

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052317\
 Data File : BF095358.D
 Acq On : 23 May 2017 18:53
 Operator : SJ/MA
 Sample : I3243-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-TP-6

Quant Time: May 24 03:02:07 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

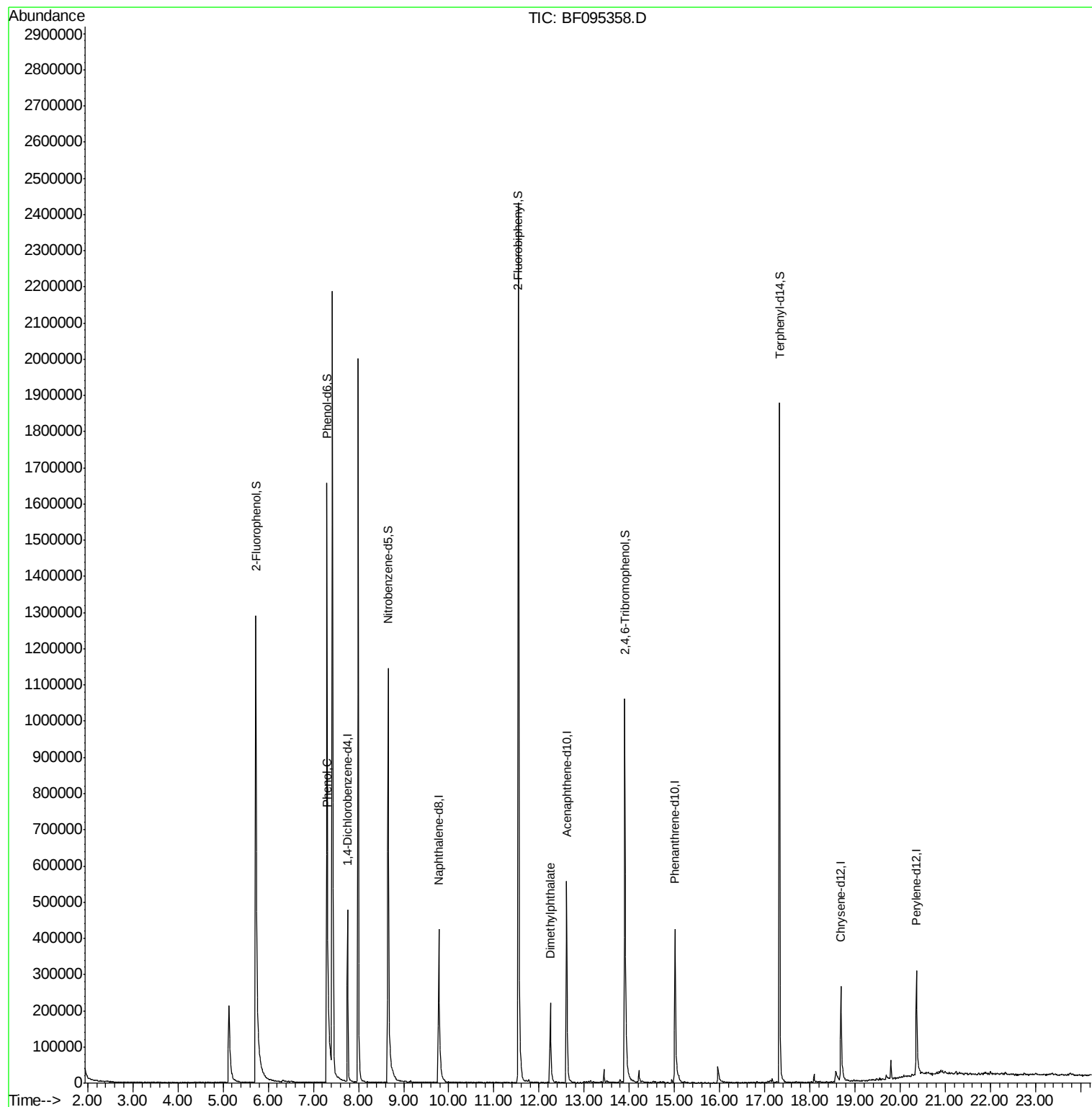
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	107374	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	450605	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	202669	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	329273	20.00	ng	-0.01
75) Chrysene-d12	18.69	240	175511	20.00	ng	0.00
86) Perylene-d12	20.36	264	180495	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	912042	141.61	ng	-0.01
7) Phenol-d6	7.30	99	1142012	147.79	ng	-0.01
23) Nitrobenzene-d5	8.66	82	689992	96.56	ng	-0.01
41) 2,4,6-Tribromophenol	13.90	330	229226	138.11	ng	-0.02
44) 2-Fluorobiphenyl	11.55	172	1335364	94.84	ng	-0.01
78) Terphenyl-d14	17.33	244	782350	98.18	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	20241	2.49	ng	Qvalue # 56
49) Dimethylphthalate	12.25	163	191922	11.54	ng	99

