

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
 Data File : BF095081.D
 Acq On : 11 May 2017 15:48
 Operator : SJ/MA
 Sample : PB98841BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BL

Quant Time: May 11 16:41:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:33:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	93649	20.00	ng	0.00
21) Naphthalene-d8	9.72	136	389385	20.00	ng	0.00
38) Acenaphthene-d10	12.55	164	185034	20.00	ng	0.00
63) Phenanthrene-d10	14.96	188	361547	20.00	ng	0.00
75) Chrysene-d12	18.63	240	318999	20.00	ng	0.00
86) Perylene-d12	20.29	264	216956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	453173	80.68	ng	0.02
7) Phenol-d6	7.25	99	587424	87.16	ng	0.00
23) Nitrobenzene-d5	8.61	82	539914	87.44	ng	0.00
41) 2,4,6-Tribromophenol	13.85	330	122261	80.68	ng	0.00
44) 2-Fluorobiphenyl	11.50	172	1116718	86.87	ng	0.00
78) Terphenyl-d14	17.29	244	1015751	70.13	ng	0.00

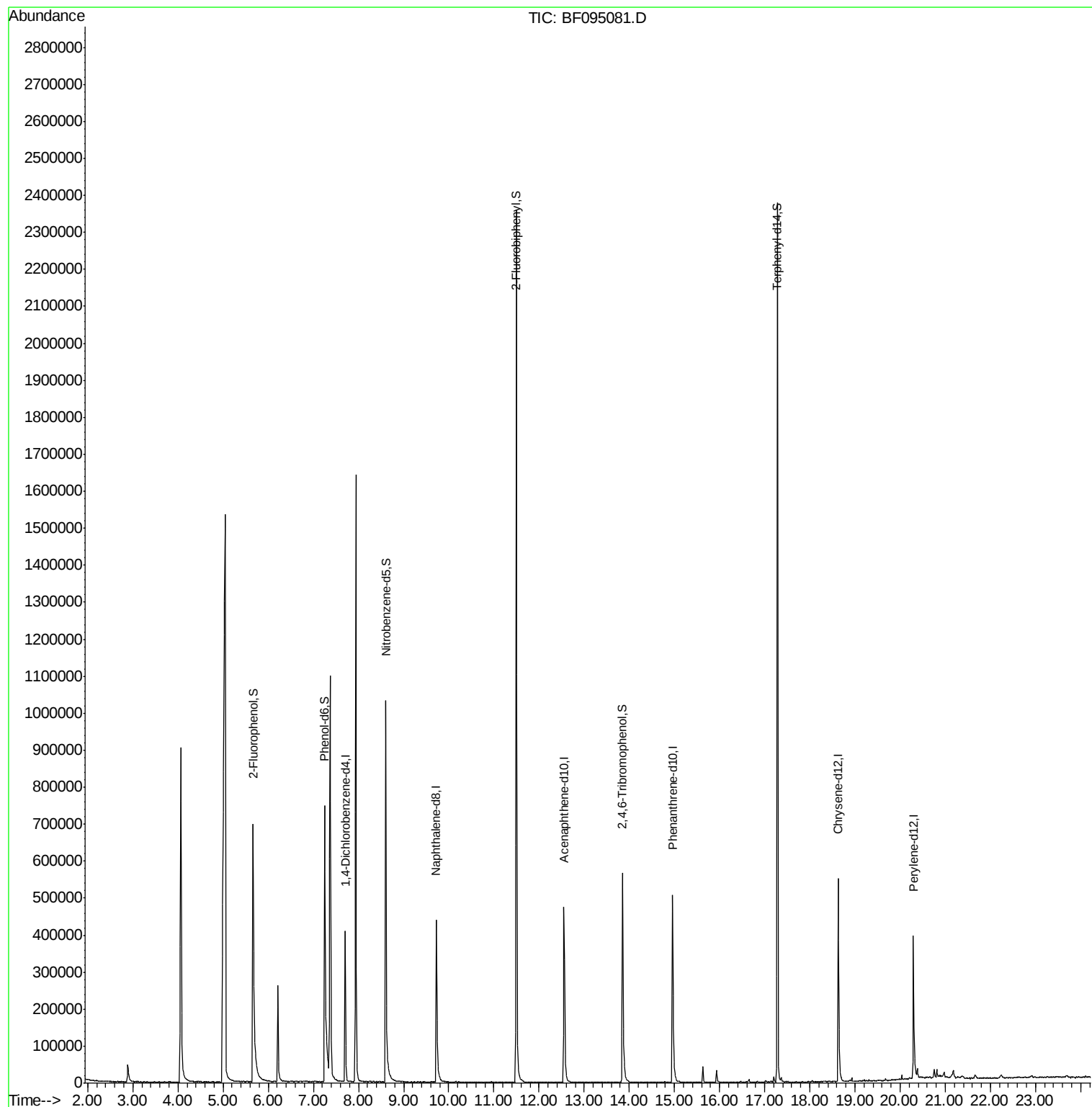
Target Compounds Qvalue

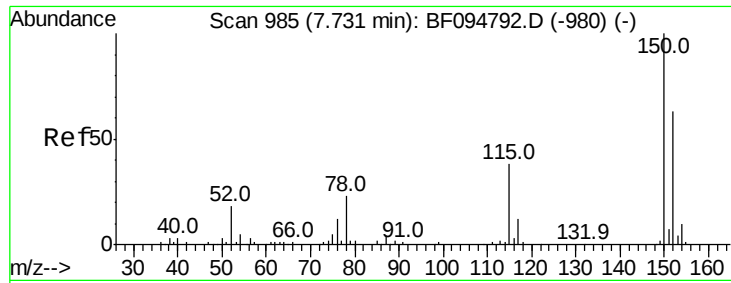
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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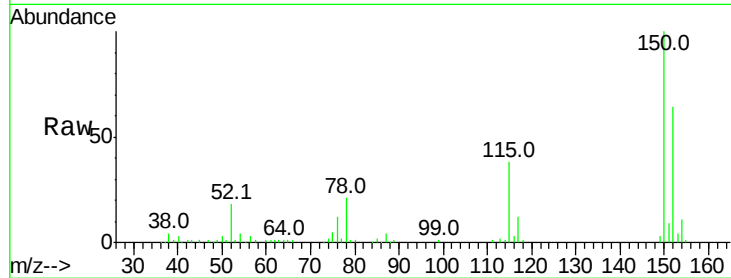


#1

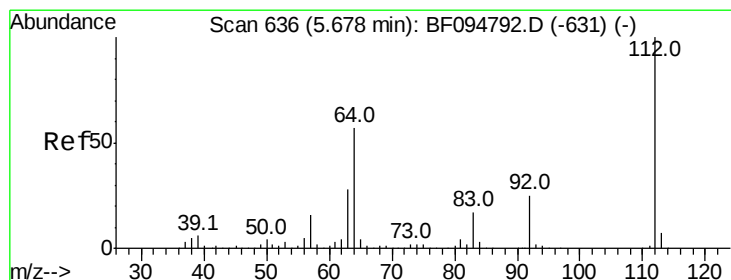
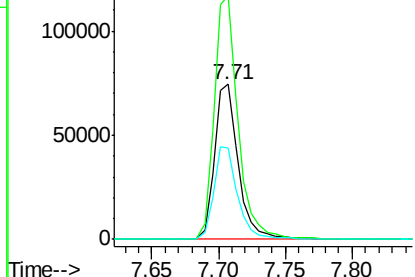
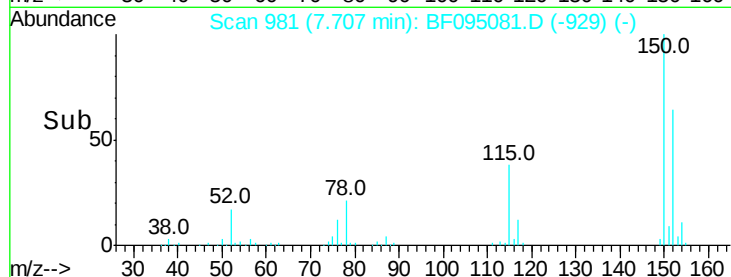
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF095081.D
Acq: 11 May 2017 15:48

Instrument :
BNA_F
ClientSampleId :
PB98841BL

Tot Ion:152 Resp: 93649
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 59.4 52.2 78.2



