

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095289.D
 Acq On : 20 May 2017 6:44
 Operator : SJ/MA
 Sample : PB99081TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99081TB

Quant Time: May 20 07:21:12 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	87945	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	361290	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	146452	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	174555	20.00	ng	0.00
75) Chrysene-d12	18.69	240	152233	20.00	ng	0.00
86) Perylene-d12	20.37	264	124186	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	721211	136.72	ng	0.00
7) Phenol-d6	7.31	99	861388	136.10	ng	0.00
23) Nitrobenzene-d5	8.66	82	496253	86.61	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	129591	108.05	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1017319	99.98	ng	0.00
78) Terphenyl-d14	17.34	244	524241	75.85	ng	-0.01

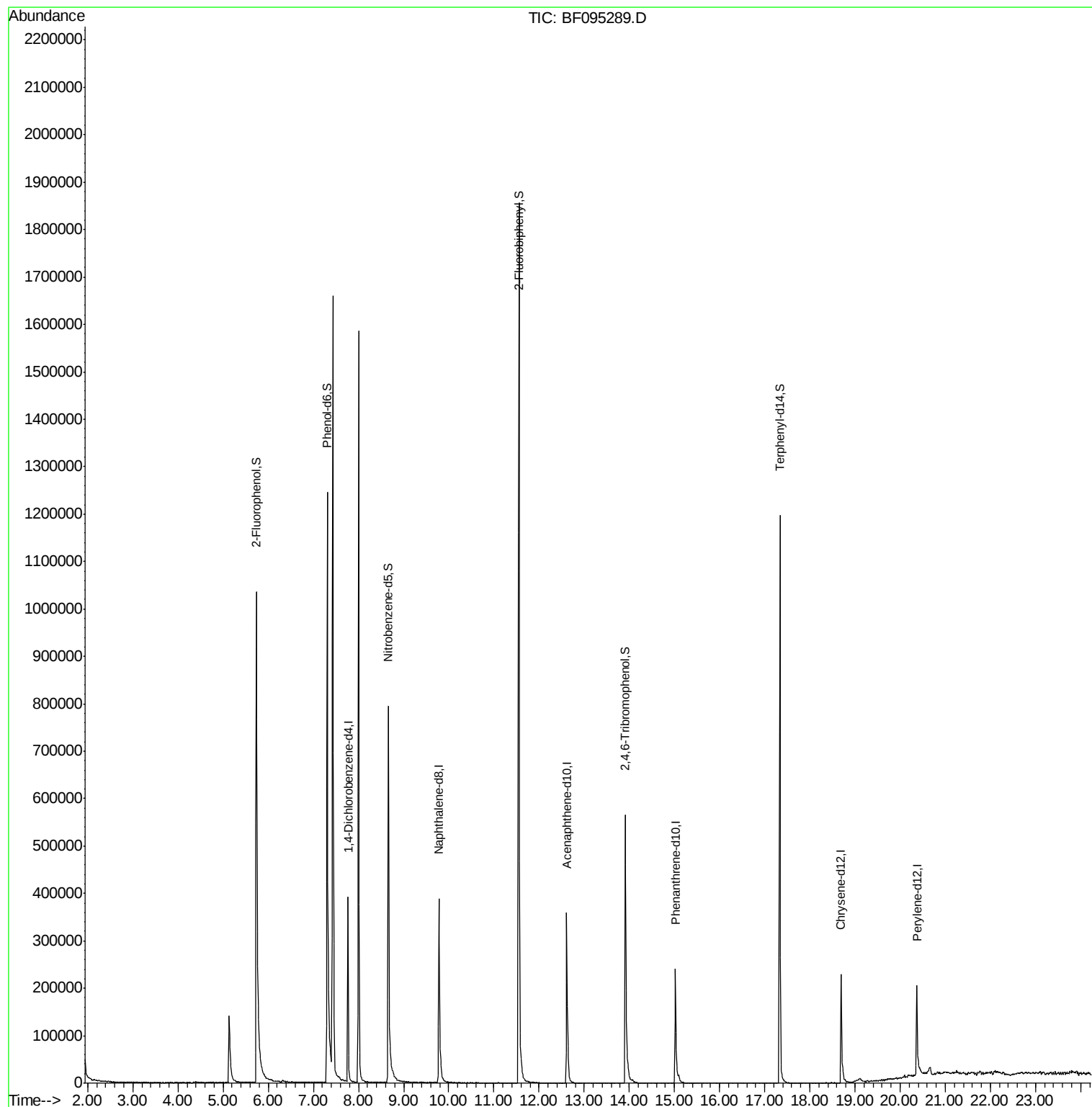
Target Compounds	Qvalue
------------------	--------

