

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094001.D
 Acq On : 28 Mar 2017 19:12
 Operator : SJ/MA
 Sample : PB97859TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97859TB

Quant Time: Mar 29 03:50:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	161377	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	664963	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	301705	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	524289	20.00	ng	-0.03
75) Chrysene-d12	14.64	240	358382	20.00	ng	-0.04
86) Perylene-d12	16.27	264	268978	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1216569	127.33	ng	0.00
7) Phenol-d6	5.53	99	1555331	131.59	ng	-0.02
23) Nitrobenzene-d5	6.57	82	961082	82.48	ng	-0.03
41) 2,4,6-Tribromophenol	10.54	330	338750	142.09	ng	-0.03
44) 2-Fluorobiphenyl	8.76	172	1755978	88.77	ng	-0.02
78) Terphenyl-d14	13.37	244	1376096	86.07	ng	-0.03

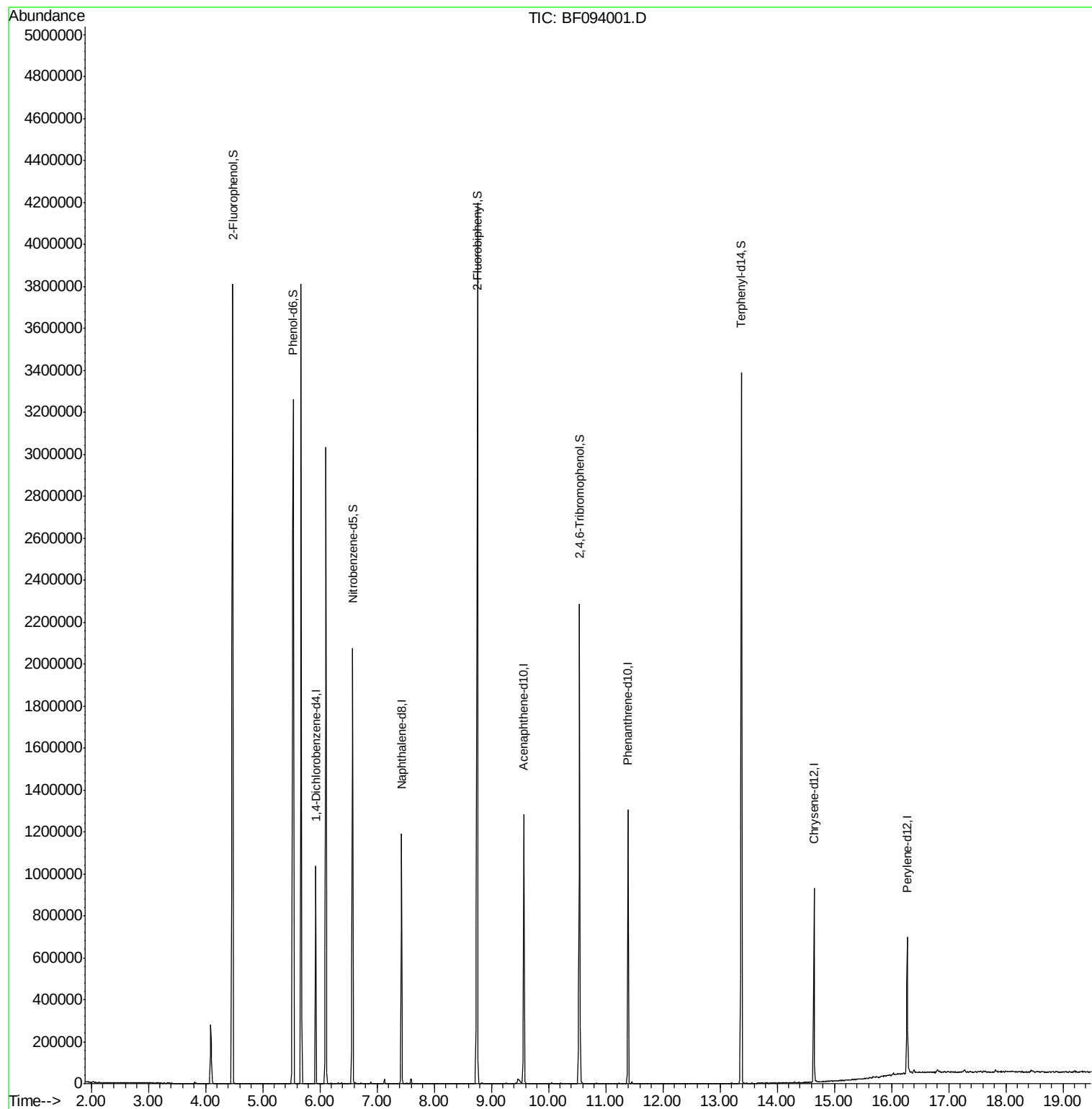
Target Compounds Qvalue

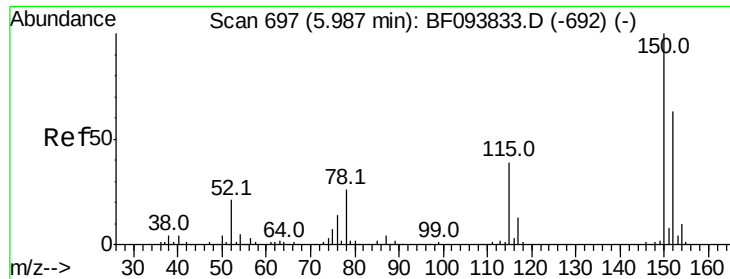
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.93 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF094001.D

Acq: 28 Mar 2017 19:12

Instrument :

BNA_F

ClientSampleId :

PB97859TB

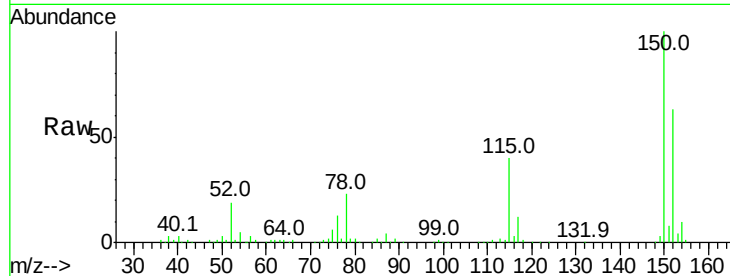
Tot Ion:152 Resp: 161377

Ion Ratio Lower Upper

152 100

150 159.6 126.2 189.2

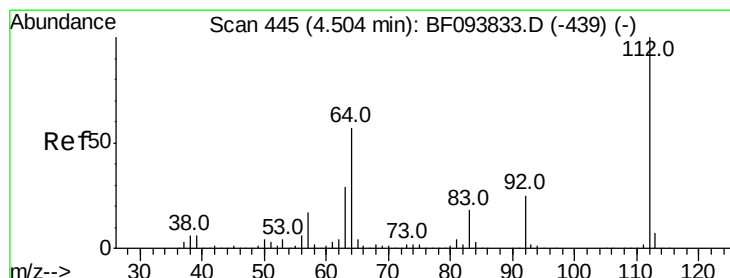
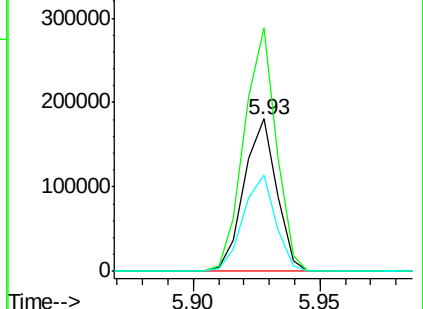
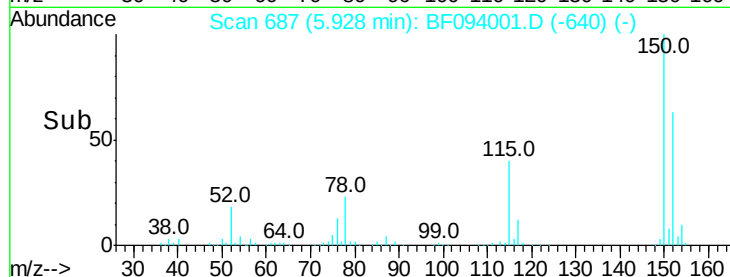
115 63.3 52.2 78.2