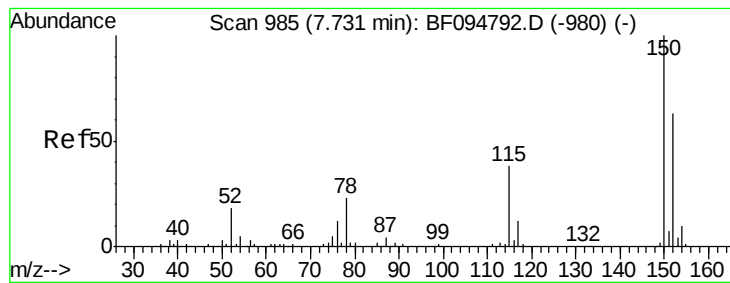
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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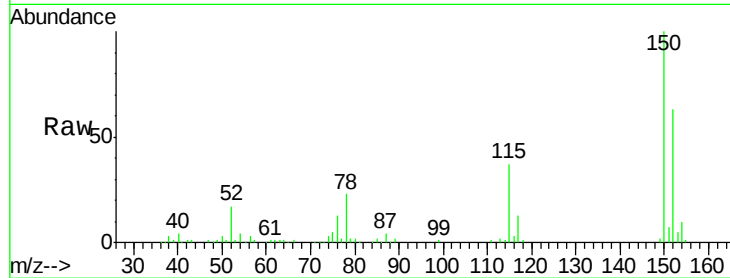


#1

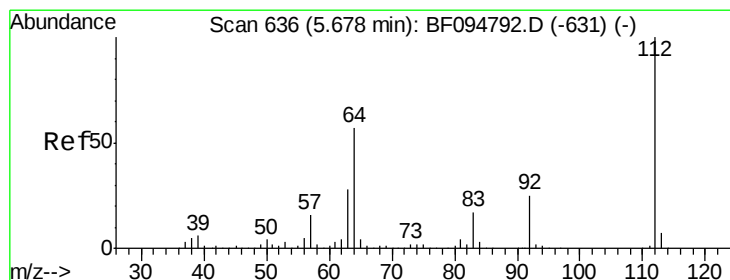
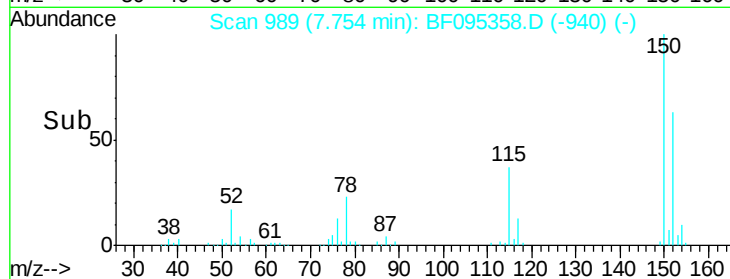
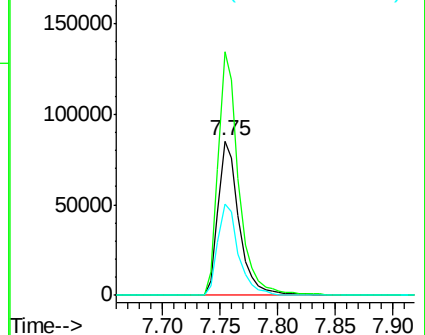
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF095358.D
 Acq: 23 May 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-TP-6

Tgt Ion:152 Resp: 107374
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.2 189.2
 115 58.9 52.2 78.2



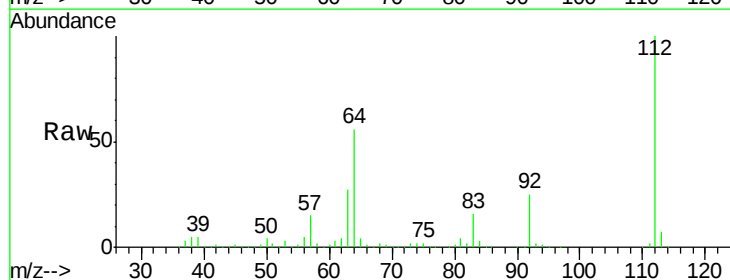
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



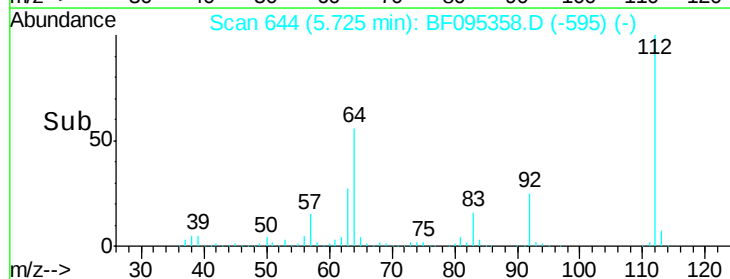
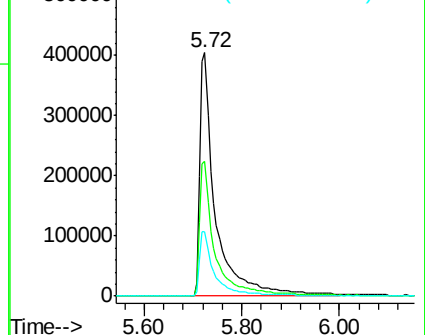
#5

2-Fluorophenol
 Concen: 141.61 ng
 RT: 5.72 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF095358.D
 Acq: 23 May 2017 18:53

