

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094894.D
 Acq On : 5 May 2017 1:59
 Operator : SJ/MA
 Sample : I2930-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2-COMP

Quant Time: May 05 05:55:55 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

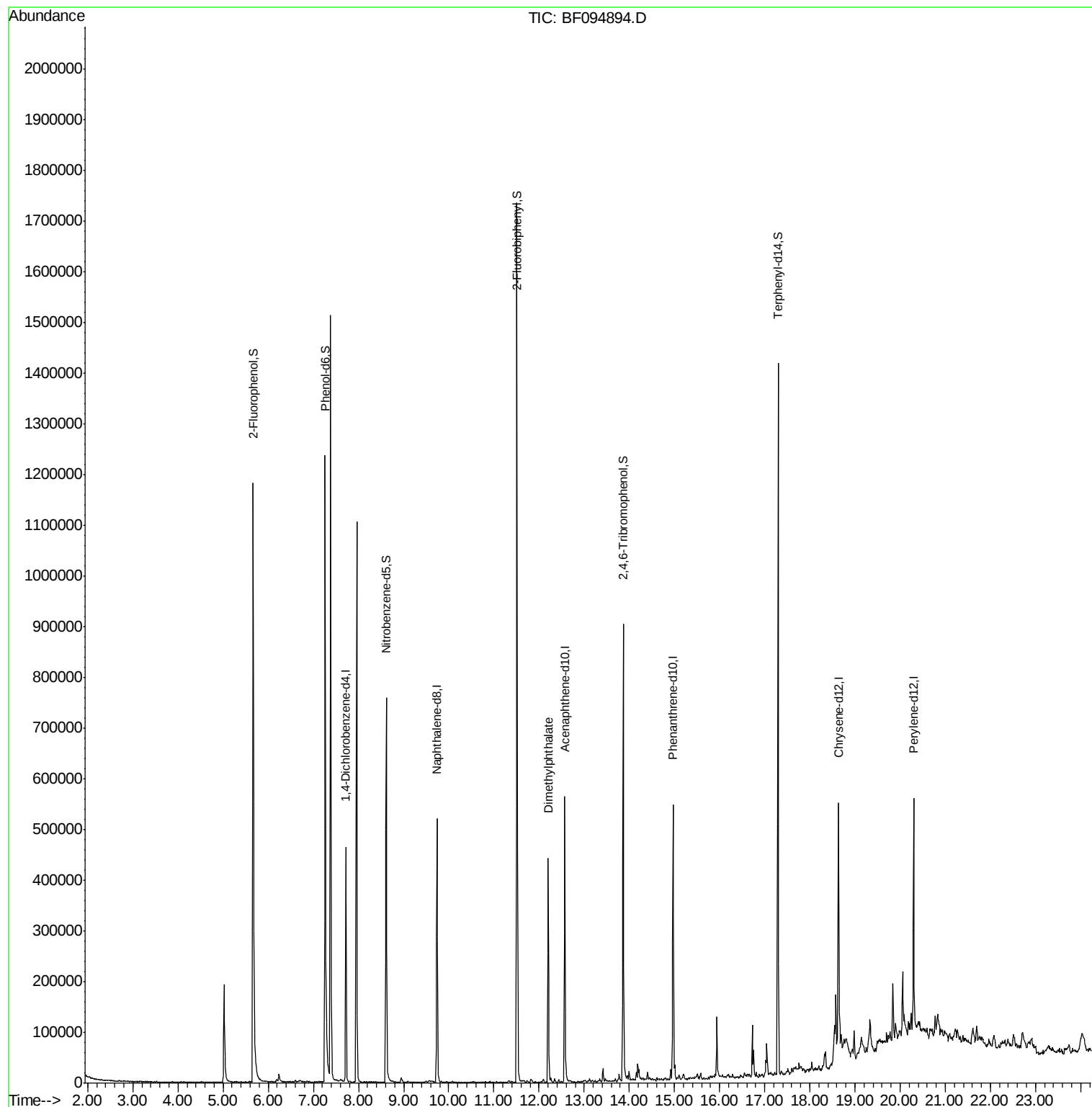
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	91912	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	349375	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	161279	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	266245	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	197134	20.00	ng	-0.02
86) Perylene-d12	20.30	264	181906	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	556228	100.90	ng	-0.01
7) Phenol-d6	7.26	99	683445	103.32	ng	-0.02
23) Nitrobenzene-d5	8.61	82	354978	64.07	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	138343	104.74	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	723018	64.53	ng	-0.02
78) Terphenyl-d14	17.29	244	499204	55.78	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.21	163	264887	20.01	ng	Qvalue 98

