

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094002.D
 Acq On : 28 Mar 2017 19:40
 Operator : SJ/MA
 Sample : PB97860BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BL

Quant Time: Mar 29 03:51:26 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	162427	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	653623	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	298182	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	523610	20.00	ng	-0.03
75) Chrysene-d12	14.65	240	338173	20.00	ng	-0.04
86) Perylene-d12	16.27	264	253895	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	838514	87.19	ng	0.00
7) Phenol-d6	5.53	99	1038829	87.32	ng	-0.02
23) Nitrobenzene-d5	6.57	82	937017	81.81	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	230811	97.96	ng	-0.03
44) 2-Fluorobiphenyl	8.76	172	1714417	87.70	ng	-0.02
78) Terphenyl-d14	13.37	244	1348720	89.40	ng	-0.03

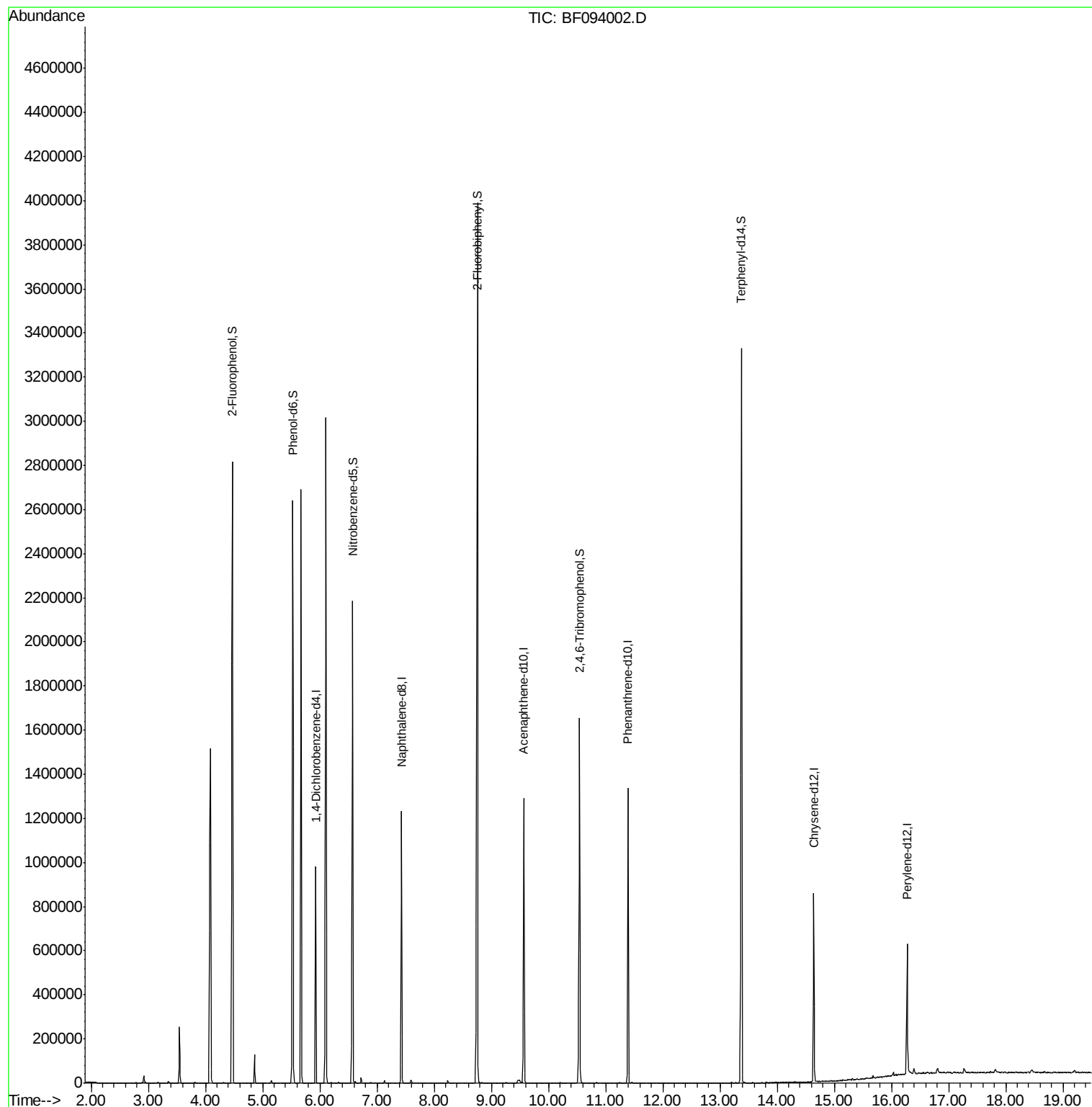
Target Compounds Qvalue

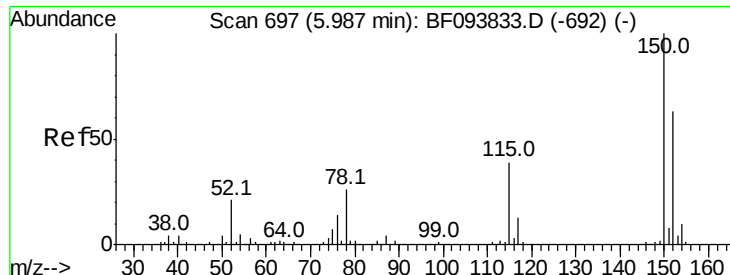
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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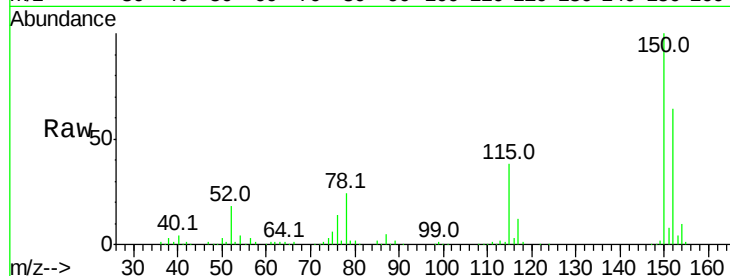


#1

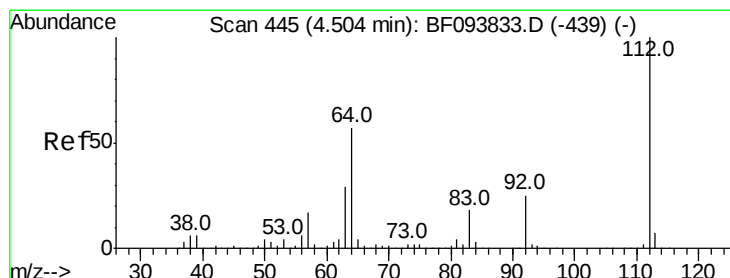
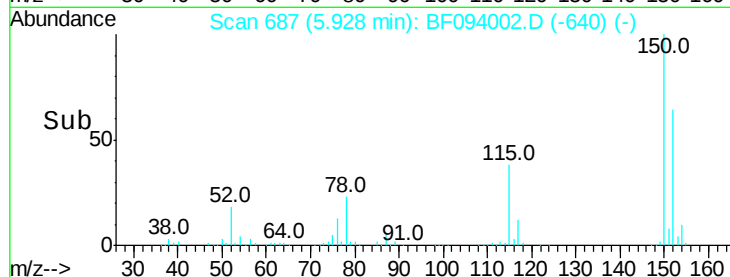
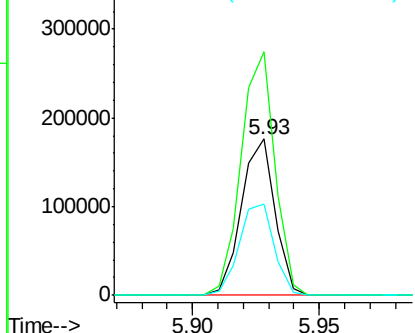
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.93 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF094002.D
 Acq: 28 Mar 2017 19:40

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BL

Tot Ion:152 Resp: 162427
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.2 189.2
 115 58.4 52.2 78.2



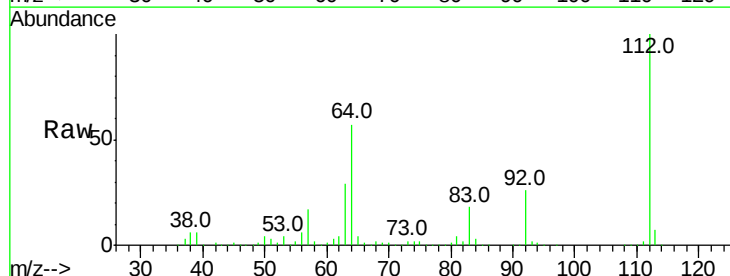
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



