

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095244.D
 Acq On : 19 May 2017 2:54
 Operator : SJ/MA
 Sample : I3200-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-20170517

Quant Time: May 19 04:21:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	101055	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	424848	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	204985	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	366987	20.00	ng	0.00
75) Chrysene-d12	18.69	240	256956	20.00	ng	0.00
86) Perylene-d12	20.37	264	163893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	263515	43.47	ng	0.02
7) Phenol-d6	7.34	99	204020	28.05	ng	0.02
23) Nitrobenzene-d5	8.67	82	489310	72.63	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	226203	134.74	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1106952	77.73	ng	0.00
78) Terphenyl-d14	17.34	244	1007475	86.36	ng	0.00

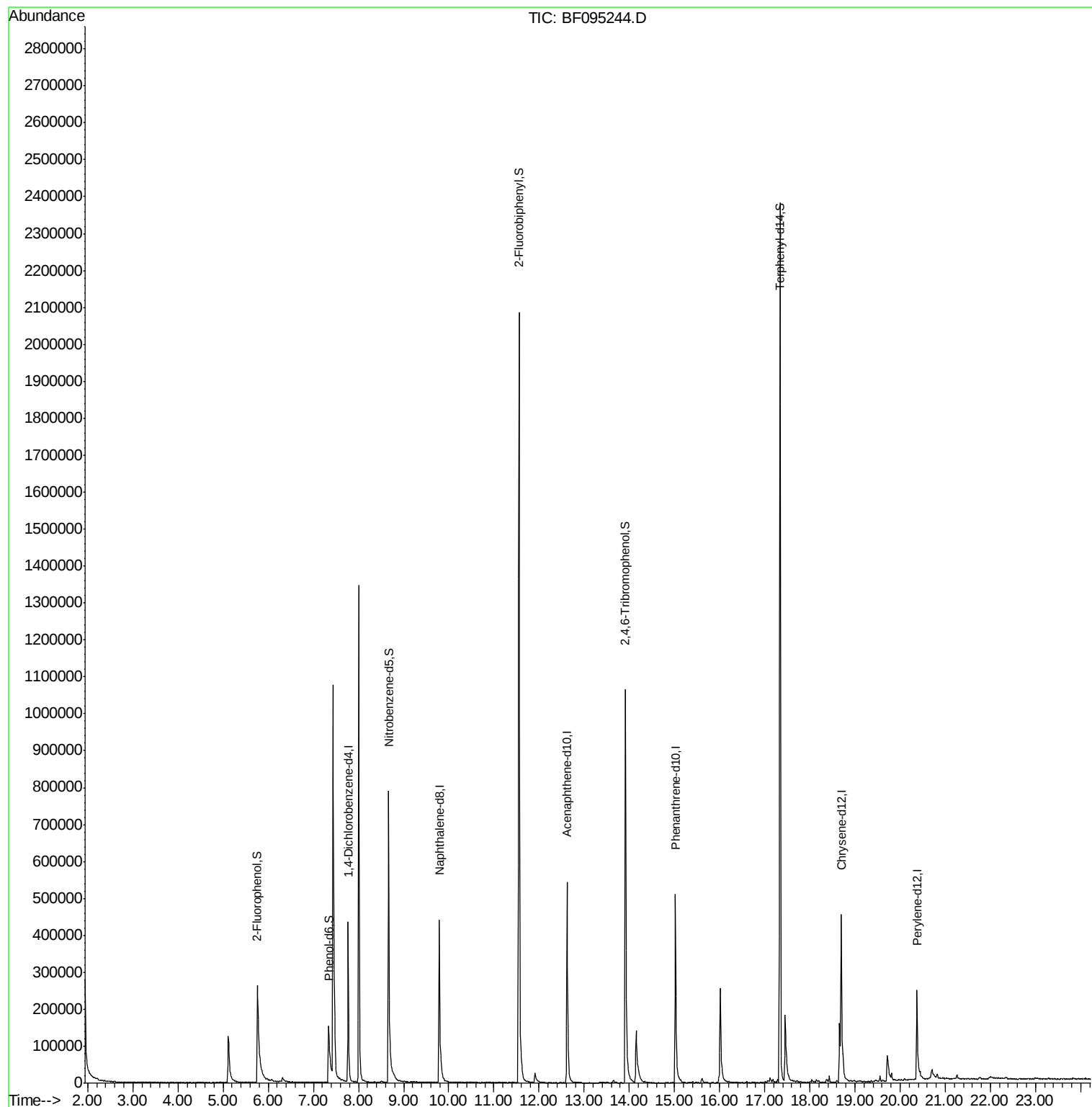
Target Compounds Qvalue

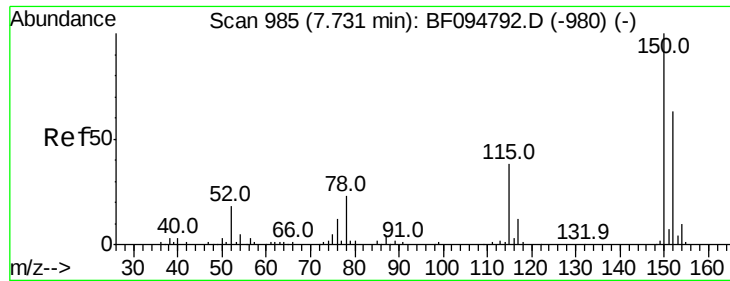
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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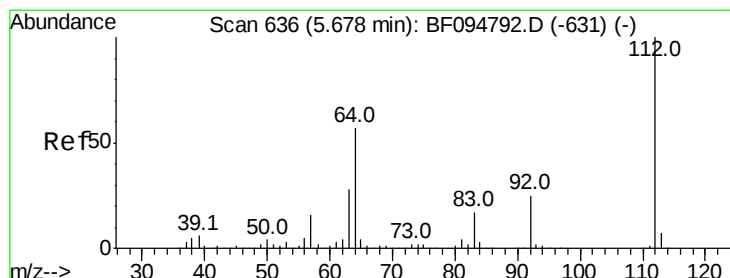
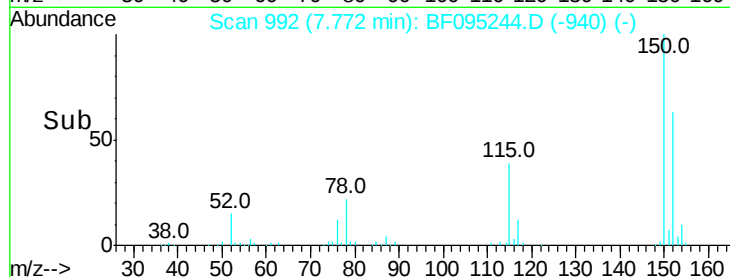
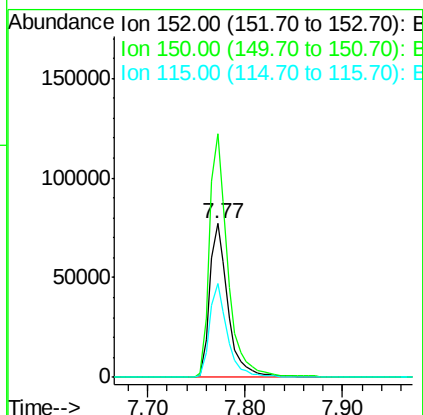
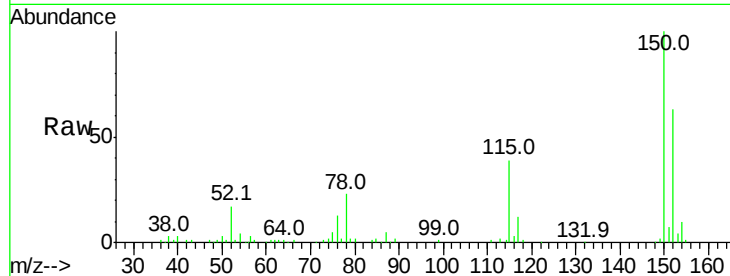


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.77 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: BF095244.D
 Acq: 19 May 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :
 FB-20170517

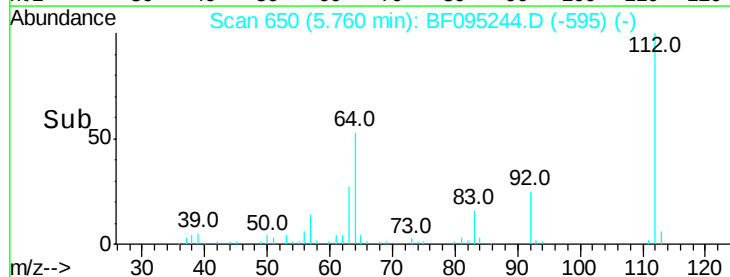
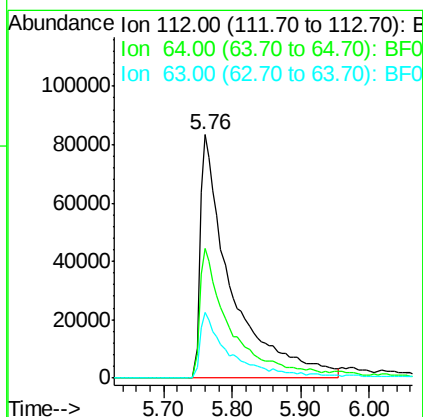
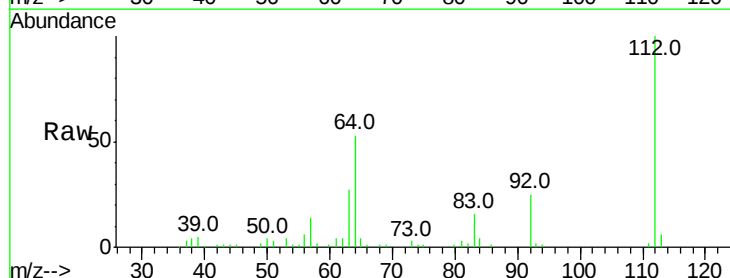
Tot Ion:152 Resp: 101055
 Ion Ratio Lower Upper
 152 100
 150 158.4 126.2 189.2
 115 61.1 52.2 78.2