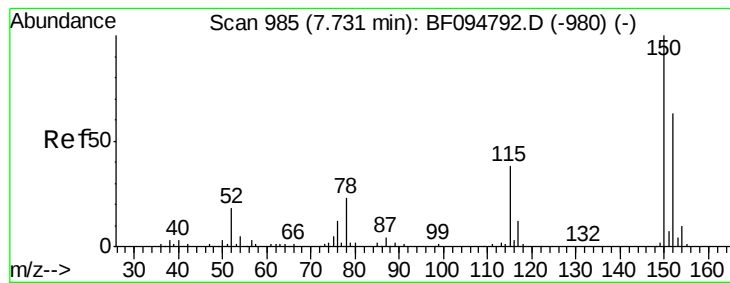
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF094894.D

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BNA_F

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SP-2-COMP

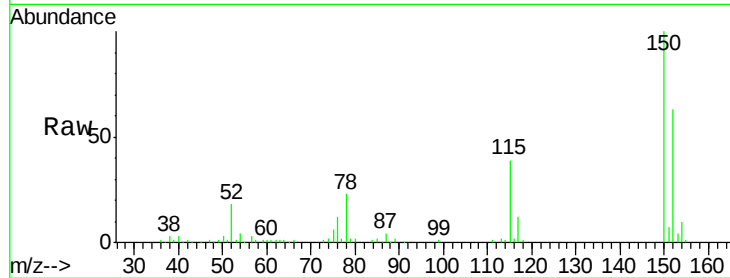
Tgt Ion:152 Resp: 91912

Ion Ratio Lower Upper

152 100

150 159.2 126.2 189.2

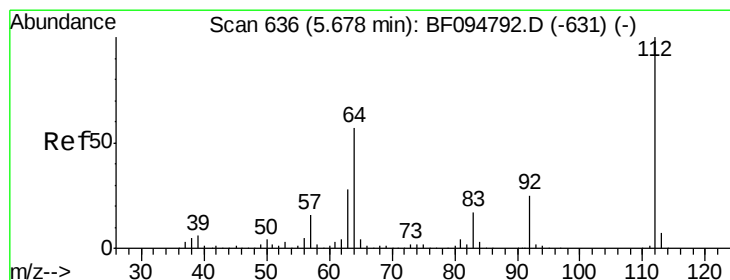
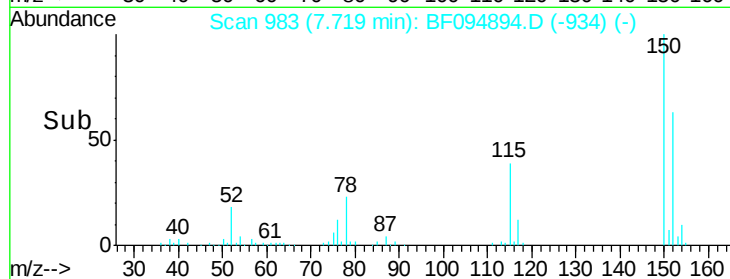
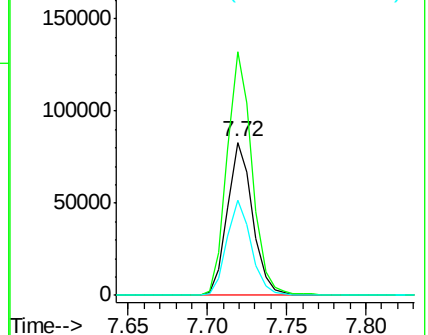
115 62.4 52.2 78.2



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: 100.90 ng

RT: 5.67 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094894.D

Acq: 5 May 2017 1:59

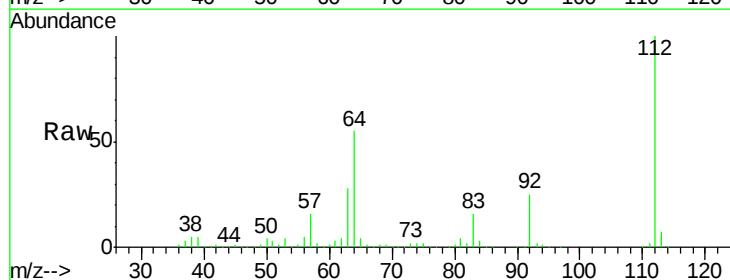
Tgt Ion:112 Resp: 556228

Ion Ratio Lower Upper

112 100

64 55.0 46.0 69.0

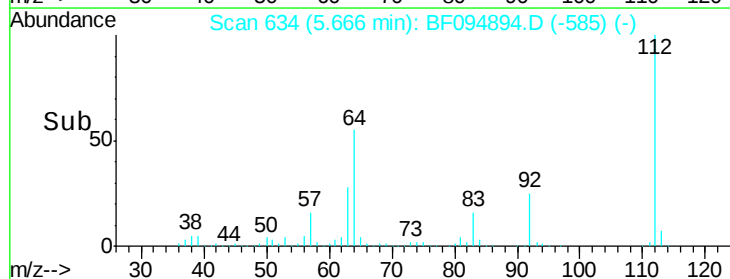
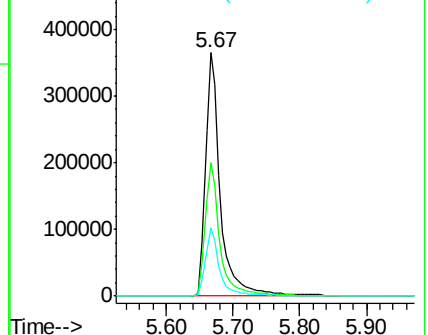
63 27.8 23.4 35.0

