

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095053.D
 Acq On : 10 May 2017 8:55
 Operator : SJ/MA
 Sample : I3031-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3COMP

Quant Time: May 10 11:08:50 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	7.71	152	100603	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	404828	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	176350	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	273579	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	199068	20.00	ng	-0.02
86) Perylene-d12	20.31	264	160369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	801011	132.75	ng	0.00
7) Phenol-d6	7.26	99	899283	124.21	ng	-0.02
23) Nitrobenzene-d5	8.61	82	611424	95.24	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	182616	126.44	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1185039	96.72	ng	-0.02
78) Terphenyl-d14	17.29	244	803911	88.95	ng	-0.02

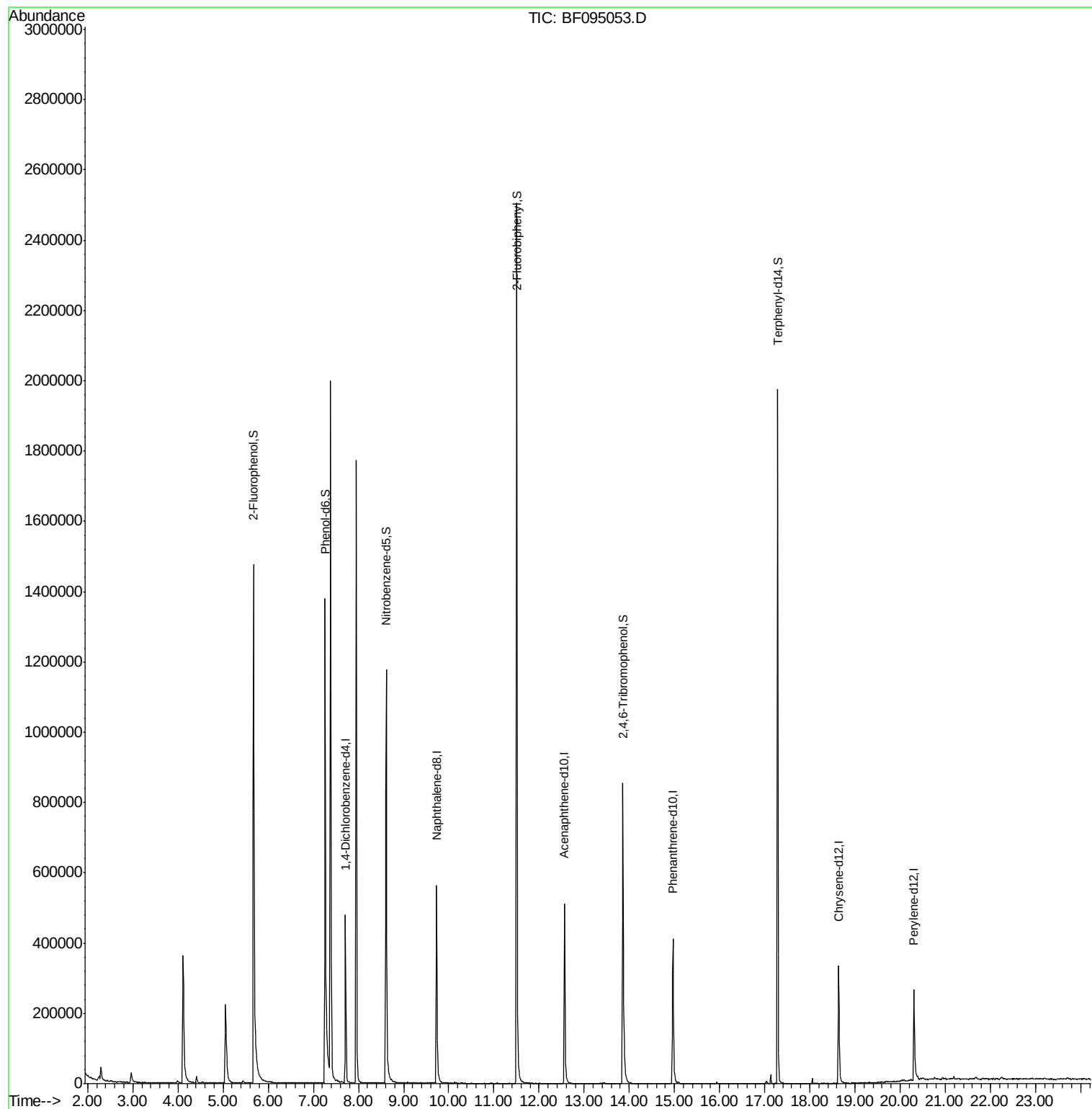
Target Compounds Qvalue

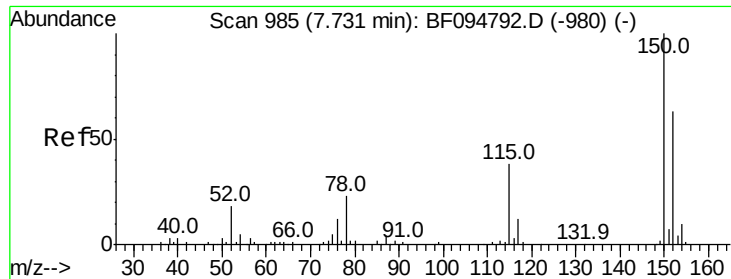
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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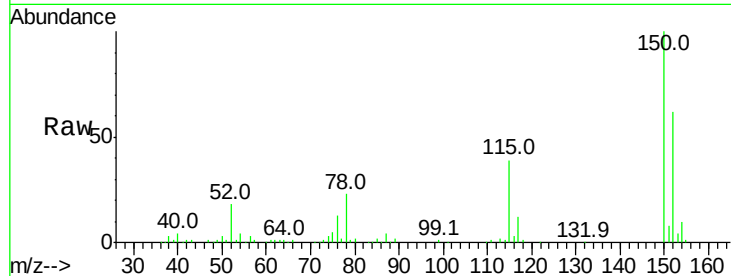


#1

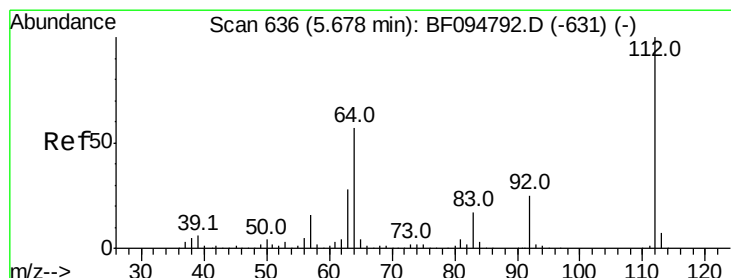
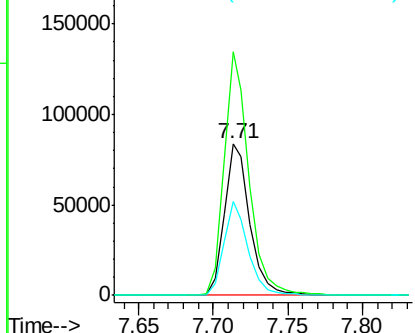
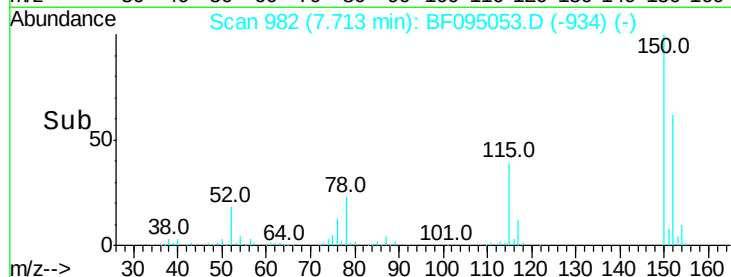
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095053.D
Acq: 10 May 2017 8:55

Instrument :
BNA_F
ClientSampleId :
TP-1-3COMP

Tot Ion:152 Resp: 100603
Ion Ratio Lower Upper
152 100
150 160.3 126.2 189.2
115 61.7 52.2 78.2



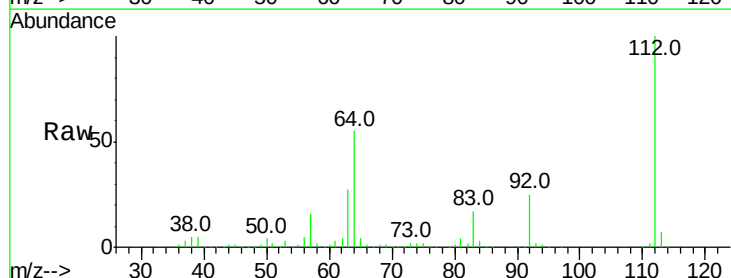
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