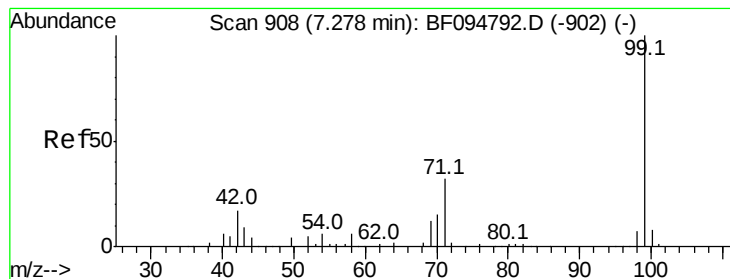


#5

2-Fluorophenol
 Concen: 43.47 ng
 RT: 5.76 min Scan# 650
 Delta R.T. 0.02 min
 Lab File: BF095244.D
 Acq: 19 May 2017 2:54

Tgt Ion:112 Resp: 263515
 Ion Ratio Lower Upper
 112 100
 64 53.4 46.0 69.0
 63 27.2 23.4 35.0





#7

Phenol-d6

Concen: 28.05 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.02 min

Lab File: BF095244.D

Acq: 19 May 2017 2:54

Instrument :

BNA_F

ClientSampleId :

FB-20170517

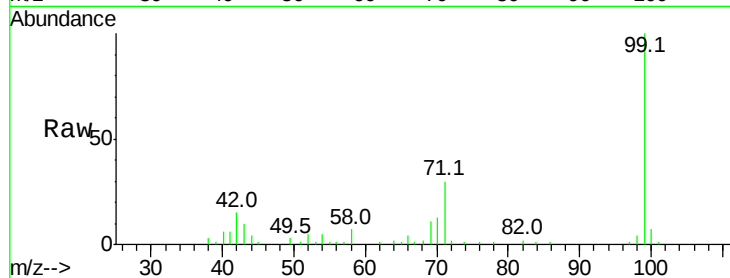
Tot Ion: 99 Resp: 204020

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

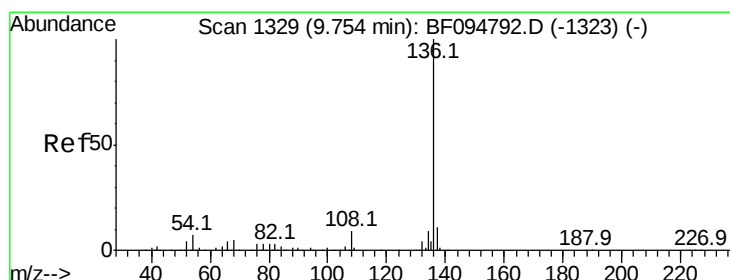
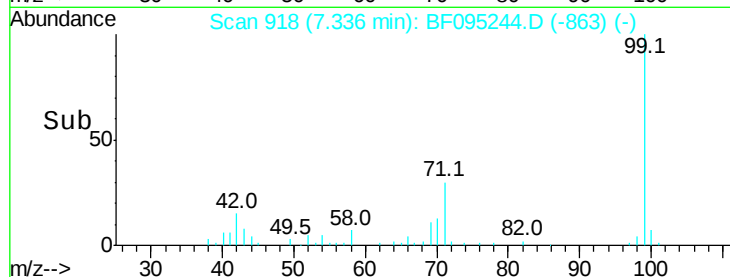
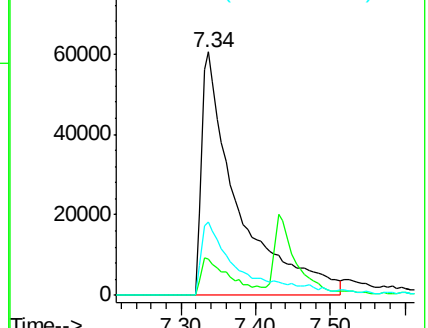
71 30.1 24.5 36.7



