

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF093993.D
 Acq On : 28 Mar 2017 15:31
 Operator : SJ/MA
 Sample : PB97829BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97829BL

Quant Time: Mar 29 03:20:13 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	145960	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	590689	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	274661	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	510310	20.00	ng	-0.03
75) Chrysene-d12	14.64	240	475281	20.00	ng	-0.04
86) Perylene-d12	16.27	264	402005	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1084501	125.50	ng	-0.01
7) Phenol-d6	5.52	99	1343509	125.67	ng	-0.03
23) Nitrobenzene-d5	6.57	82	830514	80.24	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	308786	142.27	ng	-0.03
44) 2-Fluorobiphenyl	8.75	172	1546365	85.87	ng	-0.03
78) Terphenyl-d14	13.37	244	1441798	68.00	ng	-0.03

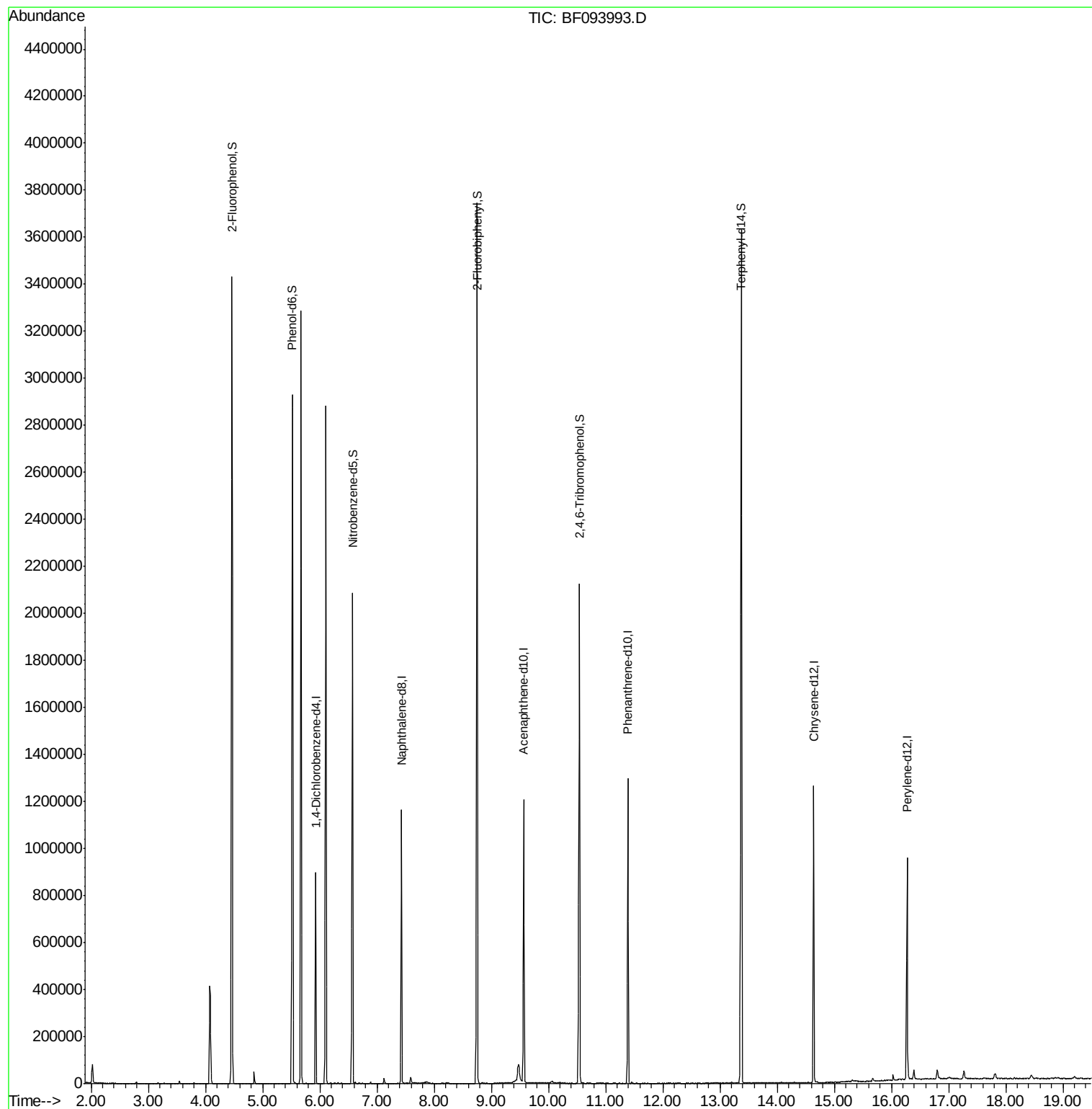
Target Compounds Qvalue

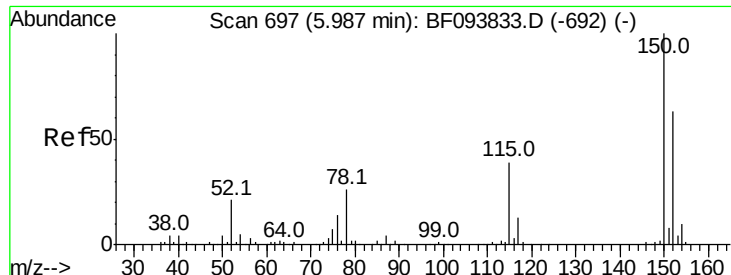
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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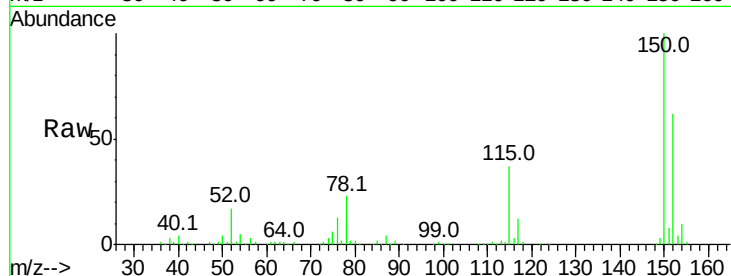


#1

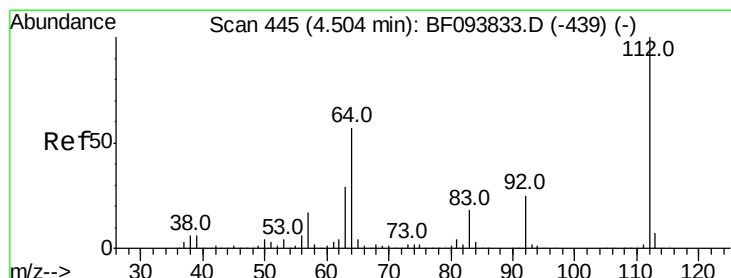
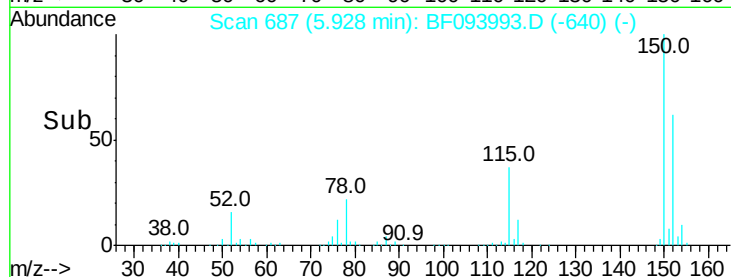
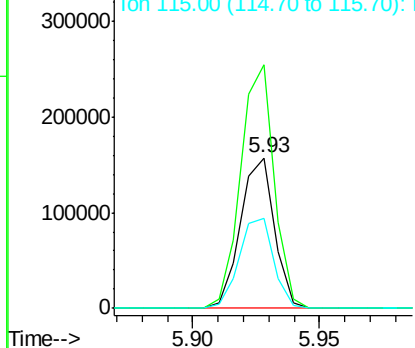
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.93 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF093993.D
 Acq: 28 Mar 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB97829BL

Tot Ion:152 Resp: 145960
 Ion Ratio Lower Upper
 152 100
 150 162.0 126.2 189.2
 115 59.8 52.2 78.2



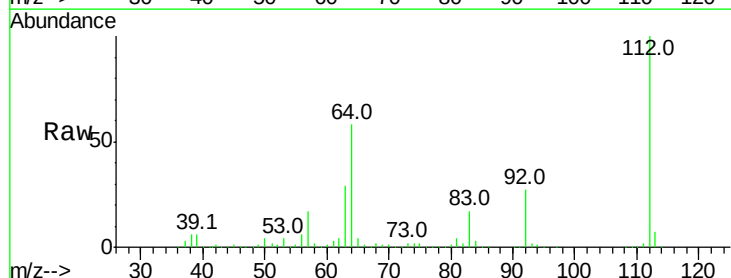
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