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: 127.33 ng

RT: 4.47 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF094001.D

Acq: 28 Mar 2017 19:12

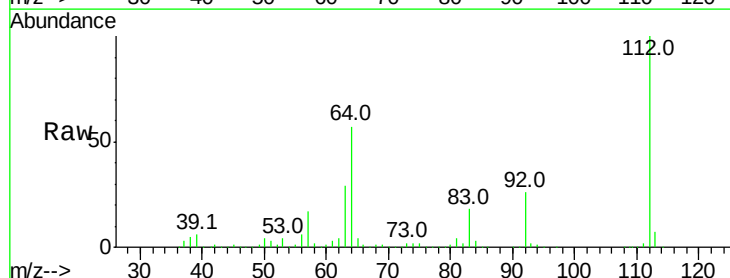
Tgt Ion:112 Resp: 1216569

Ion Ratio Lower Upper

112 100

64 56.8 46.0 69.0

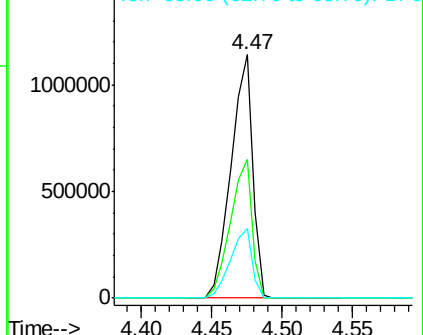
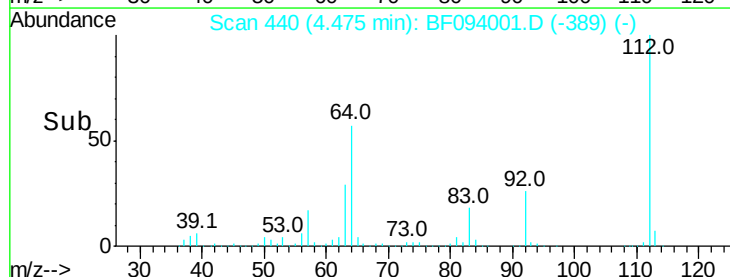
63 28.7 23.4 35.0

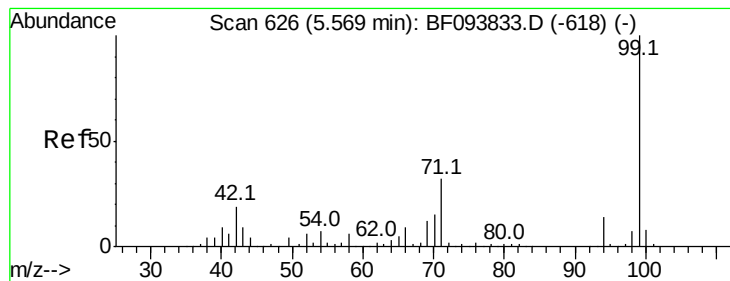


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.59 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF094001.D

Acq: 28 Mar 2017 19:12

Instrument :

BNA_F

ClientSampleId :

PB97859TB

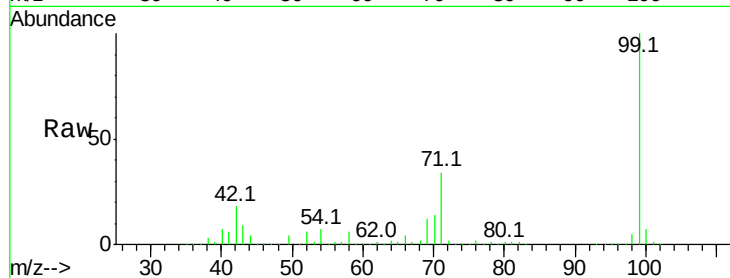
Tot Ion: 99 Resp: 1555331

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

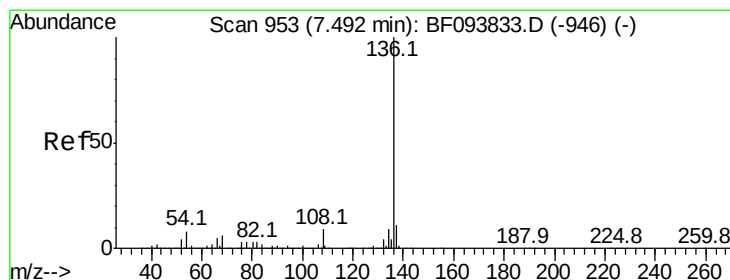
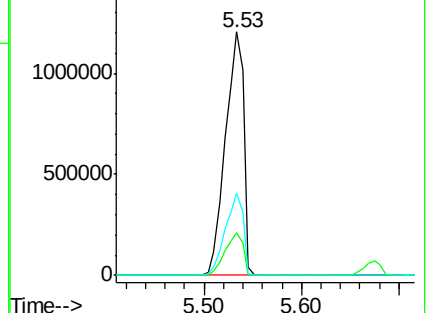
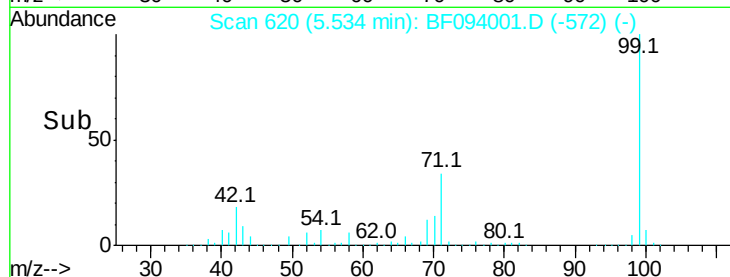
71 33.9 24.5 36.7



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: 7.43 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF094001.D