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: 9.79 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF095244.D

Acq: 19 May 2017 2:54

Tgt Ion: 136 Resp: 424848

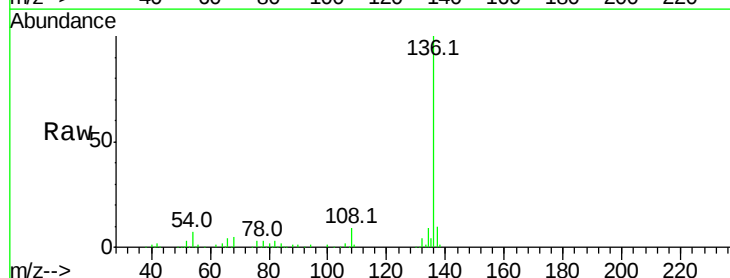
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.7 4.9 7.3

68 5.3 4.1 6.1

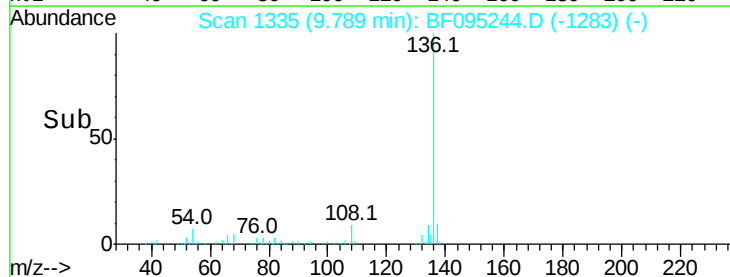
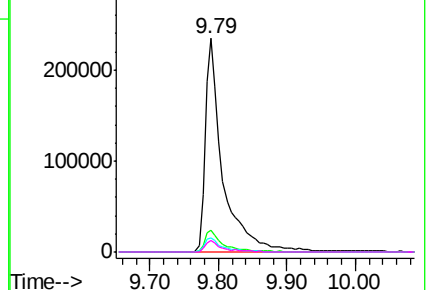


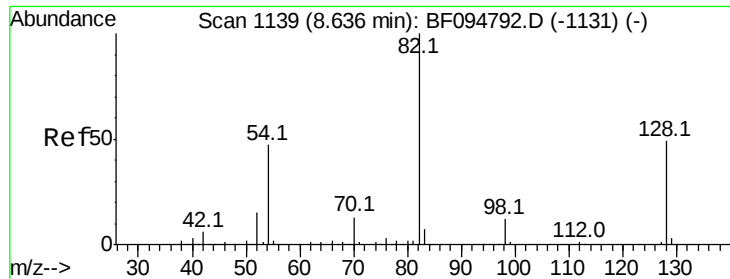
Abundance Ion 136.00 (135.70 to 136.70): E

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

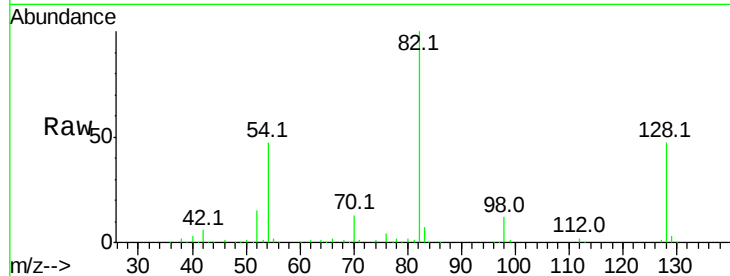




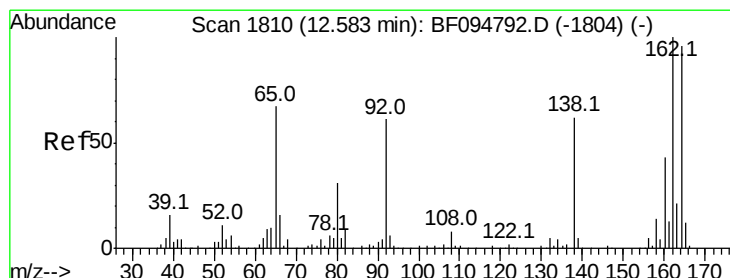
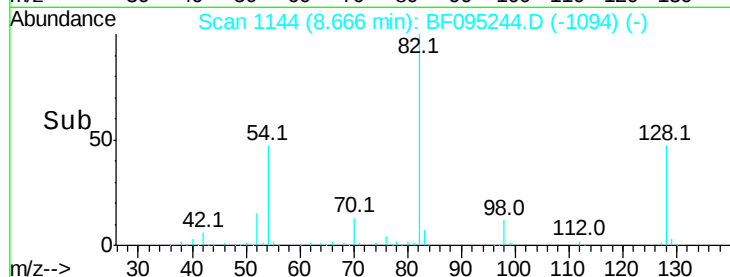
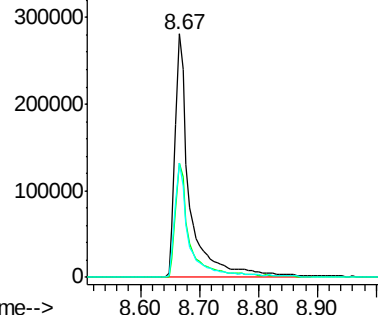
#23
Nitrobenzene-d5
Concen: 72.63 ng
RT: 8.67 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF095244.D
Acq: 19 May 2017 2:54