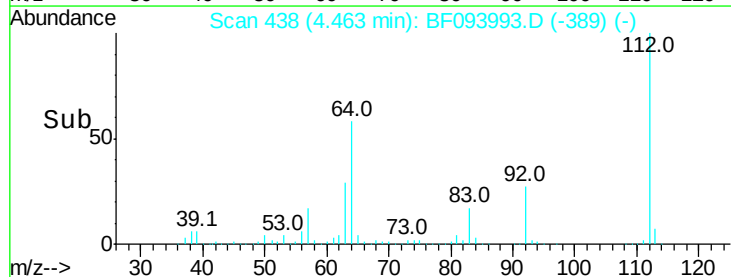
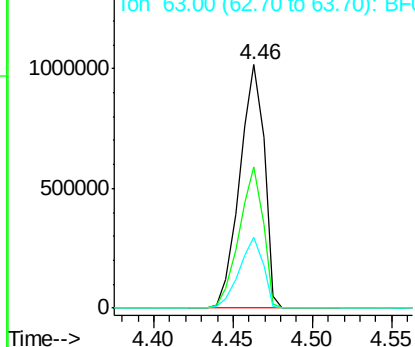
#5

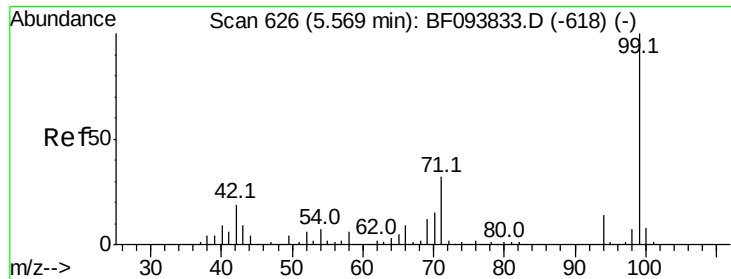
2-Fluorophenol
 Concen: 125.50 ng
 RT: 4.46 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF093993.D
 Acq: 28 Mar 2017 15:31

Tgt Ion:112 Resp: 1084501
 Ion Ratio Lower Upper
 112 100
 64 57.8 46.0 69.0
 63 29.2 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: 125.67 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF093993.D

Acq: 28 Mar 2017 15:31

Instrument :

BNA_F

ClientSampleId :

PB97829BL

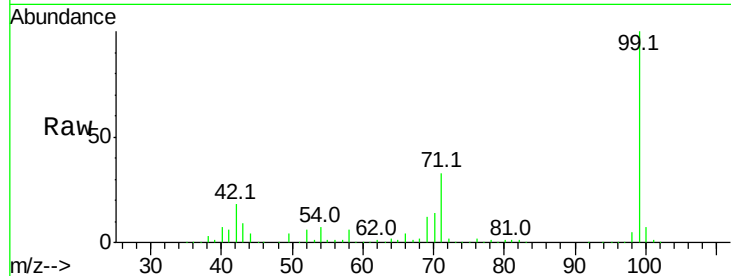
Tot Ion: 99 Resp: 1343509

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

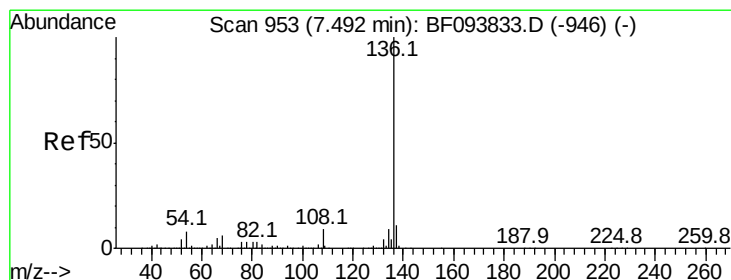
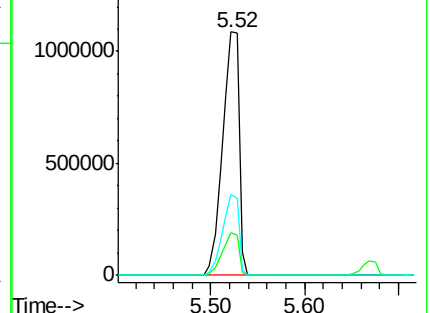
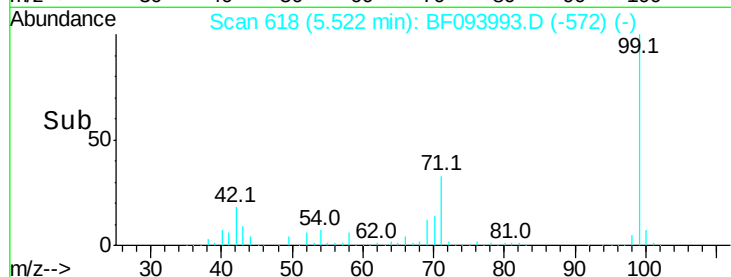
71 33.1 24.5 36.7