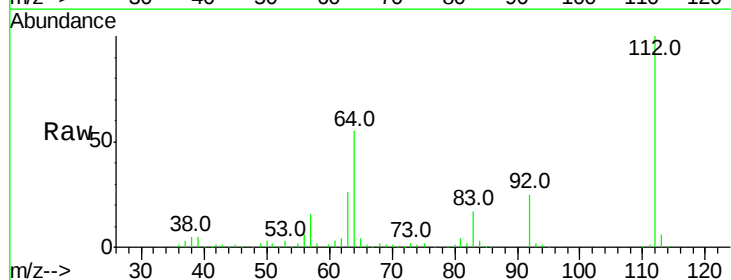
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



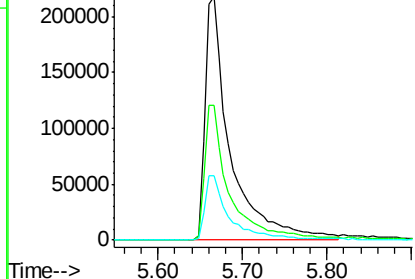
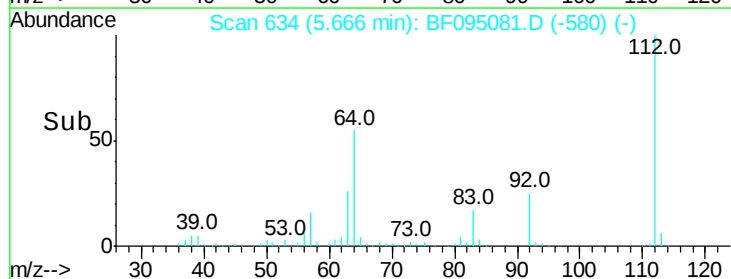
#5

2-Fluorophenol
Concen: 80.68 ng
RT: 5.67 min Scan# 634
Delta R.T. 0.02 min
Lab File: BF095081.D
Acq: 11 May 2017 15:48

Tgt Ion:112 Resp: 453173
Ion Ratio Lower Upper
112 100
64 55.5 46.0 69.0
63 26.2 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: 87.16 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF095081.D

Acq: 11 May 2017 15:48

Instrument :

BNA_F

ClientSampleId :

PB98841BL

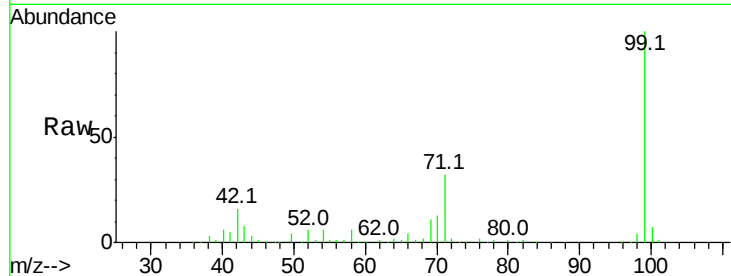
Tot Ion: 99 Resp: 587424

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

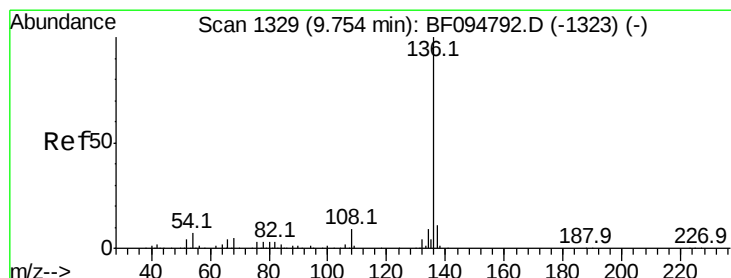
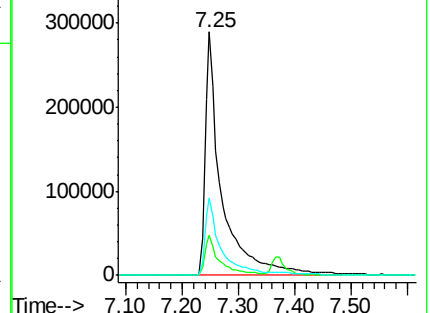
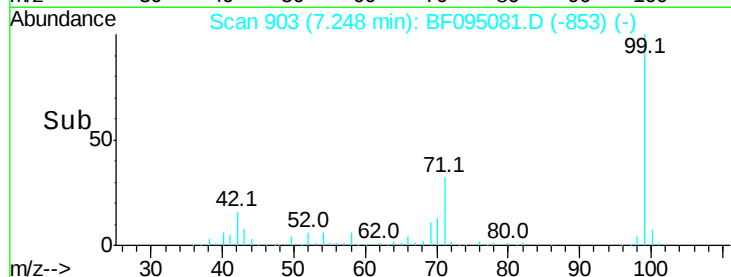
71 31.6 24.5 36.7



