

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095975.D
 Acq On : 17 Jun 2017 2:47
 Operator : SJ/MA
 Sample : PB99832TB
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99832TB

Quant Time: Jun 17 04:34:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	68284	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	278382	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	123244	20.00	ng	-0.01
63) Phenanthrene-d10	14.57	188	195117	20.00	ng	0.00
75) Chrysene-d12	18.29	240	135699	20.00	ng	0.00
86) Perylene-d12	19.96	264	126563	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	577096	134.67	ng	0.00
7) Phenol-d6	6.89	99	708869	138.18	ng	-0.02
23) Nitrobenzene-d5	8.24	82	399917	89.22	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	122983	112.78	ng	-0.01
44) 2-Fluorobiphenyl	11.13	172	794645	89.73	ng	0.00
78) Terphenyl-d14	16.94	244	496667	90.83	ng	0.00

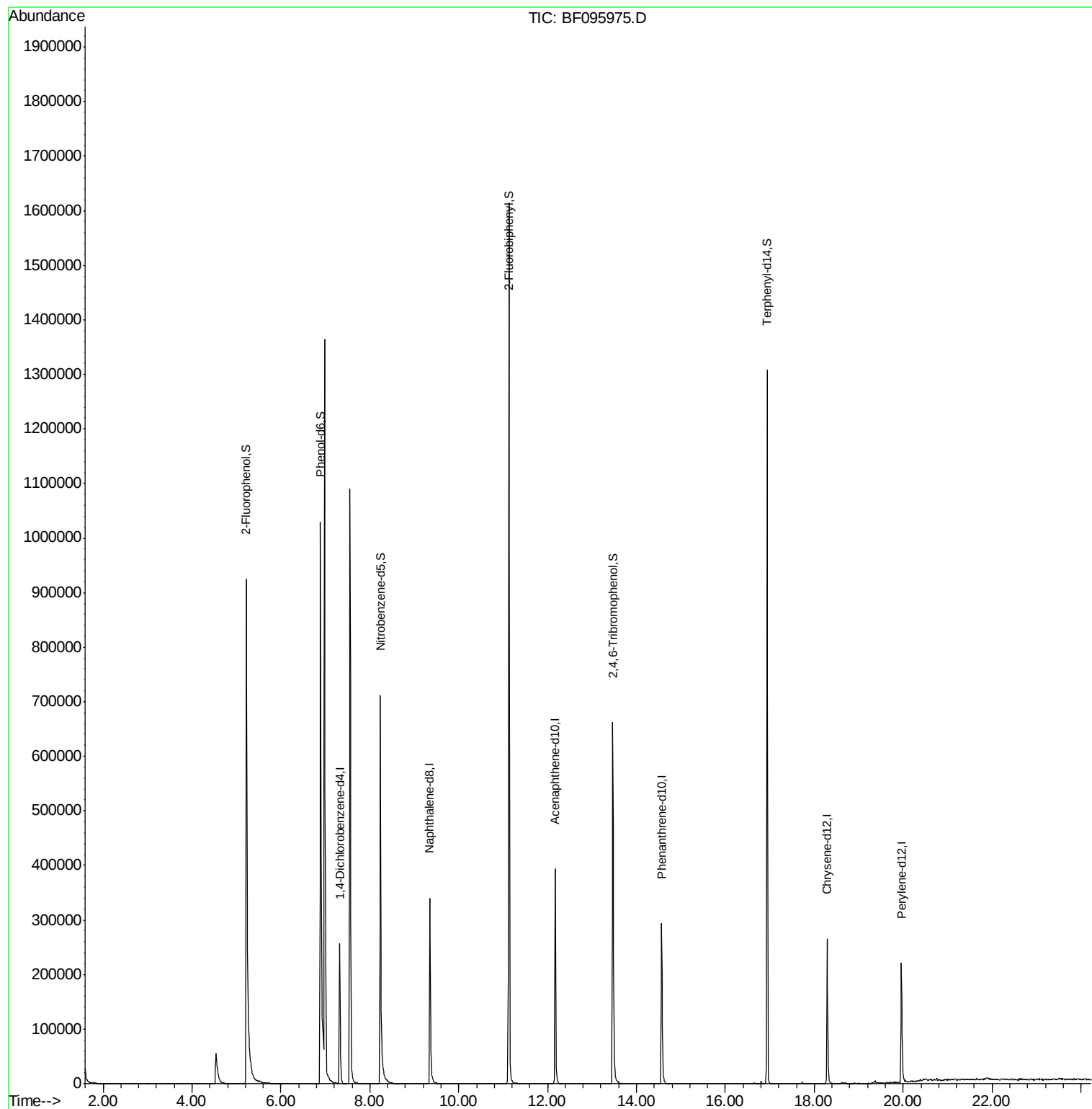
Target Compounds Qvalue

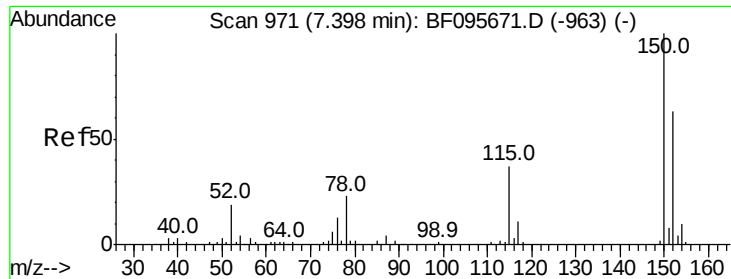
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.32 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF095975.D

Acq: 17 Jun 2017 2:47

Instrument :

BNA_F

ClientSampleId :

PB99832TB

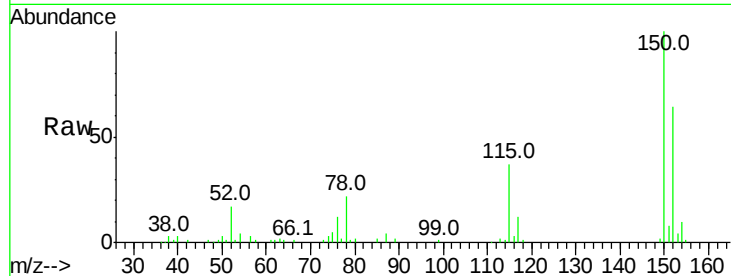
Tot Ion:152 Resp: 68284

Ion Ratio Lower Upper

152 100

150 156.5 126.2 189.2

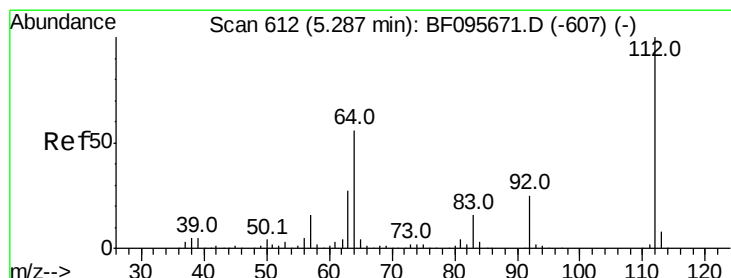
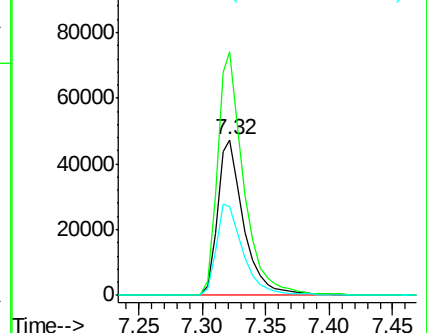
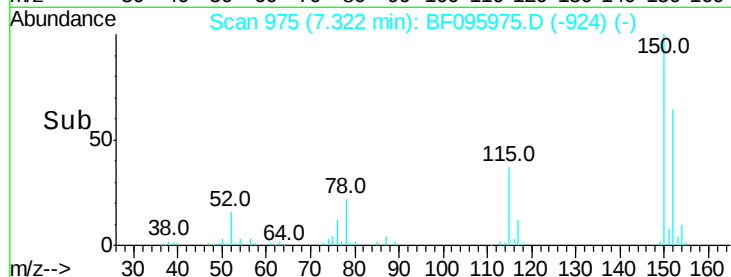
115 57.2 52.2 78.2