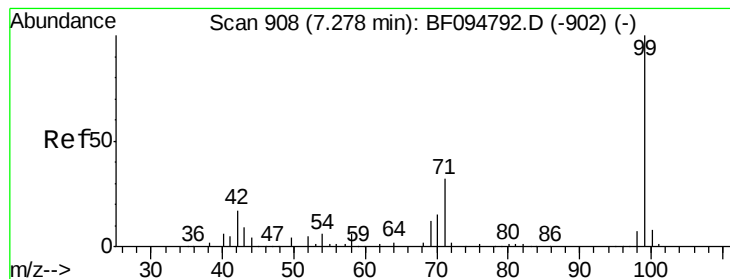


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.32 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094894.D

Acq: 5 May 2017 1:59

Instrument :

BNA_F

ClientSampleId :

SP-2-COMP

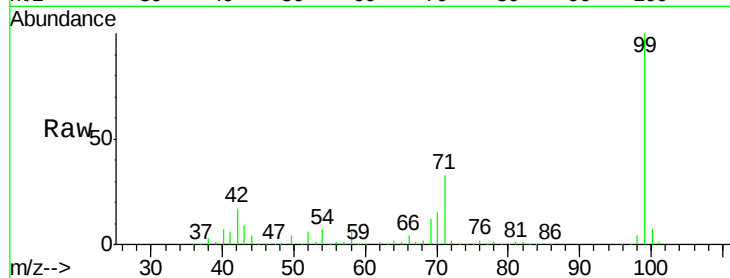
Tgt Ion: 99 Resp: 683445

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

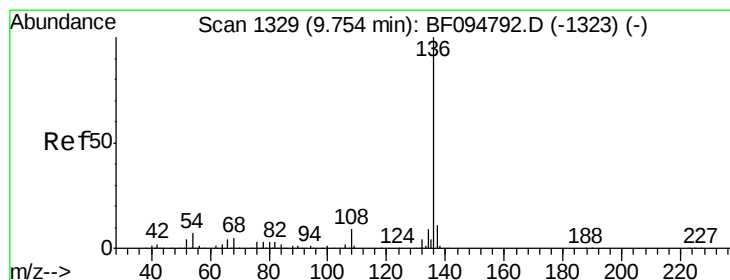
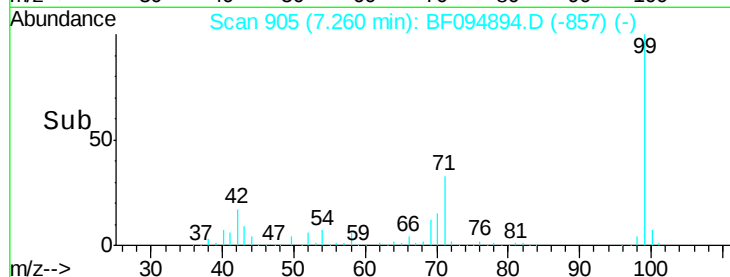
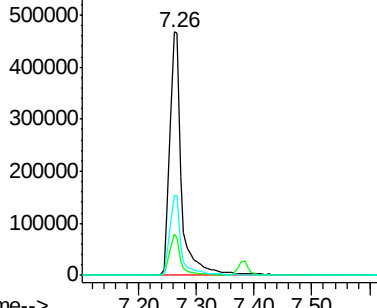
71 32.7 24.5 36.7