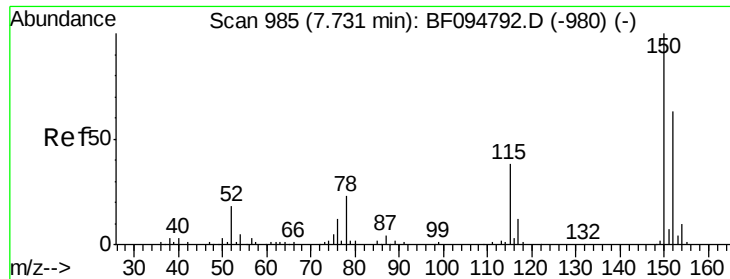
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
Data File : BF095289.D
Acq On : 20 May 2017 6:44
Operator : SJ/MA
Sample : PB99081TB
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99081TB

Quant Time: May 20 07:21:12 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



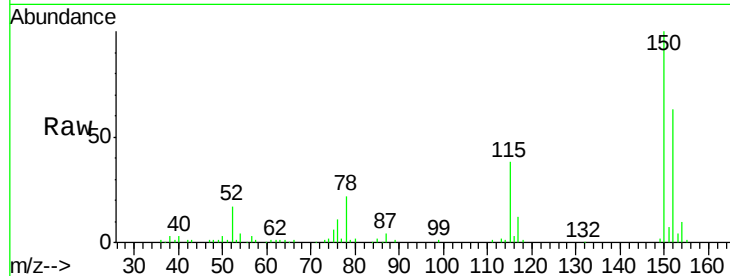


#1

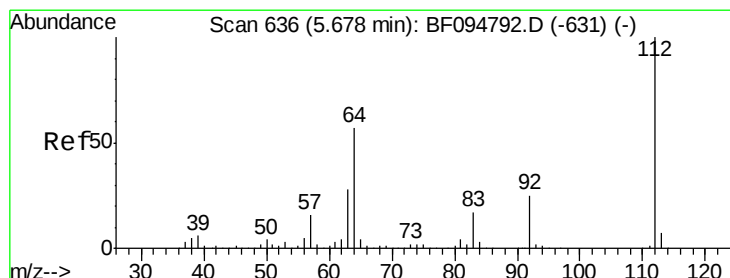
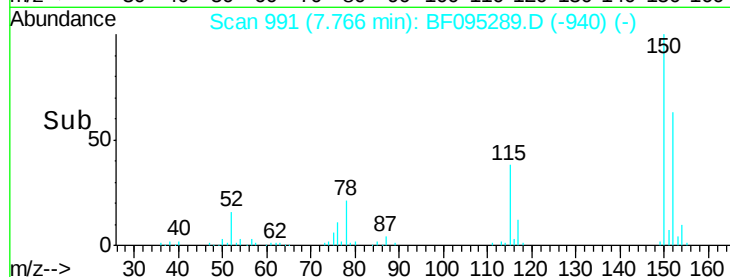
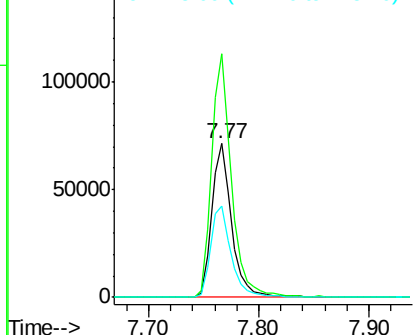
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095289.D
Acq: 20 May 2017 6:44

Instrument :
BNA_F
ClientSampleId :
PB99081TB

Tgt Ion:152 Resp: 87945
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.2
115 59.7 52.2 78.2



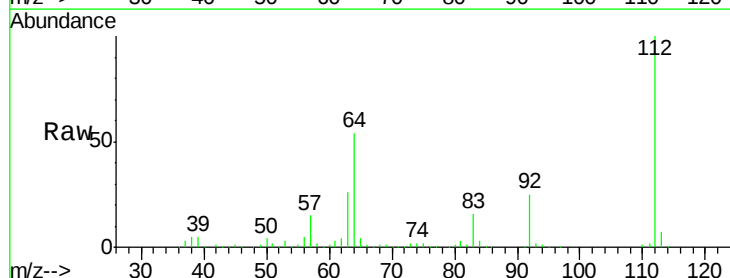
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