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: 9.72 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF095081.D

Acq: 11 May 2017 15:48

Tgt Ion: 136 Resp: 389385

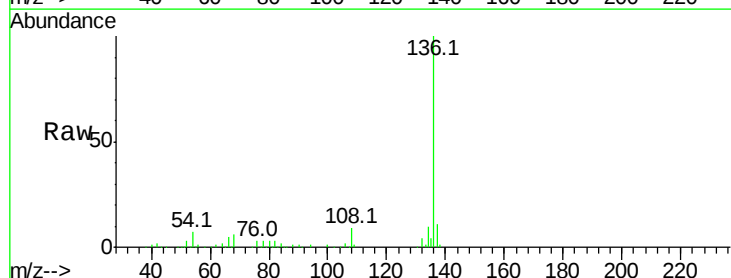
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.3 4.9 7.3#

68 5.7 4.1 6.1

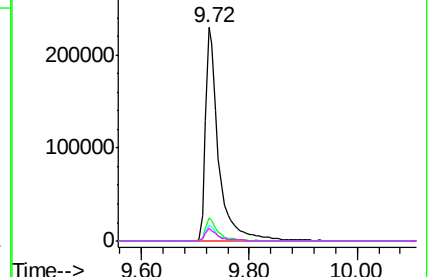
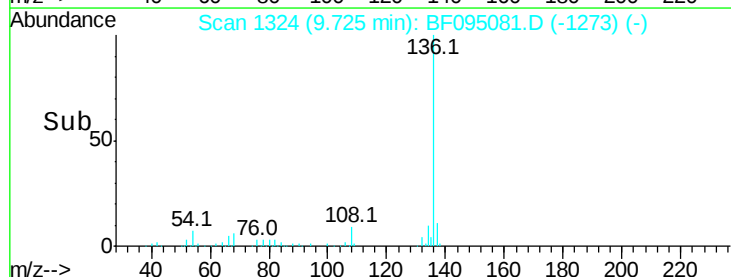


Abundance Ion 136.00 (135.70 to 136.70): E

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

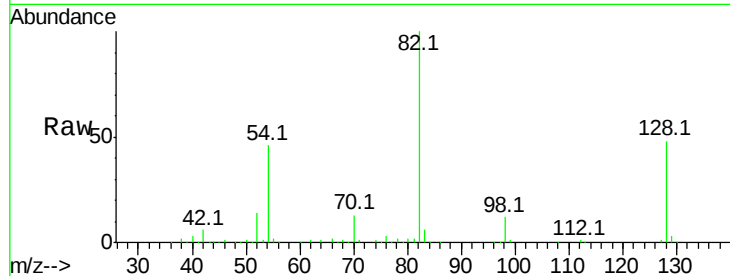




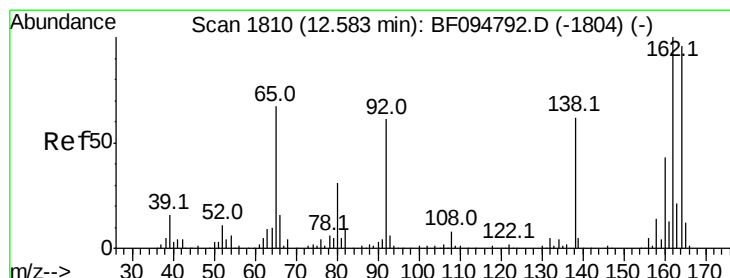
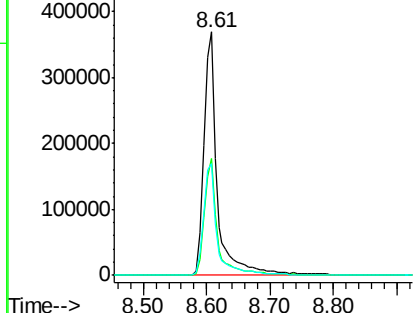
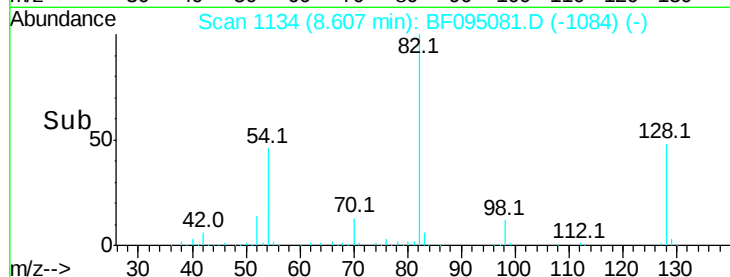
#23
Nitrobenzene-d5
Concen: 87.44 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF095081.D
Acq: 11 May 2017 15:48