Instrument :
BNA_F
ClientSampleId :
FB-20170517

Tot Ion: 82 Resp: 489310
Ion Ratio Lower Upper
82 100
128 46.7 34.0 51.0
54 46.8 42.2 63.2

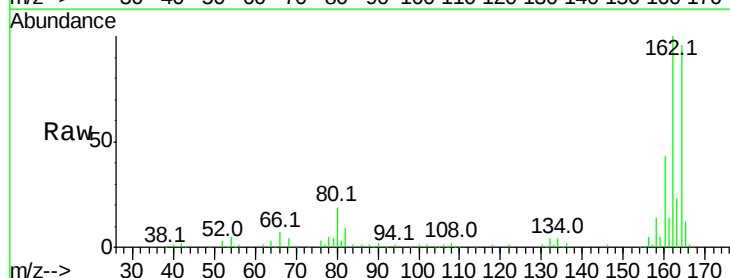


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

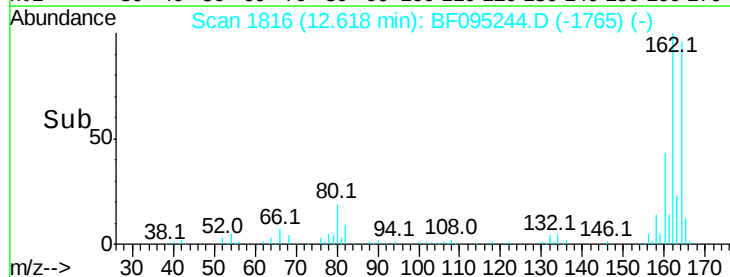
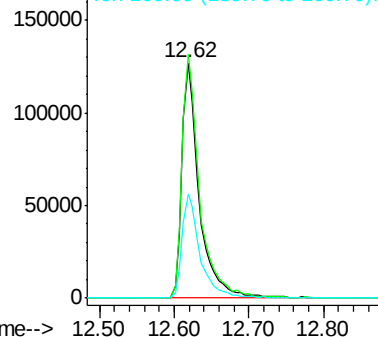


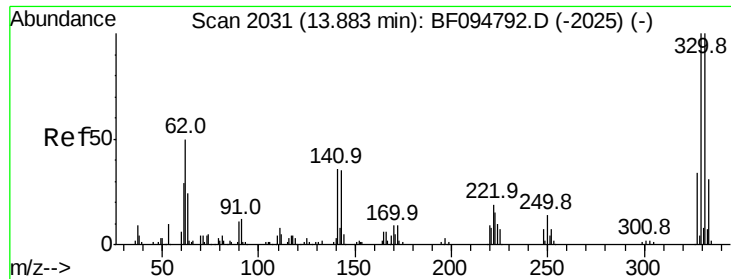
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BF095244.D
Acq: 19 May 2017 2:54

Tgt Ion:164 Resp: 204985
Ion Ratio Lower Upper
164 100
162 103.7 82.6 123.8
160 44.4 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

