

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094888.D
 Acq On : 4 May 2017 22:47
 Operator : SJ/MA
 Sample : I2916-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP(0-2)

Quant Time: May 05 03:53:32 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

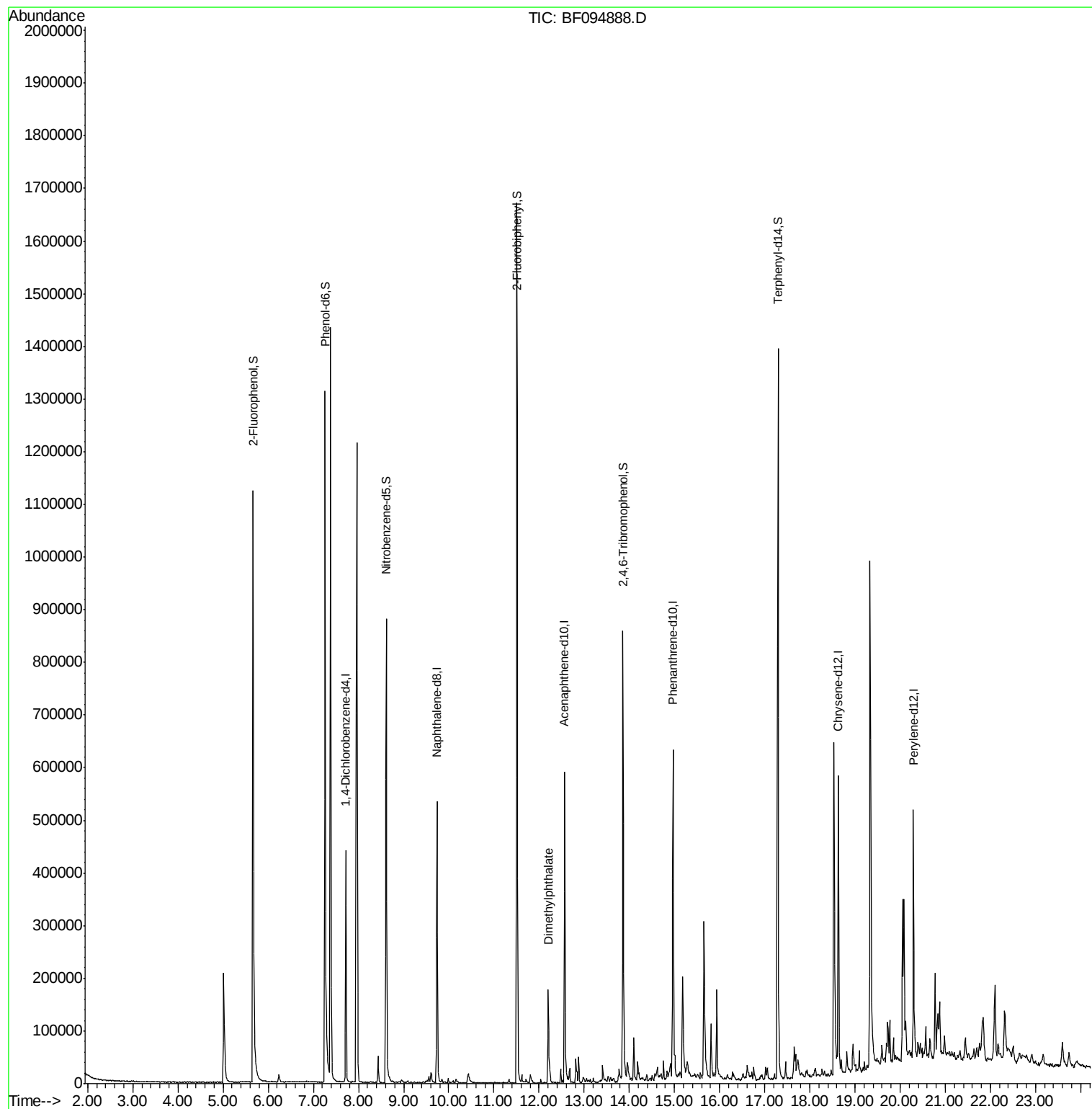
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	88958	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	359263	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	171890	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	311660	20.00	ng	-0.01
75) Chrysene-d12	18.63	240	238286	20.00	ng	-0.02
86) Perylene-d12	20.29	264	189631	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	554890	104.00	ng	-0.01
7) Phenol-d6	7.26	99	704237	110.00	ng	-0.02
23) Nitrobenzene-d5	8.61	82	400938	70.37	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	144104	102.37	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	693305	58.05	ng	-0.02
78) Terphenyl-d14	17.29	244	495391	45.79	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.21	163	108741	7.71	ng	Qvalue 98