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: 134.67 ng

RT: 5.22 min Scan# 618

Delta R.T. 0.01 min

Lab File: BF095975.D

Acq: 17 Jun 2017 2:47

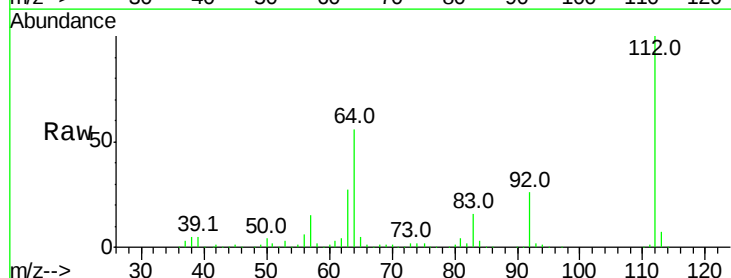
Tgt Ion:112 Resp: 577096

Ion Ratio Lower Upper

112 100

64 56.0 46.0 69.0

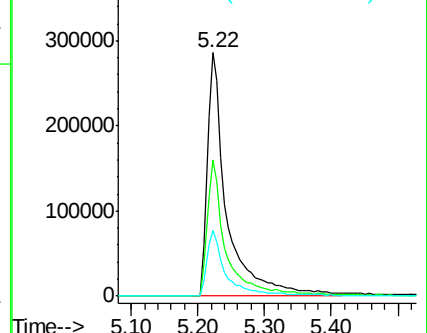
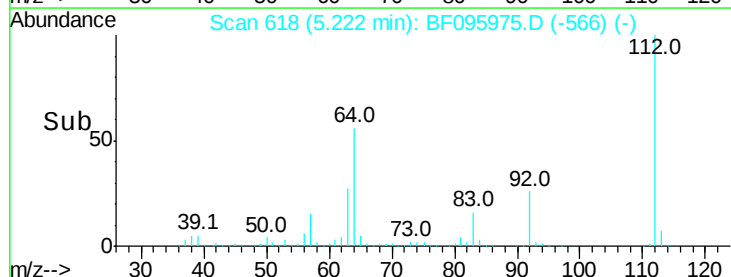
63 26.7 23.4 35.0

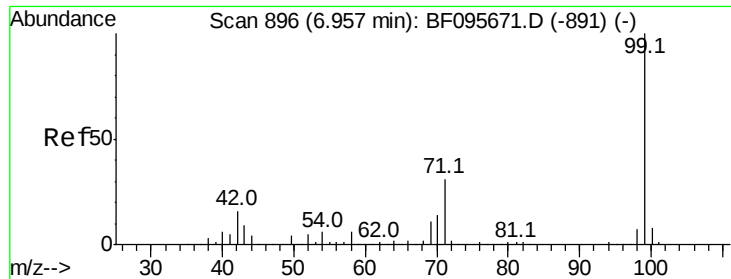


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.18 ng

RT: 6.89 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF095975.D

Acq: 17 Jun 2017 2:47

Instrument :

BNA_F

ClientSampled :

PB99832TB

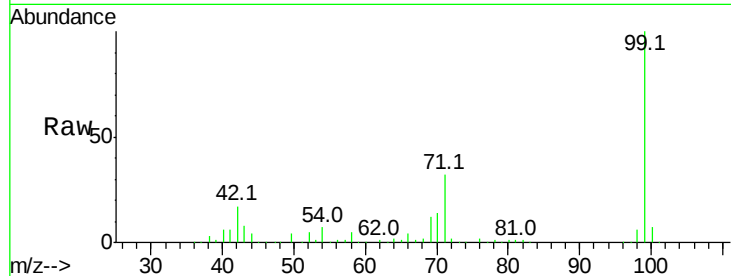
Tot Ion: 99 Resp: 708869

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

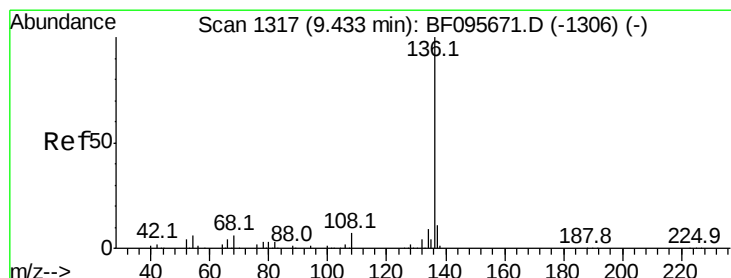
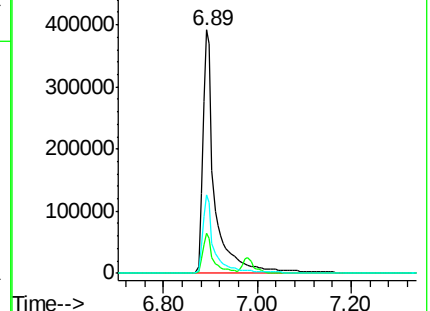
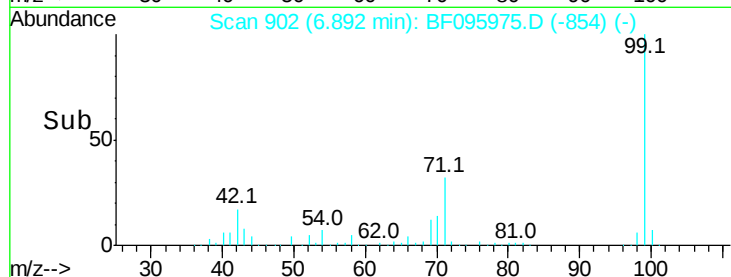
71 32.5 24.5 36.7