Instrument :
BNA_F
ClientSampleID :
PB98841BL

Tot Ion: 82 Resp: 539914
Ion Ratio Lower Upper
82 100
128 48.1 34.0 51.0
54 45.8 42.2 63.2

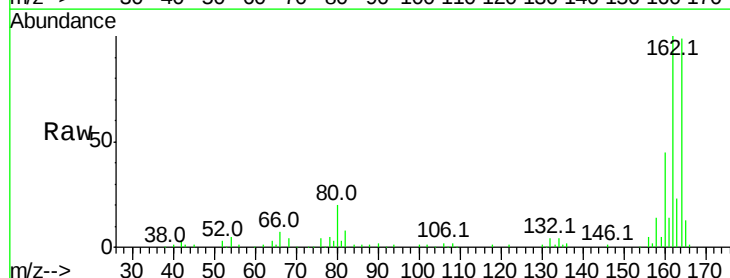


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

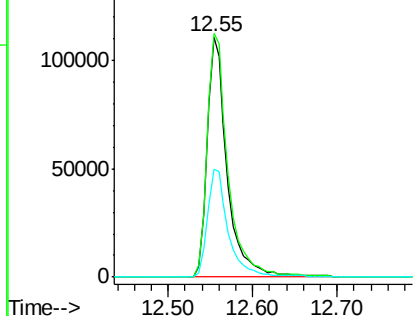
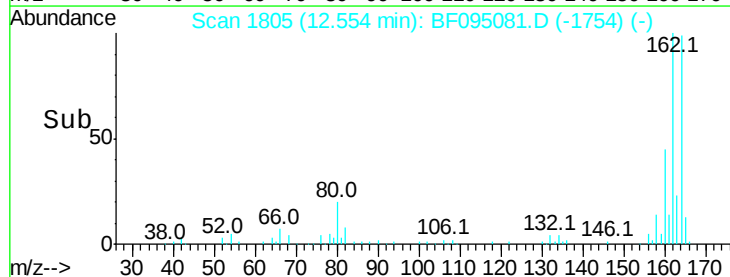


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF095081.D
Acq: 11 May 2017 15:48

Tgt Ion:164 Resp: 185034
Ion Ratio Lower Upper
164 100
162 101.4 82.6 123.8
160 45.2 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