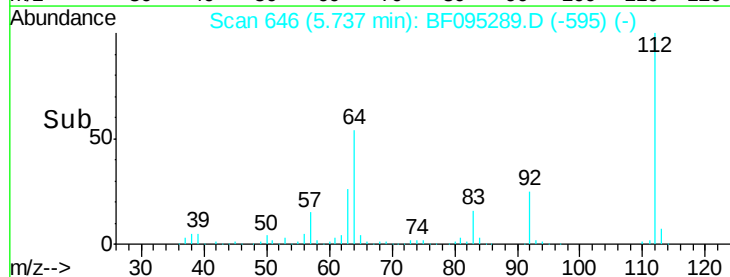
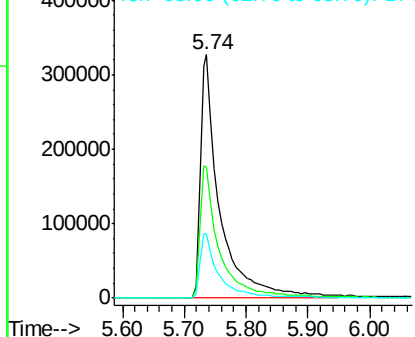
#5

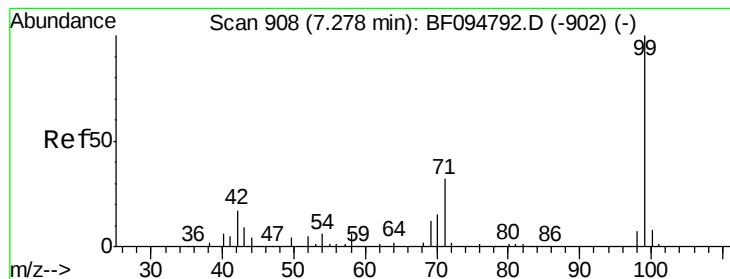
2-Fluorophenol
Concen: 136.72 ng
RT: 5.74 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF095289.D
Acq: 20 May 2017 6:44

Tgt Ion:112 Resp: 721211
Ion Ratio Lower Upper
112 100
64 53.9 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: 136.10 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095289.D

Acq: 20 May 2017 6:44

Instrument :

BNA_F

ClientSampleId :

PB99081TB

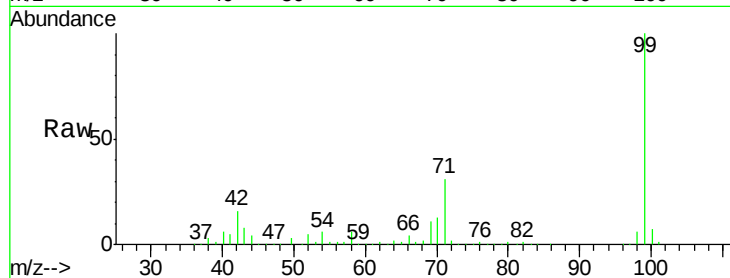
Tgt Ion: 99 Resp: 861388

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

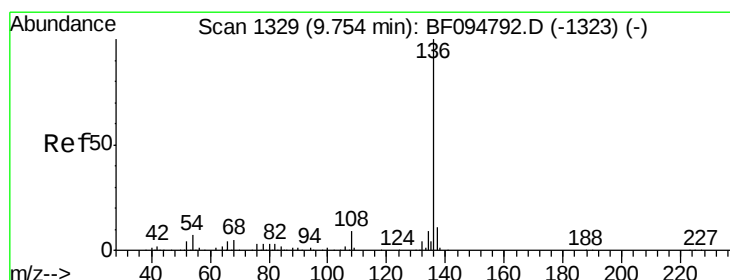
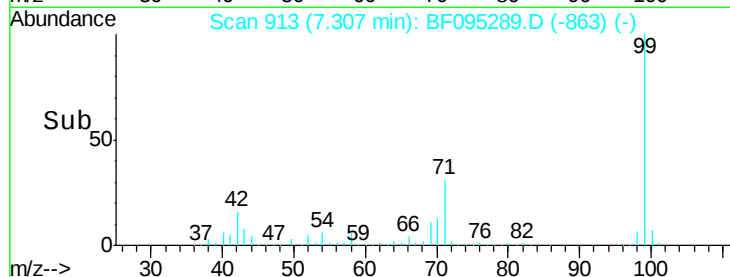
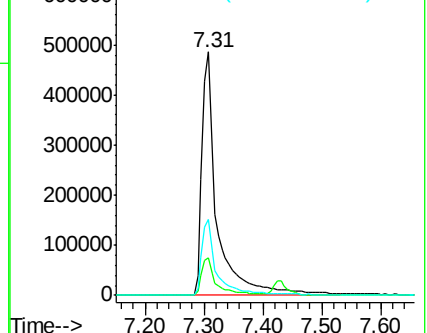
71 31.2 24.5 36.7