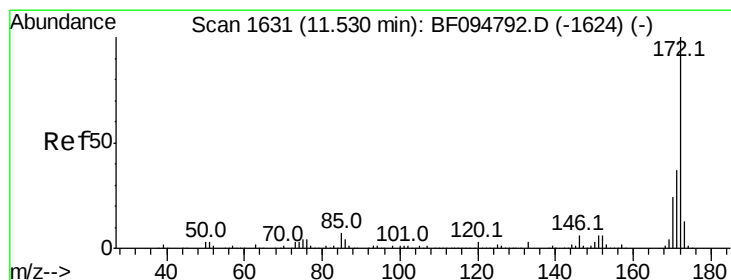
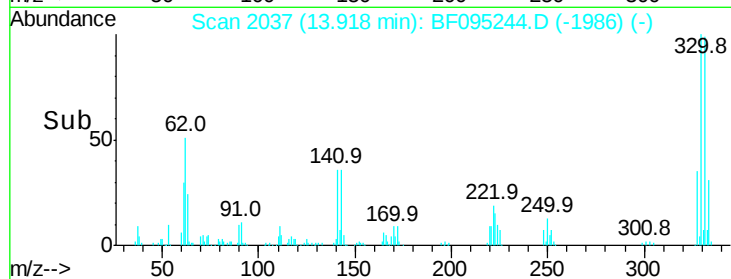
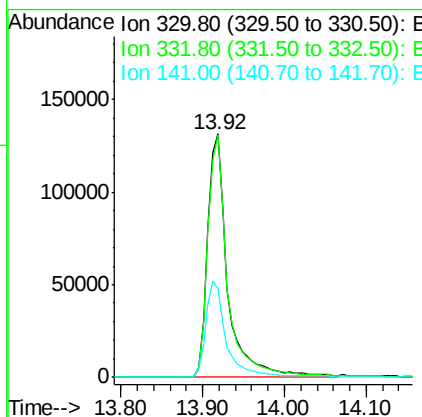
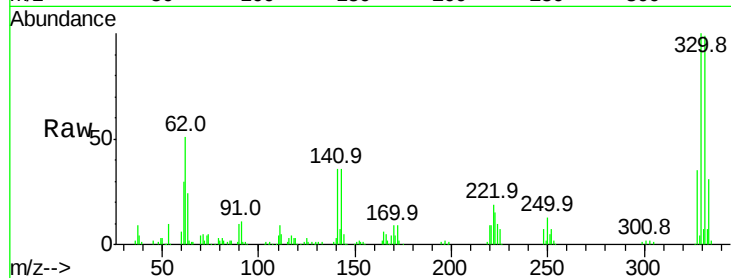




#41
 2,4,6-Tribromophenol
 Concen: 134.74 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF095244.D
 Acq: 19 May 2017 2:54

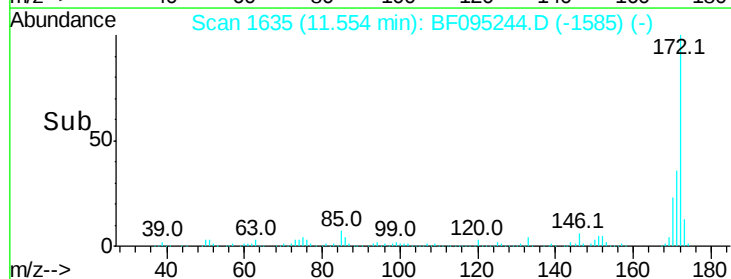
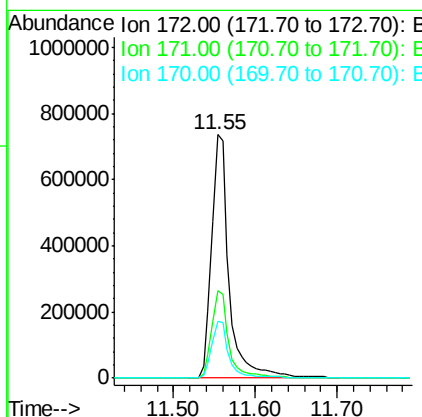
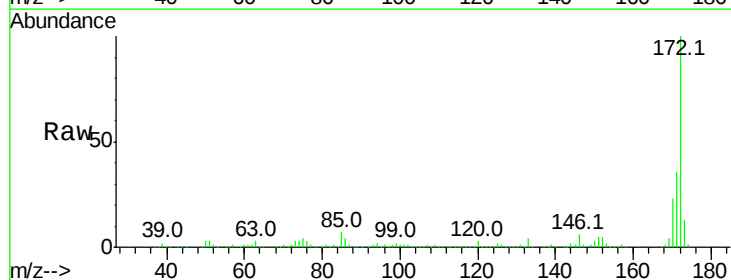
Instrument :
 BNA_F
 ClientSampleId :
 FB-20170517

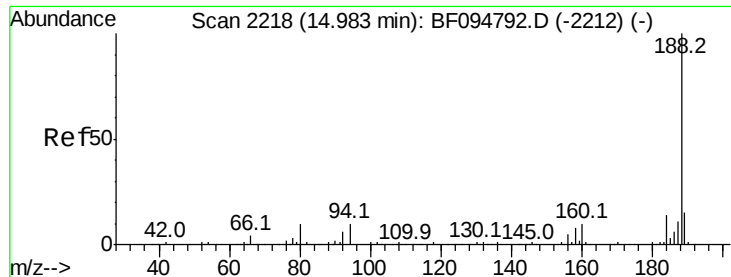
Tot Ion:330 Resp: 226203
 Ion Ratio Lower Upper
 330 100
 332 98.7 76.6 115.0
 141 40.0 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 77.73 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095244.D
 Acq: 19 May 2017 2:54

Tgt Ion:172 Resp: 1106952
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.2 19.8 29.8

