

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095050.D
 Acq On : 10 May 2017 7:19
 Operator : SJ/MA
 Sample : I3027-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-5-6-COMP

Quant Time: May 10 07:57:57 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	89433	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	382627	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	167260	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	248974	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	191449	20.00	ng	-0.02
86) Perylene-d12	20.31	264	175908	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	754295	140.62	ng	0.00
7) Phenol-d6	7.26	99	888863	138.10	ng	-0.02
23) Nitrobenzene-d5	8.61	82	575695	94.88	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	186376	136.06	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1091918	93.96	ng	-0.02
78) Terphenyl-d14	17.29	244	766254	88.16	ng	-0.02

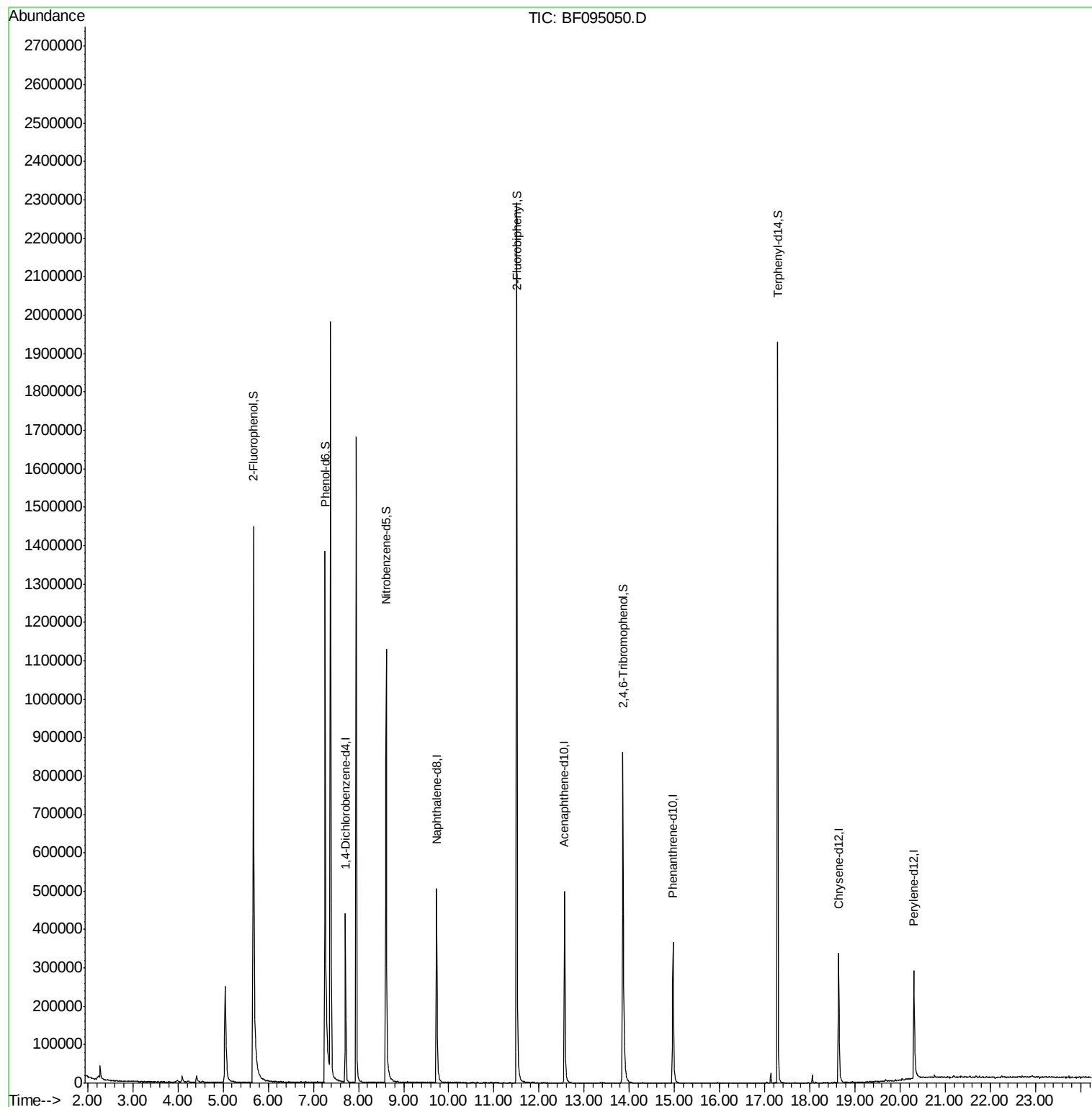
Target Compounds Qvalue

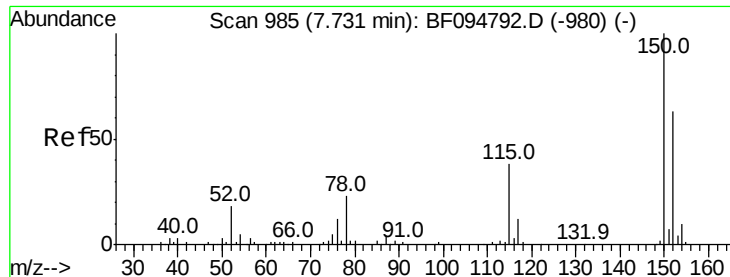
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
Data File : BF095050.D
Acq On : 10 May 2017 7:19
Operator : SJ/MA
Sample : I3027-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4-5-6-COMP

Quant Time: May 10 07:57:57 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



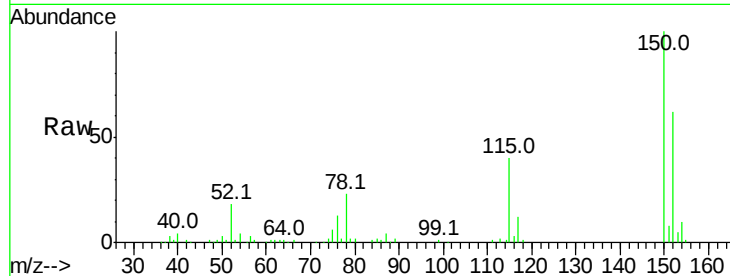


#1

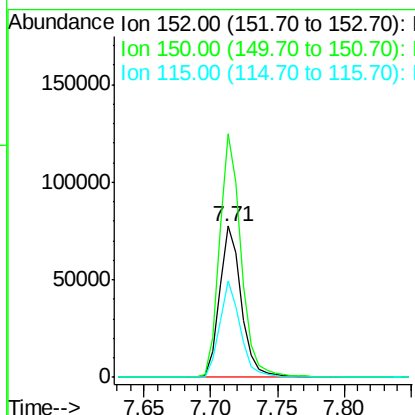
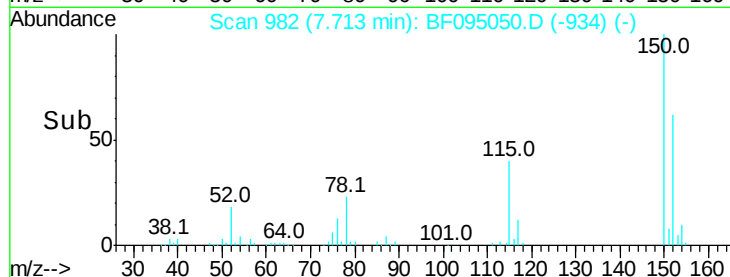
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095050.D
Acq: 10 May 2017 7:19

Instrument :
BNA_F
ClientSampleId :
TP-4-5-6-COMP

Tot Ion:152 Resp: 89433
Ion Ratio Lower Upper
152 100
150 160.9 126.2 189.2
115 63.8 52.2 78.2



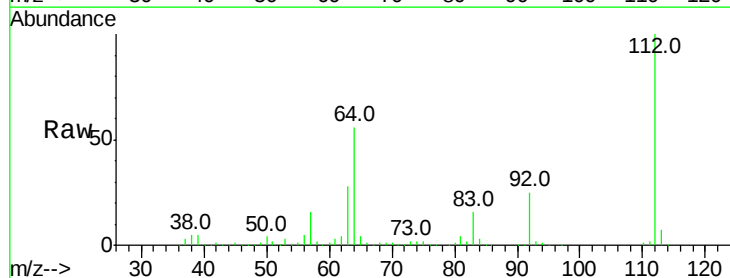
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