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: 9.78 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF095289.D

Acq: 20 May 2017 6:44

Tgt Ion: 136 Resp: 361290

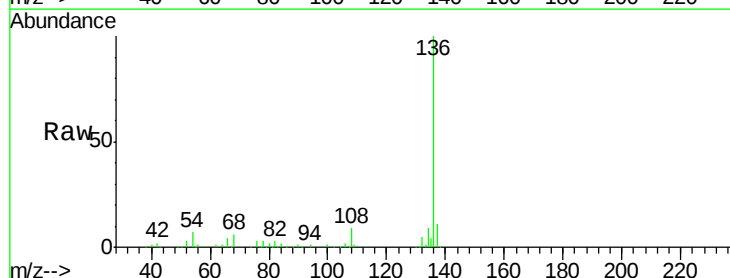
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.8 4.9 7.3

68 5.6 4.1 6.1

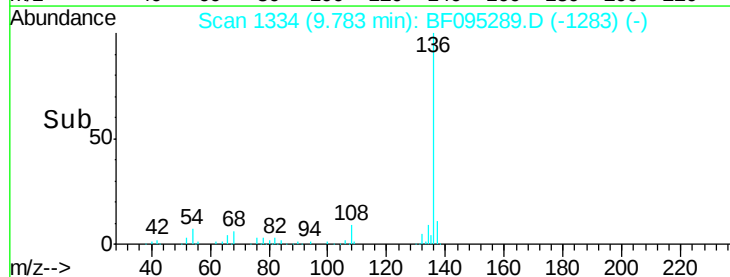
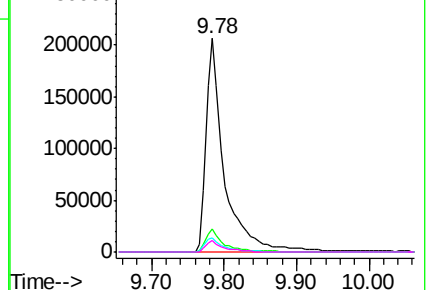


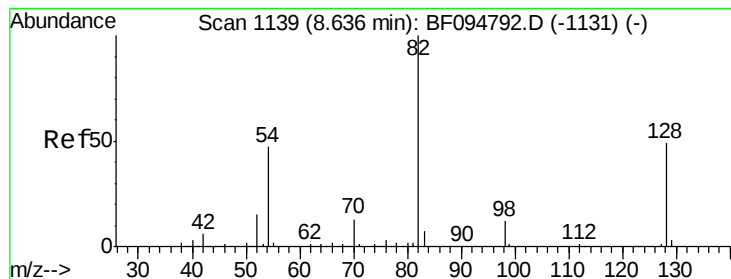
Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.61 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095289.D

Acq: 20 May 2017 6:44

Instrument :

BNA_F

ClientSampleId :