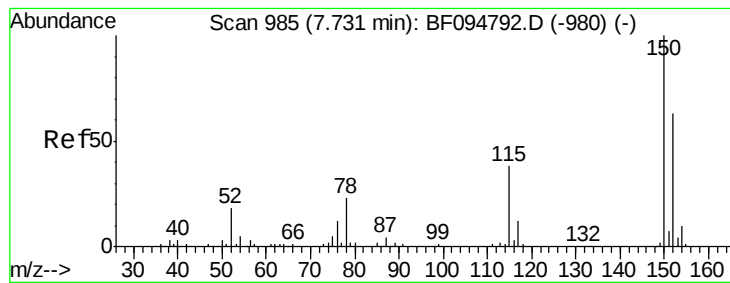
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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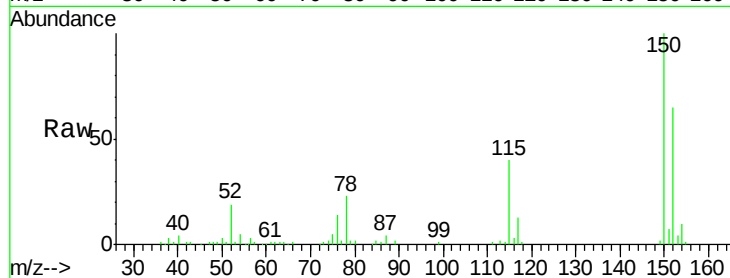


#1

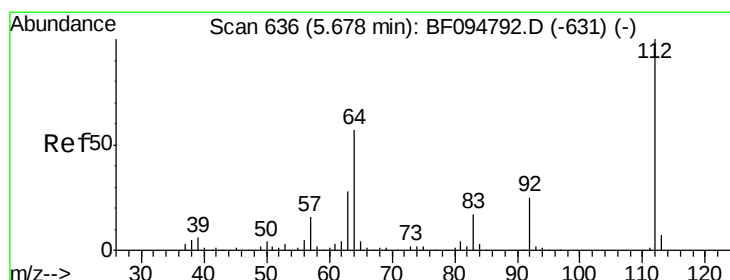
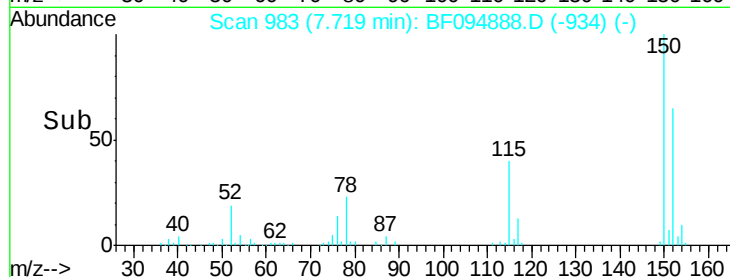
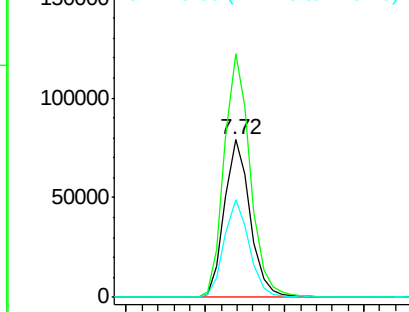
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094888.D
Acq: 4 May 2017 22:47

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP(0-2)

Tgt Ion:152 Resp: 88958
Ion Ratio Lower Upper
152 100
150 154.3 126.2 189.2
115 61.5 52.2 78.2



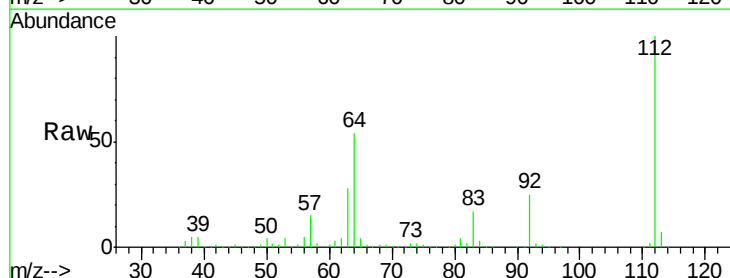
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



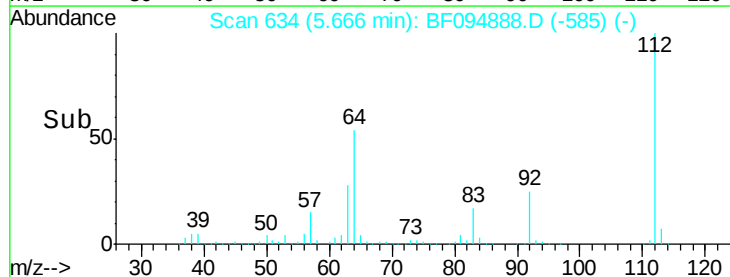
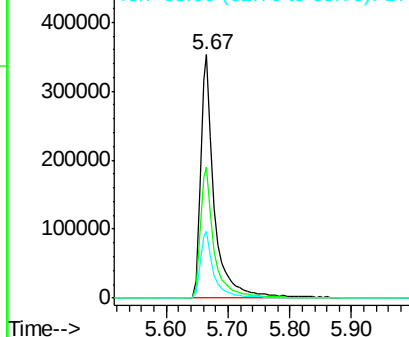
#5