Acq: 28 Mar 2017 19:12

Tgt Ion:136 Resp: 664963

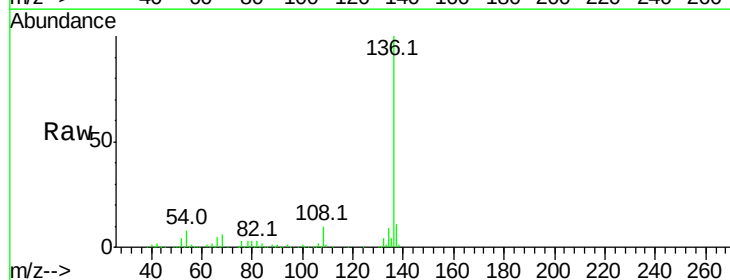
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.6 4.9 7.3#

68 6.2 4.1 6.1#

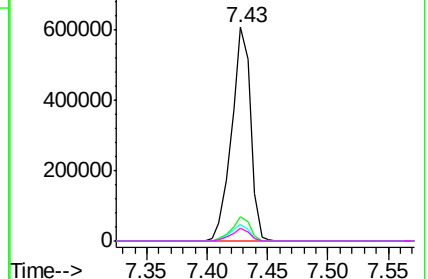
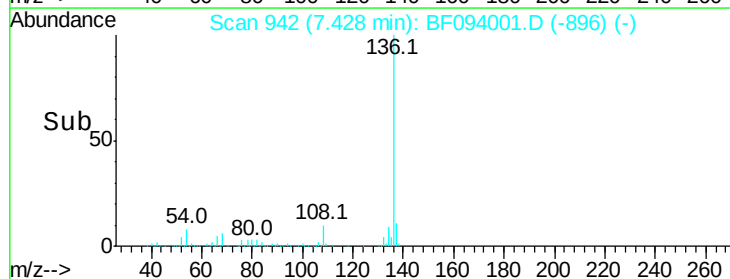


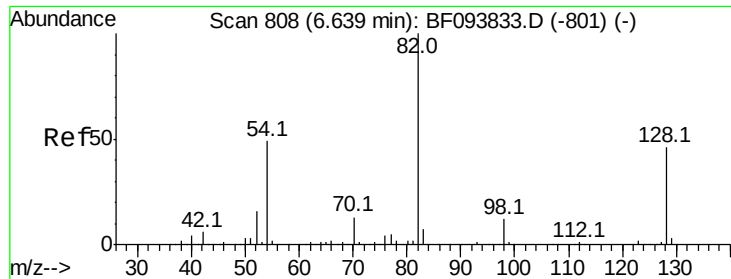
Abundance Ion 136.00 (135.70 to 136.70): E

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

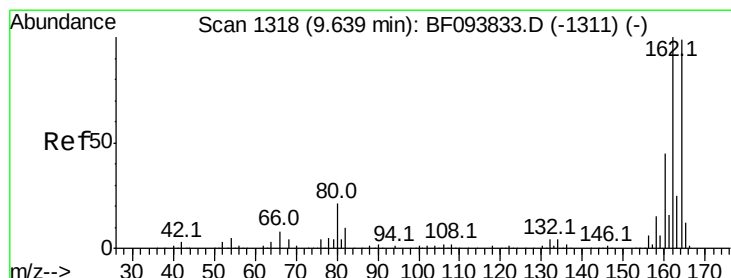
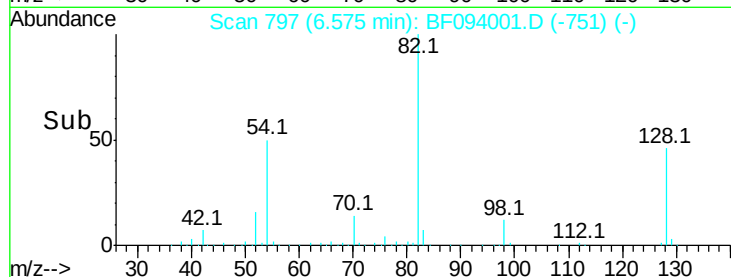
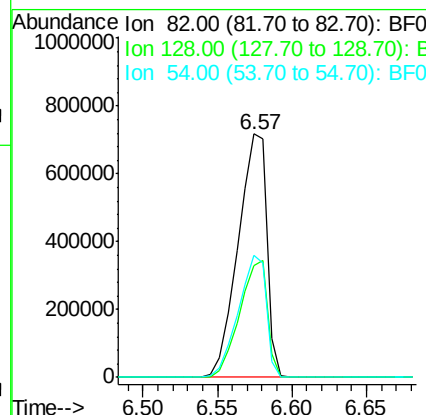
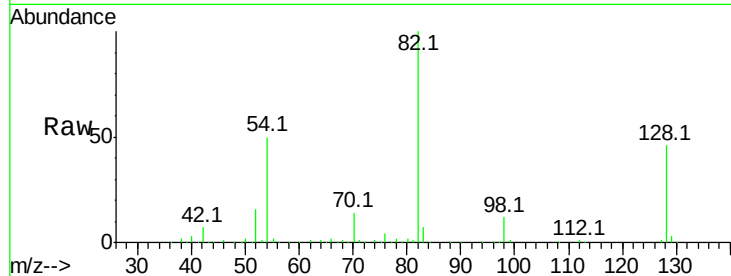