Tgt Ion:112 Resp: 912042
 Ion Ratio Lower Upper
 112 100
 64 55.5 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: 147.79 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095358.D

Acq: 23 May 2017 18:53

Instrument :

BNA_F

ClientSampleId :

TP-5-TP-6

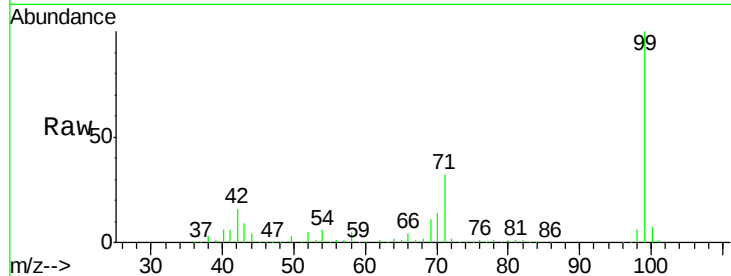
Tgt Ion: 99 Resp: 1142012

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

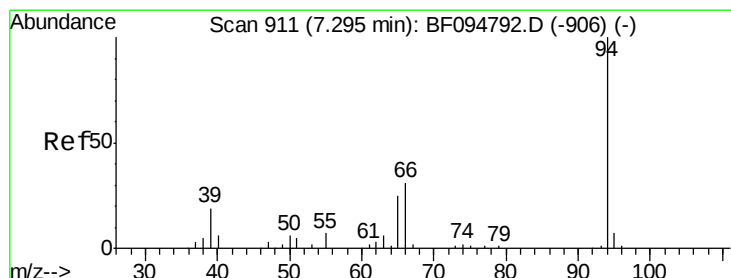
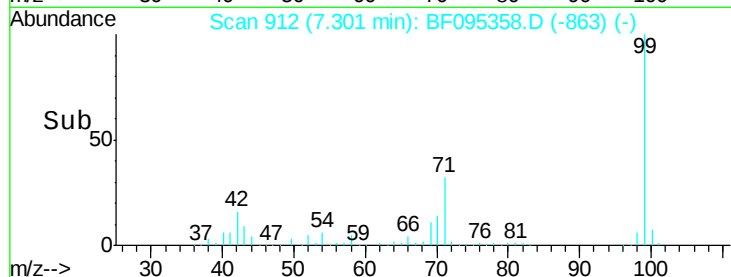
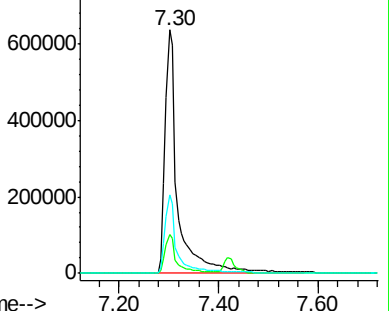
71 32.3 24.5 36.7



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



#10

Phenol

Concen: 2.49 ng

RT: 7.32 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF095358.D

Acq: 23 May 2017 18:53

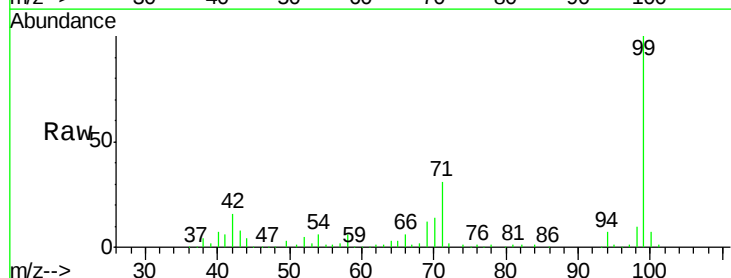
Tgt Ion: 94 Resp: 20241

Ion Ratio Lower Upper

94 100

65 39.0 9.9 49.9

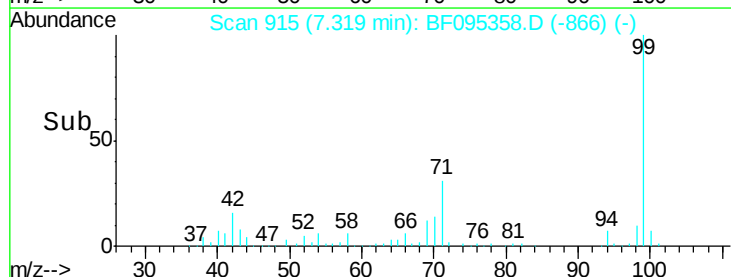
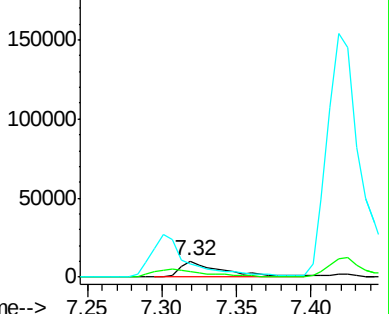
66 82.9 23.1 63.1#