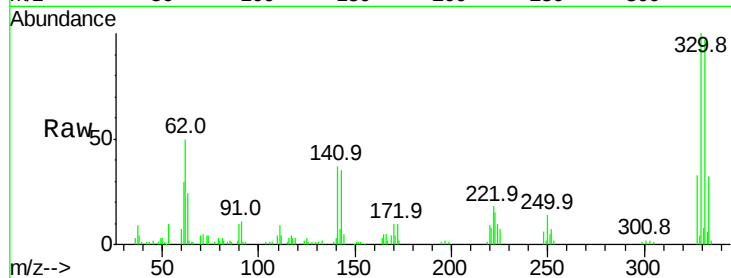




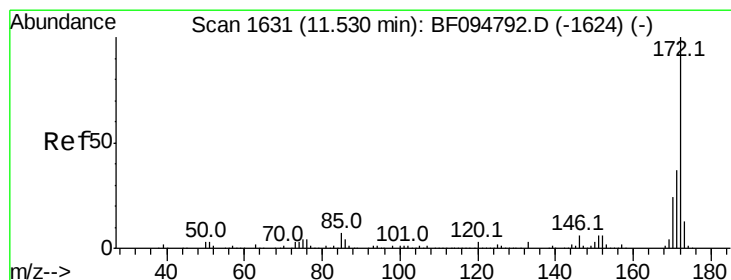
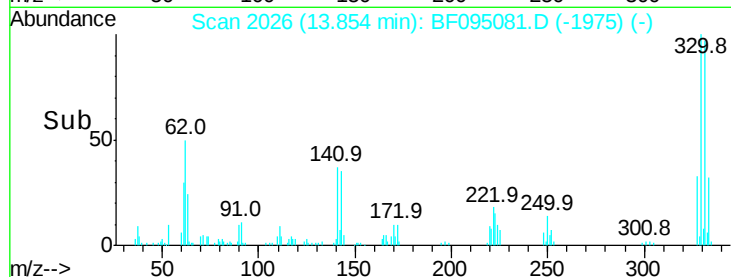
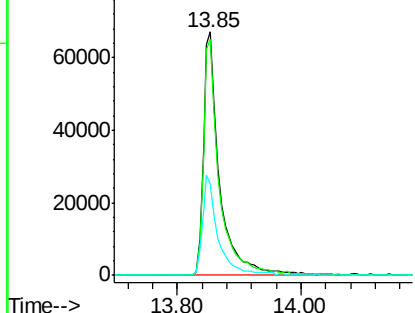
#41
 2,4,6-Tribromophenol
 Concen: 80.68 ng
 RT: 13.85 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF095081.D
 Acq: 11 May 2017 15:48

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BL

Tot Ion:330 Resp: 122261
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 38.7 31.4 47.2

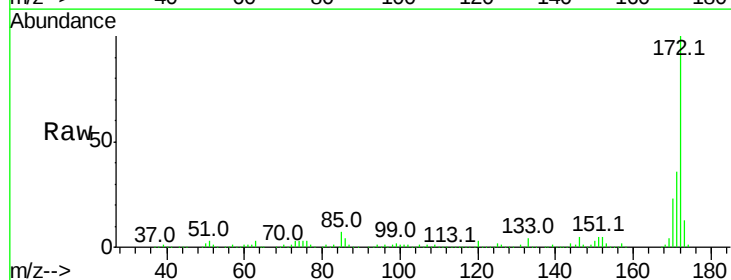


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

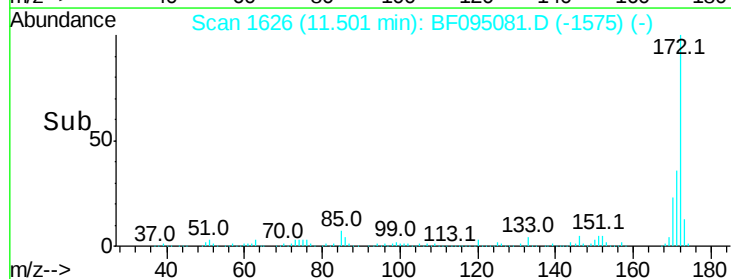
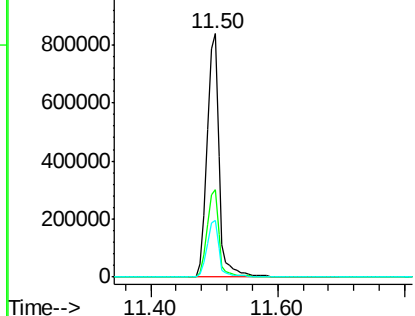


#44
 2-Fluorobiphenyl
 Concen: 86.87 ng
 RT: 11.50 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF095081.D
 Acq: 11 May 2017 15:48

Tgt Ion:172 Resp: 1116718
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.5 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