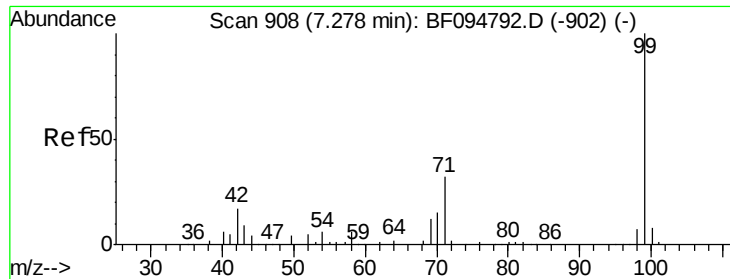
2-Fluorophenol
Concen: 104.00 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094888.D
Acq: 4 May 2017 22:47

Tgt Ion:112 Resp: 554890
Ion Ratio Lower Upper
112 100
64 53.7 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: 110.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094888.D

Acq: 4 May 2017 22:47

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP(0-2)

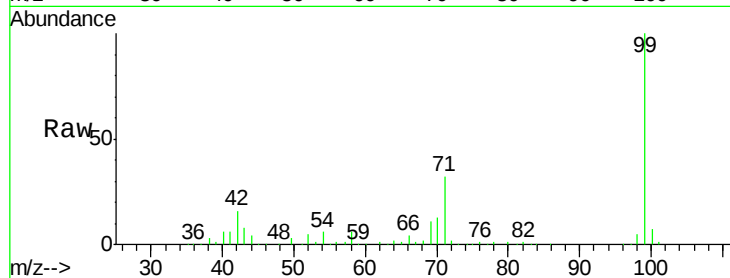
Tgt Ion: 99 Resp: 704237

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

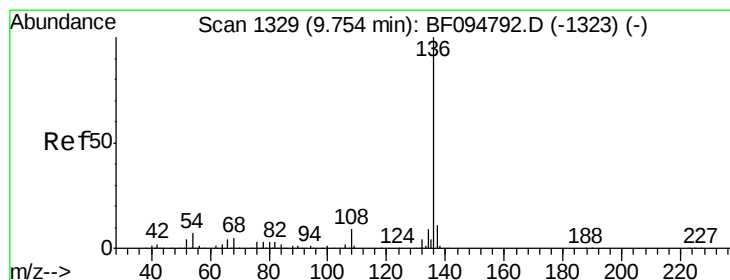
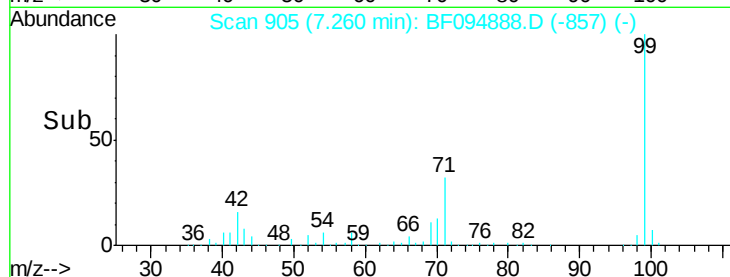
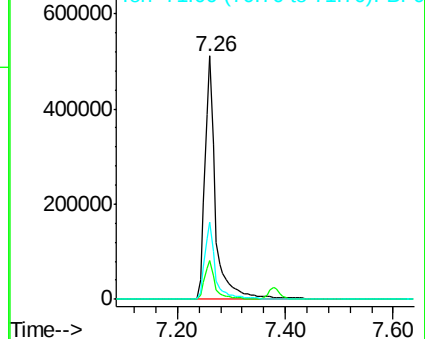
71 31.7 24.5 36.7



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: BF094888.D

Acq: 4 May 2017 22:47

Tgt Ion: 136 Resp: 359263

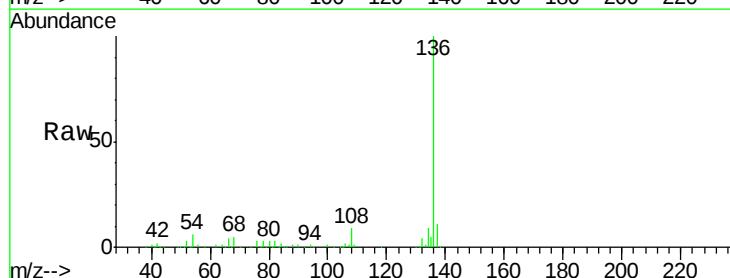
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.1 4.9 7.3