#23
 Nitrobenzene-d5
 Concen: 82.48 ng
 RT: 6.57 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF094001.D
 Acq: 28 Mar 2017 19:12

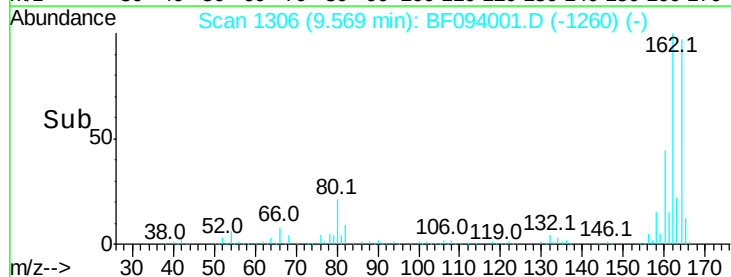
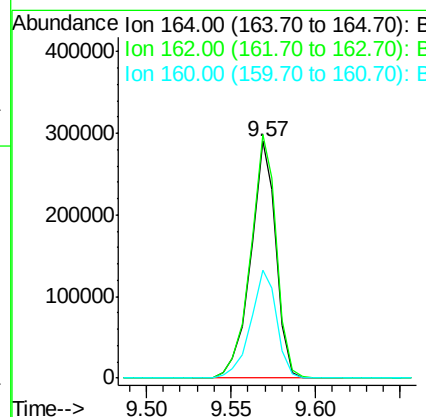
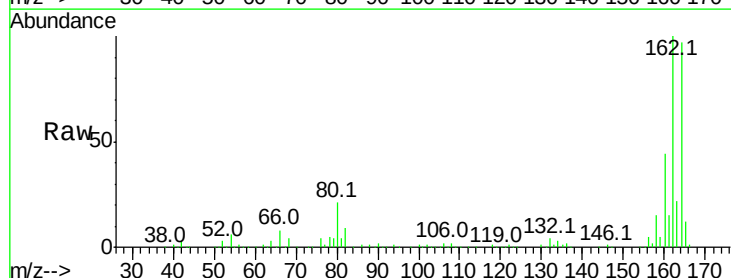
Instrument :
 BNA_F
 ClientSampleId :
 PB97859TB

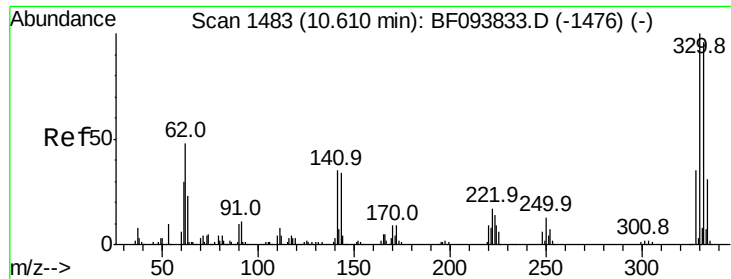
Tot Ion	82	Resp	961082
Ion Ratio	Lower	Upper	
82	100		
128	45.9	34.0	51.0
54	50.2	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. -0.03 min
 Lab File: BF094001.D
 Acq: 28 Mar 2017 19:12

Tgt Ion	164	Resp	301705
Ion Ratio	Lower	Upper	
164	100		
162	102.7	82.6	123.8
160	45.6	36.2	54.2