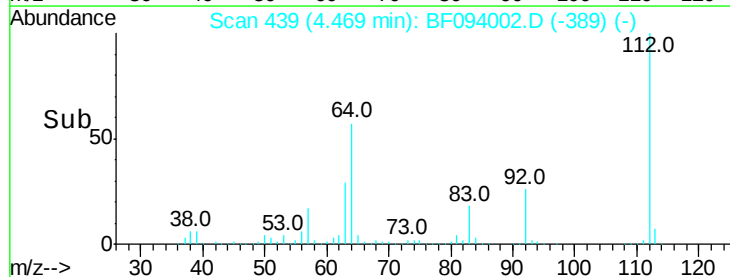
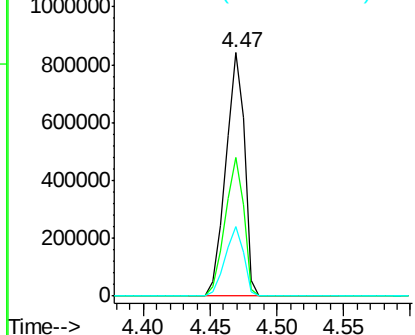
#5

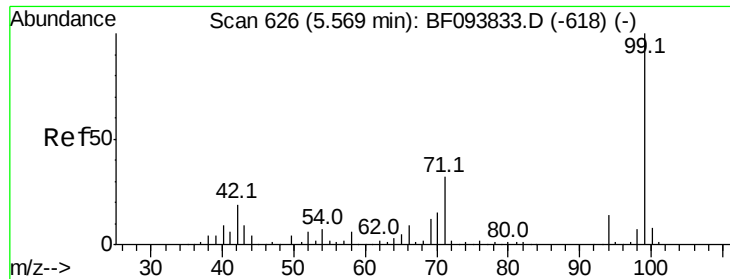
2-Fluorophenol
 Concen: 87.19 ng
 RT: 4.47 min Scan# 439
 Delta R.T. -0.01 min
 Lab File: BF094002.D
 Acq: 28 Mar 2017 19:40

Tgt Ion:112 Resp: 838514
 Ion Ratio Lower Upper
 112 100
 64 57.2 46.0 69.0
 63 28.5 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: 87.32 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF094002.D

Acq: 28 Mar 2017 19:40

Instrument :

BNA_F

ClientSampleId :

PB97860BL

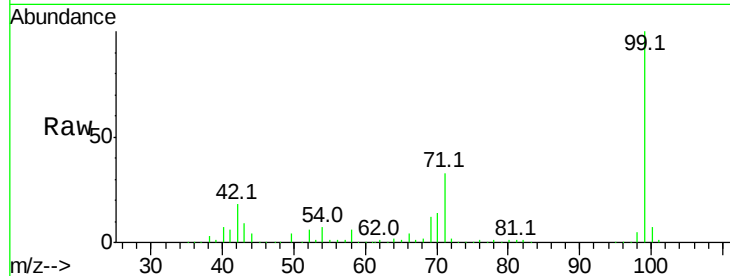
Tot Ion: 99 Resp: 1038829

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

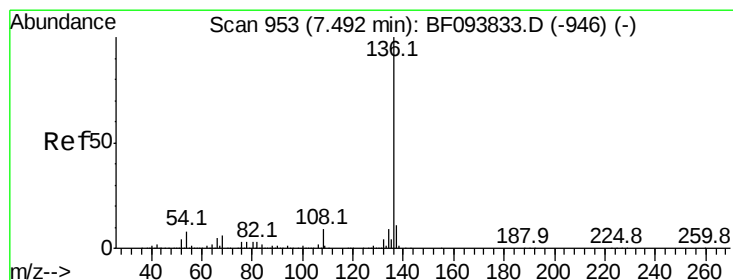
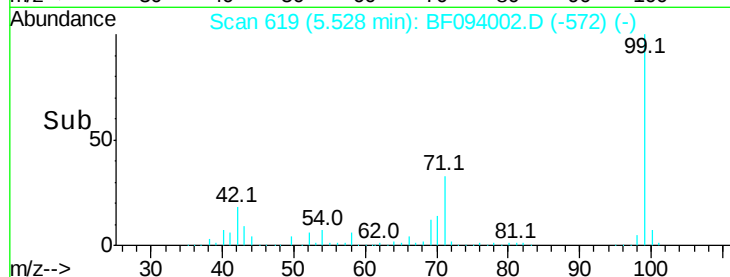
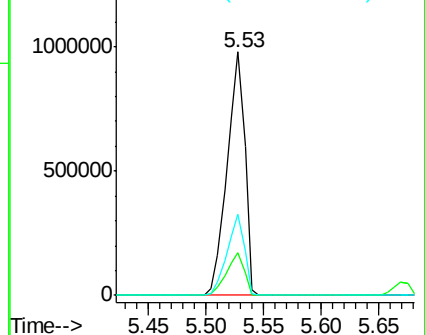
71 33.2 24.5 36.7



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: 7.43 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF094002.D