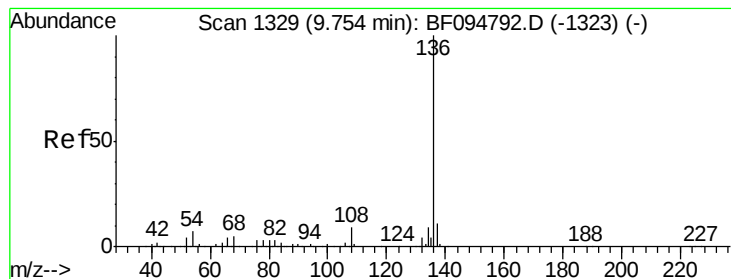


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095358.D

Acq: 23 May 2017 18:53

Instrument :

BNA_F

ClientSampleId :

TP-5-TP-6

Tgt Ion:136 Resp: 450605

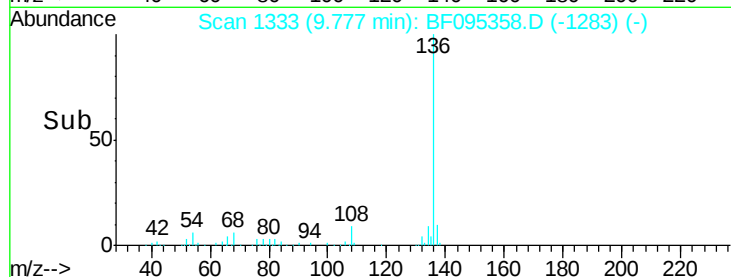
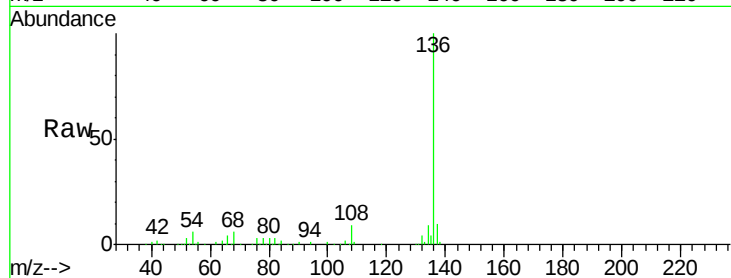
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.4 4.9 7.3

68 5.6 4.1 6.1

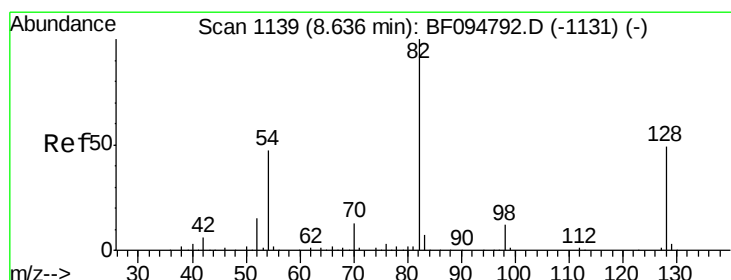
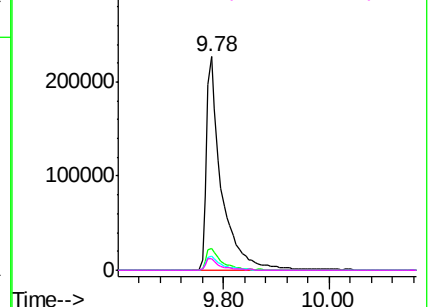


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.56 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095358.D

Acq: 23 May 2017 18:53

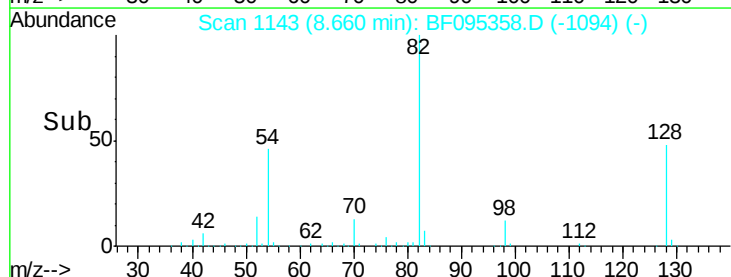
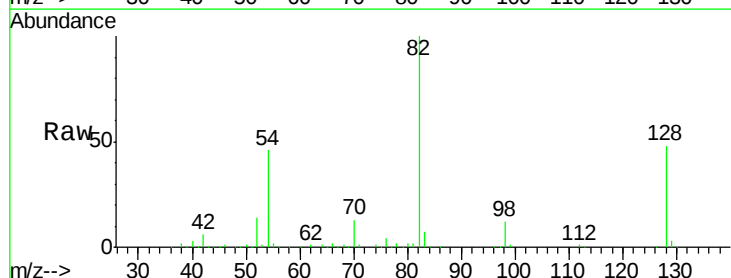
Tgt Ion: 82 Resp: 689992