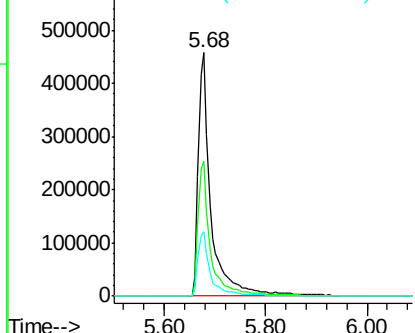
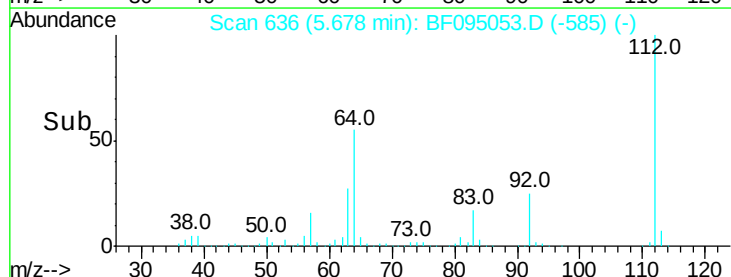
#5

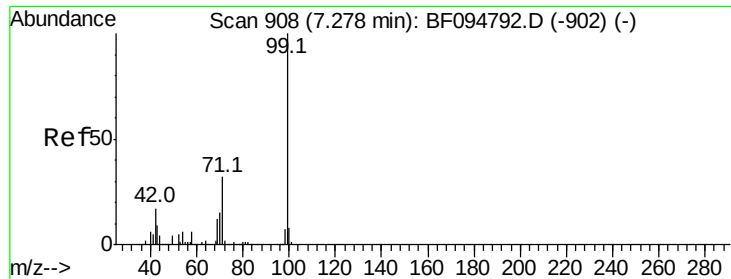
2-Fluorophenol
Concen: 132.75 ng
RT: 5.68 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF095053.D
Acq: 10 May 2017 8:55

Tgt Ion:112 Resp: 801011
Ion Ratio Lower Upper
112 100
64 55.2 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: 124.21 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095053.D

Acq: 10 May 2017 8:55

Instrument :

BNA_F

ClientSampleId :

TP-1-3COMP

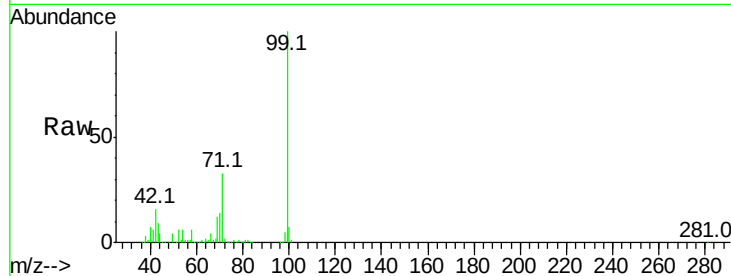
Tot Ion: 99 Resp: 899283

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

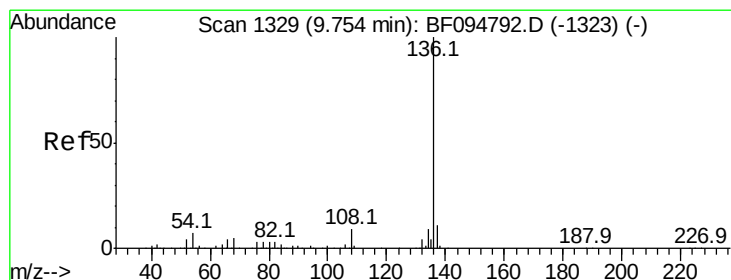
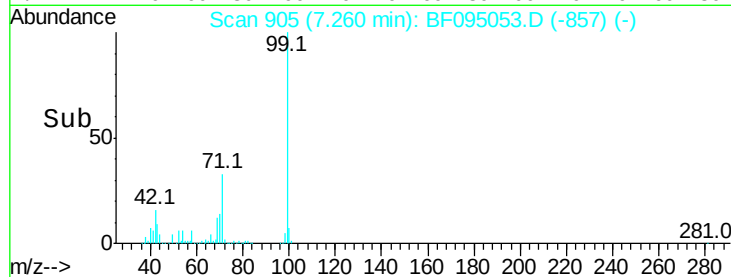
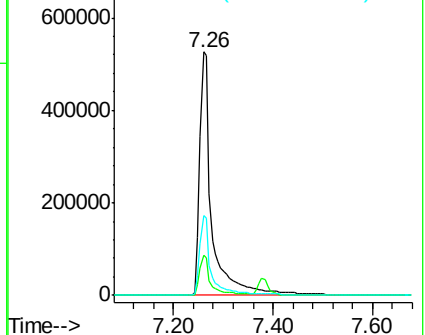
71 33.0 24.5 36.7