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: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095975.D

Acq: 17 Jun 2017 2:47

Tgt Ion: 136 Resp: 278382

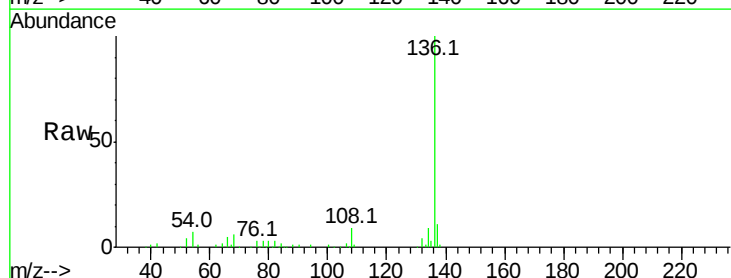
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.8 4.9 7.3

68 6.0 4.1 6.1

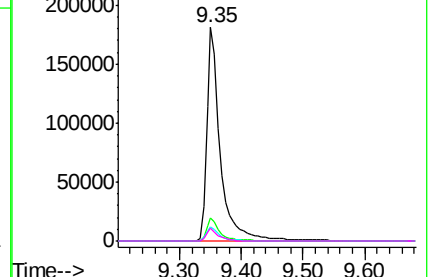
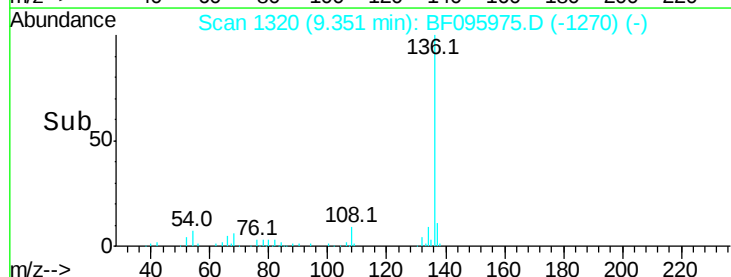


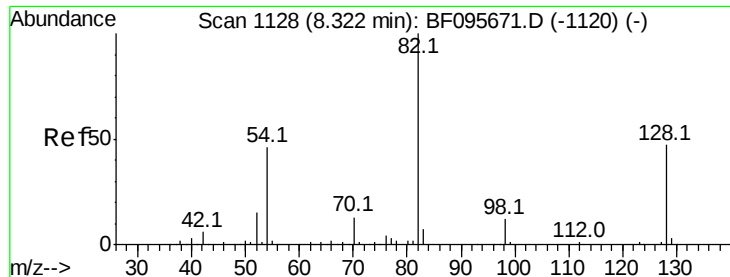
Abundance Ion 136.00 (135.70 to 136.70): E

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

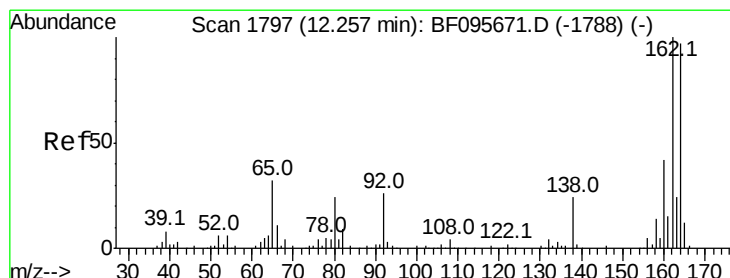
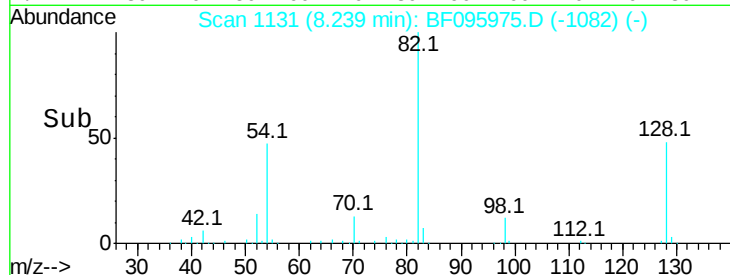
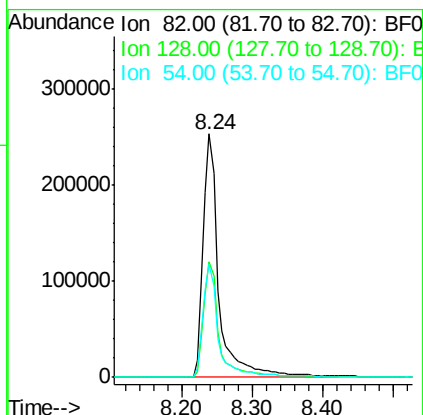
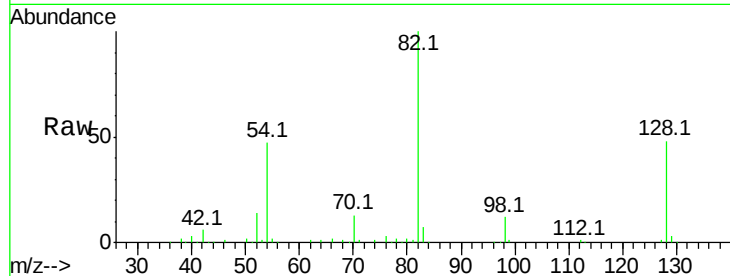