68 5.2 4.1 6.1

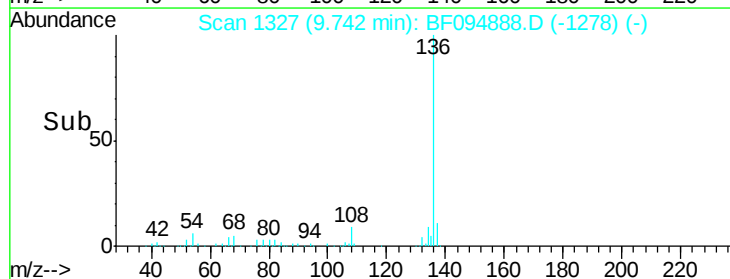
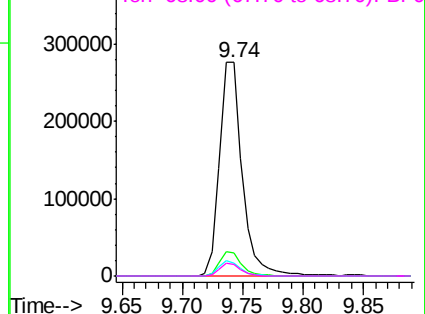


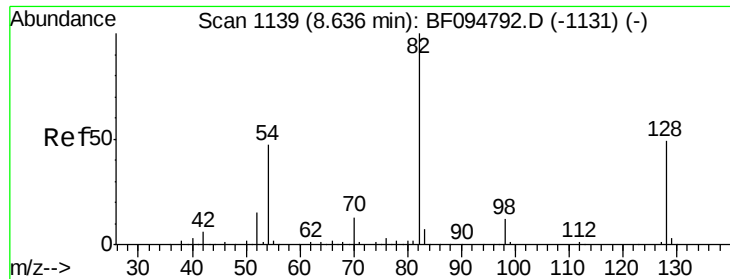
Abundance Ion 136.00 (135.70 to 136.70): E

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

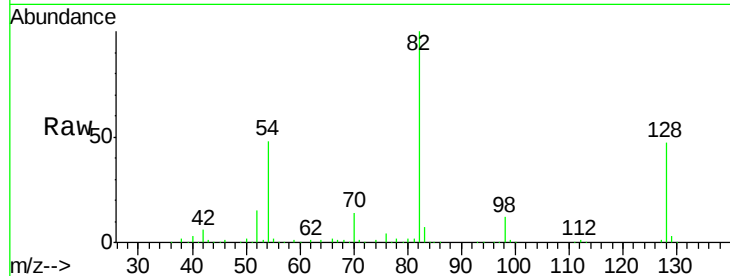




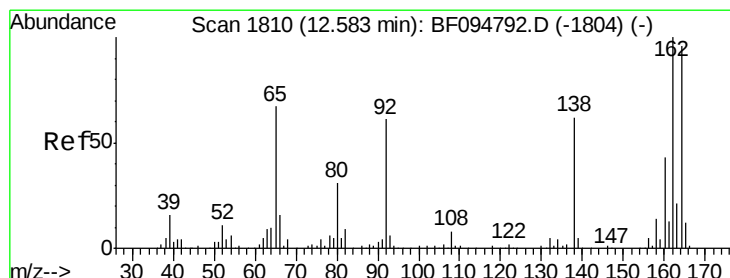
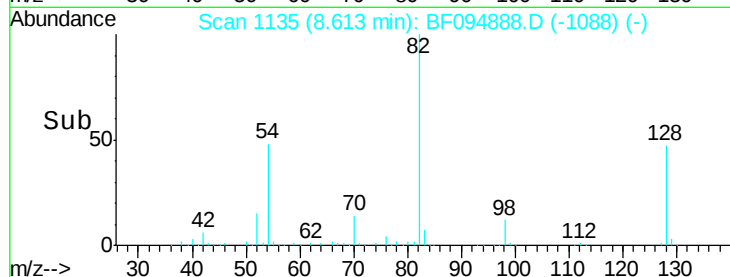
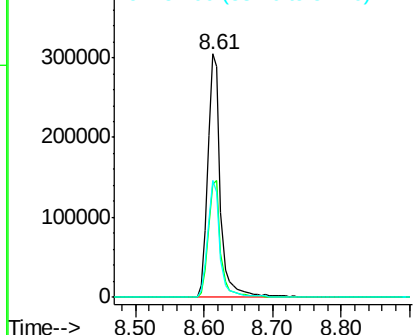
#23
 Nitrobenzene-d5
 Concen: 70.37 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF094888.D
 Acq: 4 May 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP(0-2)

Tgt Ion: 82 Resp: 400938
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.0 51.0
 54 48.1 42.2 63.2