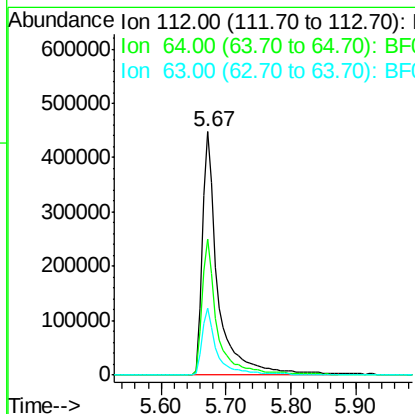
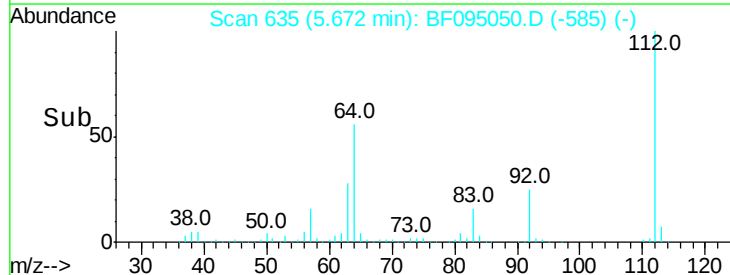
#5

2-Fluorophenol
Concen: 140.62 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF095050.D
Acq: 10 May 2017 7:19

Tgt Ion:112 Resp: 754295
Ion Ratio Lower Upper
112 100
64 55.7 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: 138.10 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095050.D

Acq: 10 May 2017 7:19

Instrument :

BNA_F

ClientSampleId :

TP-4-5-6-COMP

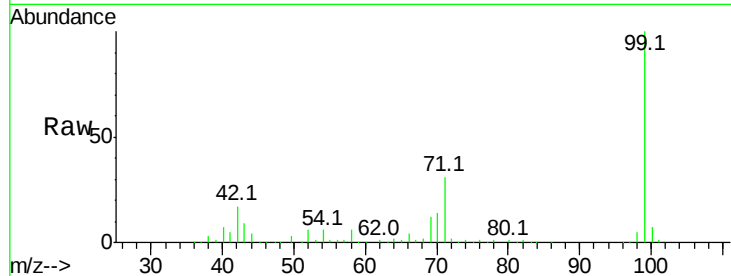
Tot Ion: 99 Resp: 888863

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

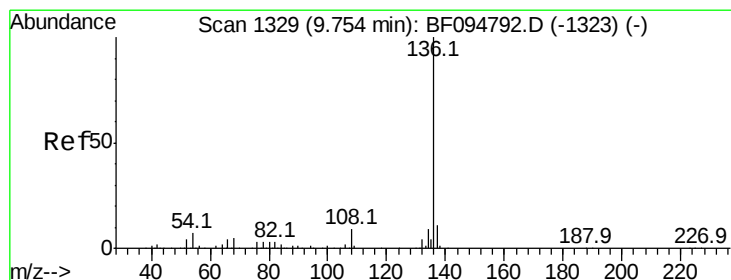
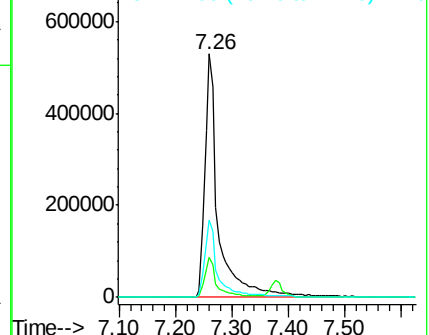
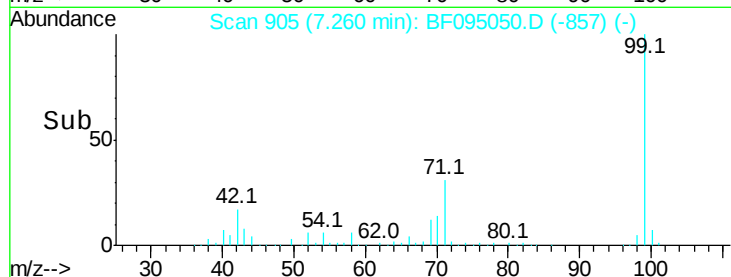
71 31.5 24.5 36.7