Ion Ratio Lower Upper

82 100

128 48.2 34.0 51.0

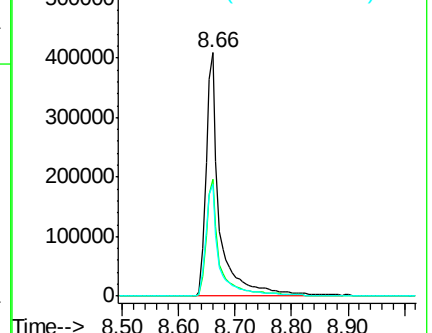
54 45.7 42.2 63.2

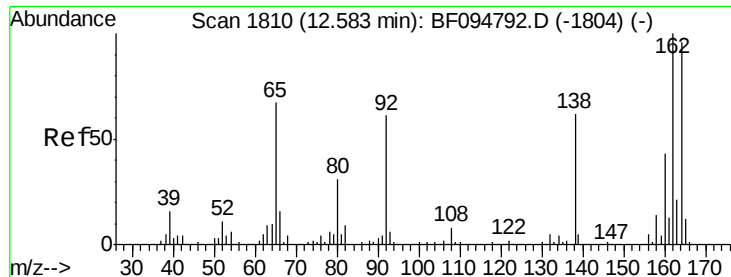


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.61 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF095358.D

Acq: 23 May 2017 18:53

Instrument :

BNA_F

ClientSampleId :

TP-5-TP-6

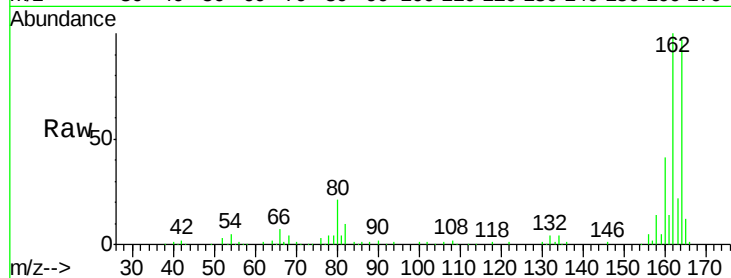
Tgt Ion:164 Resp: 202669

Ion Ratio Lower Upper

164 100

162 102.9 82.6 123.8

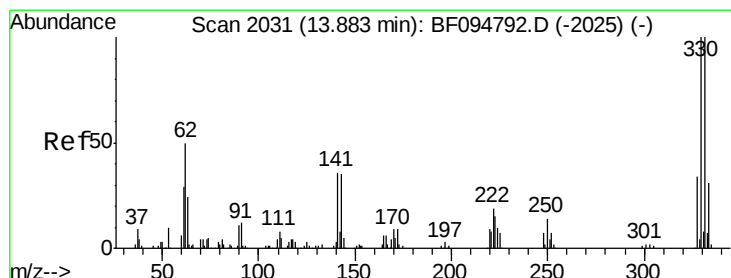
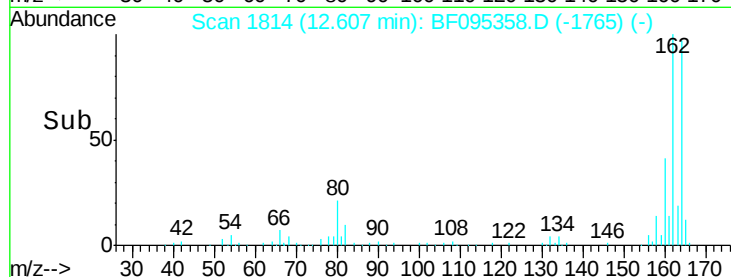
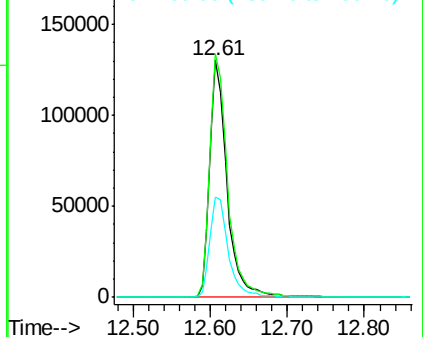
160 42.3 36.2 54.2



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: 138.11 ng

RT: 13.90 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF095358.D

Acq: 23 May 2017 18:53

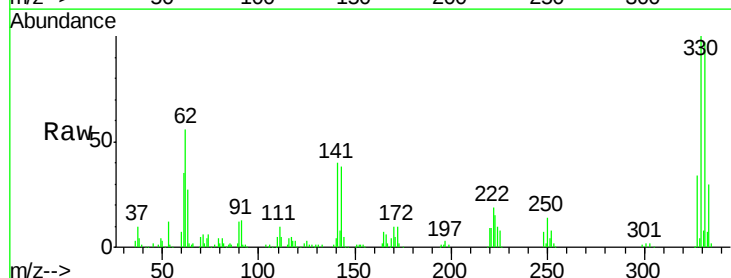
Tgt Ion:330 Resp: 229226

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

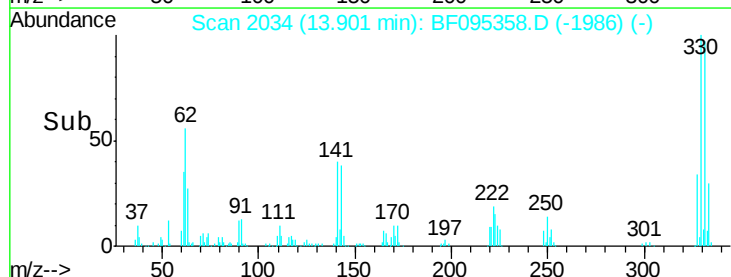
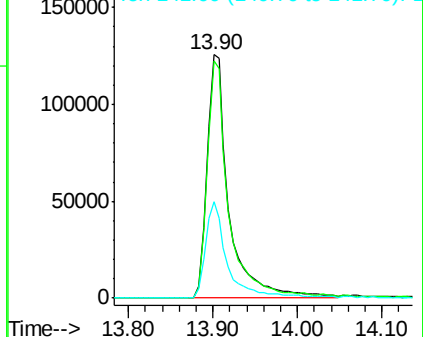
141 38.7 31.4 47.2