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: BF094894.D

Acq: 5 May 2017 1:59

Tgt Ion: 136 Resp: 349375

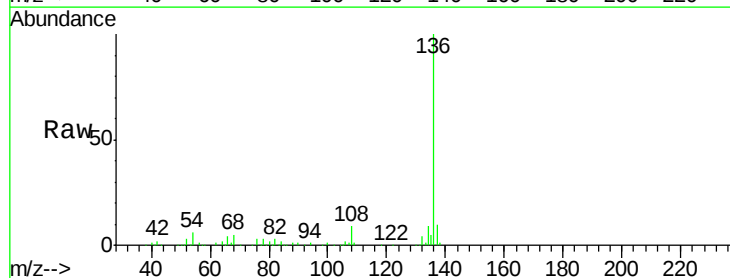
Ion Ratio Lower Upper

136 100

137 9.9 8.5 12.7

54 6.5 4.9 7.3

68 5.2 4.1 6.1

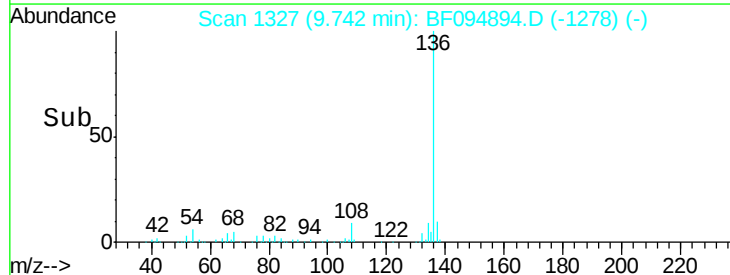
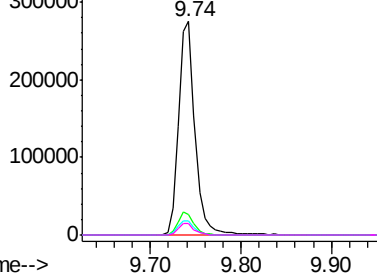


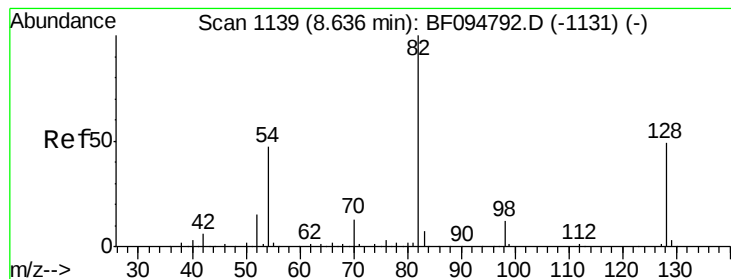
Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.07 ng

RT: 8.61 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF094894.D

Acq: 5 May 2017 1:59

Instrument :

BNA_F

ClientSampleId :

SP-2-COMP

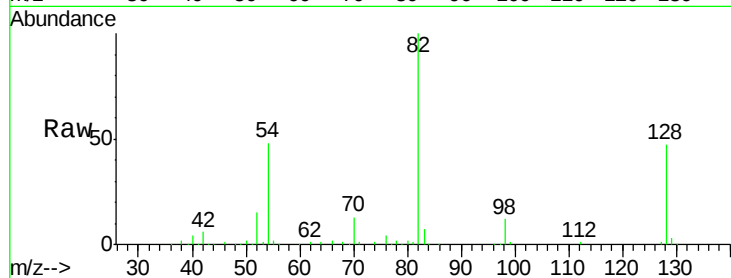
Tgt Ion: 82 Resp: 354978

Ion Ratio Lower Upper

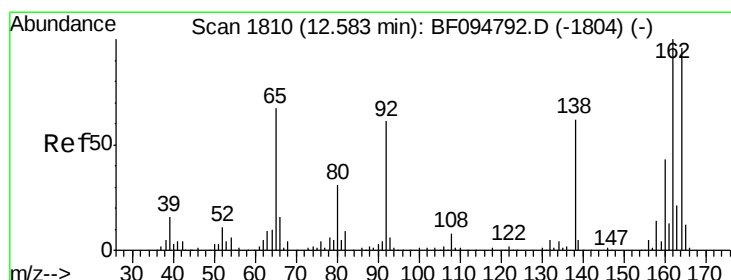
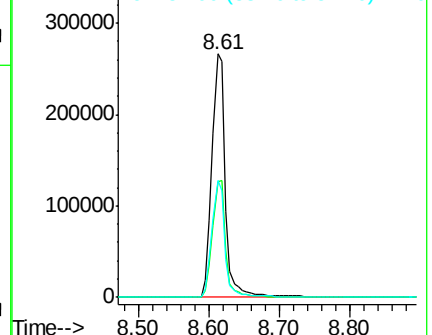
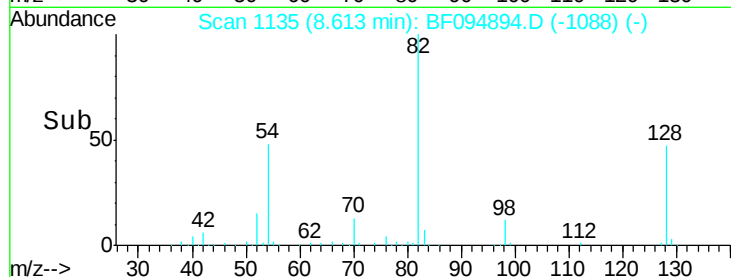
82 100