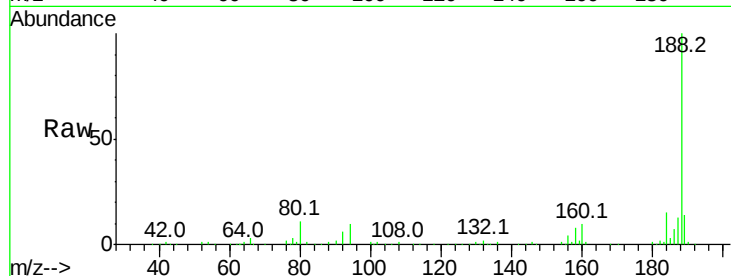




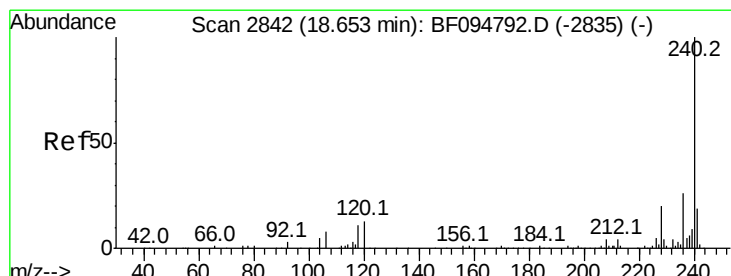
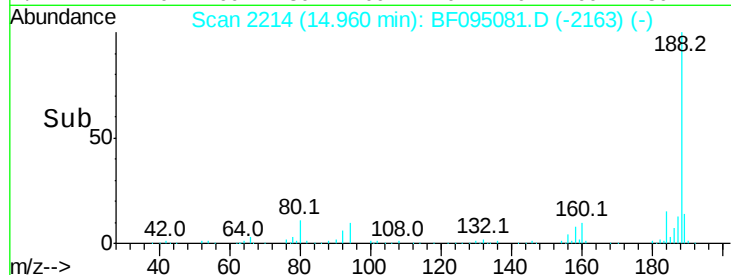
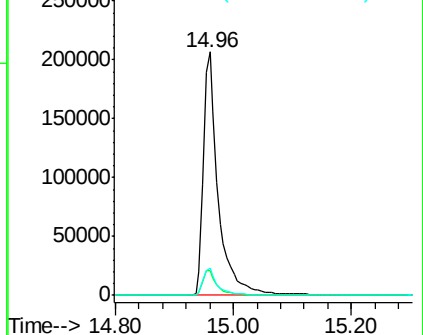
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BF095081.D
 Acq: 11 May 2017 15:48

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BL

Tot Ion:188 Resp: 361547
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 11.0 10.2 15.2

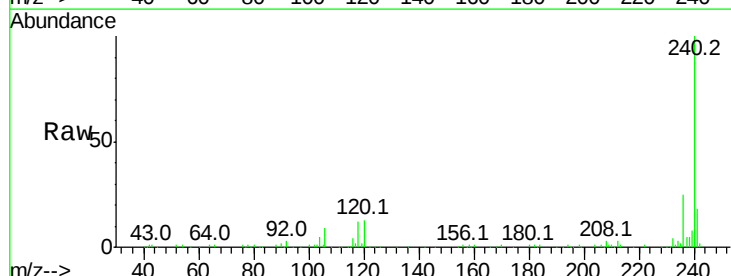


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

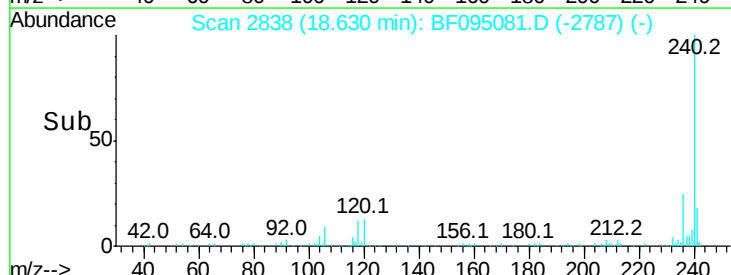
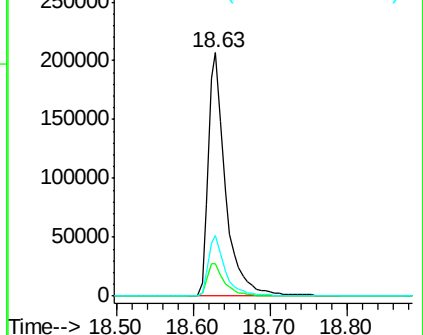


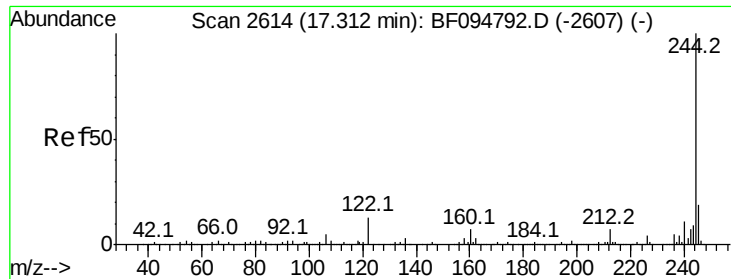
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.63 min Scan# 2838
 Delta R.T. 0.00 min
 Lab File: BF095081.D
 Acq: 11 May 2017 15:48

