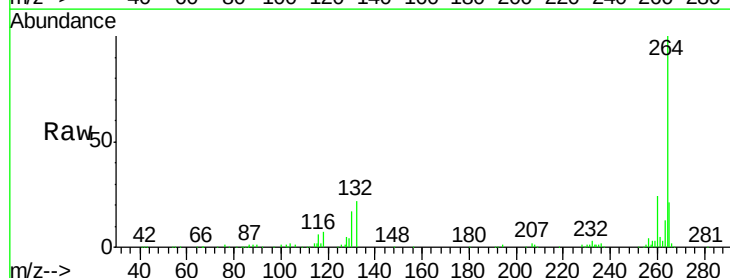
RT: 20.31 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BF094937.D

Acq: 6 May 2017 2:05

Tgt Ion:	264	Resp:	203292
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.5	29.3
265	20.6	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