128 47.3 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# 1808

Delta R.T. -0.01 min

Lab File: BF094894.D

Acq: 5 May 2017 1:59

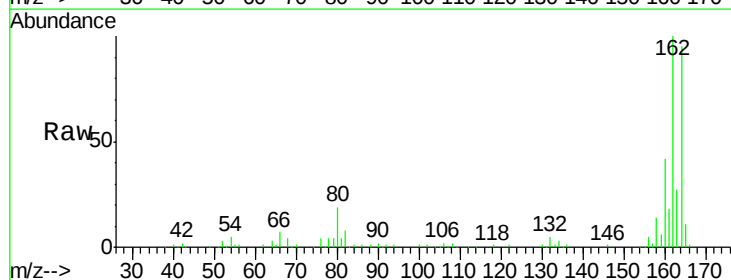
Tgt Ion: 164 Resp: 161279

Ion Ratio Lower Upper

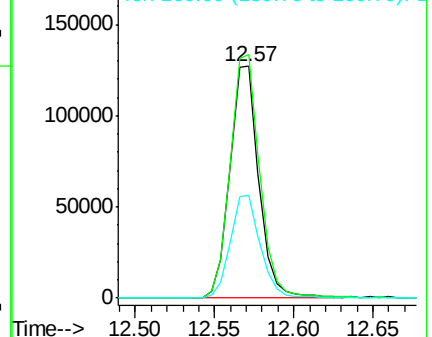
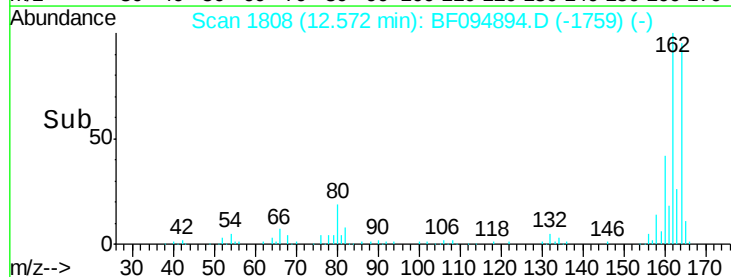
164 100

162 105.1 82.6 123.8

160 44.2 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

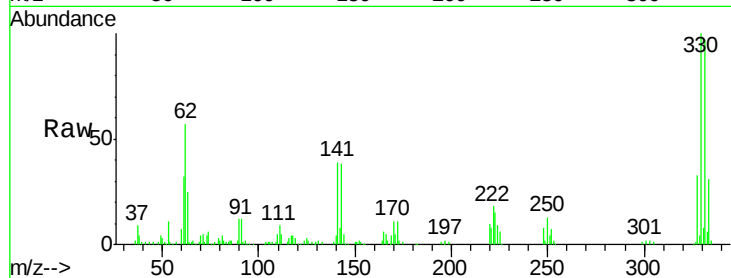




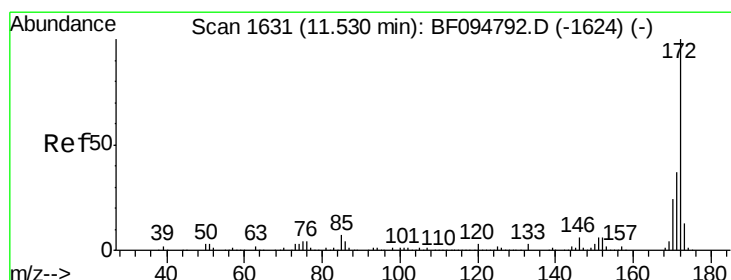
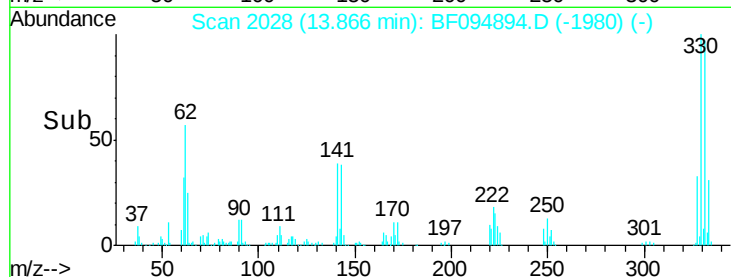
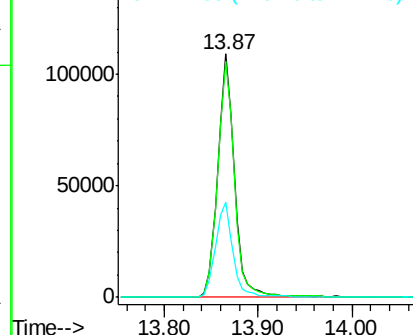
#41
 2,4,6-Tribromophenol
 Concen: 104.74 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094894.D
 Acq: 5 May 2017 1:59

Instrument :
 BNA_F
 ClientSampleId :
 SP-2-COMP

Tgt Ion:330 Resp: 138343
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 40.8 31.4 47.2

