

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095190.D
 Acq On : 17 May 2017 17:57
 Operator : SJ/MA
 Sample : PB99021BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99021BL

Quant Time: May 18 04:57:19 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 04:48:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	85026	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	307320	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	160489	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	253987	20.00	ng	0.00
75) Chrysene-d12	18.69	240	253803	20.00	ng	0.00
86) Perylene-d12	20.37	264	196544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	713596	139.92	ng	0.00
7) Phenol-d6	7.31	99	866128	141.55	ng	0.00
23) Nitrobenzene-d5	8.67	82	453109	92.97	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	171625	130.58	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1047656	93.96	ng	0.00
78) Terphenyl-d14	17.34	244	955217	82.90	ng	0.00

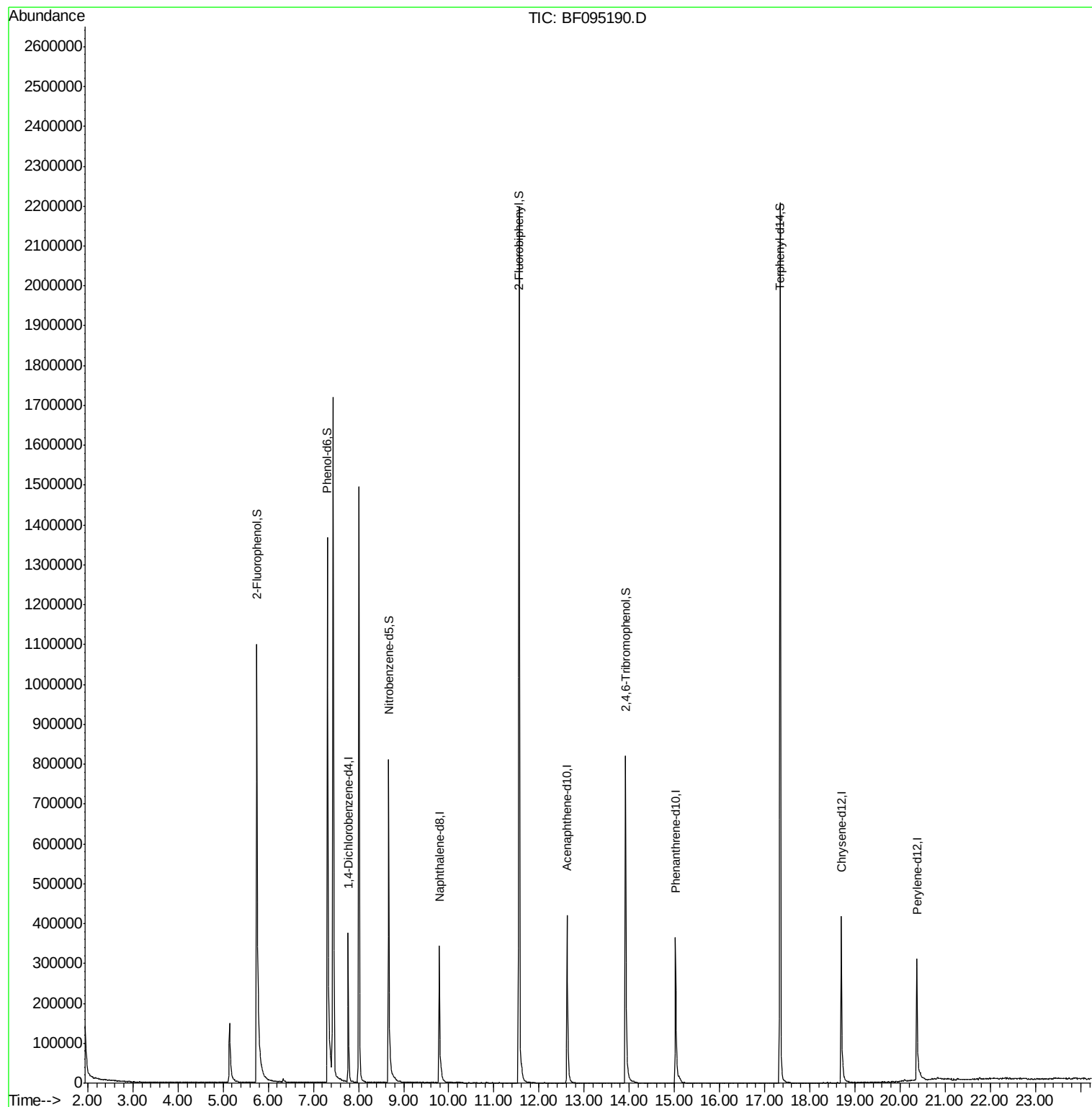
Target Compounds Qvalue

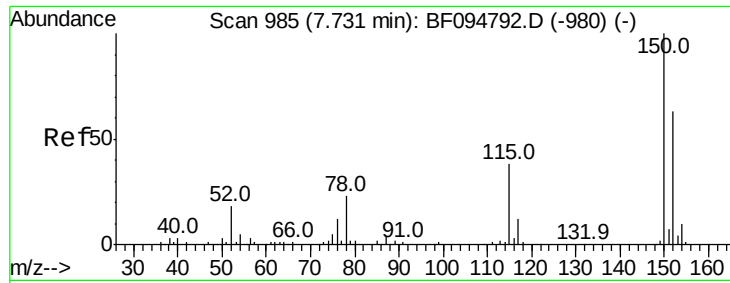
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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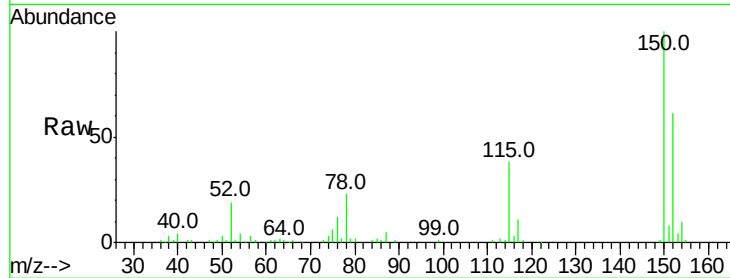


#1

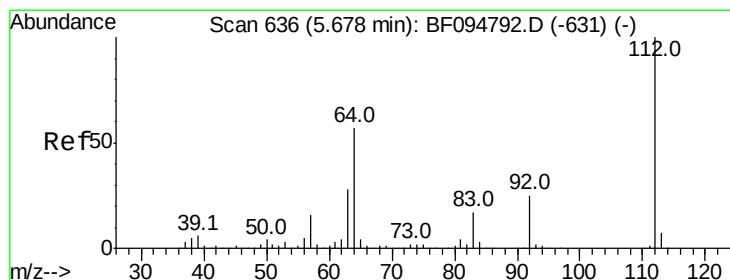
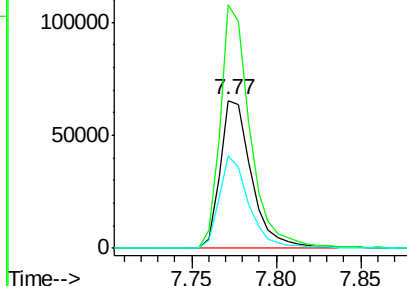
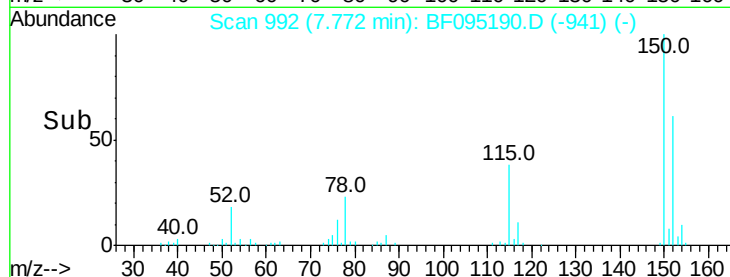
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.77 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF095190.D
 Acq: 17 May 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB99021BL

Tot Ion:152 Resp: 85026
 Ion Ratio Lower Upper
 152 100
 150 164.7 126.2 189.2
 115 62.5 52.2 78.2



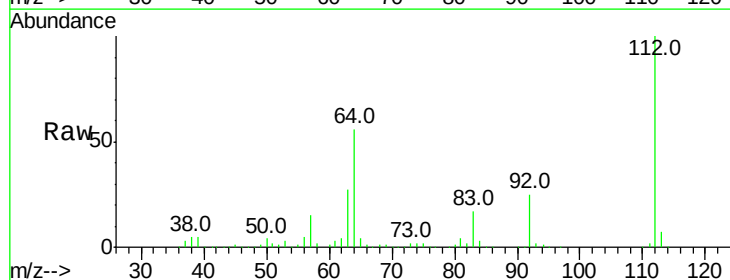
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