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: BF093993.D

Acq: 28 Mar 2017 15:31

Tgt Ion:136 Resp: 590689

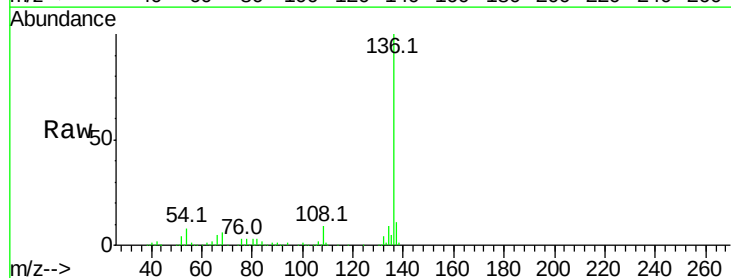
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.6 4.9 7.3#

68 5.9 4.1 6.1

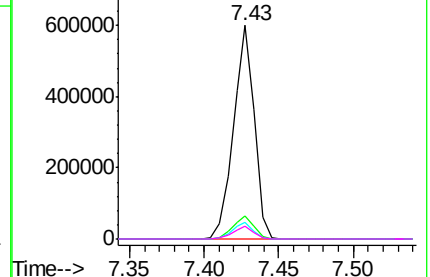
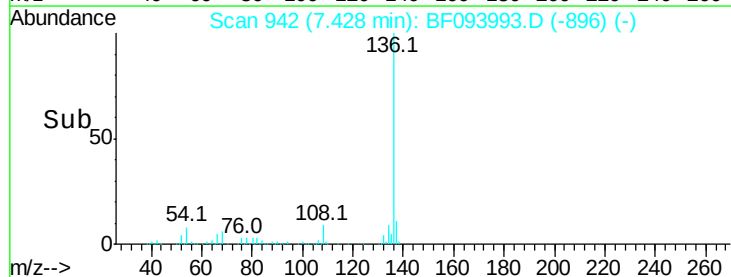


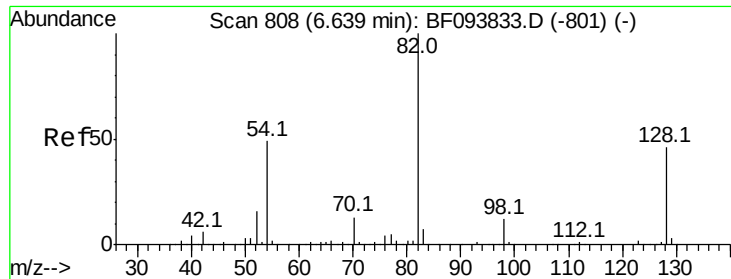
Abundance Ion 136.00 (135.70 to 136.70): E

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

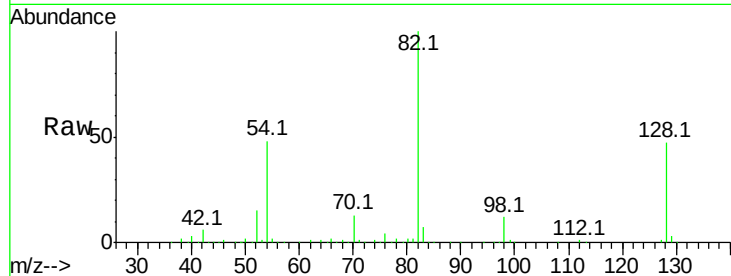




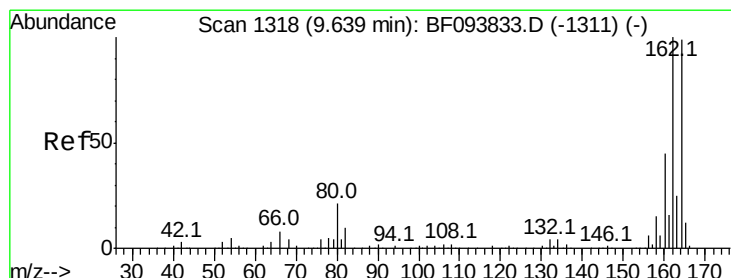
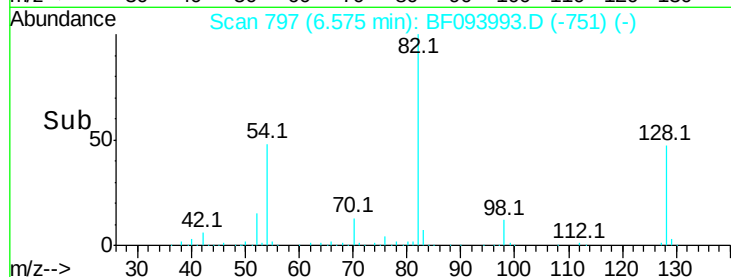
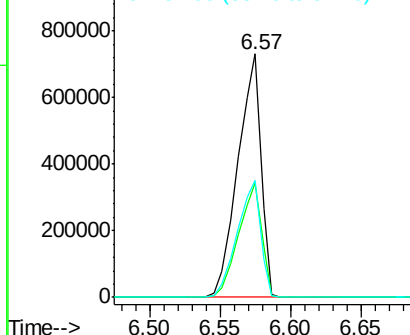
#23
Nitrobenzene-d5
Concen: 80.24 ng
RT: 6.57 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF093993.D
Acq: 28 Mar 2017 15:31