#23
 Nitrobenzene-d5
 Concen: 89.22 ng
 RT: 8.24 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BF095975.D
 Acq: 17 Jun 2017 2:47

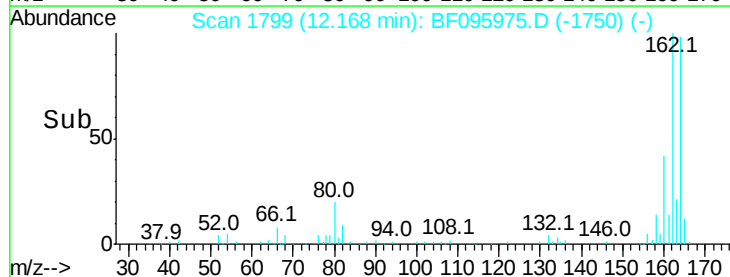
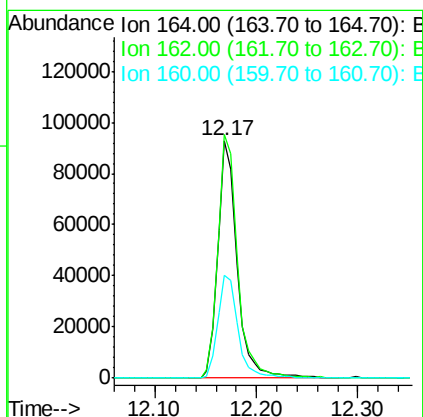
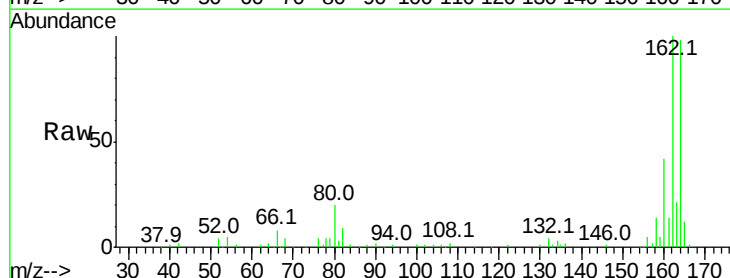
Instrument :
 BNA_F
 ClientSampleId :
 PB99832TB

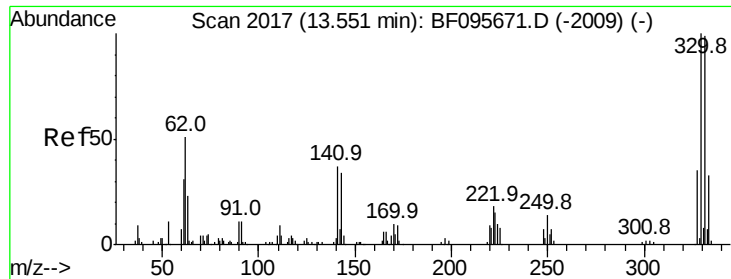
Tot Ion	82	Resp	399917
Ion Ratio	Lower	Upper	
82	100		
128	47.6	34.0	51.0
54	46.7	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.17 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BF095975.D
 Acq: 17 Jun 2017 2:47

Tgt Ion	164	Resp	123244
Ion Ratio	Lower	Upper	
164	100		
162	102.5	82.6	123.8
160	43.3	36.2	54.2