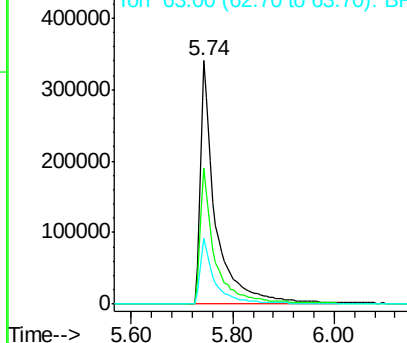
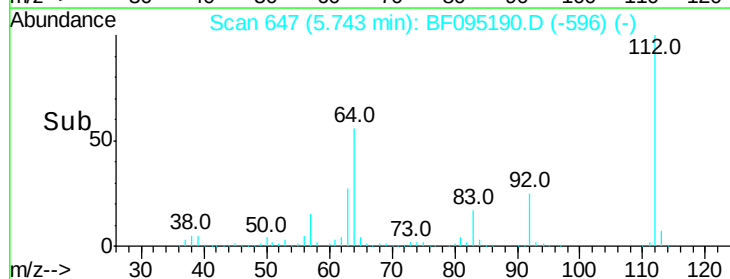
#5

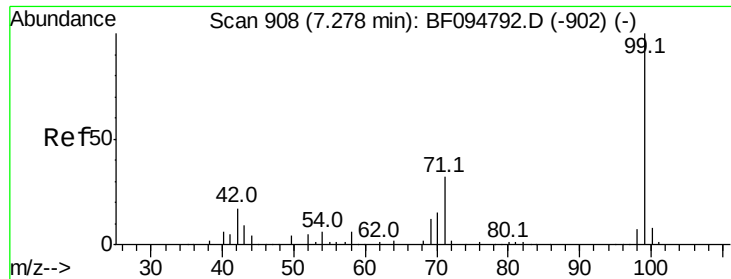
2-Fluorophenol
 Concen: 139.92 ng
 RT: 5.74 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF095190.D
 Acq: 17 May 2017 17:57

Tgt Ion:112 Resp: 713596
 Ion Ratio Lower Upper
 112 100
 64 55.8 46.0 69.0
 63 27.0 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: 141.55 ng

RT: 7.31 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF095190.D

Acq: 17 May 2017 17:57

Instrument :

BNA_F

ClientSampled :

PB99021BL

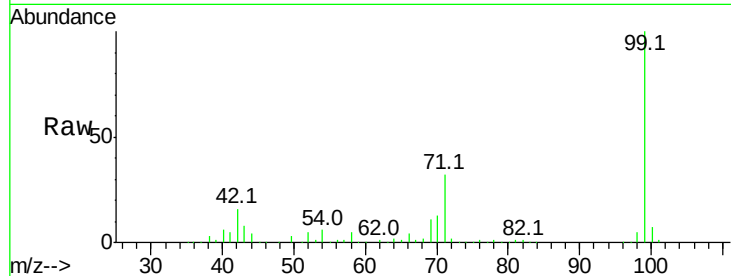
Tot Ion: 99 Resp: 866128

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

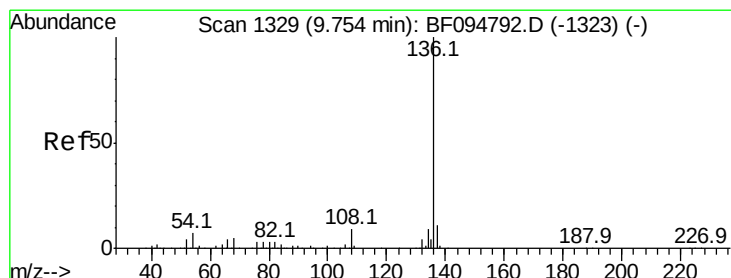
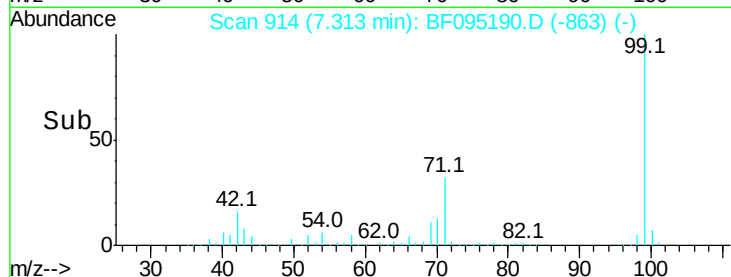
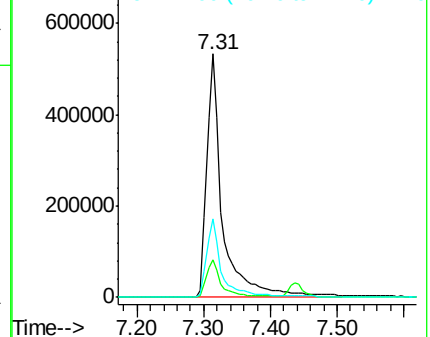
71 32.2 24.5 36.7