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: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095053.D

Acq: 10 May 2017 8:55

Tgt Ion: 136 Resp: 404828

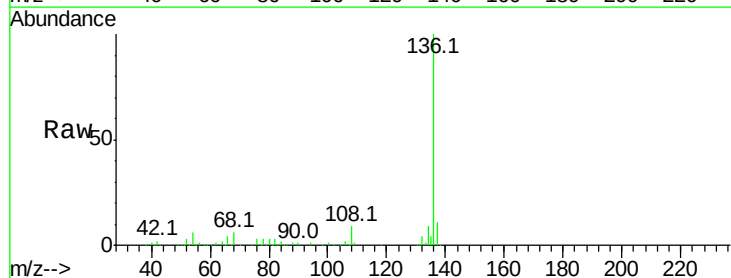
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.4 4.9 7.3

68 5.7 4.1 6.1

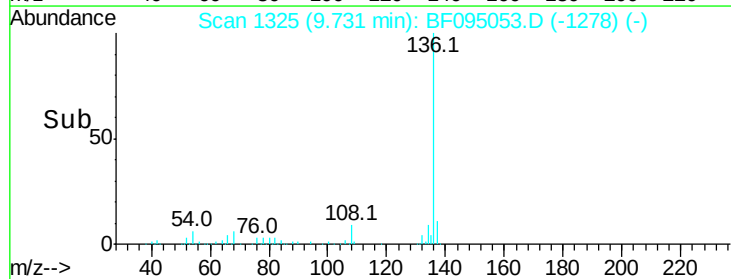
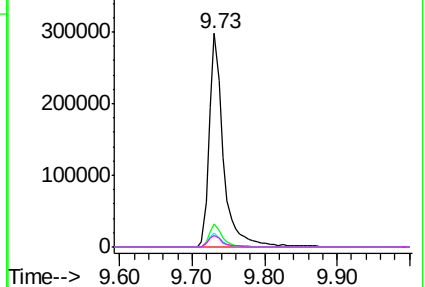


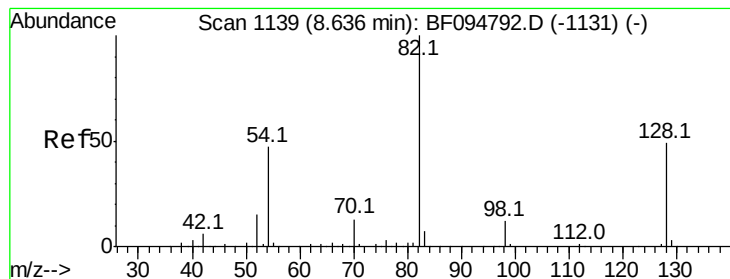
Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.24 ng

RT: 8.61 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF095053.D

Acq: 10 May 2017 8:55

Instrument :

BNA_F

ClientSampleId :