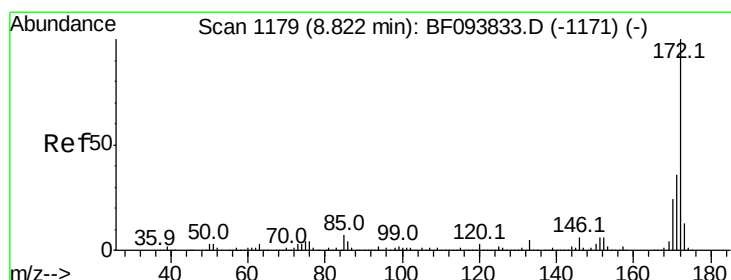
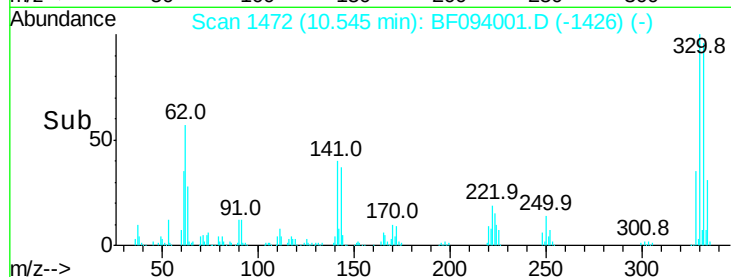
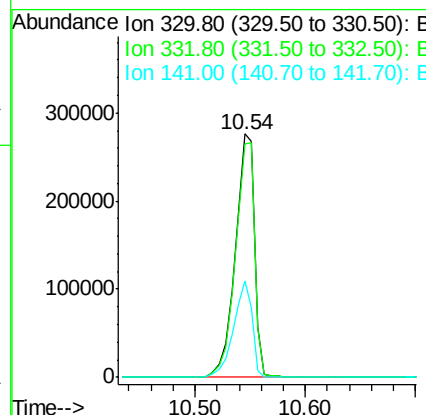
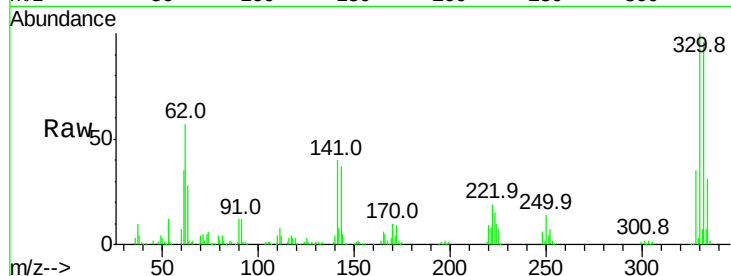




#41
 2,4,6-Tribromophenol
 Concen: 142.09 ng
 RT: 10.54 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF094001.D
 Acq: 28 Mar 2017 19:12

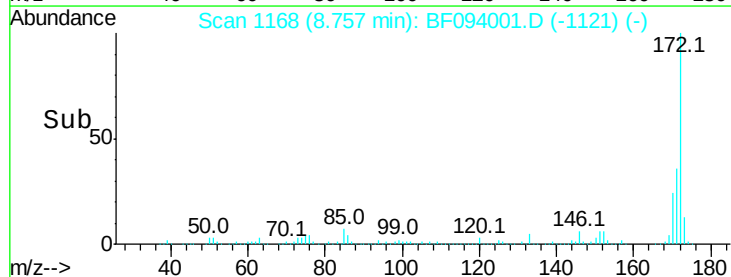
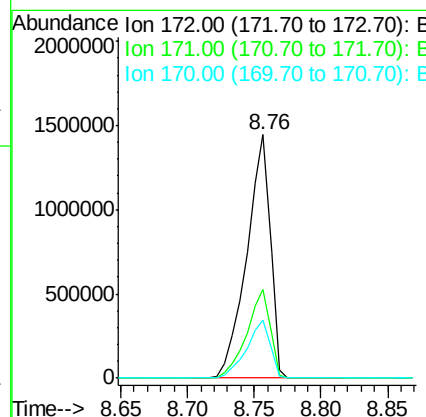
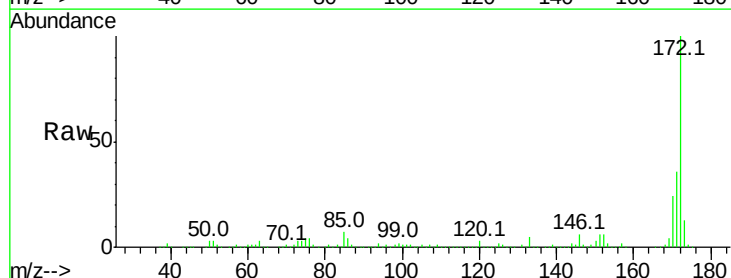
Instrument :
 BNA_F
 ClientSampleId :
 PB97859TB

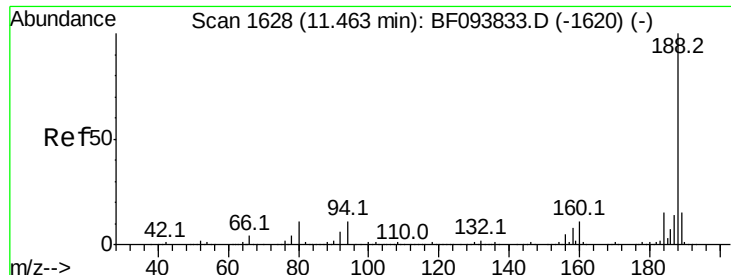
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	38.1	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 88.77 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF094001.D
 Acq: 28 Mar 2017 19:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.9	19.8	29.8