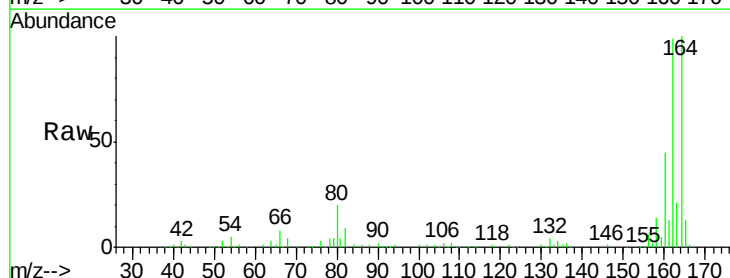


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

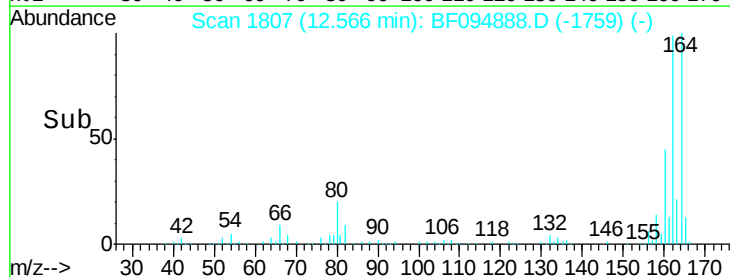
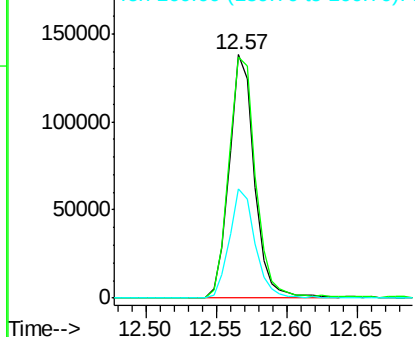


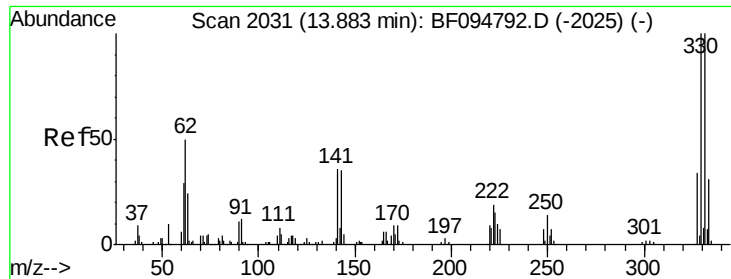
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1807
 Delta R.T. -0.02 min
 Lab File: BF094888.D
 Acq: 4 May 2017 22:47

Tgt Ion: 164 Resp: 171890
 Ion Ratio Lower Upper
 164 100
 162 99.0 82.6 123.8
 160 44.9 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

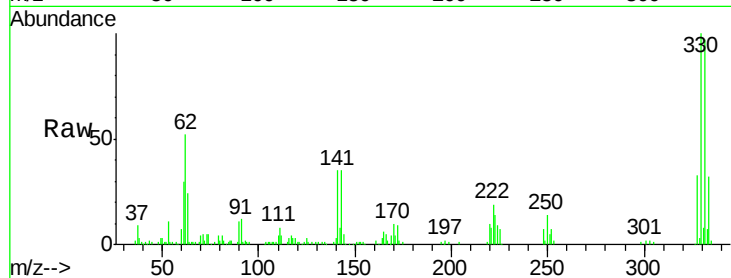




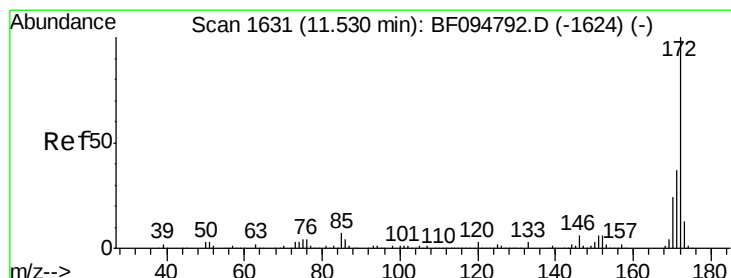
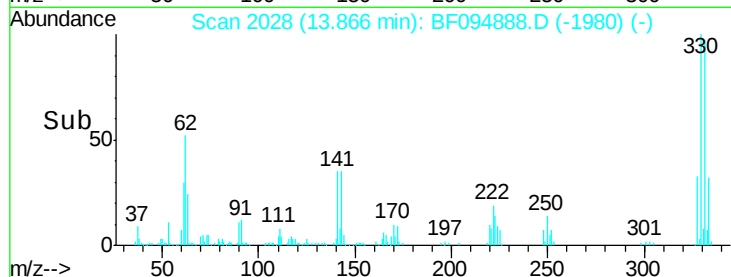
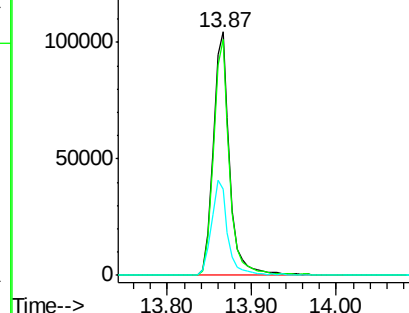
#41
 2,4,6-Tribromophenol
 Concen: 102.37 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094888.D
 Acq: 4 May 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP(0-2)