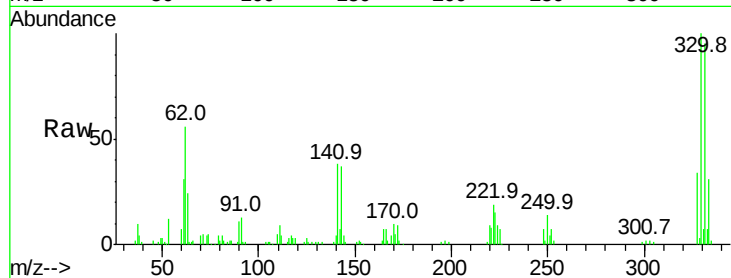




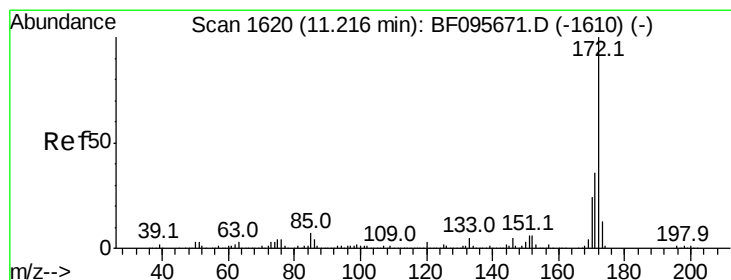
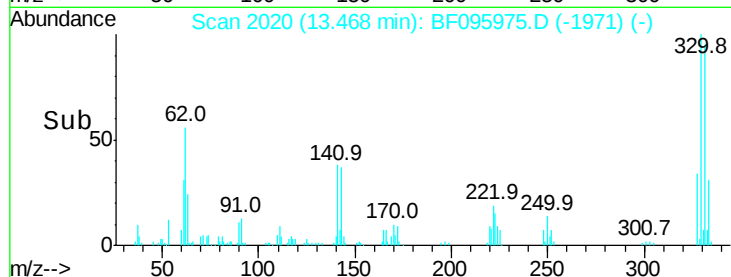
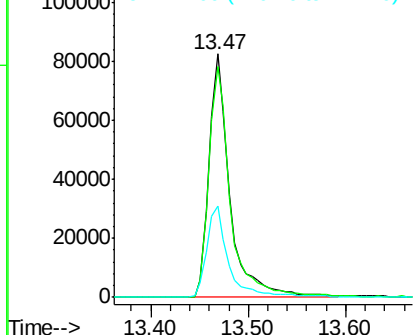
#41
 2,4,6-Tribromophenol
 Concen: 112.78 ng
 RT: 13.47 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF095975.D
 Acq: 17 Jun 2017 2:47

Instrument :
 BNA_F
 ClientSampleId :
 PB99832TB

Tot Ion:330 Resp: 122983
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.6 115.0
 141 38.3 31.4 47.2

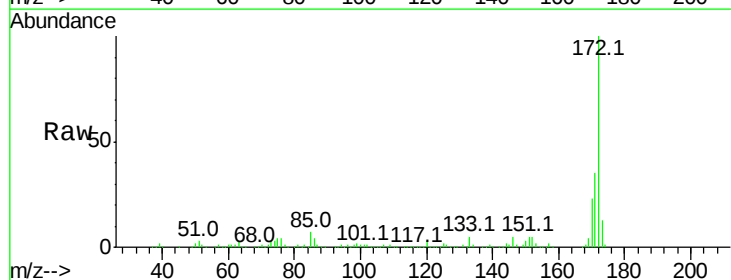


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

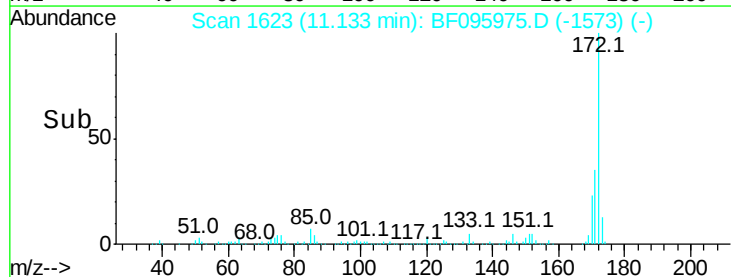
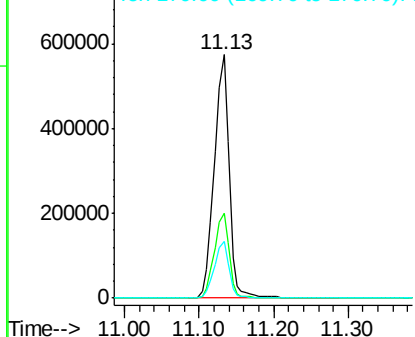


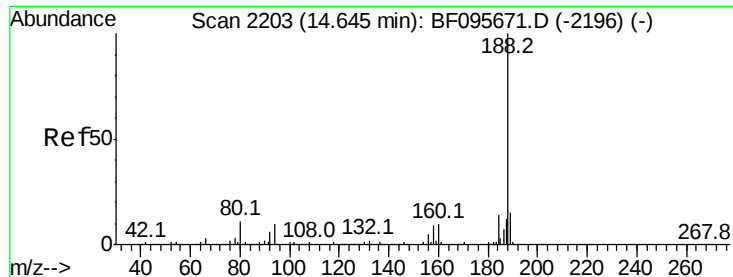
#44
 2-Fluorobiphenyl
 Concen: 89.73 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF095975.D
 Acq: 17 Jun 2017 2:47