Tgt Ion:240 Resp: 318999
 Ion Ratio Lower Upper
 240 100
 120 13.3 5.8 8.8#
 236 24.8 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: 70.13 ng

RT: 17.29 min Scan# 2610

Delta R.T. 0.00 min

Lab File: BF095081.D

Acq: 11 May 2017 15:48

Instrument :

BNA_F

ClientSampleId :

PB98841BL

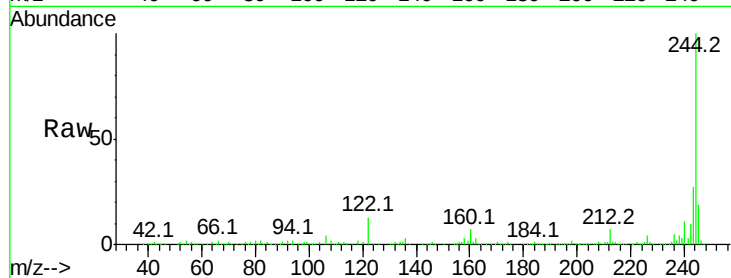
Tot Ion:244 Resp: 1015751

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

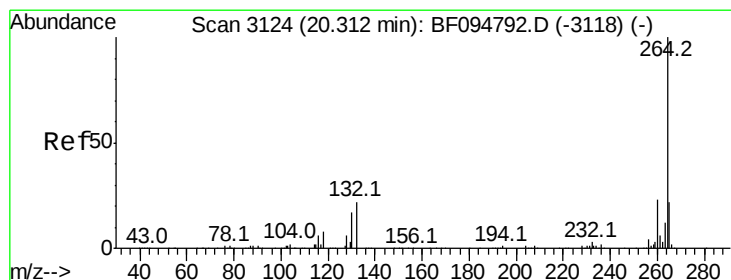
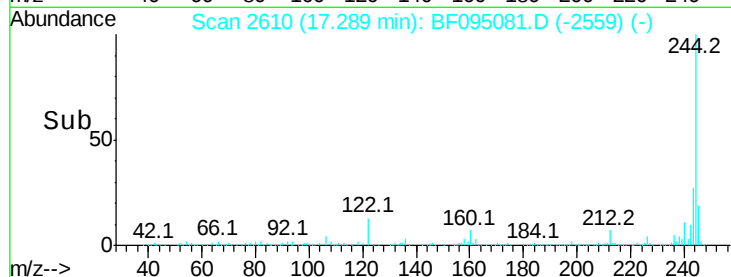
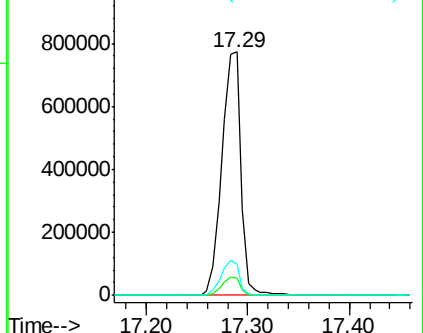
122 12.5 10.3 15.5



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: 20.29 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BF095081.D

Acq: 11 May 2017 15:48

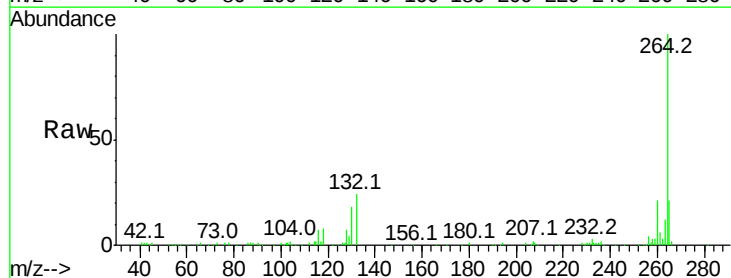
Tgt Ion:264 Resp: 216956

Ion Ratio Lower Upper

264 100

260 21.5 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