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: 9.79 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF095190.D

Acq: 17 May 2017 17:57

Tgt Ion: 136 Resp: 307320

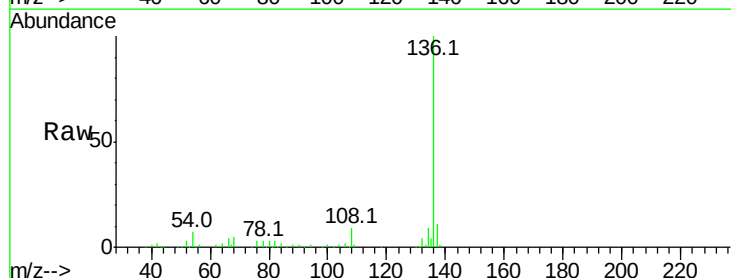
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.8 4.9 7.3

68 5.3 4.1 6.1

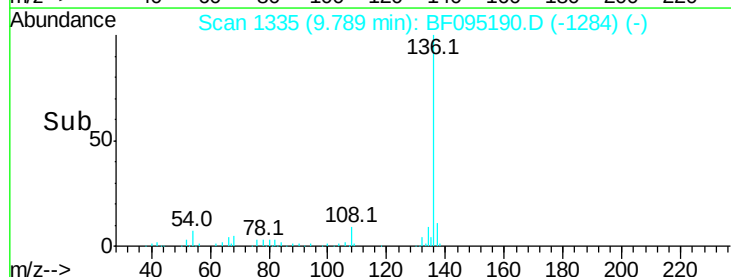
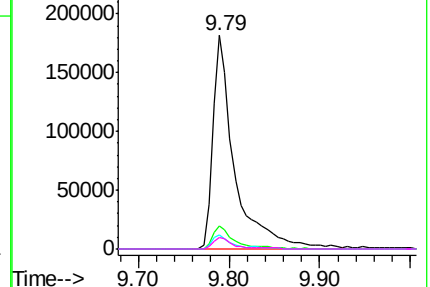


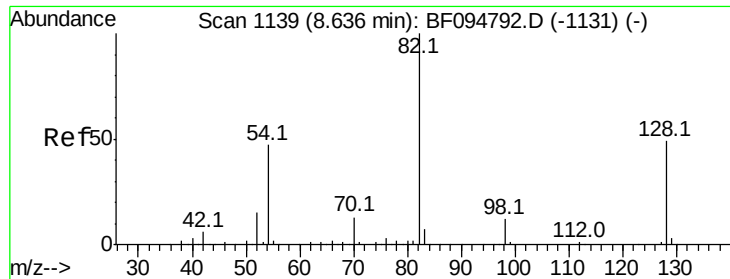
Abundance Ion 136.00 (135.70 to 136.70): E

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

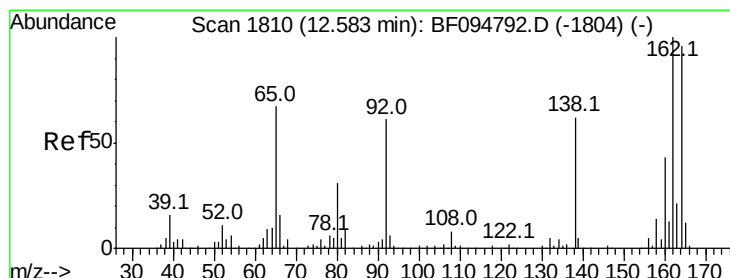
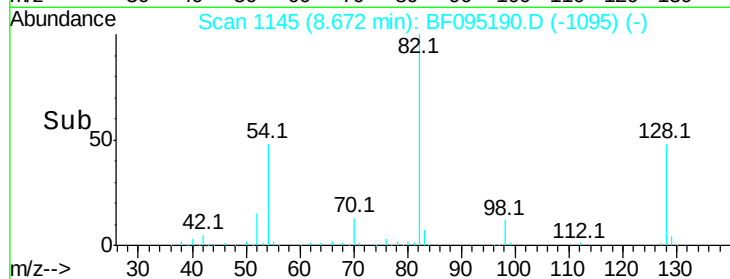
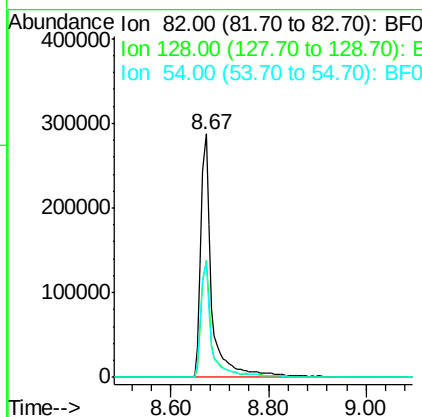
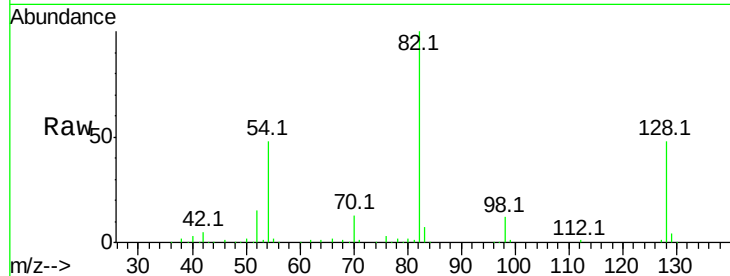