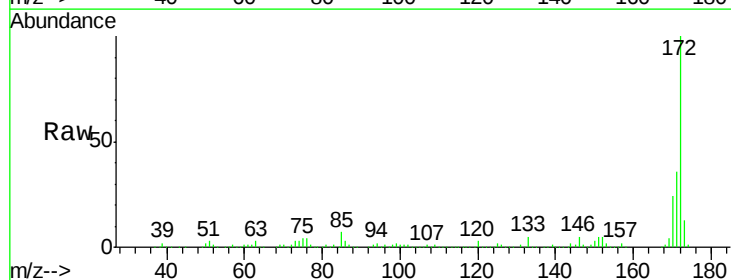


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

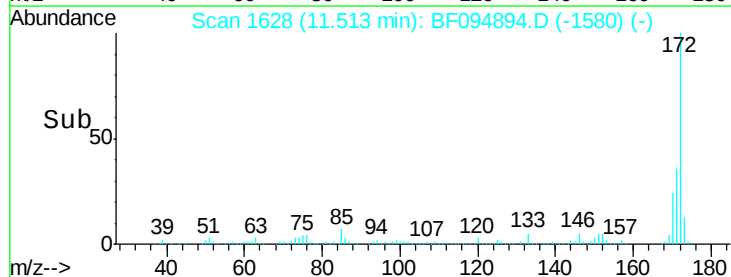
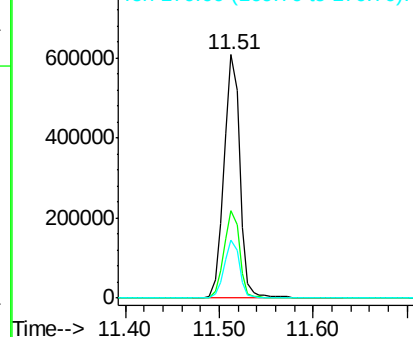


#44
 2-Fluorobiphenyl
 Concen: 64.53 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094894.D
 Acq: 5 May 2017 1:59

Tgt Ion:172 Resp: 723018
 Ion Ratio Lower Upper
 172 100
 171 36.0 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: 20.01 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094894.D

Acq: 5 May 2017 1:59

Instrument :

BNA_F

ClientSampled :

SP-2-COMP

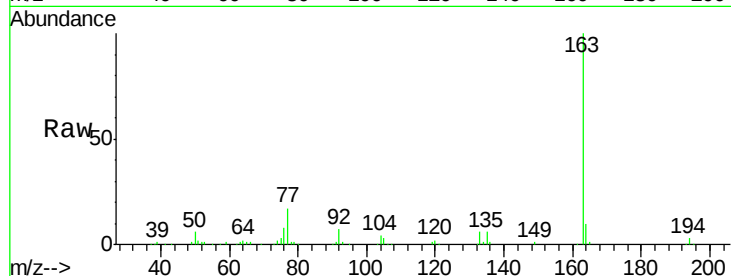
Tgt Ion:163 Resp: 264887

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

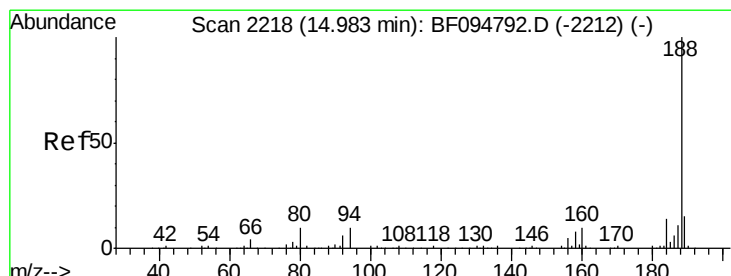
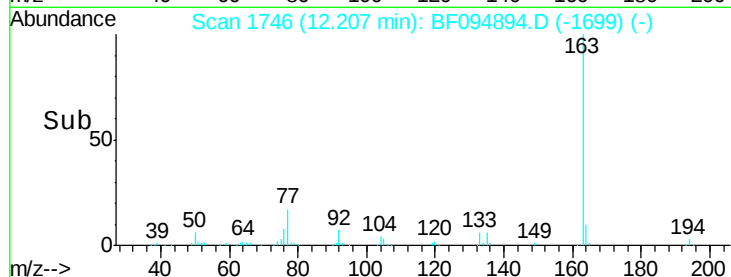
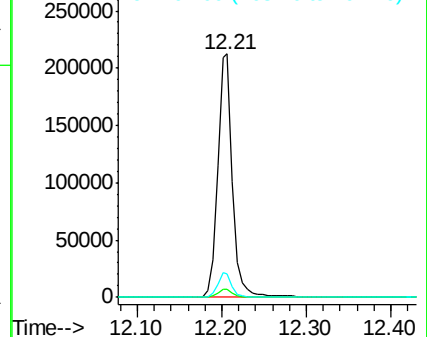
164 9.6 8.4 12.6