Acq: 28 Mar 2017 19:40

Tgt Ion: 136 Resp: 653623

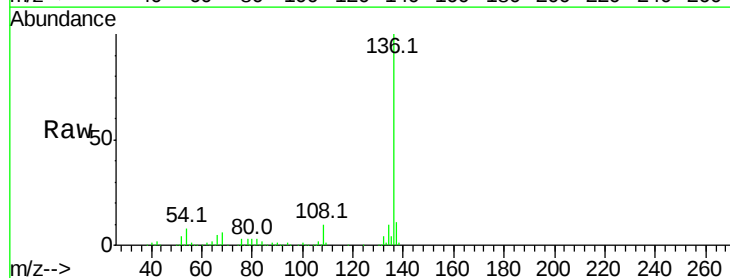
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.6 4.9 7.3#

68 5.9 4.1 6.1

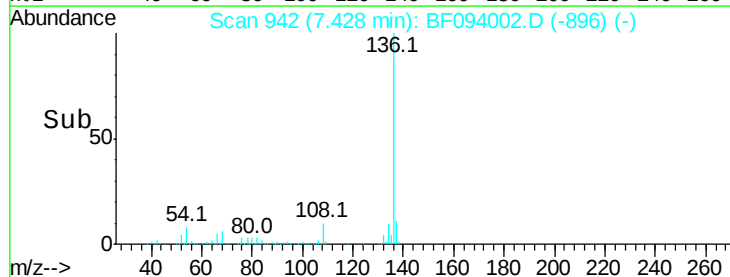
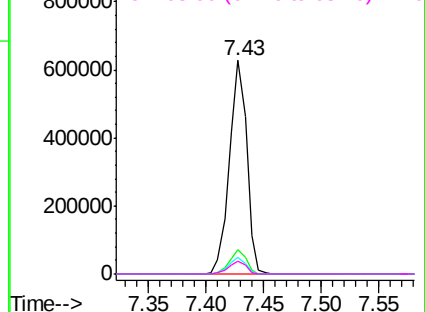


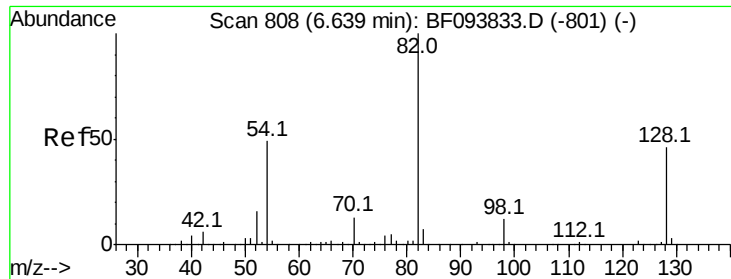
Abundance Ion 136.00 (135.70 to 136.70): E

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

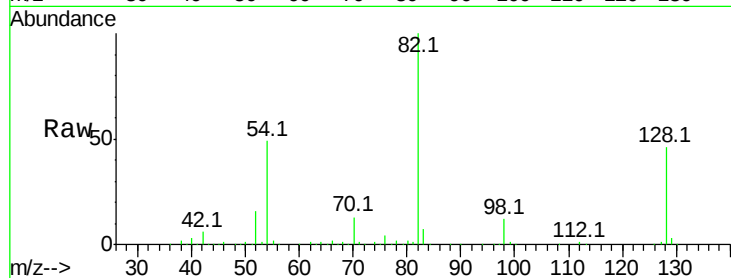




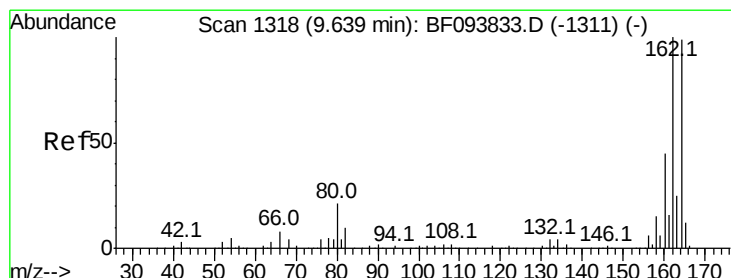
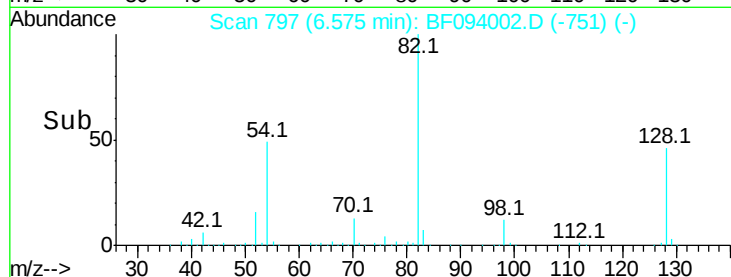
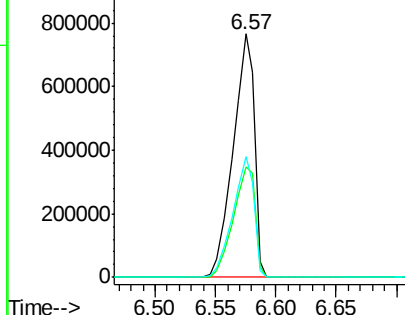
#23
 Nitrobenzene-d5
 Concen: 81.81 ng
 RT: 6.57 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF094002.D
 Acq: 28 Mar 2017 19:40