PB99081TB

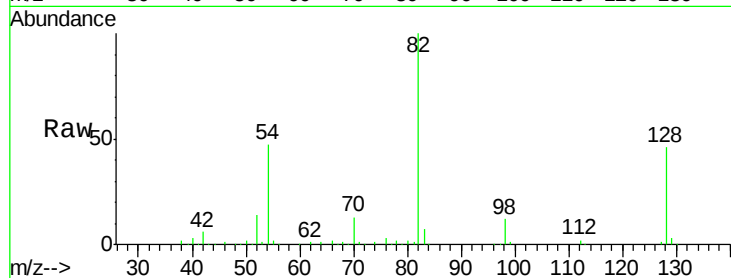
Tgt Ion: 82 Resp: 496253

Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

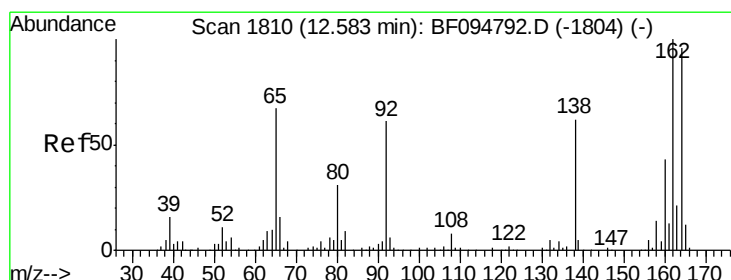
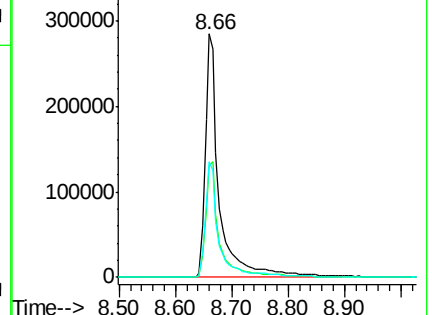
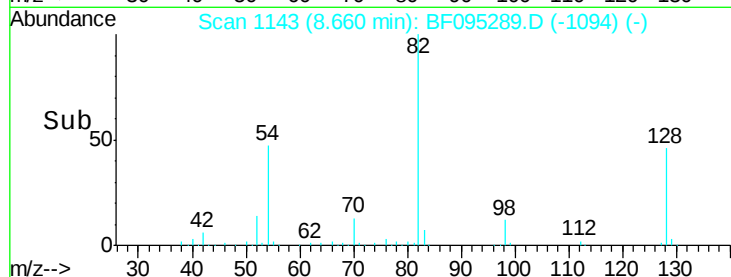
54 47.3 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095289.D

Acq: 20 May 2017 6:44

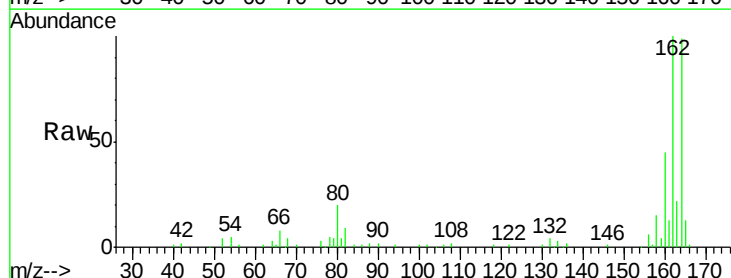
Tgt Ion: 164 Resp: 146452

Ion Ratio Lower Upper

164 100

162 101.3 82.6 123.8

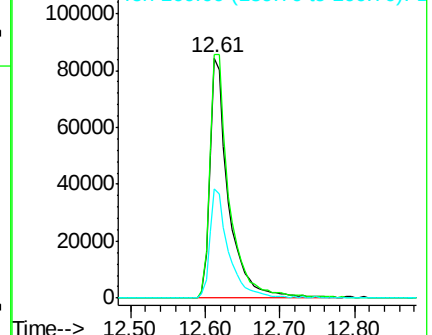
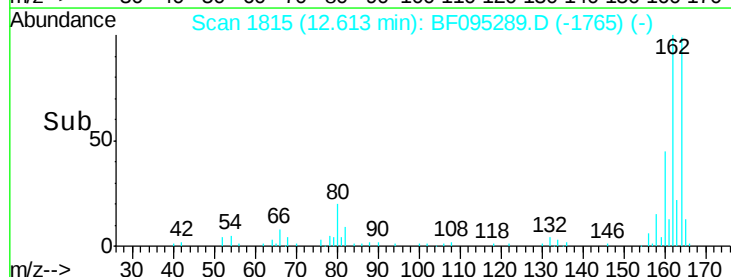
160 45.3 36.2 54.2