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: BF094894.D

Acq: 5 May 2017 1:59

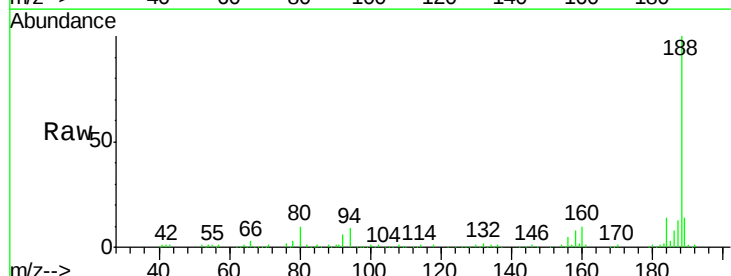
Tgt Ion:188 Resp: 266245

Ion Ratio Lower Upper

188 100

94 9.3 9.4 14.2#

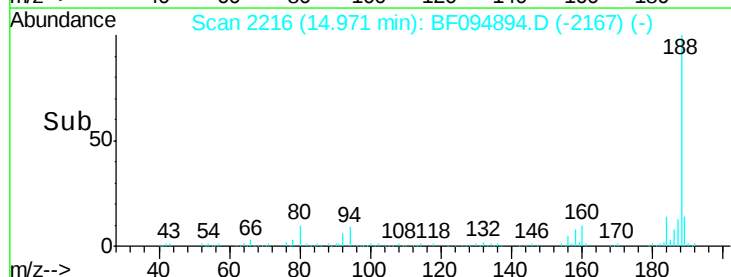
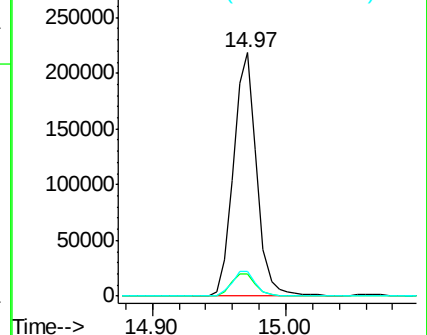
80 10.0 10.2 15.2#

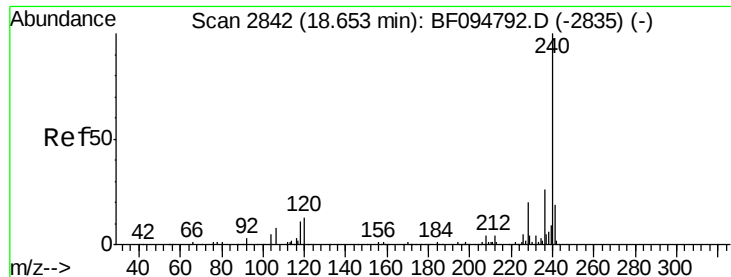


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF094894.D

Acq: 5 May 2017 1:59

Instrument :

BNA_F

ClientSampleId :

SP-2-COMP

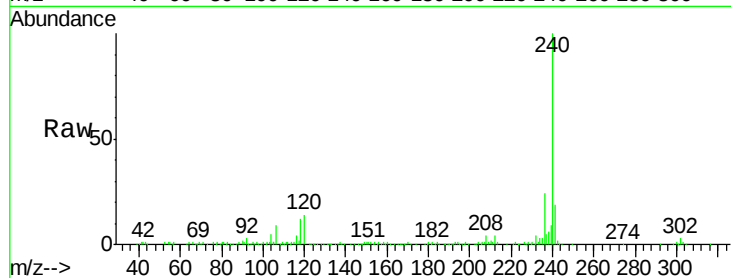
Tgt Ion:240 Resp: 197134

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

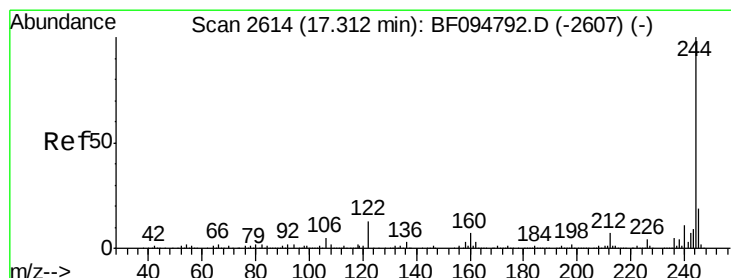
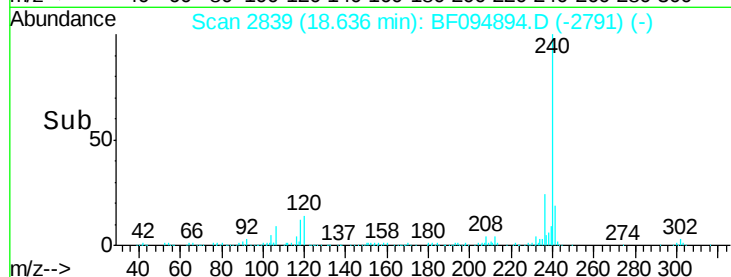
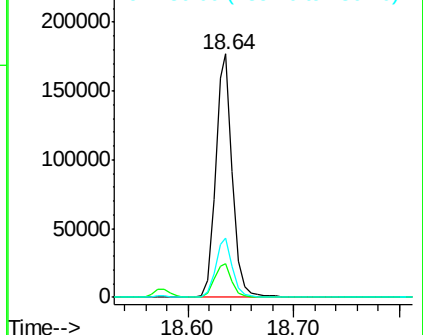
236 24.3 20.5 30.7