#23
 Nitrobenzene-d5
 Concen: 92.97 ng
 RT: 8.67 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF095190.D
 Acq: 17 May 2017 17:57

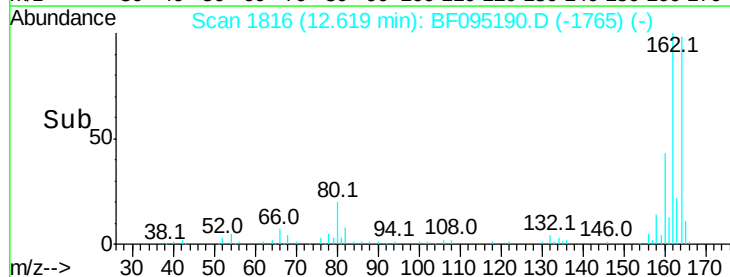
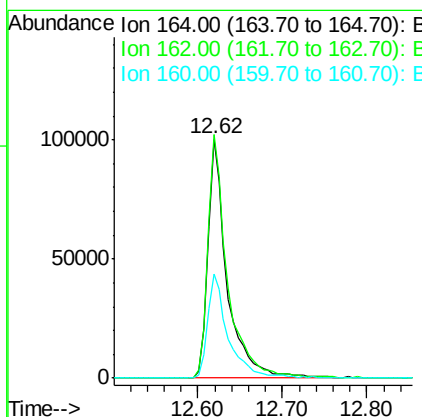
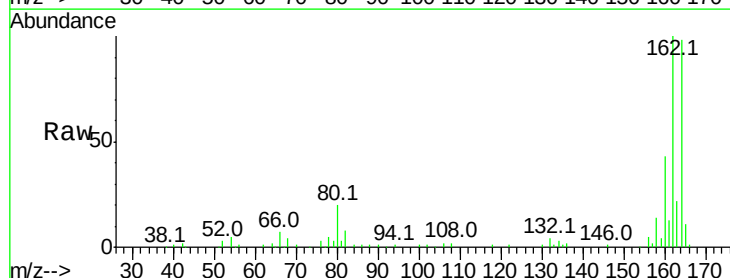
Instrument :
 BNA_F
 ClientSampleId :
 PB99021BL

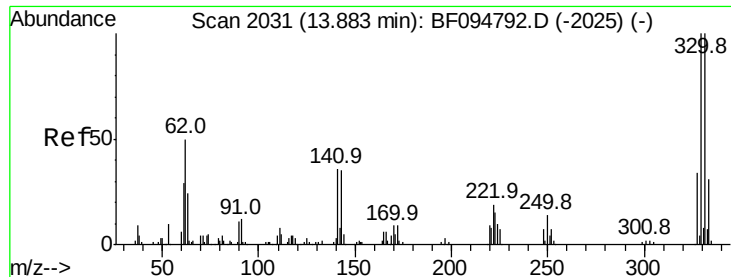
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.0	51.0
54	47.7	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BF095190.D
 Acq: 17 May 2017 17:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	43.5	36.2	54.2