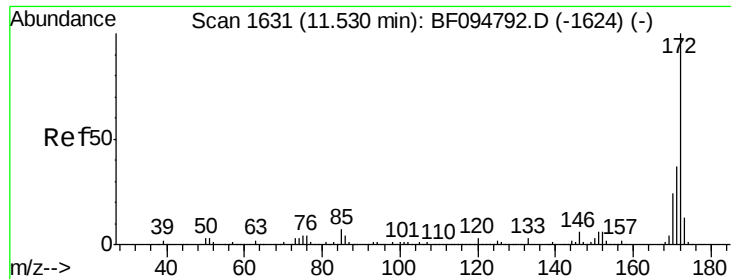


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

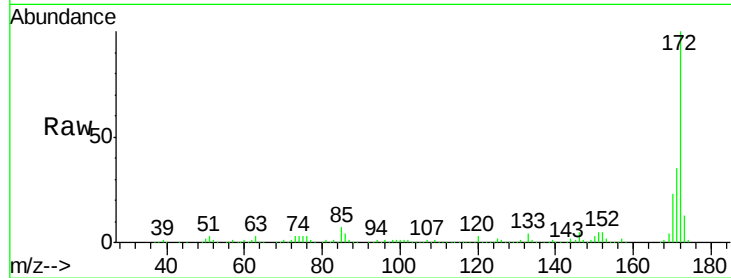




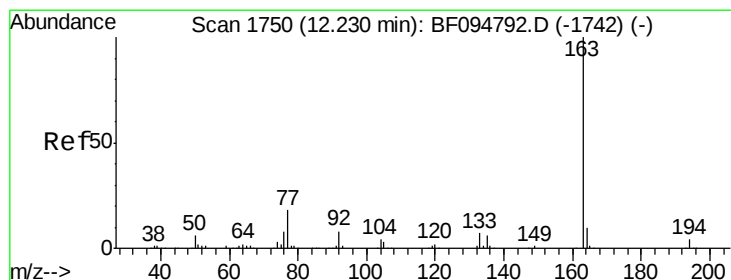
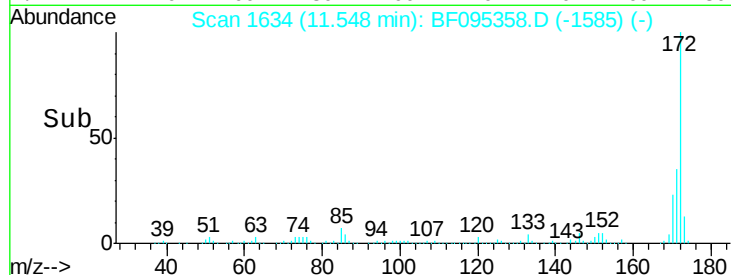
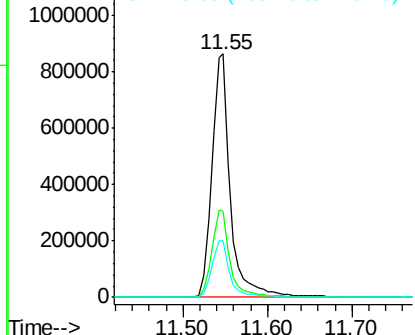
#44
2-Fluorobiphenyl
Concen: 94.84 ng
RT: 11.55 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BF095358.D
Acq: 23 May 2017 18:53

Instrument :
BNA_F
ClientSampleId :
TP-5-TP-6

Tgt Ion:172 Resp: 1335364
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.3 19.8 29.8