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BL

Tot Ion: 82 Resp: 937017
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.0 51.0
 54 49.4 42.2 63.2

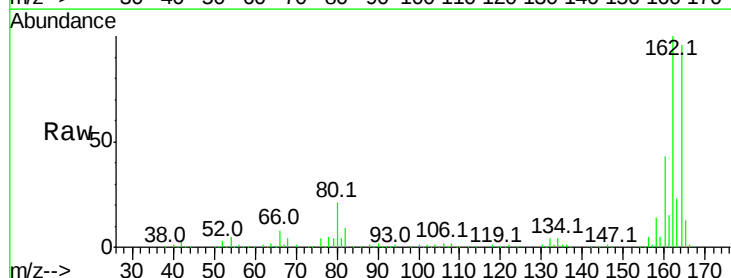


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

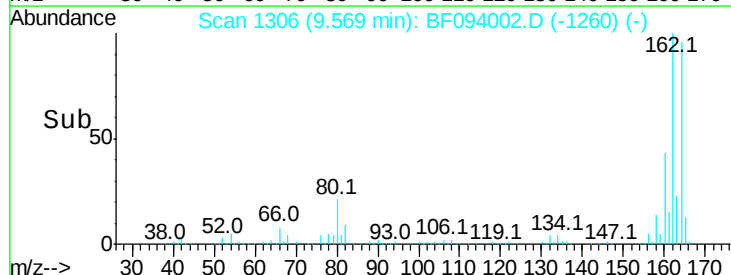
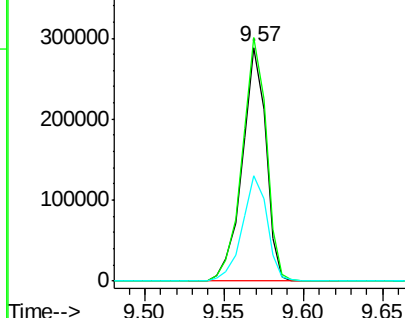


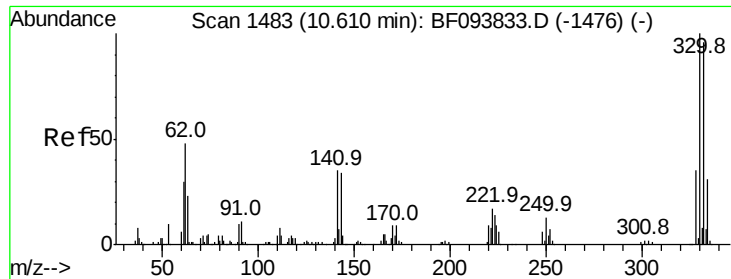
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 1306
 Delta R.T. -0.03 min
 Lab File: BF094002.D
 Acq: 28 Mar 2017 19:40

Tgt Ion:164 Resp: 298182
 Ion Ratio Lower Upper
 164 100
 162 104.3 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