TP-1-3COMP

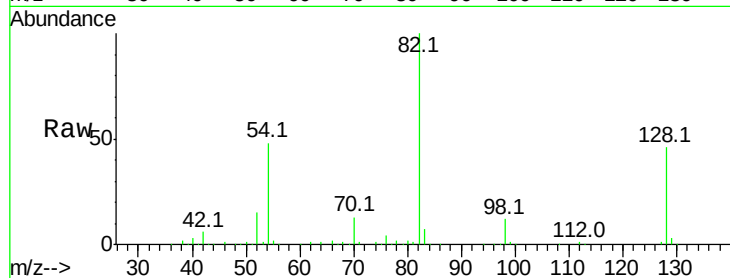
Tot Ion: 82 Resp: 611424

Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

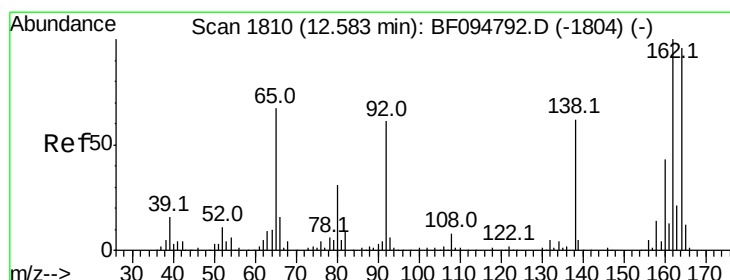
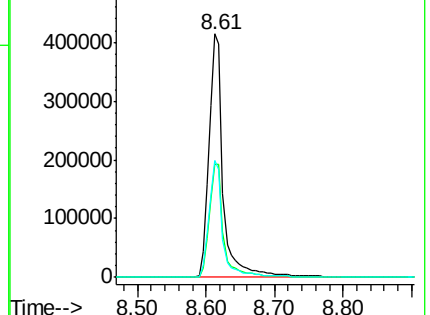
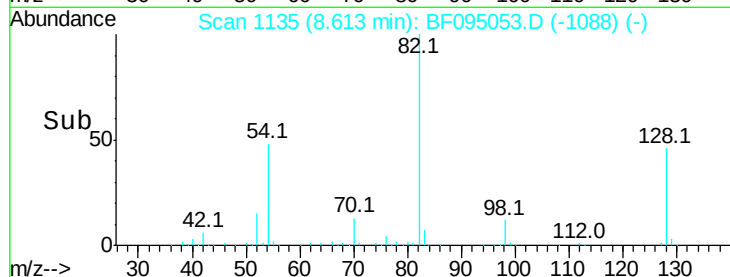
54 47.9 42.2 63.2



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: 12.57 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BF095053.D

Acq: 10 May 2017 8:55

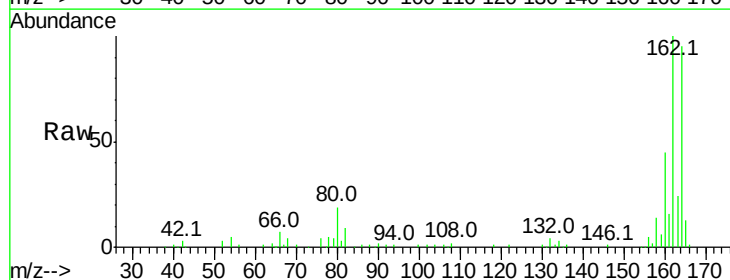
Tgt Ion: 164 Resp: 176350

Ion Ratio Lower Upper

164 100

162 105.8 82.6 123.8

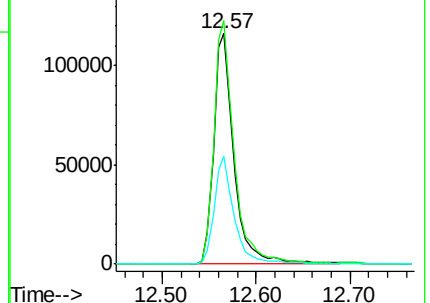
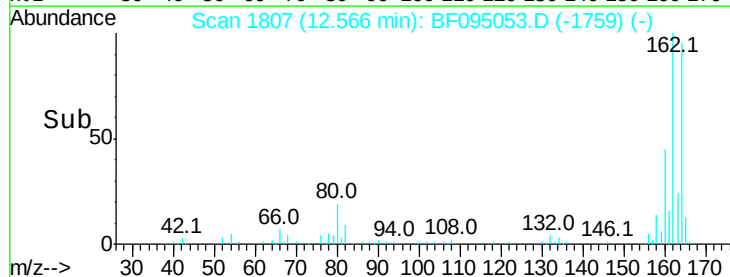
160 47.1 36.2 54.2