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: BF095050.D

Acq: 10 May 2017 7:19

Tgt Ion: 136 Resp: 382627

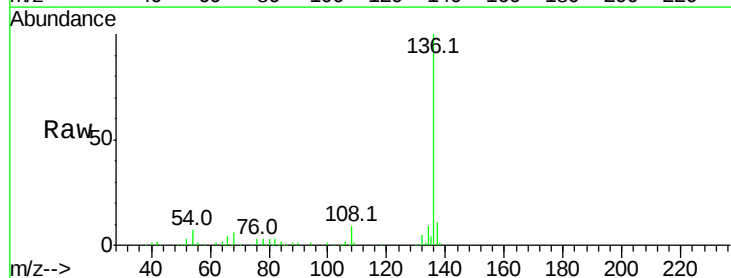
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.2 4.9 7.3

68 5.5 4.1 6.1

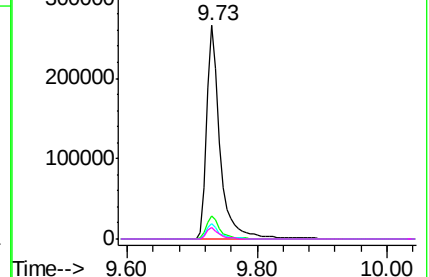
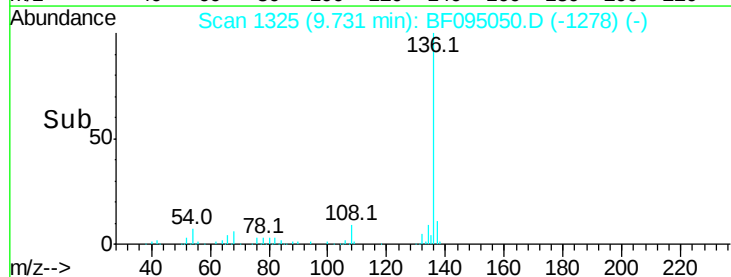


Abundance Ion 136.00 (135.70 to 136.70): E

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

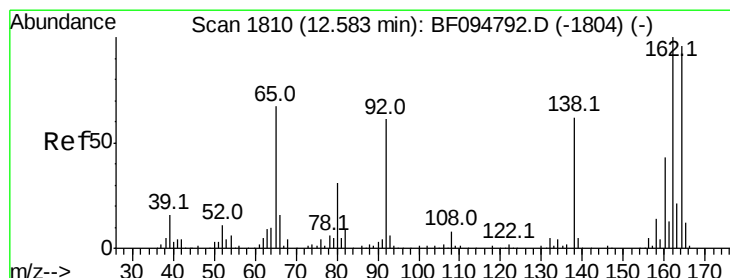
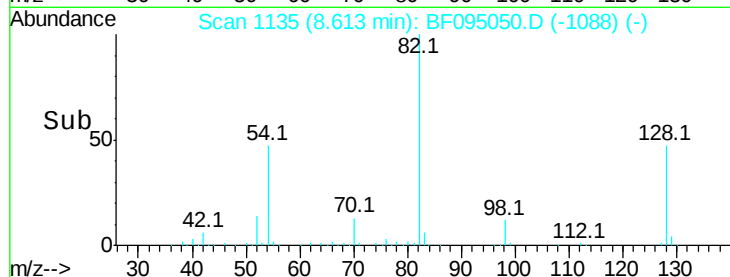
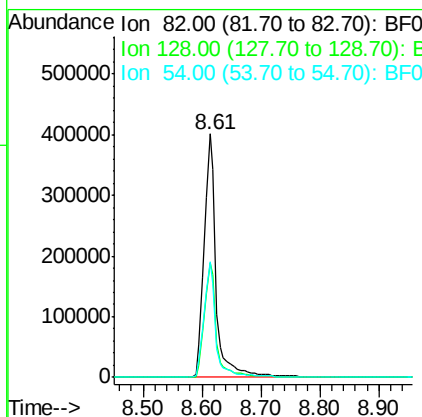
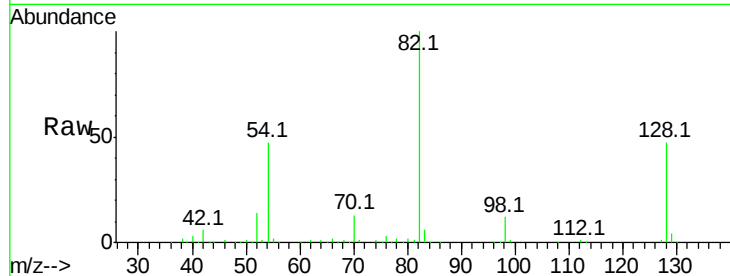