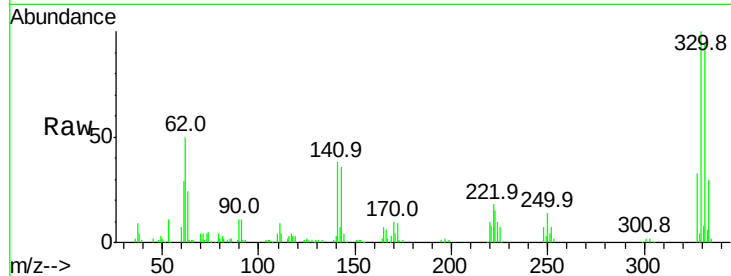




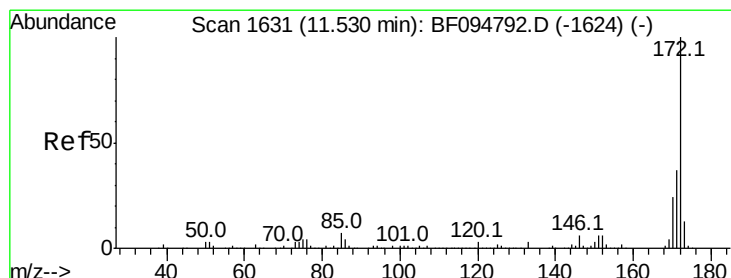
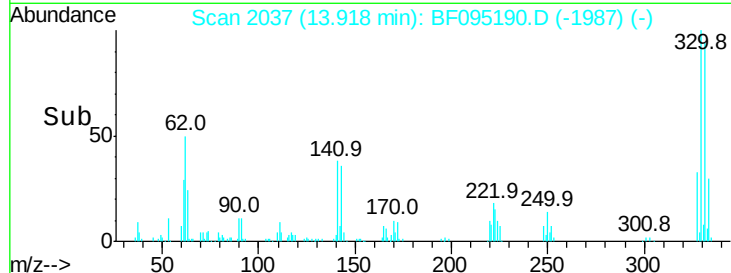
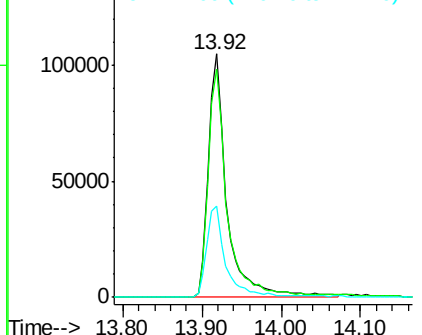
#41
 2,4,6-Tribromophenol
 Concen: 130.58 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF095190.D
 Acq: 17 May 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB99021BL

Tot Ion:330 Resp: 171625
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 115.0
 141 39.3 31.4 47.2

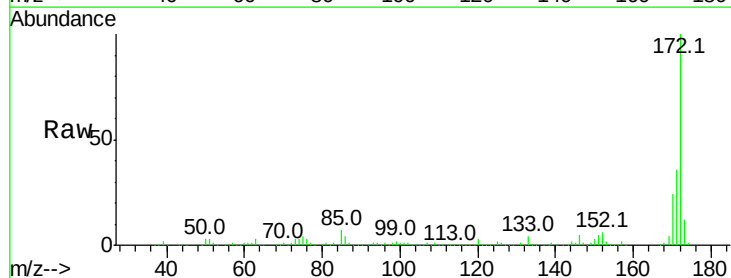


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

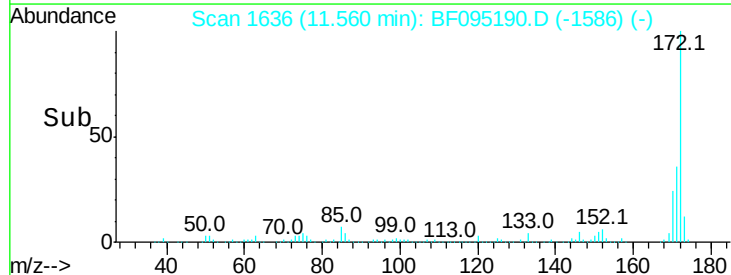
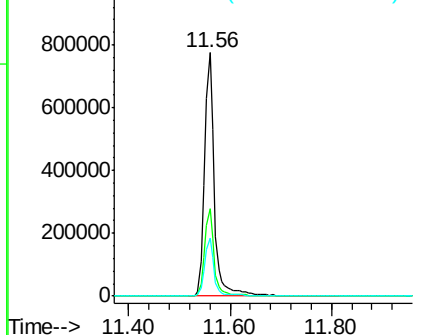


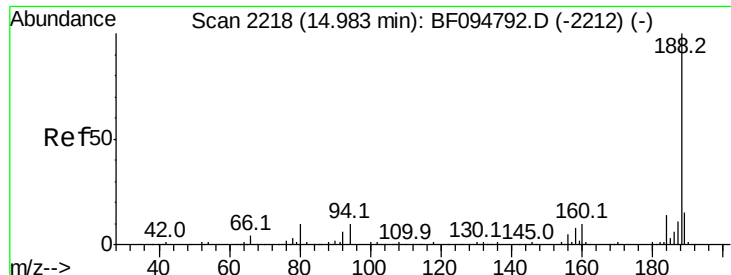
#44
 2-Fluorobiphenyl
 Concen: 93.96 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF095190.D
 Acq: 17 May 2017 17:57