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: 55.78 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094894.D

Acq: 5 May 2017 1:59

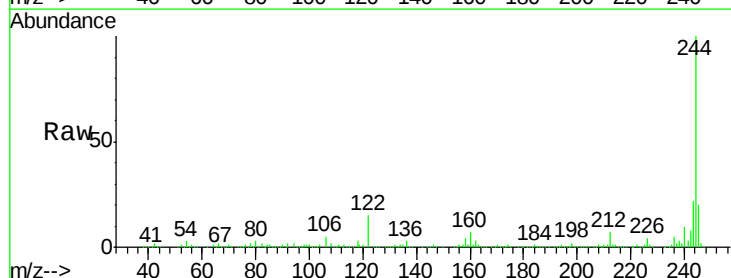
Tgt Ion:244 Resp: 499204

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

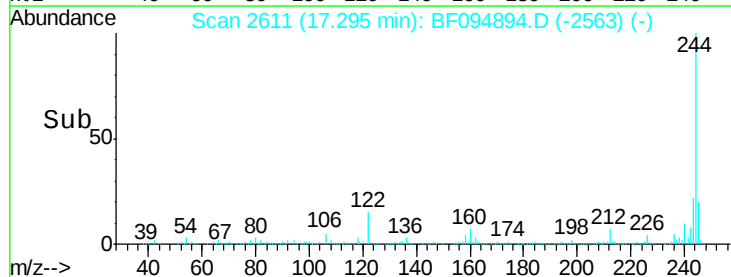
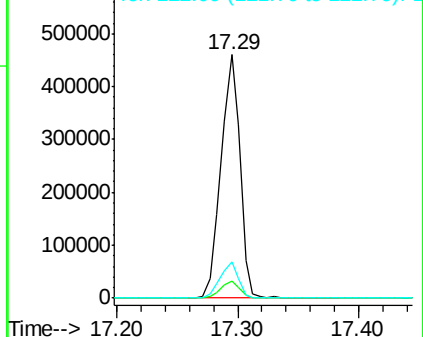
122 15.0 10.3 15.5

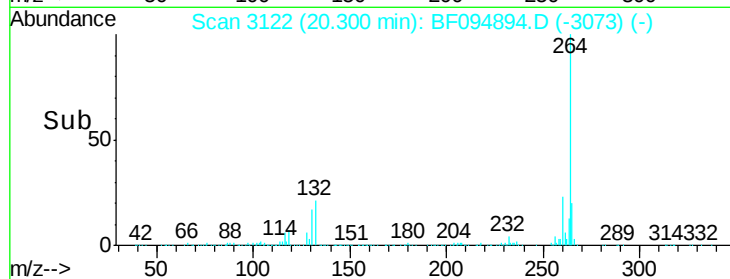
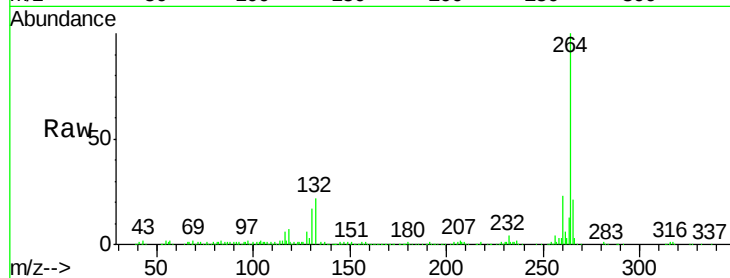
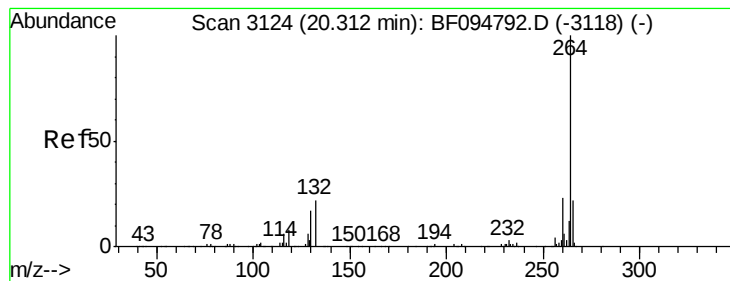


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.30 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BF094894.D

Acq: 5 May 2017 1:59

Instrument :

BNA_F

ClientSampleId :

SP-2-COMP

Tgt Ion: 264 Resp: 181906

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 20.7 17.2 25.8