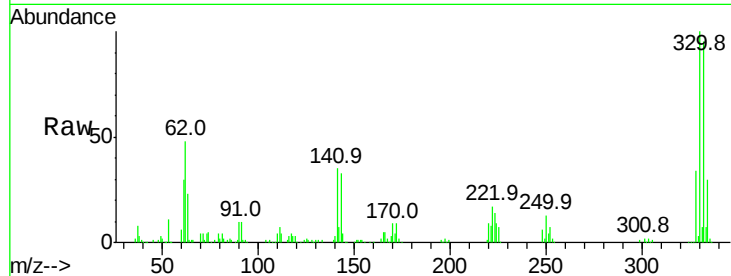




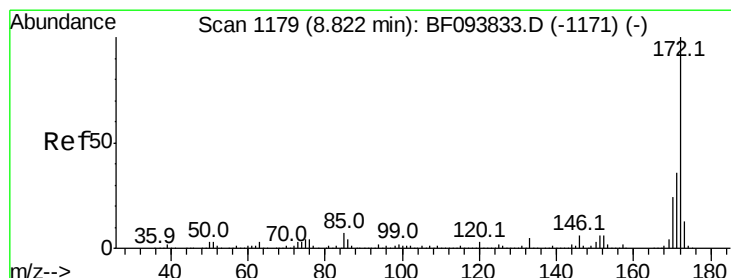
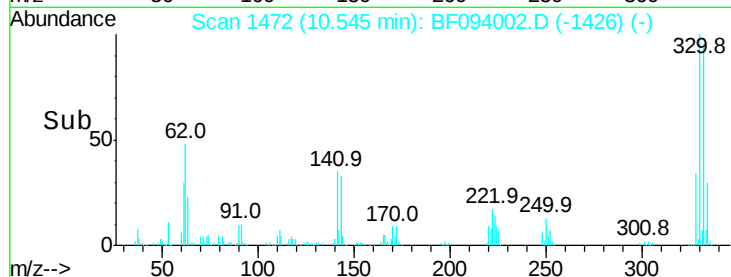
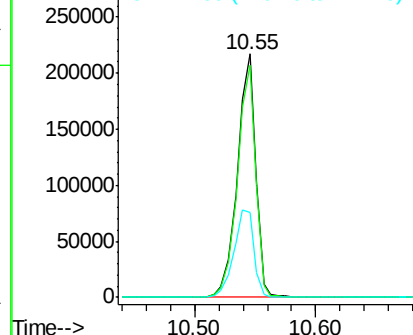
#41
 2,4,6-Tribromophenol
 Concen: 97.96 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF094002.D
 Acq: 28 Mar 2017 19:40

Instrument :
 BNA_F
 ClientSampleId :
 PB97860BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	39.2	31.4	47.2

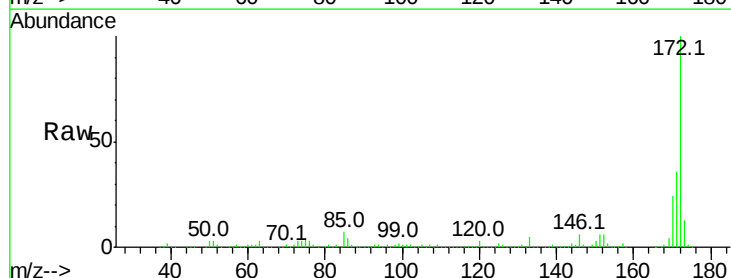


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

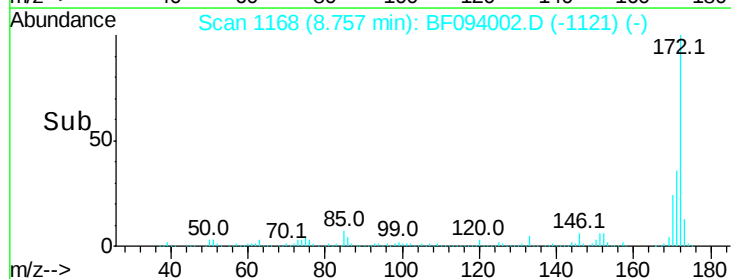
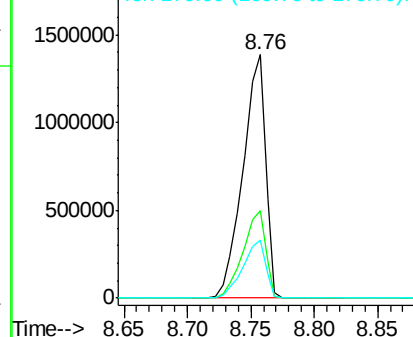


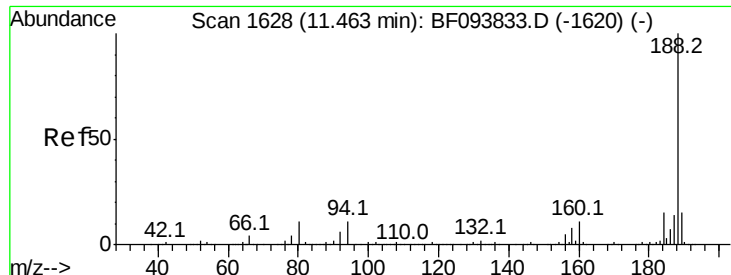
#44
 2-Fluorobiphenyl
 Concen: 87.70 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF094002.D
 Acq: 28 Mar 2017 19:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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