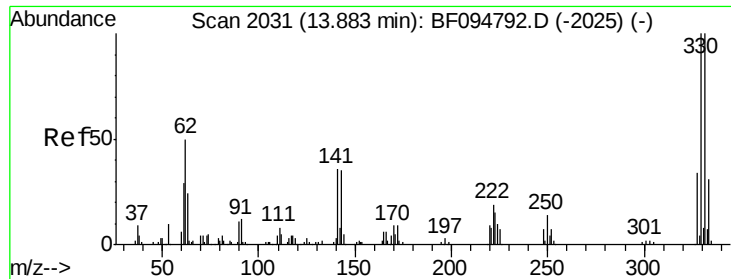


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

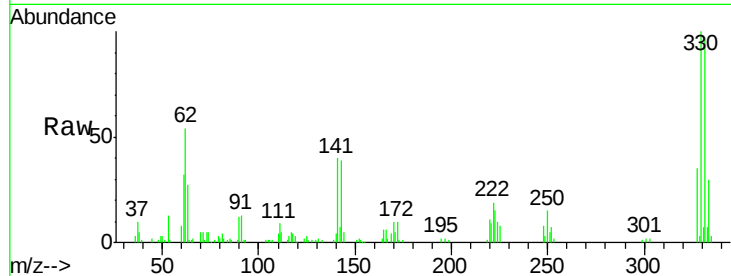




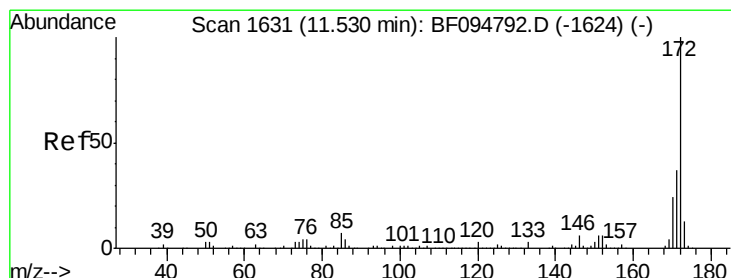
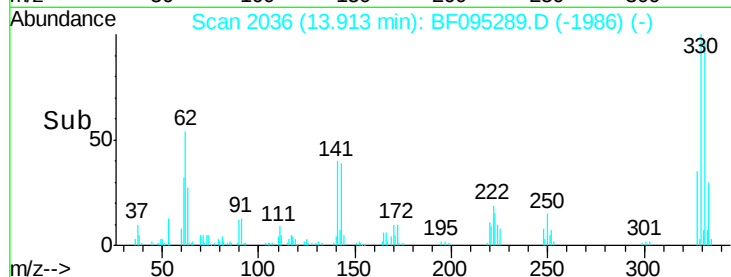
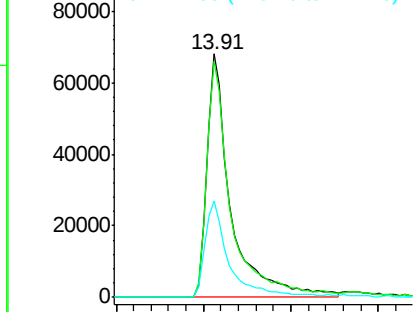
#41
 2,4,6-Tribromophenol
 Concen: 108.05 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095289.D
 Acq: 20 May 2017 6:44

Instrument :
 BNA_F
 ClientSampleId :
 PB99081TB

Tgt Ion: 330 Resp: 129591
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.6 115.0
 141 39.0 31.4 47.2

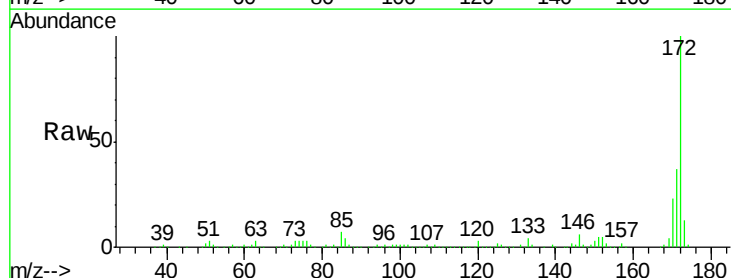


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

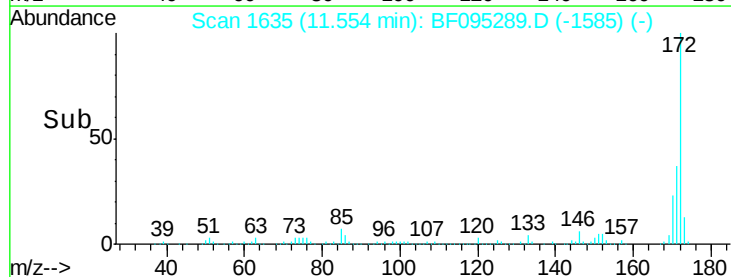
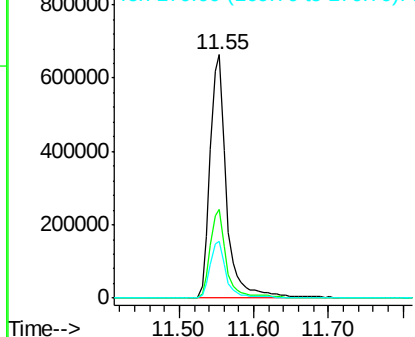