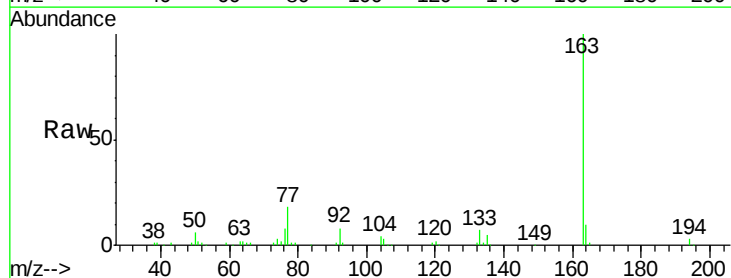


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

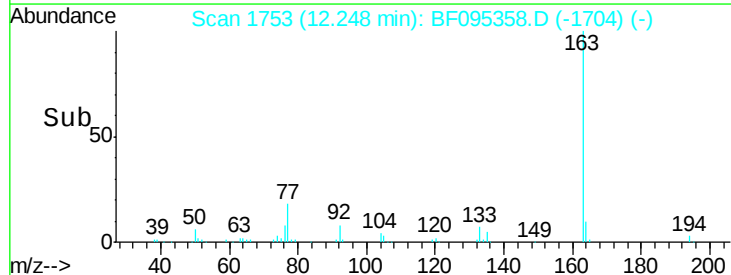
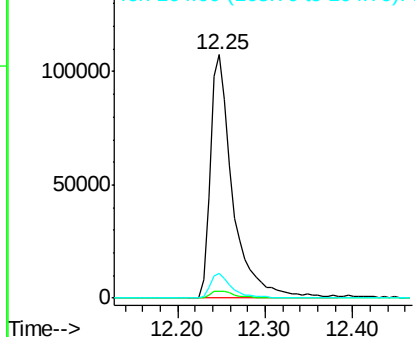


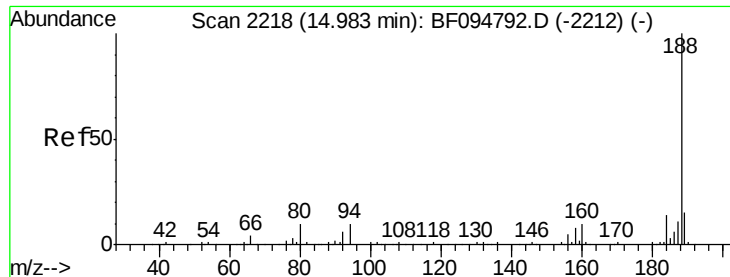
#49
Dimethylphthalate
Concen: 11.54 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095358.D
Acq: 23 May 2017 18:53

Tgt Ion:163 Resp: 191922
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.9 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

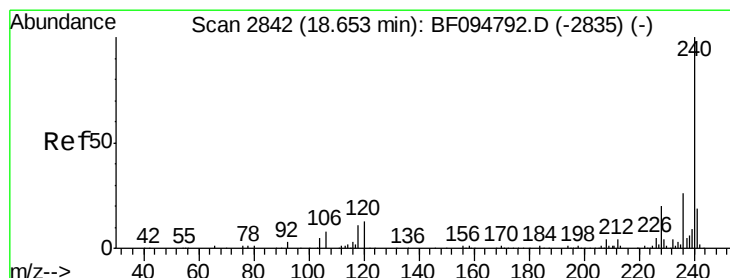
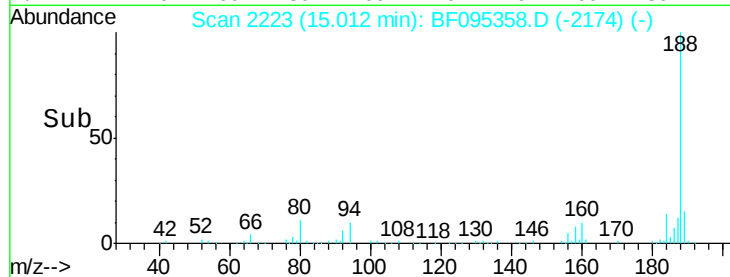
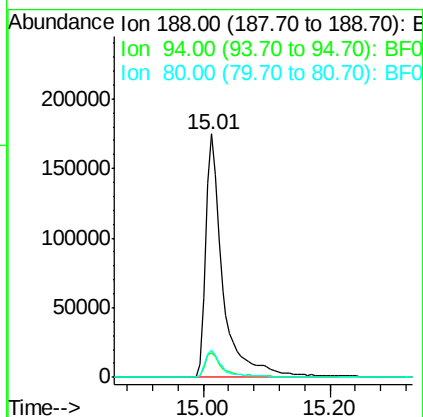
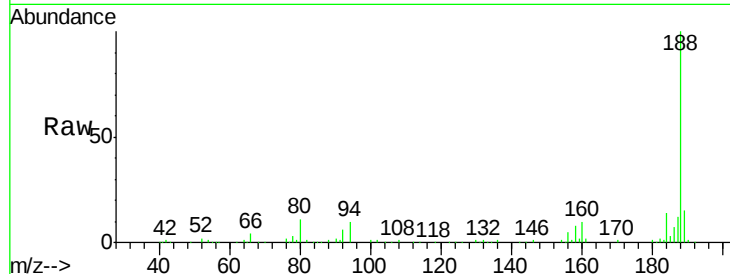




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF095358.D
 Acq: 23 May 2017 18:53