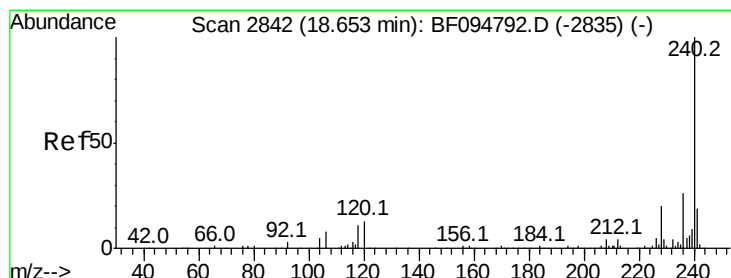
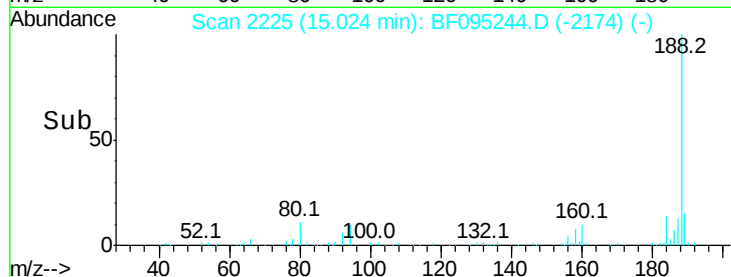
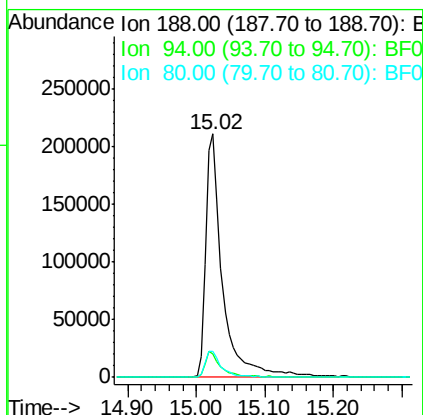
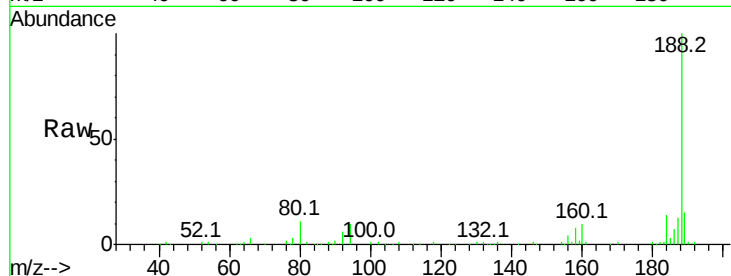




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095244.D
 Acq: 19 May 2017 2:54

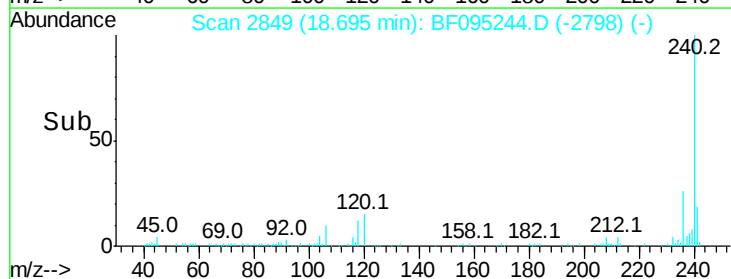
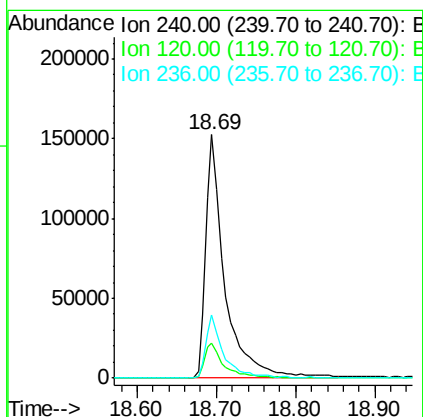
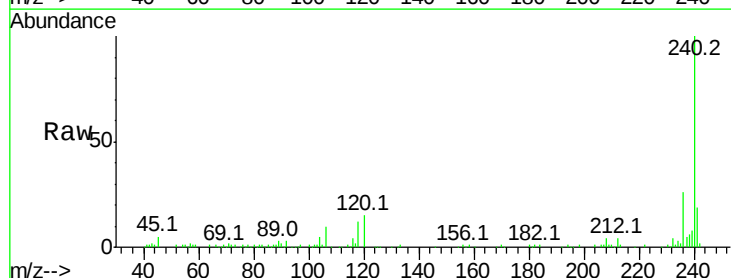
Instrument :
 BNA_F
 ClientSampled :
 FB-20170517