Tgt Ion:330 Resp: 144104
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 115.0
 141 38.4 31.4 47.2

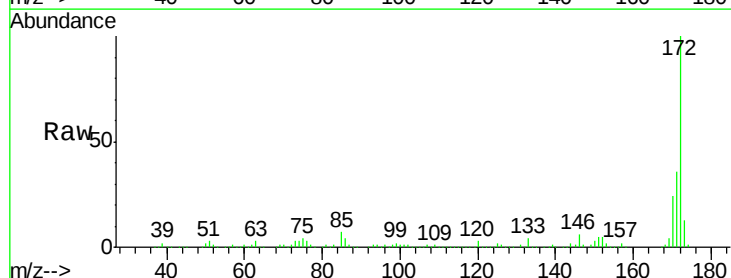


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

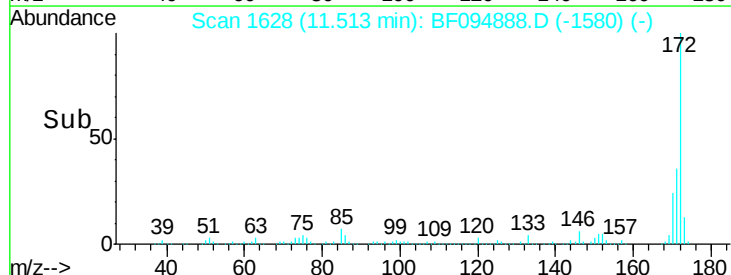
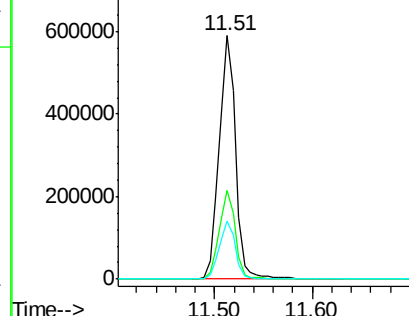


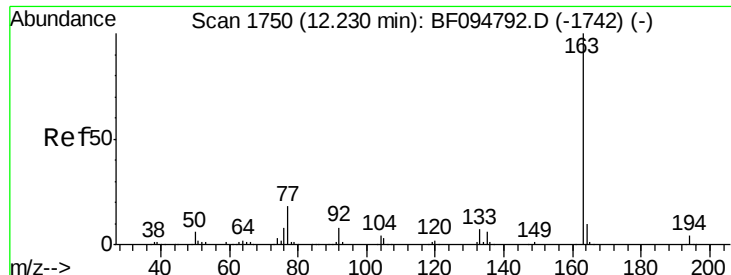
#44
 2-Fluorobiphenyl
 Concen: 58.05 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094888.D
 Acq: 4 May 2017 22:47

Tgt Ion:172 Resp: 693305
 Ion Ratio Lower Upper
 172 100
 171 36.2 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: 7.71 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094888.D

Acq: 4 May 2017 22:47

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP(0-2)

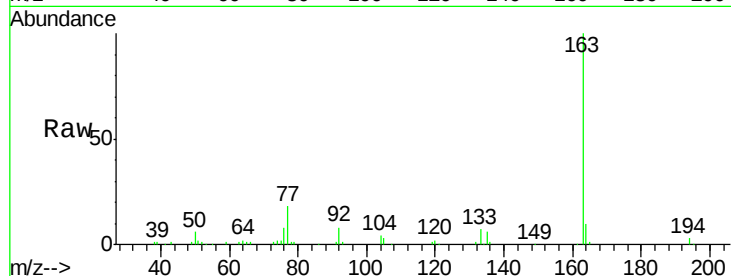
Tgt Ion:163 Resp: 108741

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

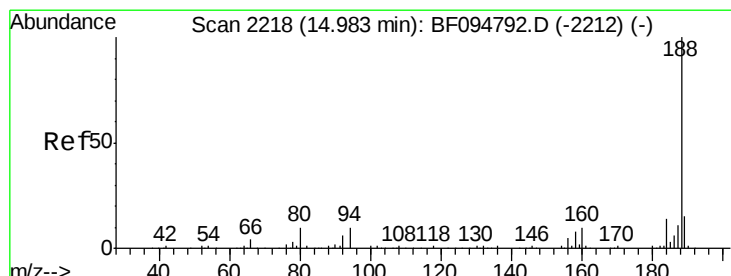
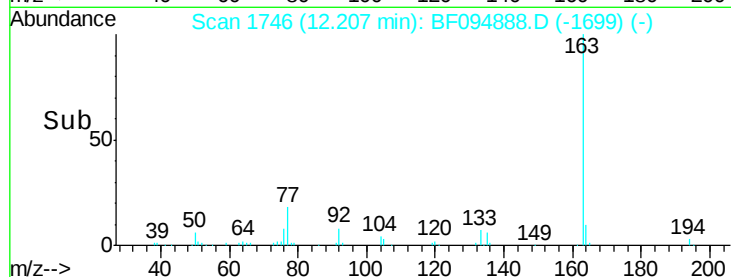
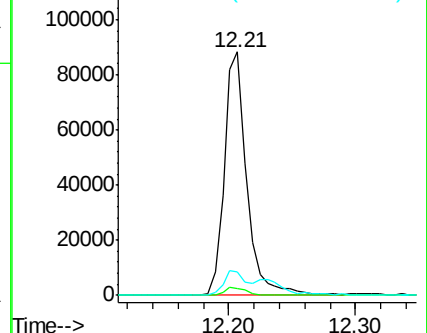
164 9.6 8.4 12.6