#23
 Nitrobenzene-d5
 Concen: 94.88 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF095050.D
 Acq: 10 May 2017 7:19

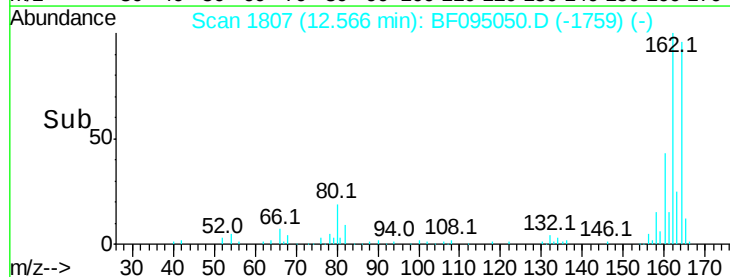
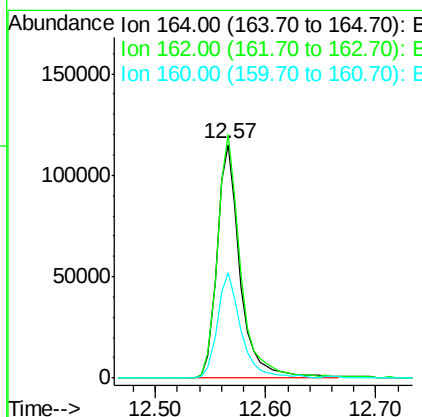
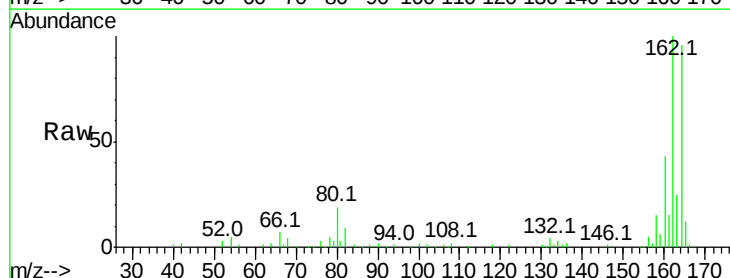
Instrument :
 BNA_F
 ClientSampleId :
 TP-4-5-6-COMP

Tot Ion: 82 Resp: 575695
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 47.3 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1807
 Delta R.T. -0.02 min
 Lab File: BF095050.D
 Acq: 10 May 2017 7:19

Tgt Ion:164 Resp: 167260
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.6 123.8
 160 45.3 36.2 54.2