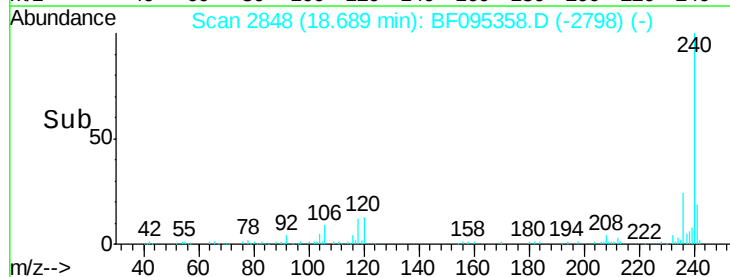
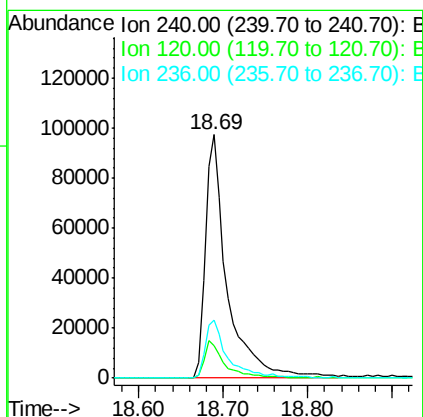
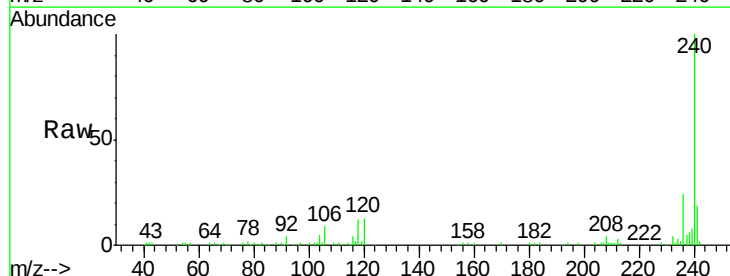
Instrument :
 BNA_F
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 TP-5-TP-6

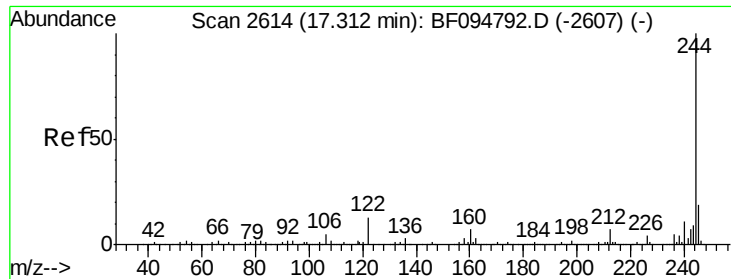
Tgt Ion:188 Resp: 329273
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 11.0 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095358.D
 Acq: 23 May 2017 18:53

Tgt Ion:240 Resp: 175511
 Ion Ratio Lower Upper
 240 100
 120 13.4 5.8 8.8#
 236 24.1 20.5 30.7

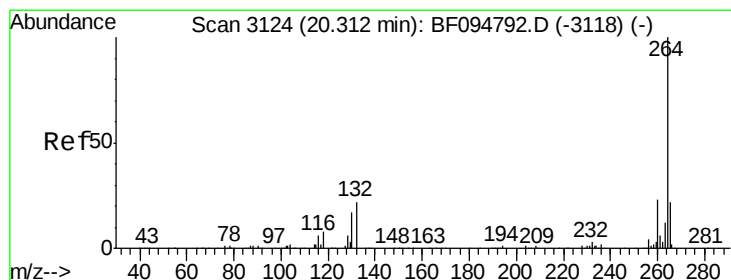
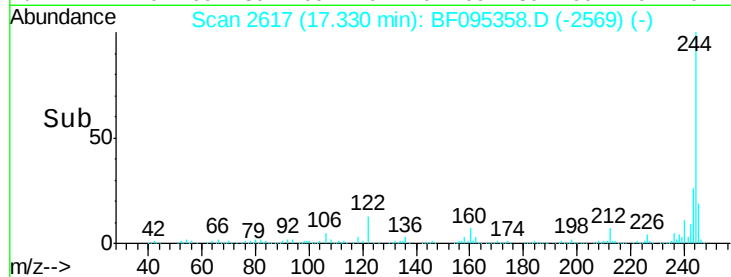
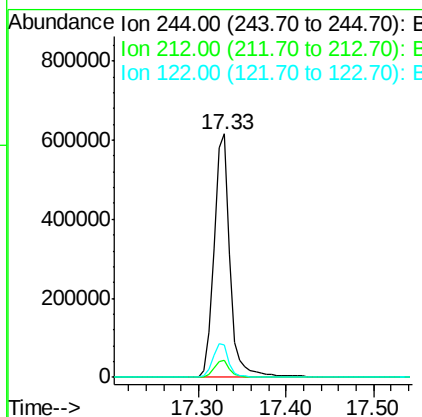
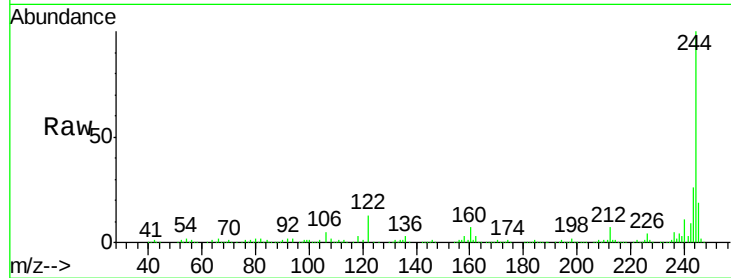




#78
 Terphenyl-d14
 Concen: 98.18 ng
 RT: 17.33 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BF095358.D
 Acq: 23 May 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-TP-6

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.4	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095358.D
 Acq: 23 May 2017 18:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.9	17.2	25.8