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: BF094888.D

Acq: 4 May 2017 22:47

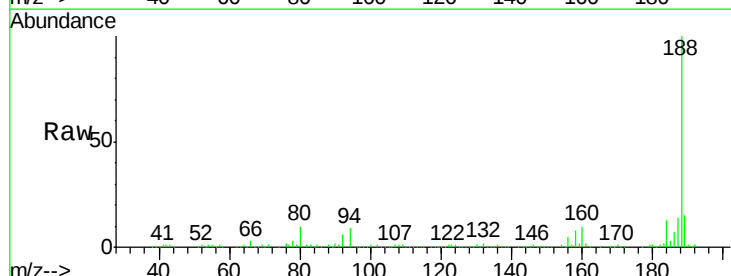
Tgt Ion:188 Resp: 311660

Ion Ratio Lower Upper

188 100

94 9.3 9.4 14.2#

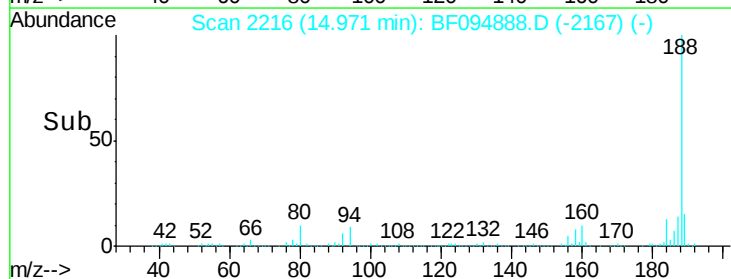
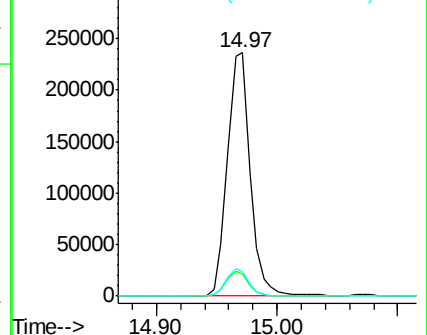
80 10.4 10.2 15.2

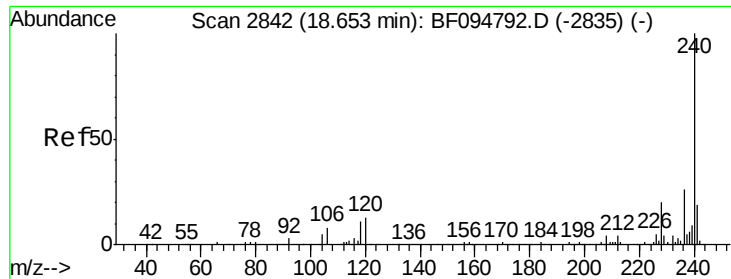


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.63 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BF094888.D

Acq: 4 May 2017 22:47

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP(0-2)