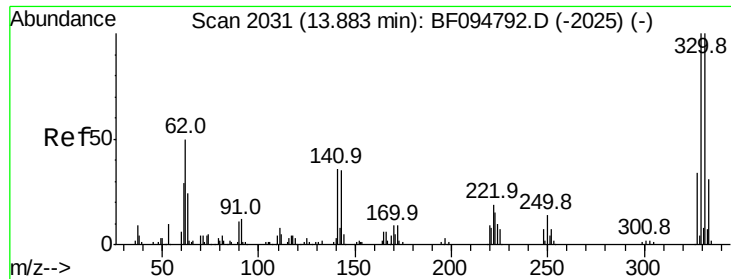


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

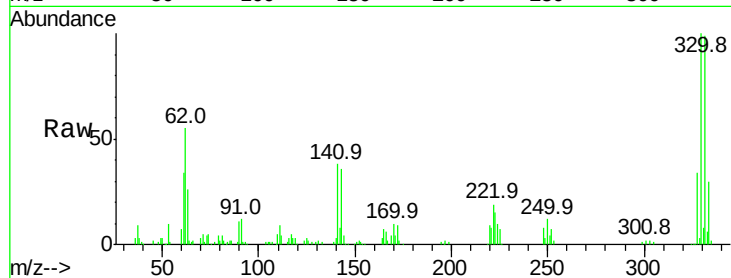




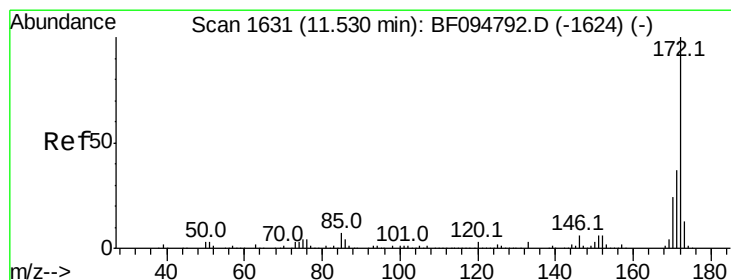
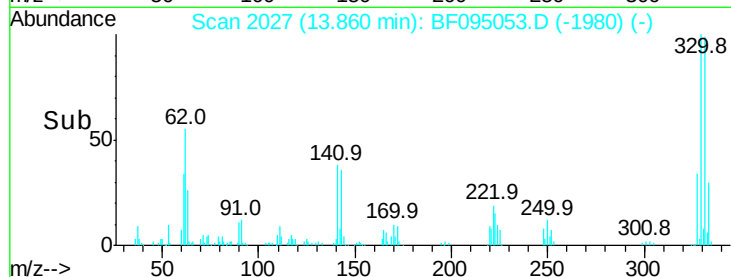
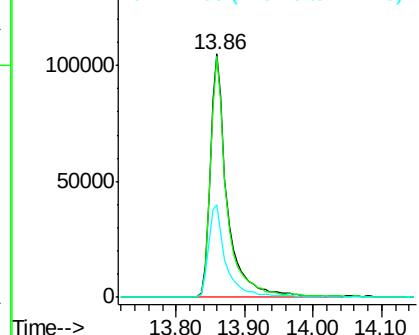
#41
 2,4,6-Tribromophenol
 Concen: 126.44 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF095053.D
 Acq: 10 May 2017 8:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	39.2	31.4	47.2

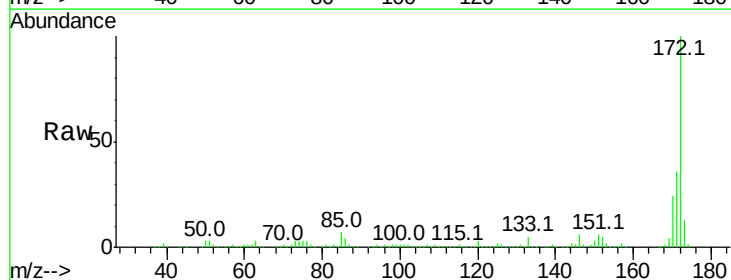


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

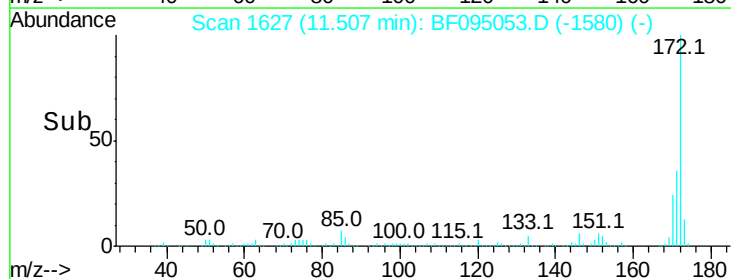
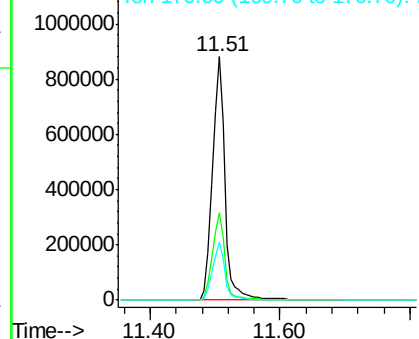


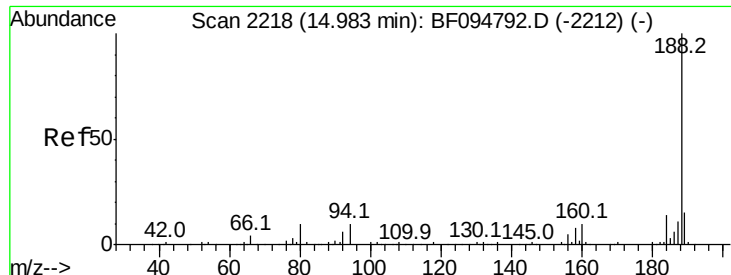
#44
 2-Fluorobiphenyl
 Concen: 96.72 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095053.D
 Acq: 10 May 2017 8:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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