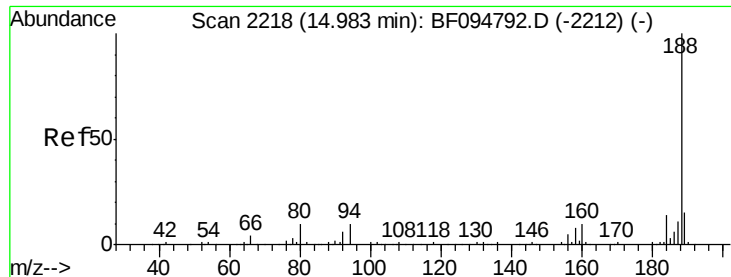
#44
 2-Fluorobiphenyl
 Concen: 99.98 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095289.D
 Acq: 20 May 2017 6:44

Tgt Ion: 172 Resp: 1017319
 Ion Ratio Lower Upper
 172 100
 171 36.6 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

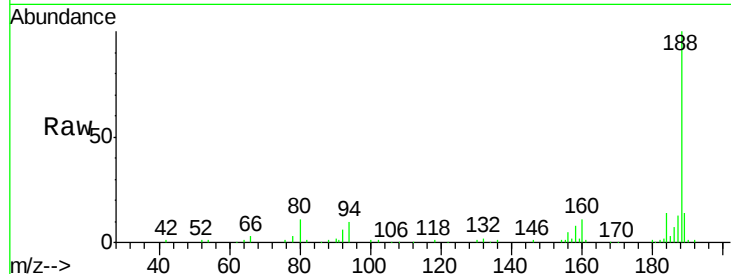




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095289.D
 Acq: 20 May 2017 6:44

Instrument :
 BNA_F
 ClientSampleId :
 PB99081TB

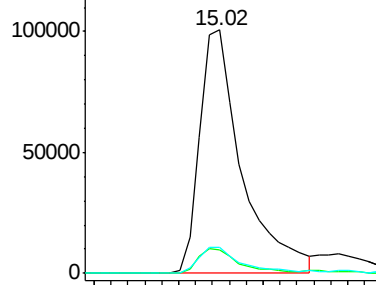
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	10.9	10.2	15.2



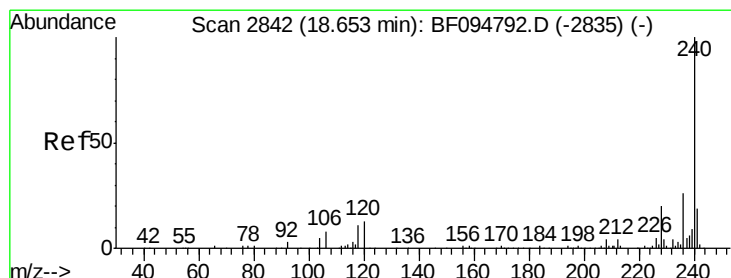
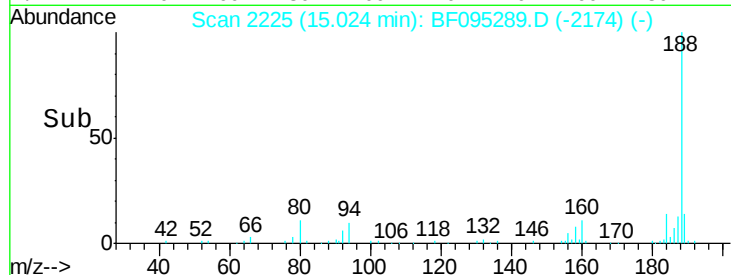
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

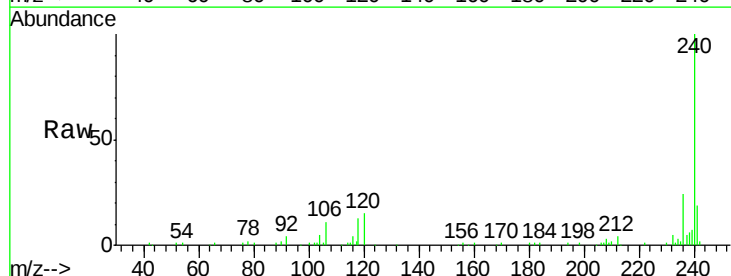


Time--> 14.95 15.00 15.05 15.10



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095289.D
 Acq: 20 May 2017 6:44

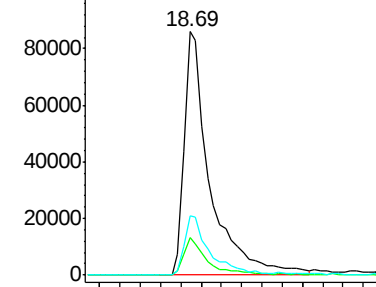
Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	24.3	20.5	30.7