Instrument :
BNA_F
ClientSampleID :
PB97829BL

Tot Ion: 82 Resp: 830514
Ion Ratio Lower Upper
82 100
128 47.0 34.0 51.0
54 48.2 42.2 63.2

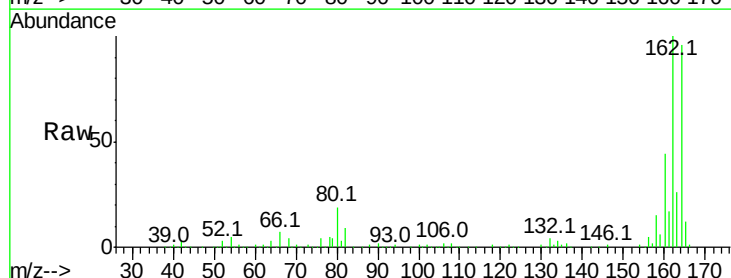


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

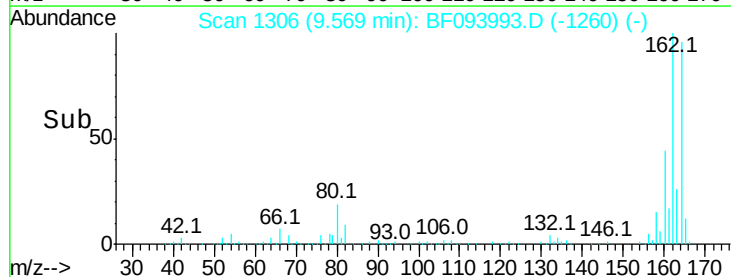
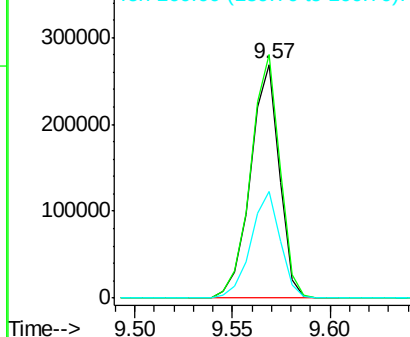


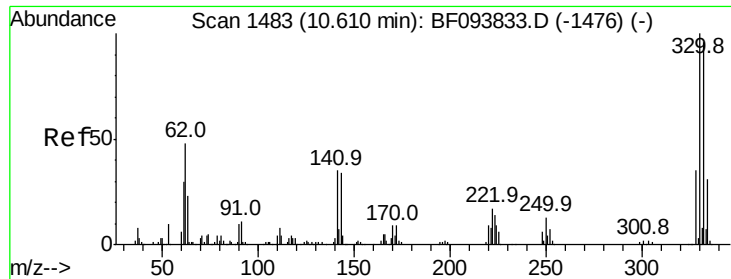
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF093993.D
Acq: 28 Mar 2017 15:31

Tgt Ion:164 Resp: 274661
Ion Ratio Lower Upper
164 100
162 104.2 82.6 123.8
160 45.8 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