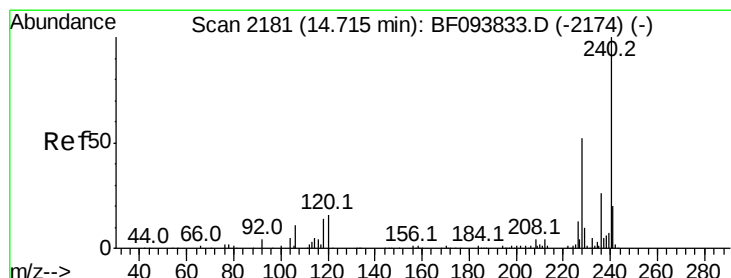
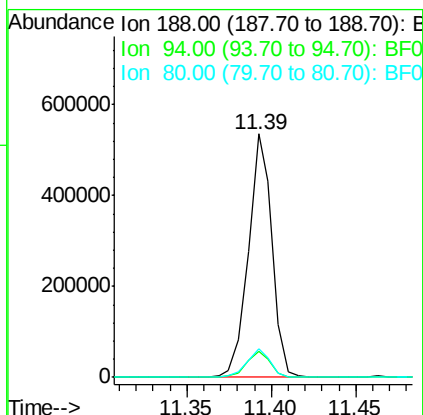
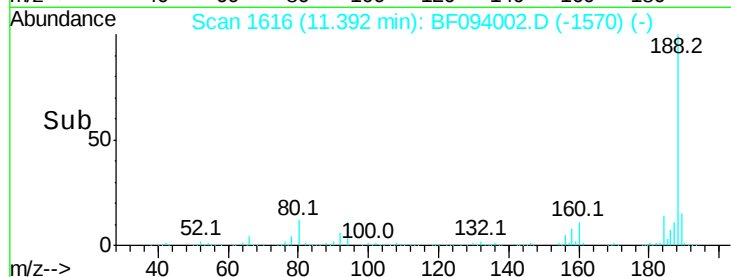
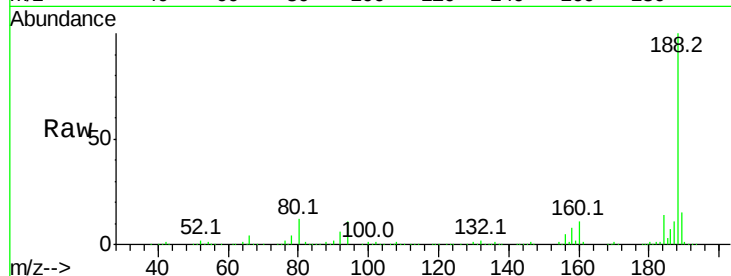




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.03 min
Lab File: BF094002.D
Acq: 28 Mar 2017 19:40

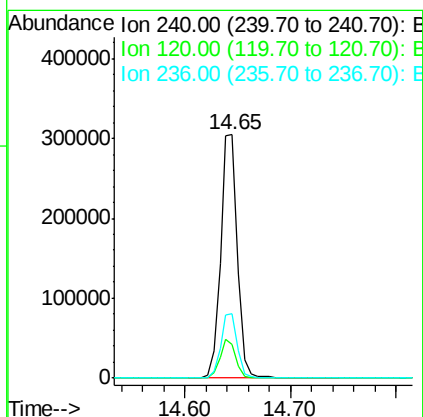
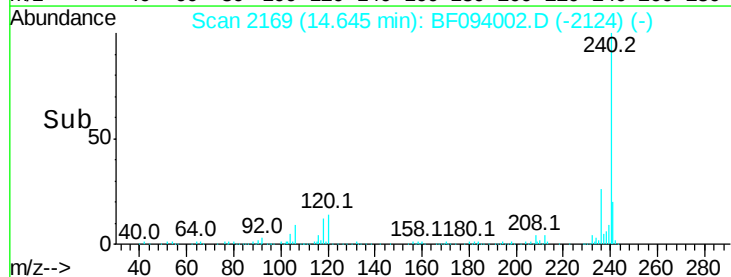
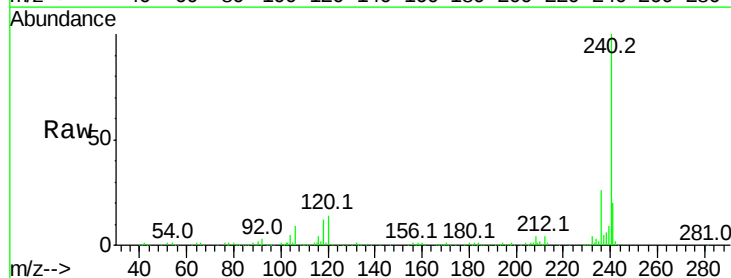
Instrument :
BNA_F
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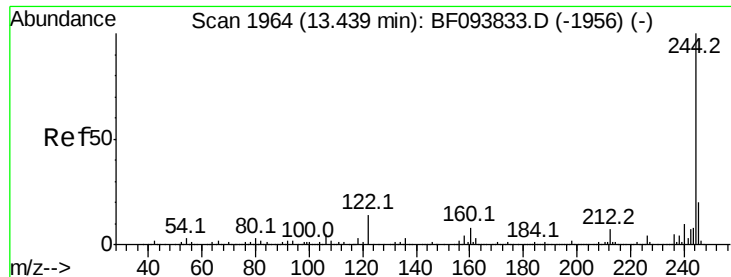
Tot Ion:188 Resp: 523610
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.6 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.65 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF094002.D
Acq: 28 Mar 2017 19:40