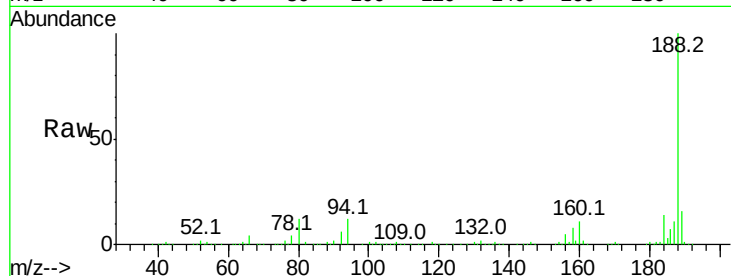




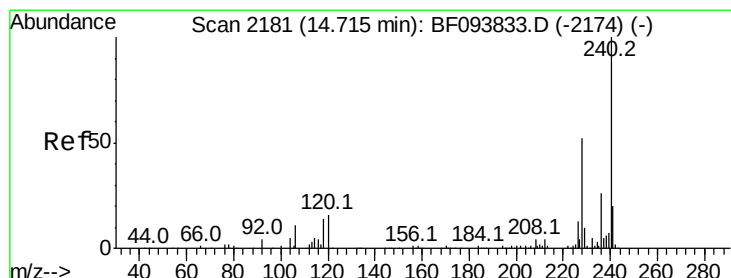
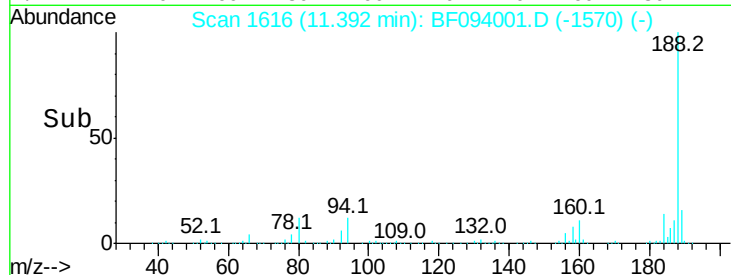
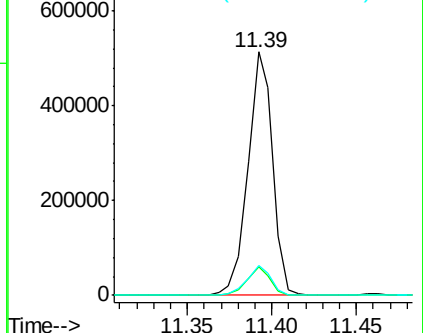
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1616
 Delta R.T. -0.03 min
 Lab File: BF094001.D
 Acq: 28 Mar 2017 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PB97859TB

Tot Ion:188 Resp: 524289
 Ion Ratio Lower Upper
 188 100
 94 11.5 9.4 14.2
 80 12.5 10.2 15.2

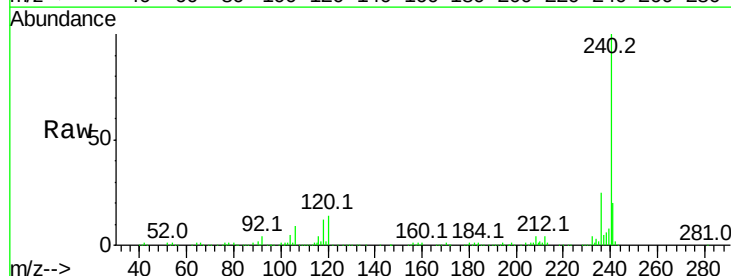


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

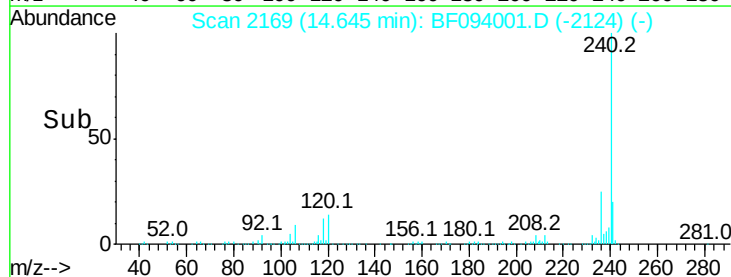
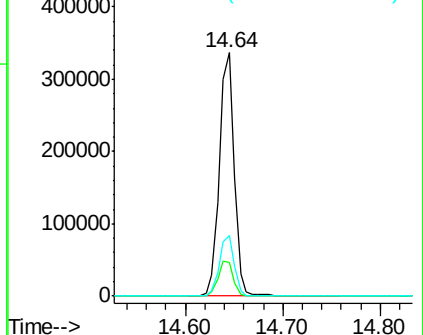