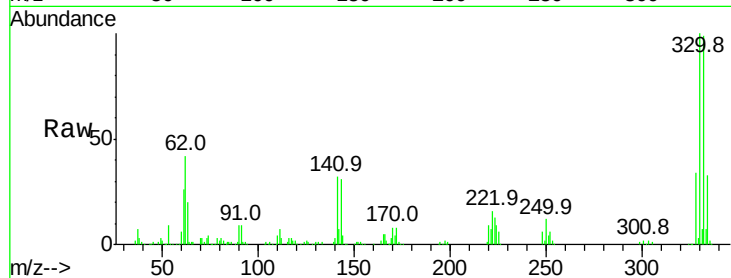




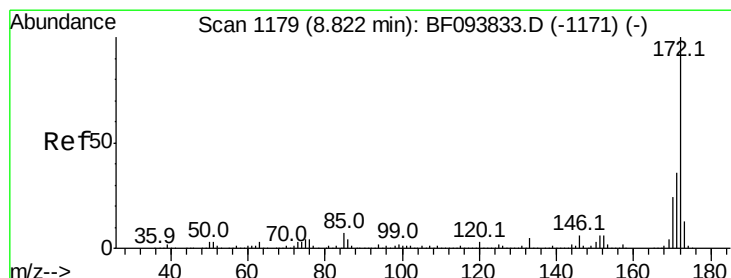
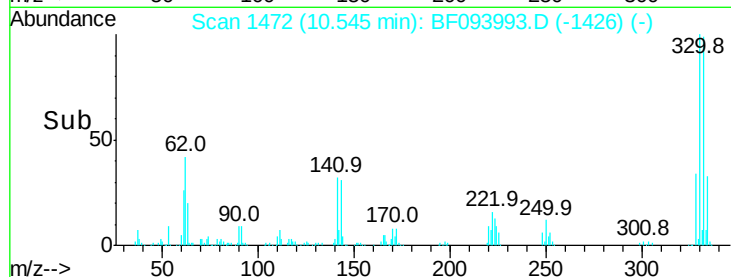
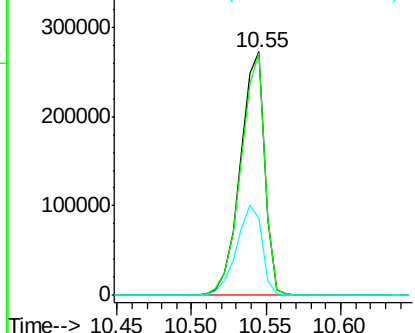
#41
 2,4,6-Tribromophenol
 Concen: 142.27 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF093993.D
 Acq: 28 Mar 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 PB97829BL

Tot Ion:330 Resp: 308786
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 115.0
 141 38.6 31.4 47.2

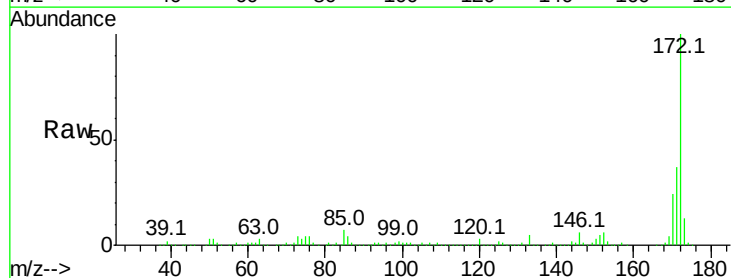


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

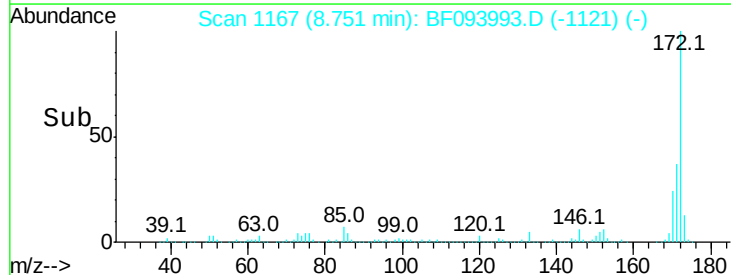
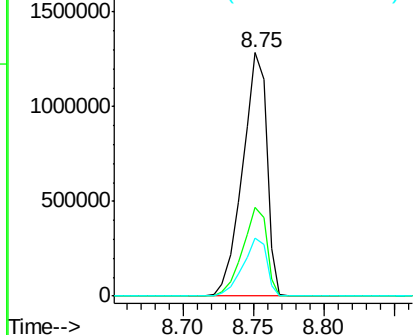


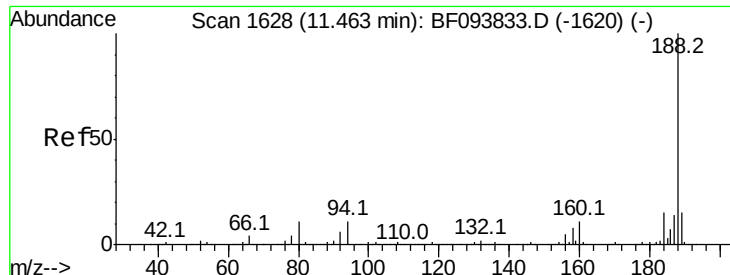
#44
 2-Fluorobiphenyl
 Concen: 85.87 ng
 RT: 8.75 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF093993.D
 Acq: 28 Mar 2017 15:31