Tgt Ion:240 Resp: 338173
Ion Ratio Lower Upper
240 100
120 13.7 5.8 8.8#
236 26.3 20.5 30.7





#78

Terphenyl-d14

Concen: 89.40 ng

RT: 13.37 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BF094002.D

Acq: 28 Mar 2017 19:40

Instrument :

BNA_F

ClientSampled :

PB97860BL

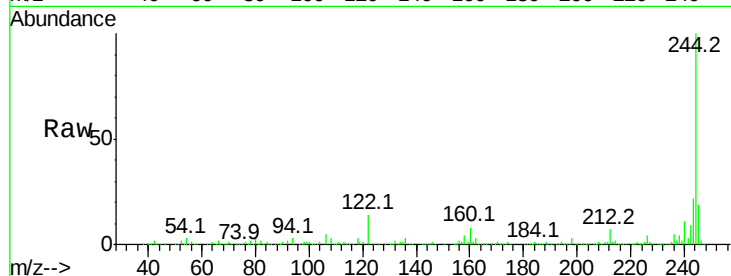
Tot Ion:244 Resp: 1348720

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

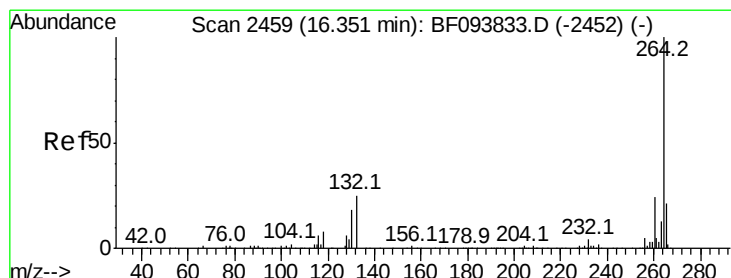
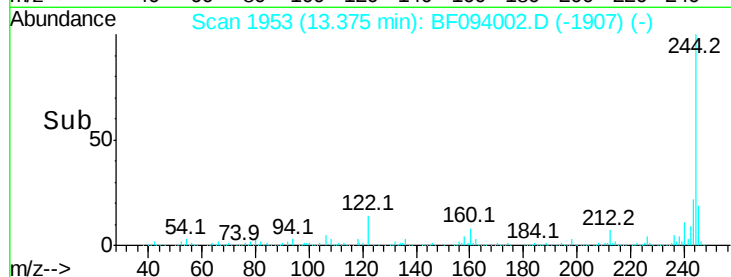
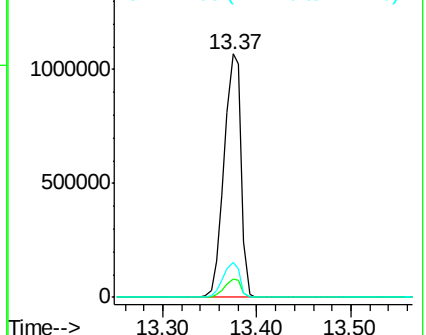
122 14.3 10.3 15.5



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: BF094002.D

Acq: 28 Mar 2017 19:40

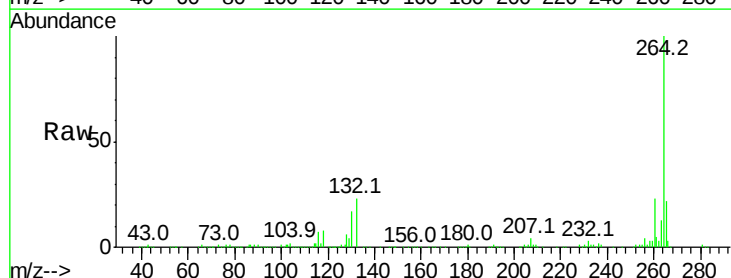
Tgt Ion:264 Resp: 253895

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 22.3 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