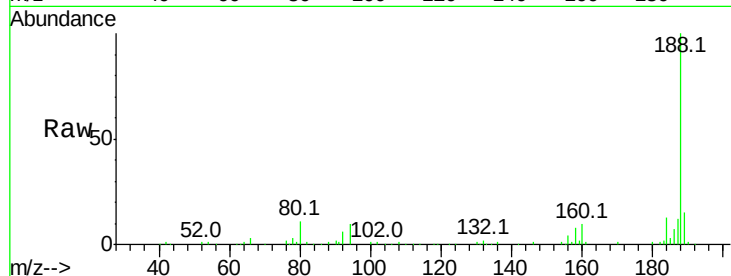




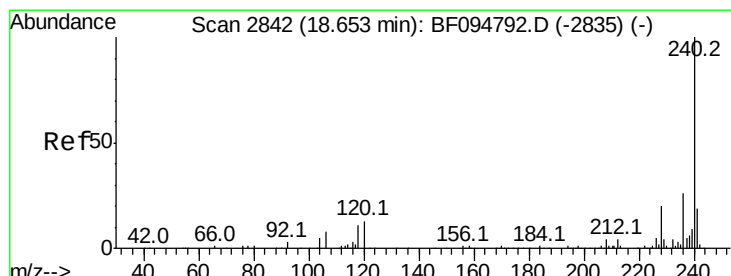
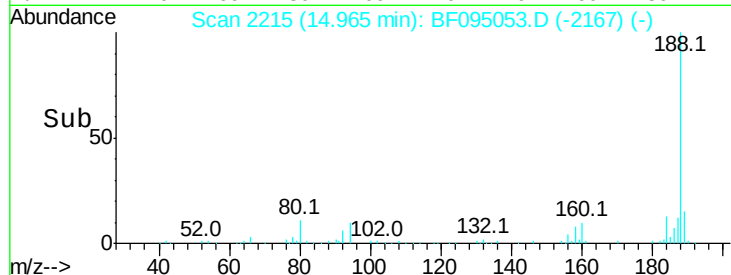
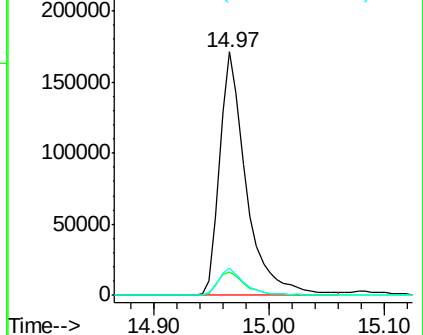
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BF095053.D
 Acq: 10 May 2017 8:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3COMP

Tot Ion:188 Resp: 273579
 Ion Ratio Lower Upper
 188 100
 94 9.7 9.4 14.2
 80 11.4 10.2 15.2

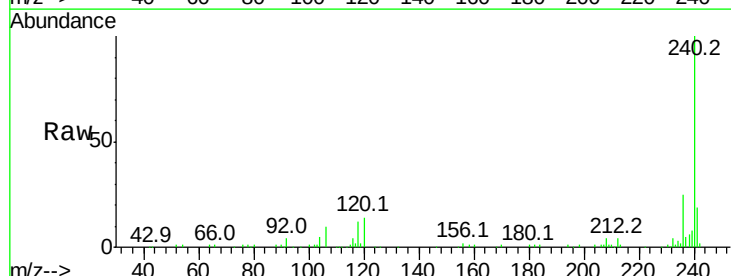


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

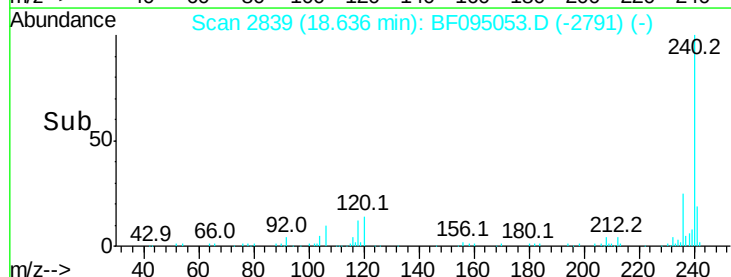
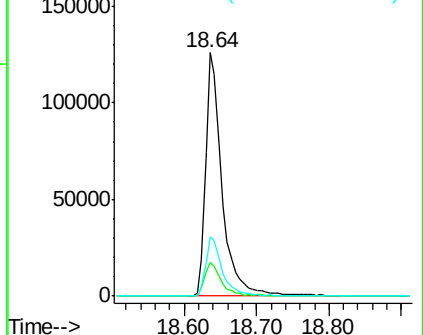