Tgt Ion:172 Resp: 1546365
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.9 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: BF093993.D

Acq: 28 Mar 2017 15:31

Instrument :

BNA_F

ClientSampleId :

PB97829BL

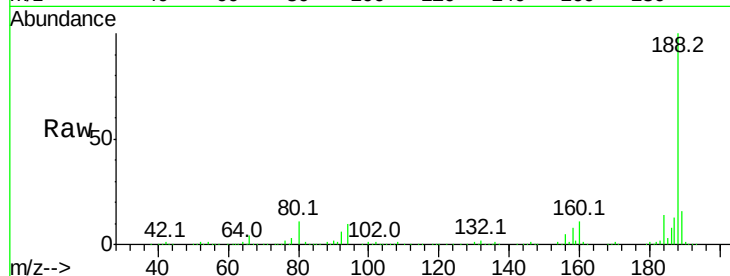
Tot Ion:188 Resp: 510310

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

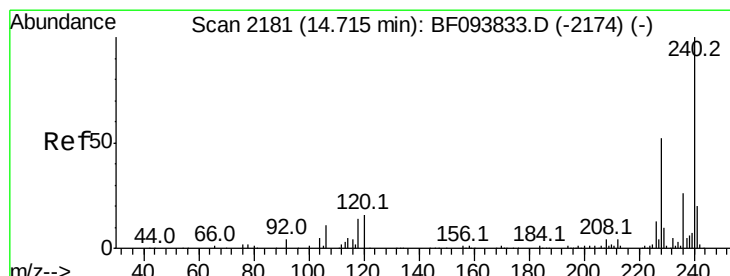
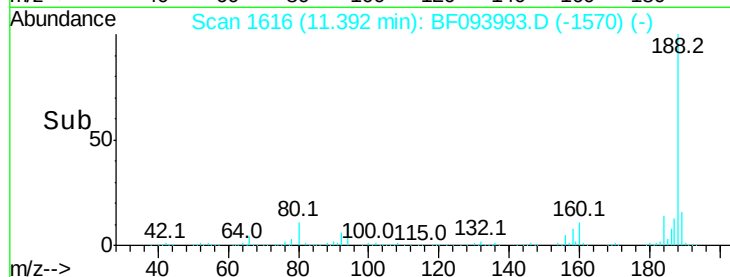
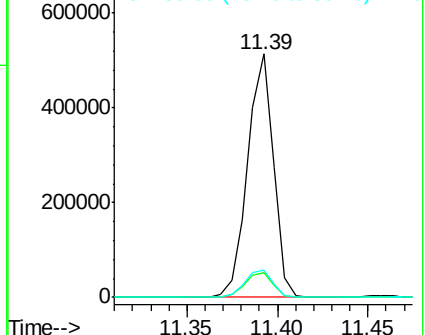
80 11.0 10.2 15.2



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: 14.64 min Scan# 2168

Delta R.T. -0.04 min

Lab File: BF093993.D

Acq: 28 Mar 2017 15:31

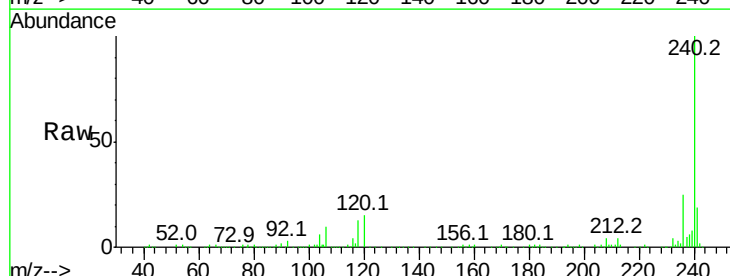
Tgt Ion:240 Resp: 475281

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

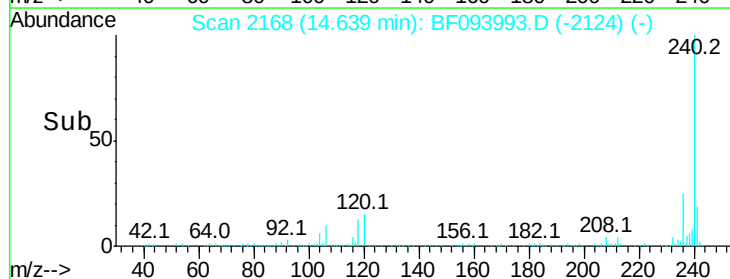
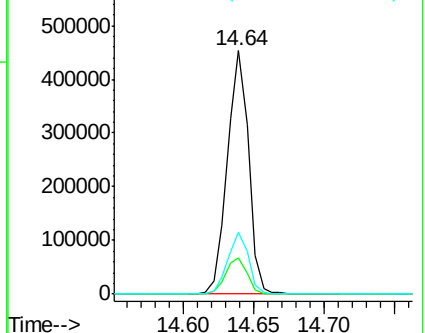
236 25.3 20.5 30.7