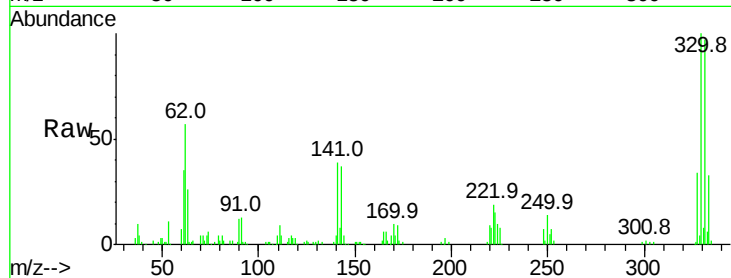




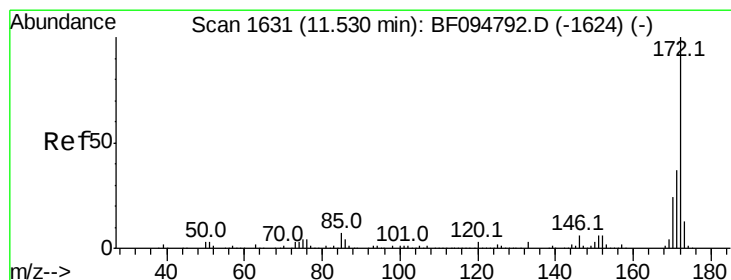
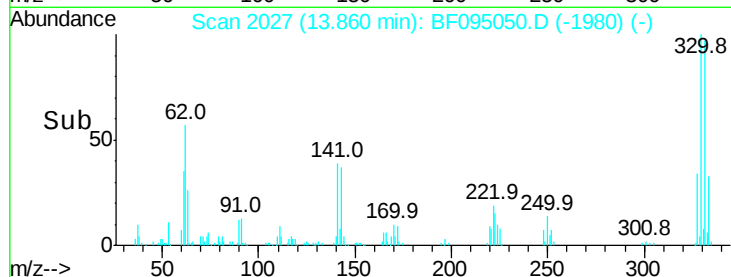
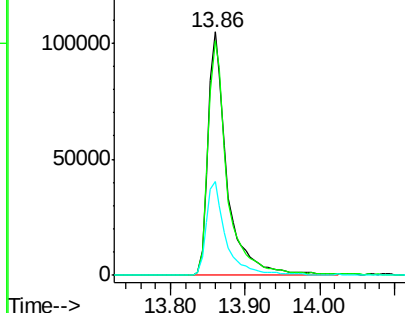
#41
 2,4,6-Tribromophenol
 Concen: 136.06 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF095050.D
 Acq: 10 May 2017 7:19

Instrument :
 BNA_F
 ClientSampleId :
 TP-4-5-6-COMP

Tot Ion:330 Resp: 186376
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 39.6 31.4 47.2

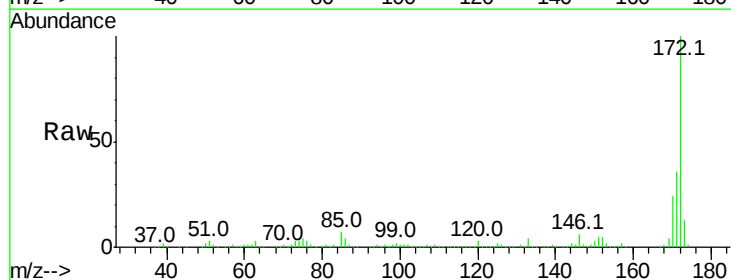


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

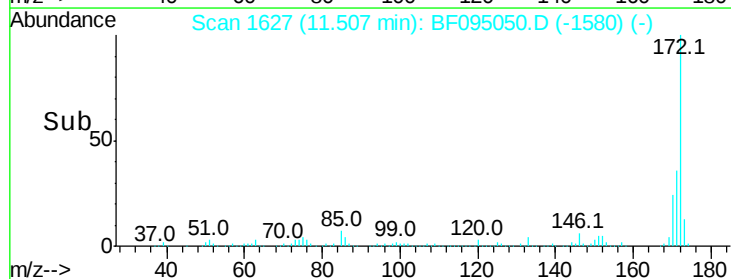
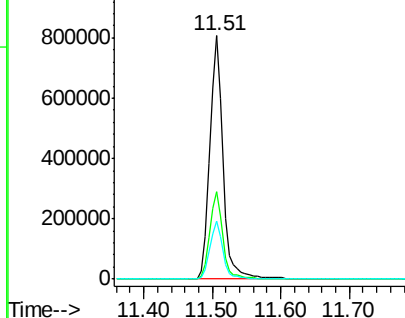


#44
 2-Fluorobiphenyl
 Concen: 93.96 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095050.D
 Acq: 10 May 2017 7:19

Tgt Ion:172 Resp: 1091918
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.0 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: BF095050.D

Acq: 10 May 2017 7:19

Instrument :

BNA_F

ClientSampleId :