Tgt Ion:172 Resp: 794645
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 23.2 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

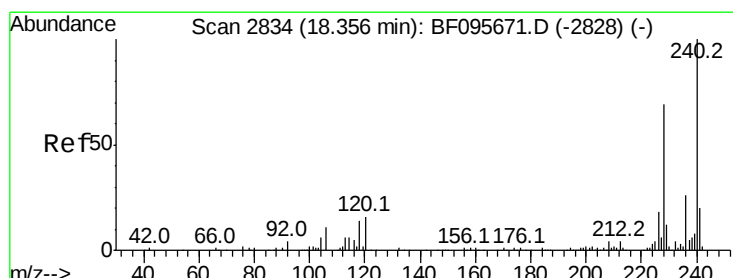
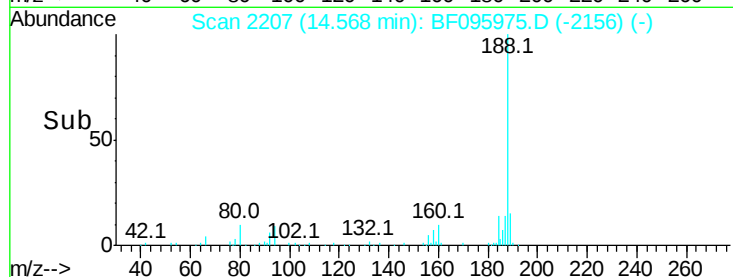
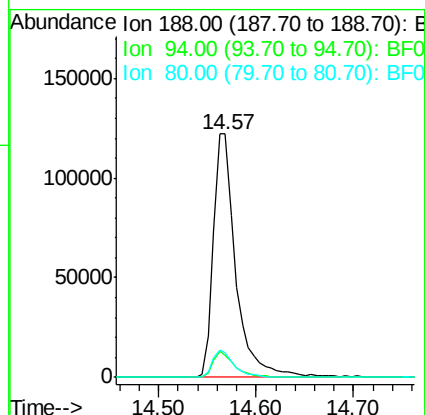
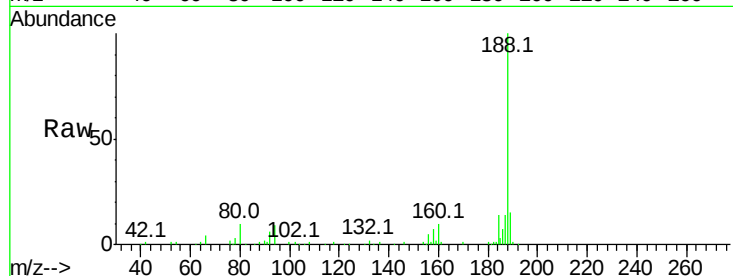




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF095975.D
Acq: 17 Jun 2017 2:47

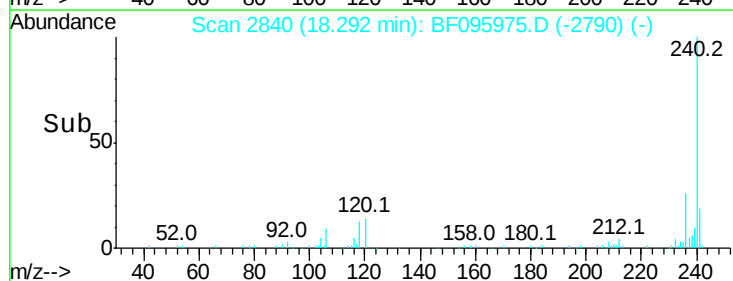
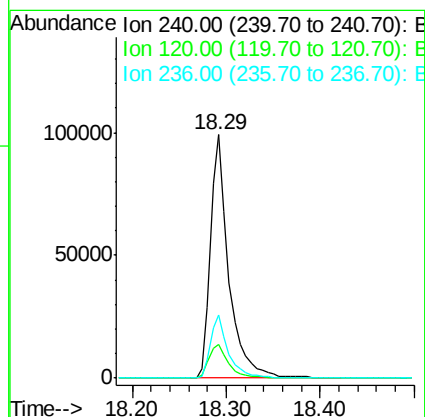
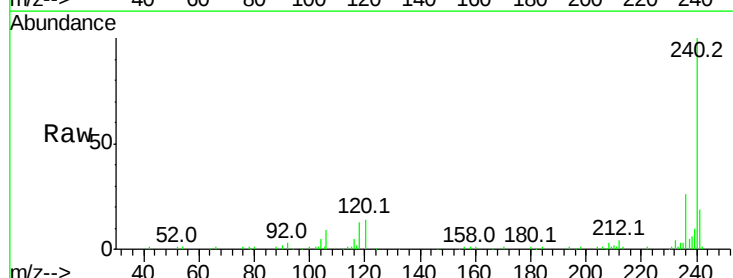
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PB99832TB