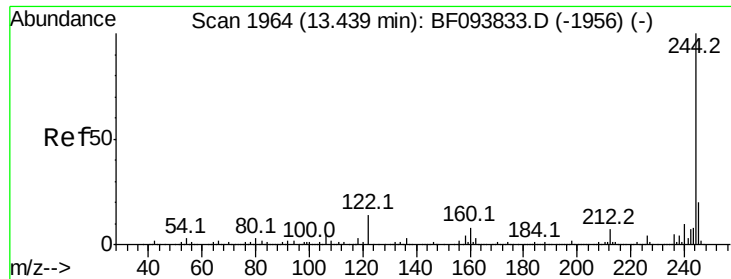


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.00 ng

RT: 13.37 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BF093993.D

Acq: 28 Mar 2017 15:31

Instrument :

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PB97829BL

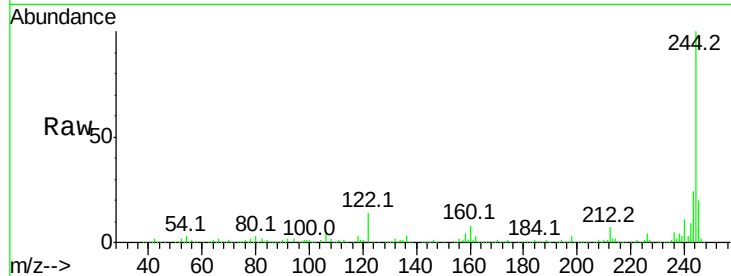
Tot Ion:244 Resp: 1441798

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

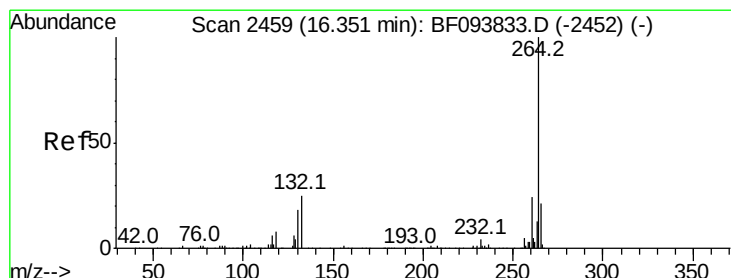
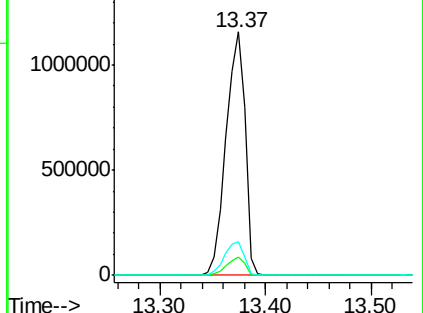
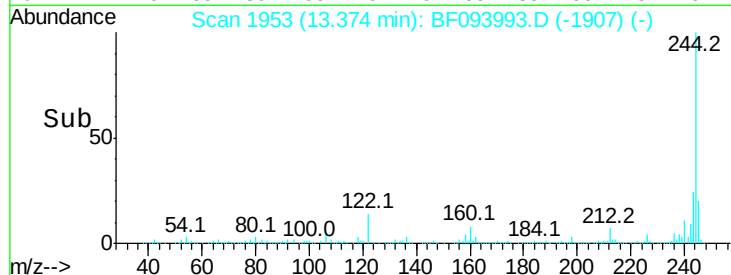
122 13.9 10.3 15.5



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: 16.27 min Scan# 2446

Delta R.T. -0.04 min

Lab File: BF093993.D

Acq: 28 Mar 2017 15:31

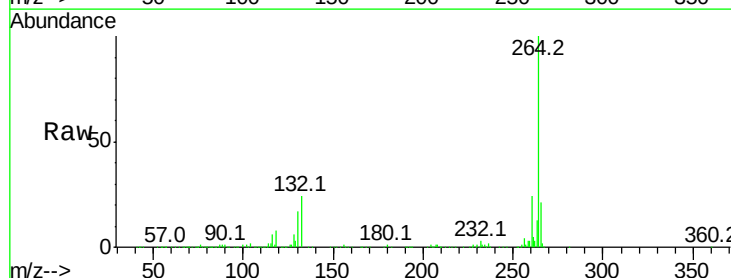
Tgt Ion:264 Resp: 402005

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.2 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