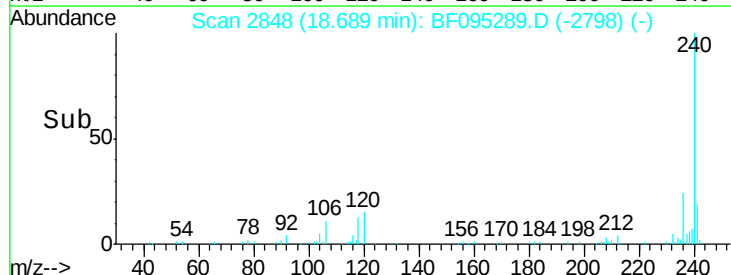
Abundance Ion 240.00 (239.70 to 240.70): E

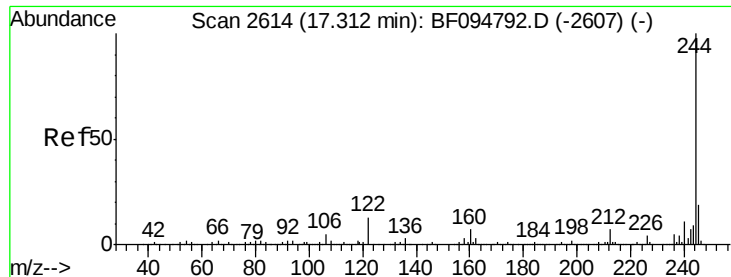
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 18.60 18.70 18.80

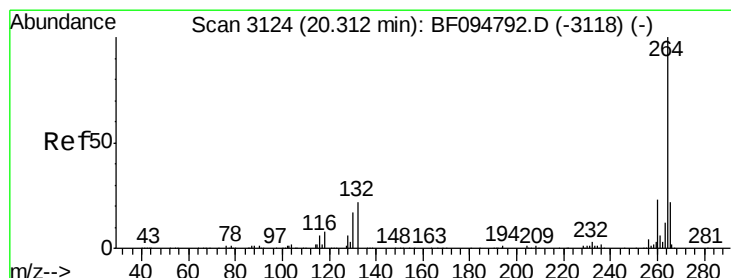
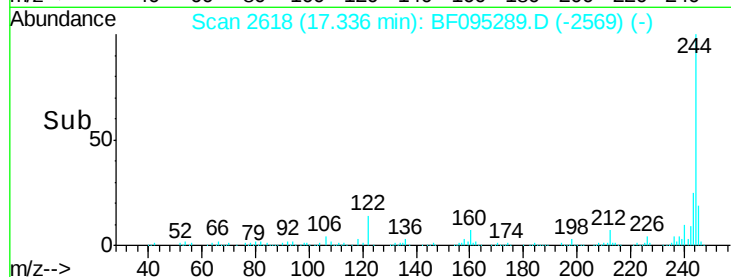
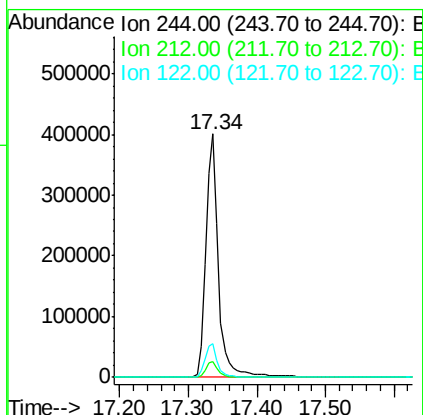
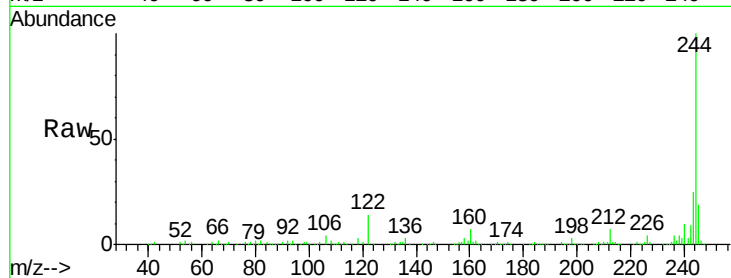




#78
 Terphenyl-d14
 Concen: 75.85 ng
 RT: 17.34 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BF095289.D
 Acq: 20 May 2017 6:44

Instrument :
 BNA_F
 ClientSampleId :
 PB99081TB

Tgt Ion:244 Resp: 524241
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BF095289.D
 Acq: 20 May 2017 6:44

Tgt Ion:264 Resp: 124186
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 22.5 17.2 25.8