Tgt Ion:172 Resp: 1047656
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.8 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: BF095190.D

Acq: 17 May 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB99021BL

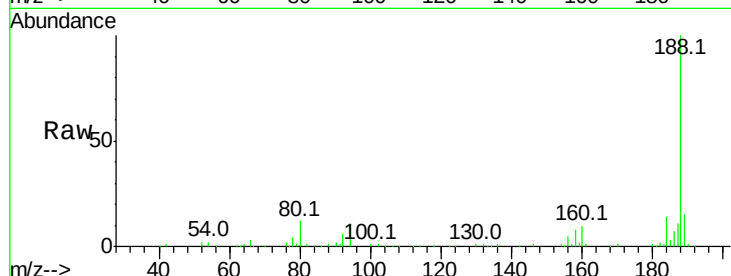
Tot Ion:188 Resp: 253987

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

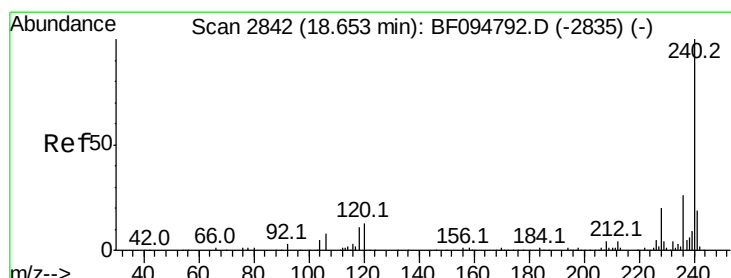
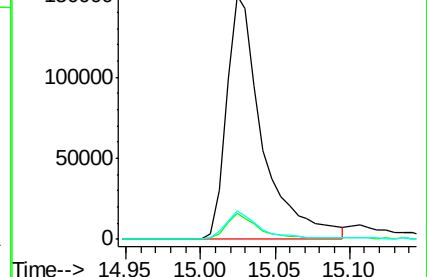
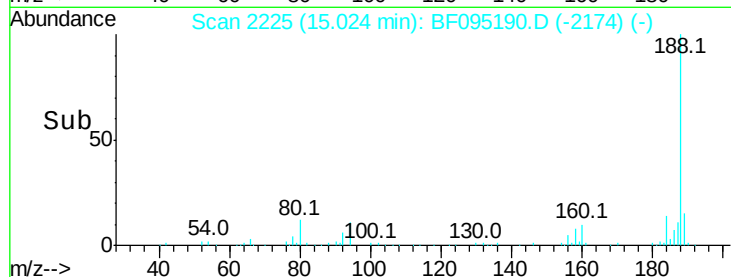
80 11.6 10.2 15.2



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: 18.69 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BF095190.D

Acq: 17 May 2017 17:57

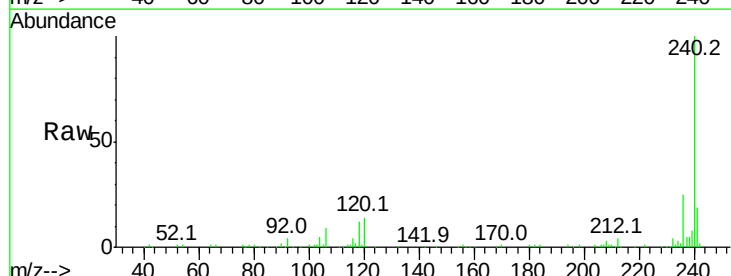
Tgt Ion:240 Resp: 253803

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

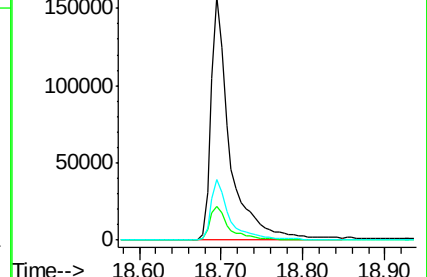
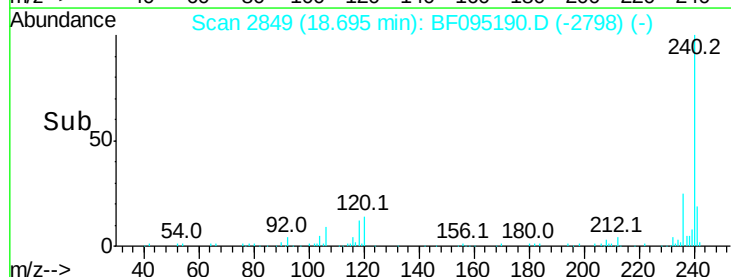
236 24.8 20.5 30.7