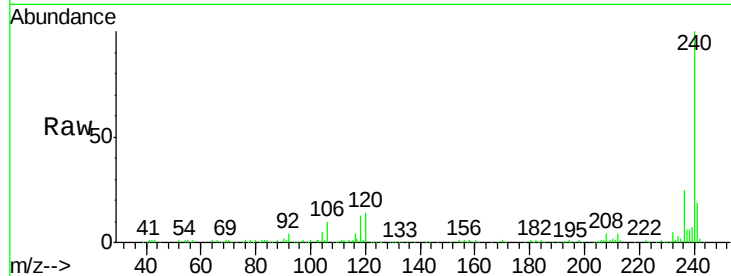
Tgt Ion:240 Resp: 238286

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

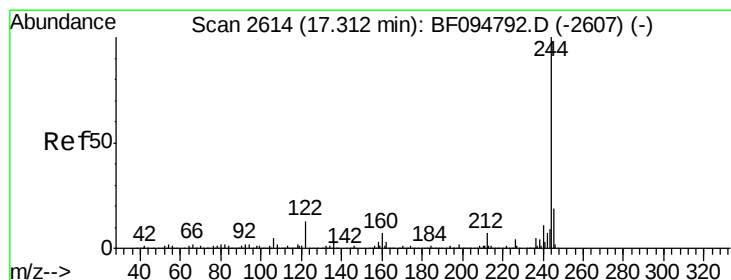
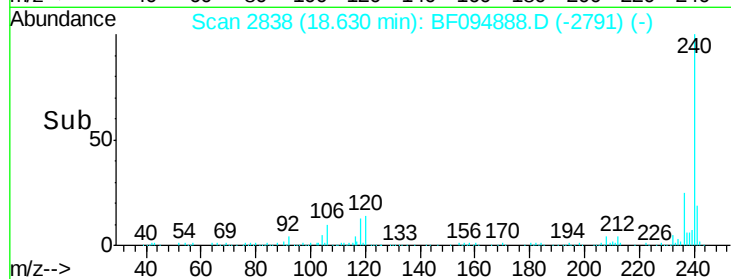
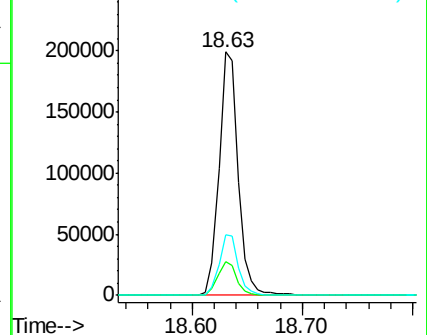
236 24.7 20.5 30.7



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: 45.79 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094888.D

Acq: 4 May 2017 22:47

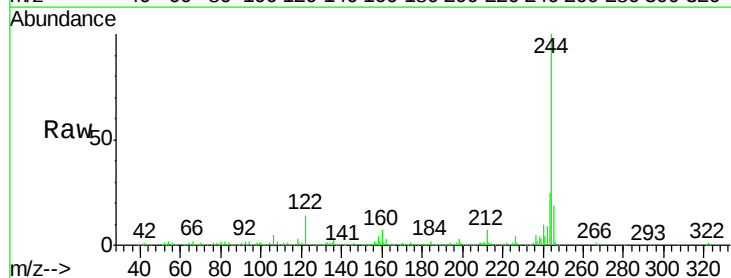
Tgt Ion:244 Resp: 495391

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

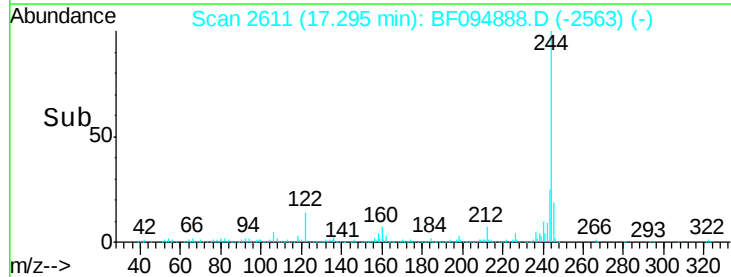
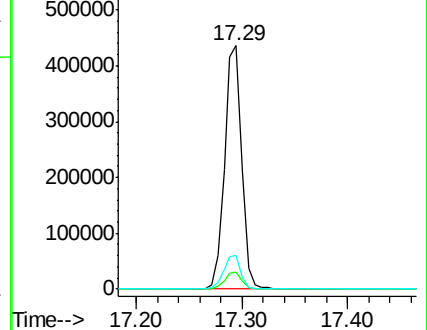
122 13.9 10.3 15.5

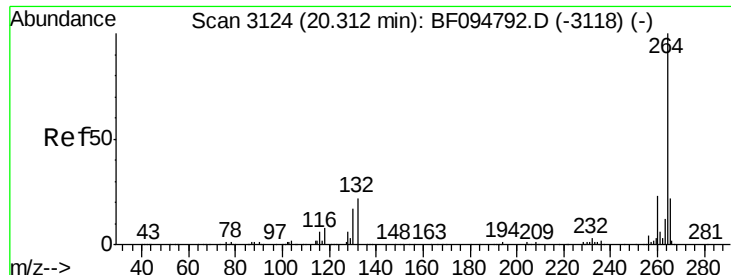


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

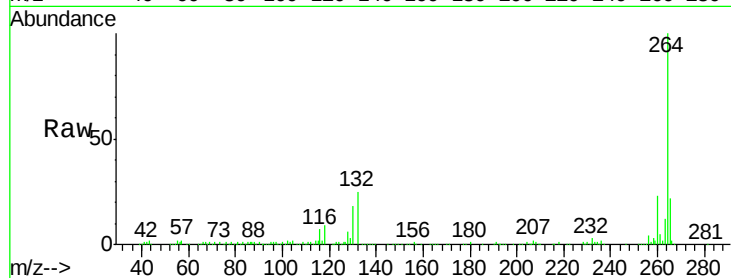




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF094888.D
Acq: 4 May 2017 22:47

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP(0-2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.9	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