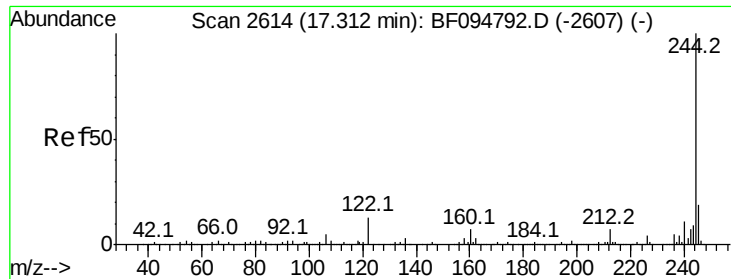
Tot Ion:188 Resp: 366987
 Ion Ratio Lower Upper
 188 100
 94 9.7 9.4 14.2
 80 10.8 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BF095244.D
 Acq: 19 May 2017 2:54

Tgt Ion:240 Resp: 256956
 Ion Ratio Lower Upper
 240 100
 120 14.5 5.8 8.8#
 236 25.9 20.5 30.7





#78

Terphenyl-d14

Concen: 86.36 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095244.D

Acq: 19 May 2017 2:54

Instrument :

BNA_F

ClientSampleId :

FB-20170517

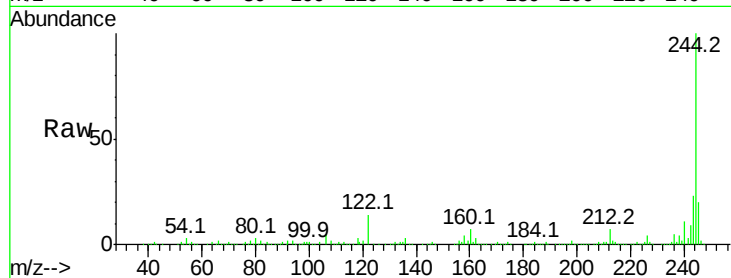
Tot Ion:244 Resp: 1007475

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

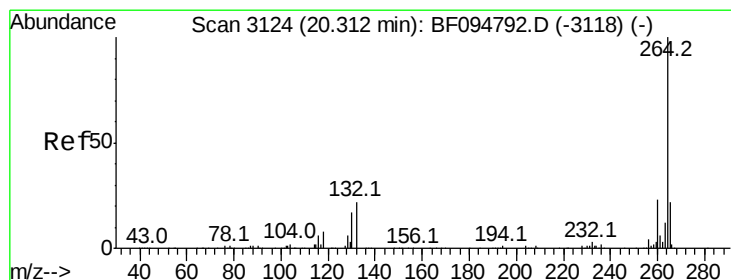
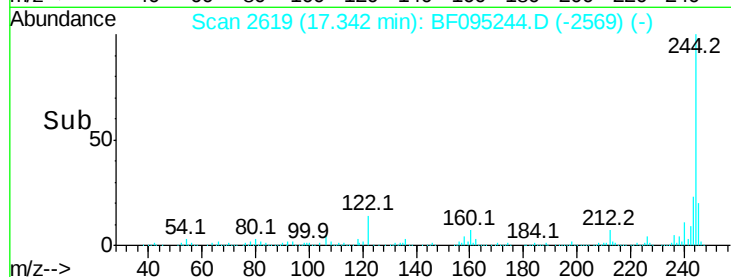
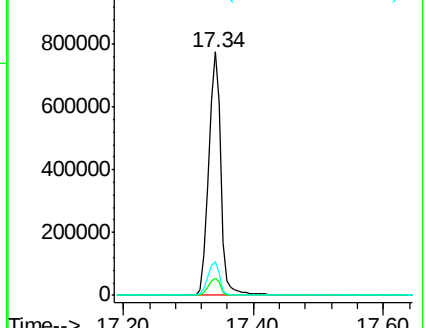
122 14.1 10.3 15.5



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: 20.37 min Scan# 3134

Delta R.T. 0.01 min

Lab File: BF095244.D

Acq: 19 May 2017 2:54

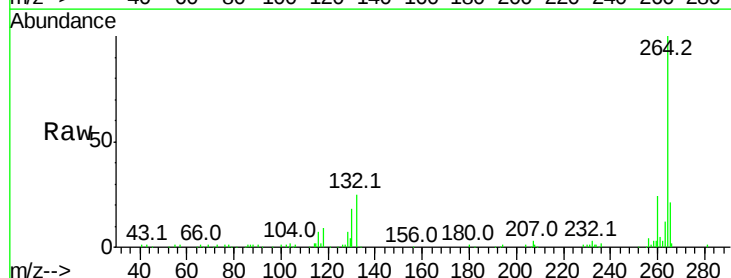
Tgt Ion:264 Resp: 163893

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 20.7 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