TP-4-5-6-COMP

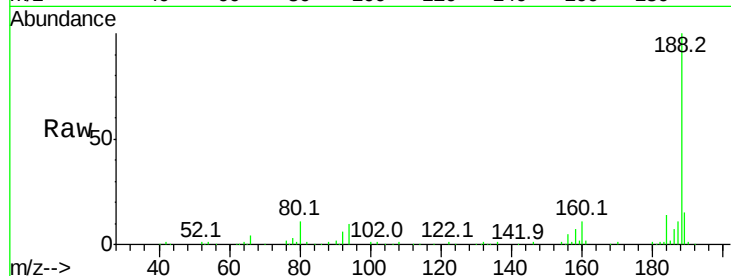
Tot Ion:188 Resp: 248974

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

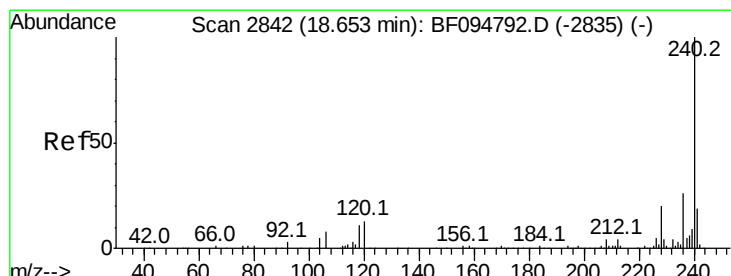
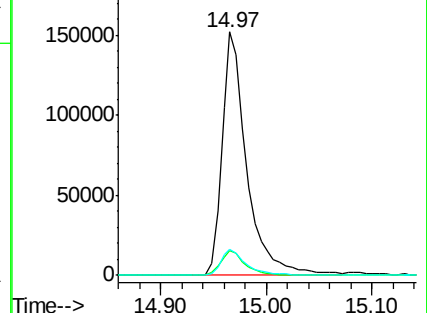
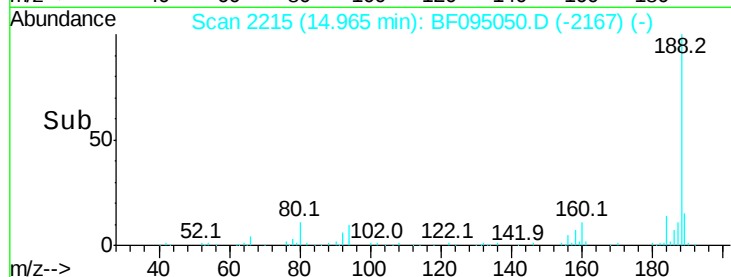
80 10.7 10.2 15.2



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: BF095050.D

Acq: 10 May 2017 7:19

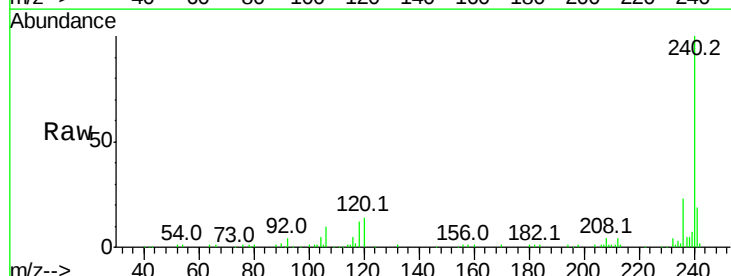
Tgt Ion:240 Resp: 191449

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

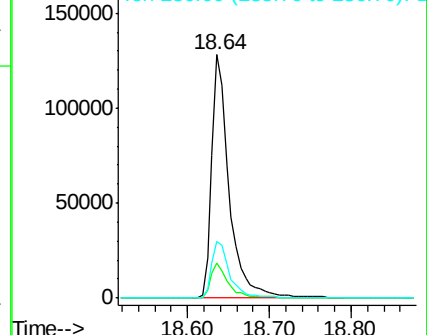
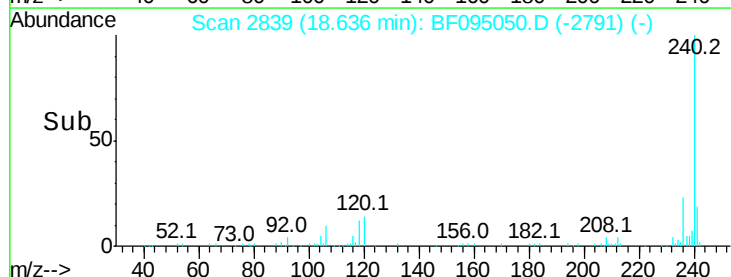
236 23.4 20.5 30.7