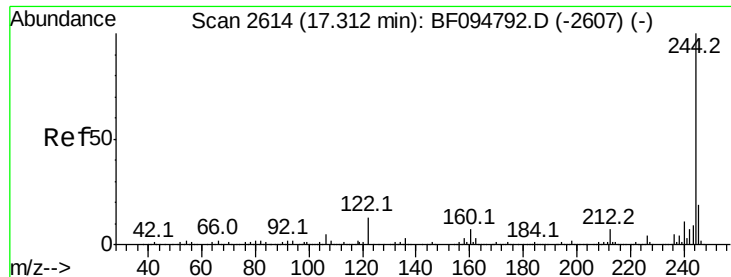
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF095053.D
 Acq: 10 May 2017 8:55

Tgt Ion:240 Resp: 199068
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 24.5 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: 88.95 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF095053.D

Acq: 10 May 2017 8:55

Instrument :

BNA_F

ClientSampleId :

TP-1-3COMP

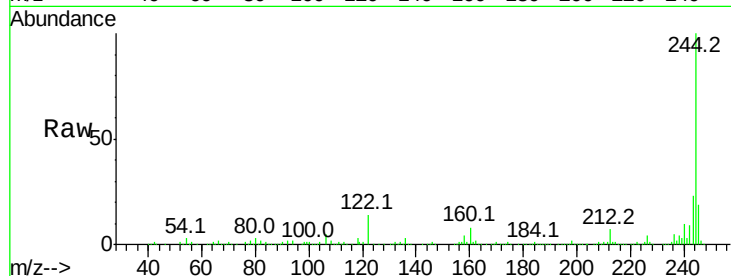
Tot Ion:244 Resp: 803911

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

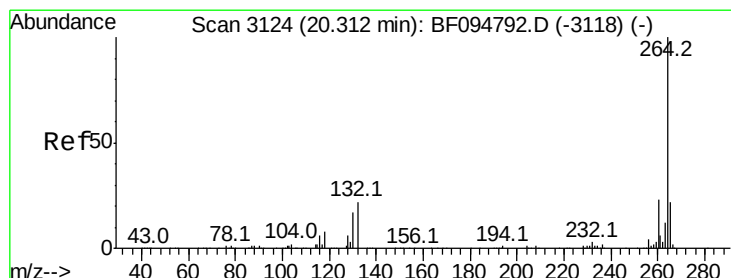
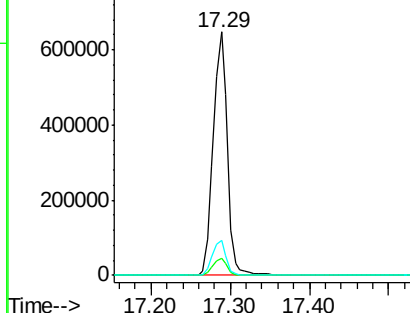
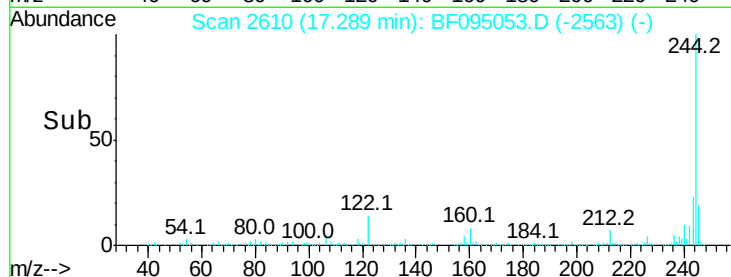
122 14.2 10.3 15.5



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: 20.31 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BF095053.D

Acq: 10 May 2017 8:55

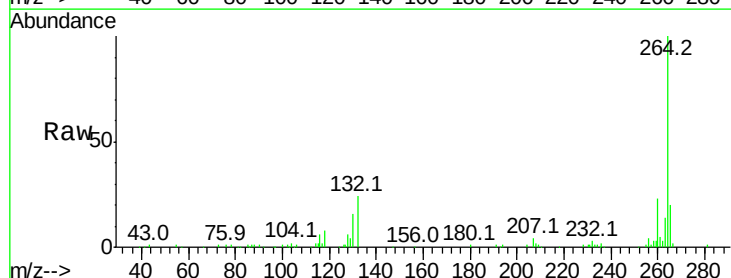
Tgt Ion:264 Resp: 160369

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 20.2 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