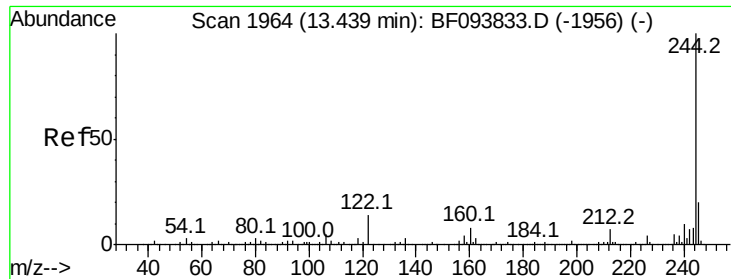
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.64 min Scan# 2169
 Delta R.T. -0.04 min
 Lab File: BF094001.D
 Acq: 28 Mar 2017 19:12

Tgt Ion:240 Resp: 358382
 Ion Ratio Lower Upper
 240 100
 120 13.9 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: 86.07 ng

RT: 13.37 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BF094001.D

Acq: 28 Mar 2017 19:12

Instrument :

BNA_F

ClientSampled :

PB97859TB

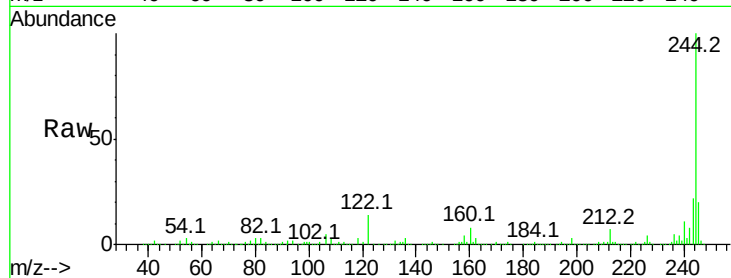
Tot Ion:244 Resp: 1376096

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

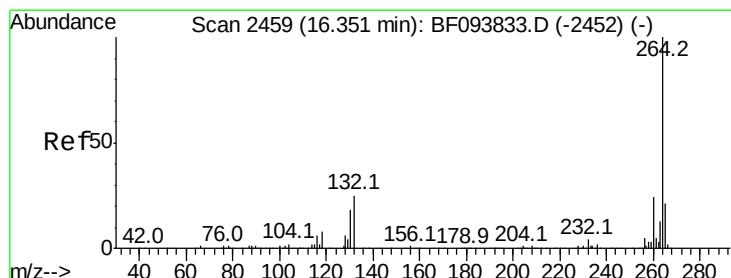
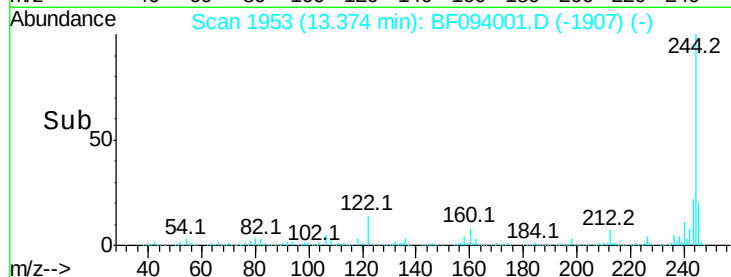
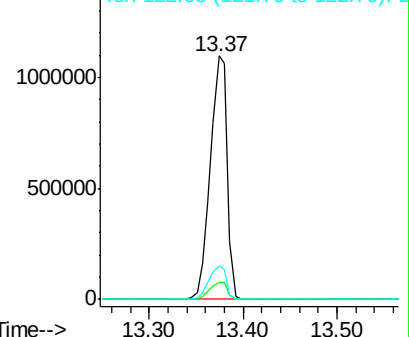
122 14.1 10.3 15.5



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: 16.27 min Scan# 2446

Delta R.T. -0.04 min

Lab File: BF094001.D

Acq: 28 Mar 2017 19:12

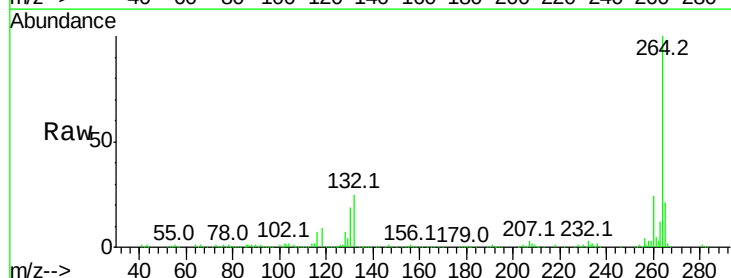
Tgt Ion:264 Resp: 268978

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.5 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