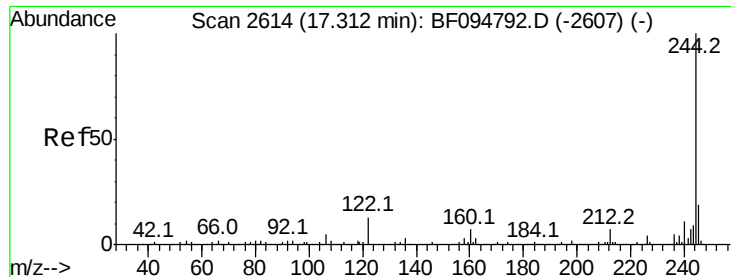


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.16 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF095050.D

Acq: 10 May 2017 7:19

Instrument :

BNA_F

ClientSampleId :

TP-4-5-6-COMP

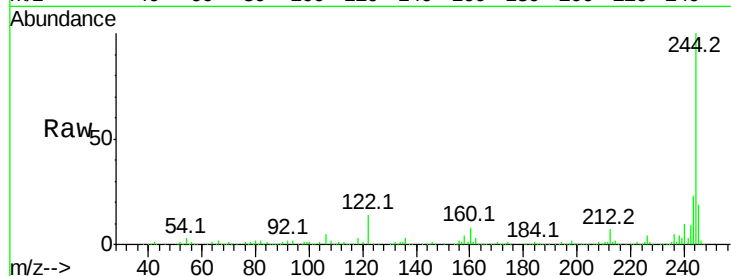
Tot Ion:244 Resp: 766254

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

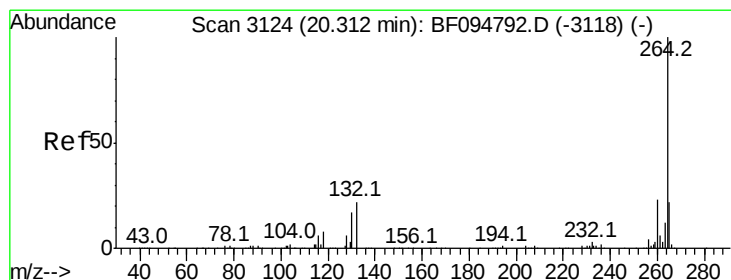
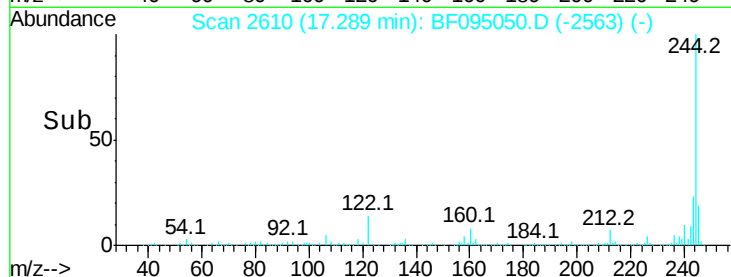
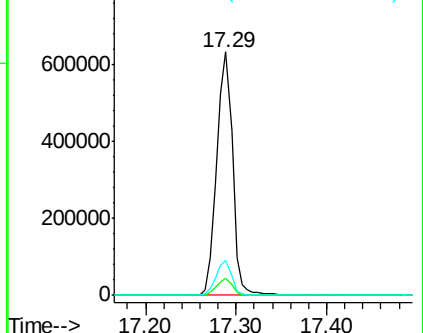
122 14.2 10.3 15.5



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: BF095050.D

Acq: 10 May 2017 7:19

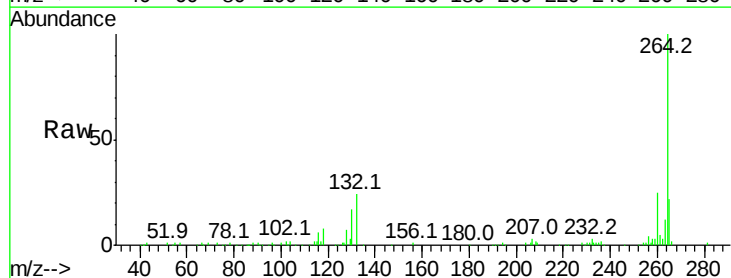
Tgt Ion:264 Resp: 175908

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.6 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