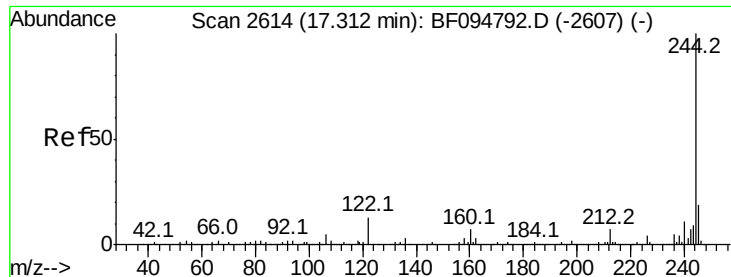


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 82.90 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095190.D

Acq: 17 May 2017 17:57

Instrument :

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PB99021BL

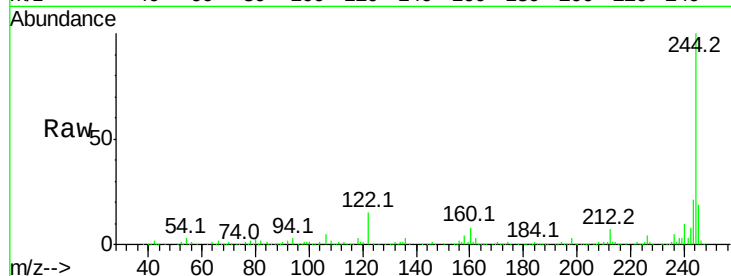
Tot Ion:244 Resp: 955217

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

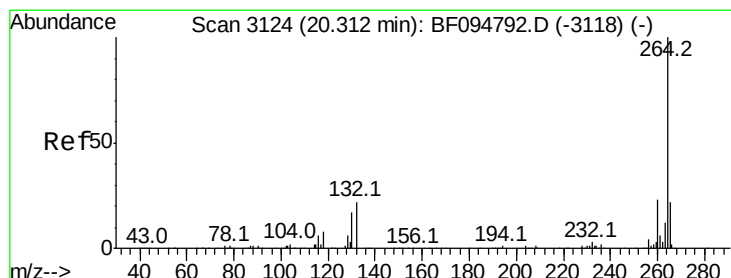
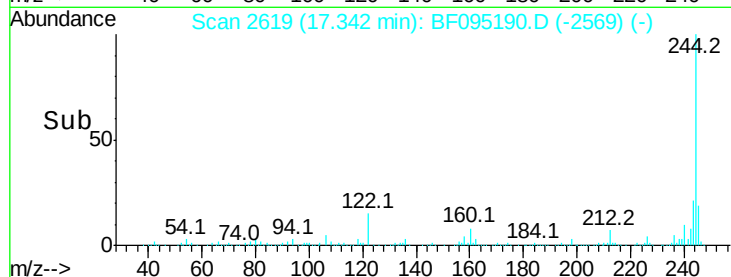
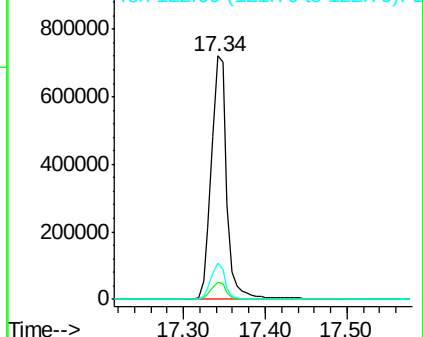
122 14.9 10.3 15.5



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: 20.37 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BF095190.D

Acq: 17 May 2017 17:57

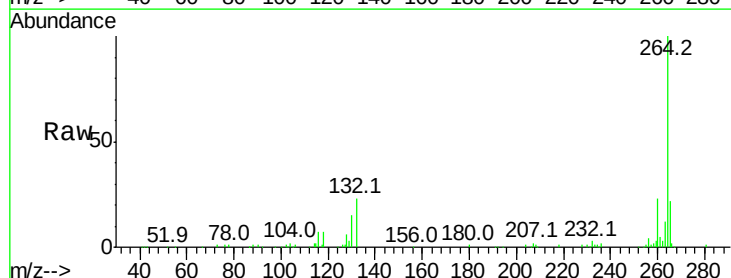
Tgt Ion:264 Resp: 196544

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 22.1 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