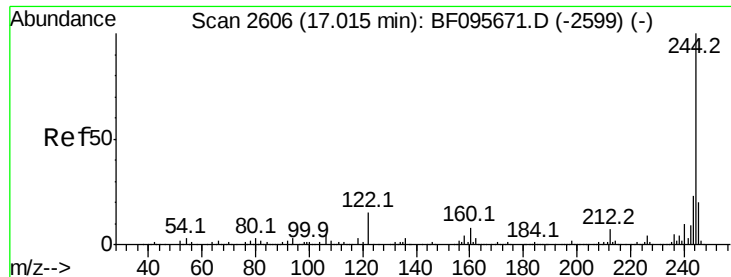
Tot Ion:188 Resp: 195117
Ion Ratio Lower Upper
188 100
94 9.4 9.4 14.2#
80 10.0 10.2 15.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF095975.D
Acq: 17 Jun 2017 2:47

Tgt Ion:240 Resp: 135699
Ion Ratio Lower Upper
240 100
120 13.8 5.8 8.8#
236 25.9 20.5 30.7

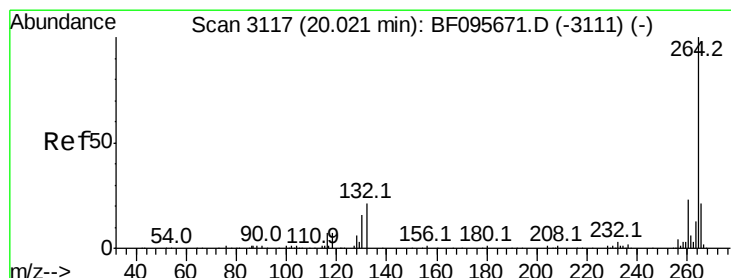
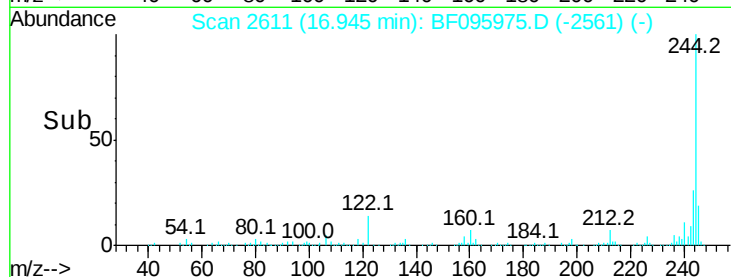
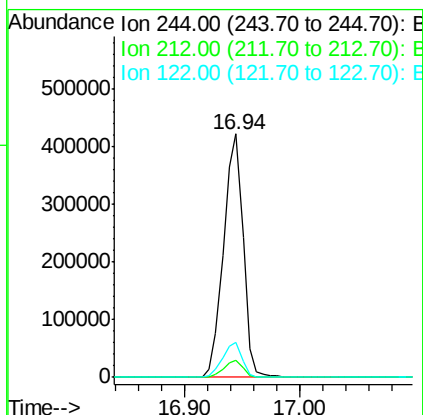
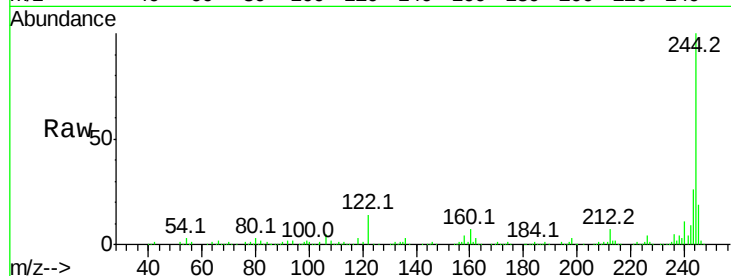




#78
 Terphenyl-d14
 Concen: 90.83 ng
 RT: 16.94 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BF095975.D
 Acq: 17 Jun 2017 2:47

Instrument :
 BNA_F
 ClientSampled :
 PB99832TB

Tot Ion:244 Resp: 496667
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: BF095975.D
 Acq: 17 Jun 2017 2:47

Tgt Ion:264 Resp: 126563
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.5 29.3
 265 21.5 17.2 25.8

