

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093961.D
 Acq On : 28 Mar 2017 00:09
 Operator : SJ/MA
 Sample : I2409-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-24-17

Quant Time: Mar 28 01:10:58 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	165000	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	668686	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	315861	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	590776	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	500890	20.00	ng	-0.02
86) Perylene-d12	16.29	264	366296	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	707513	72.42	ng	0.00
7) Phenol-d6	5.53	99	581539	48.12	ng	-0.02
23) Nitrobenzene-d5	6.59	82	1051205	89.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	397565	159.28	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1885528	91.05	ng	-0.01
78) Terphenyl-d14	13.40	244	1754782	78.53	ng	0.00

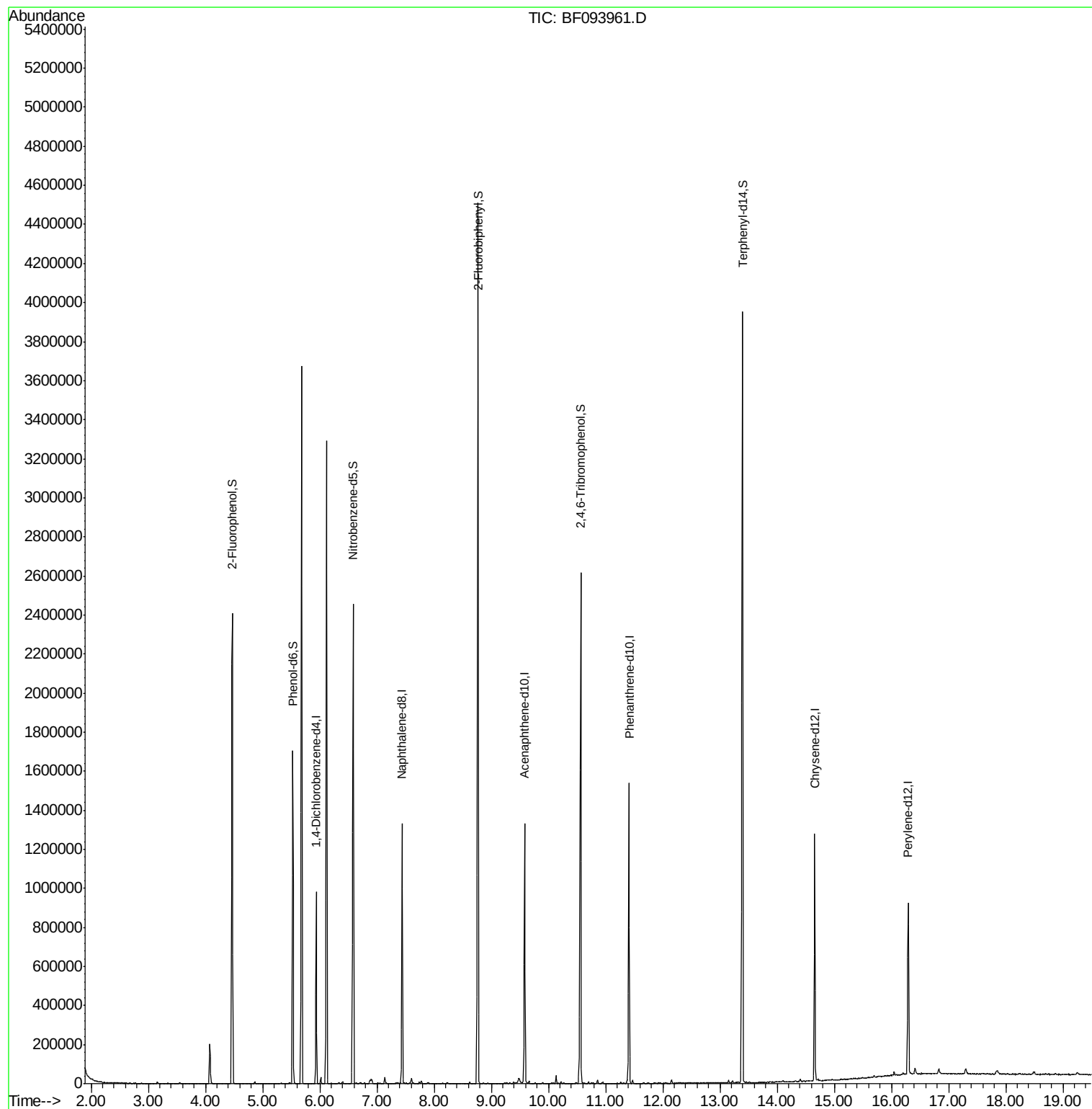
Target Compounds Qvalue

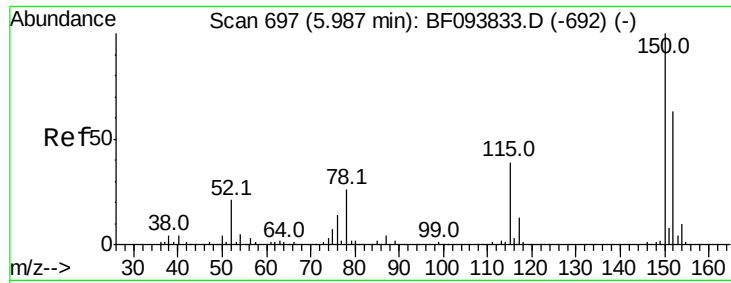
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.93 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF093961.D

Acq: 28 Mar 2017 00:09

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-24-17

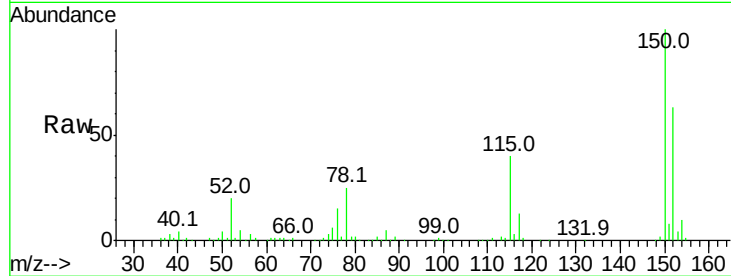
Tot Ion:152 Resp: 165000

Ion Ratio Lower Upper

152 100

150 159.9 126.2 189.2

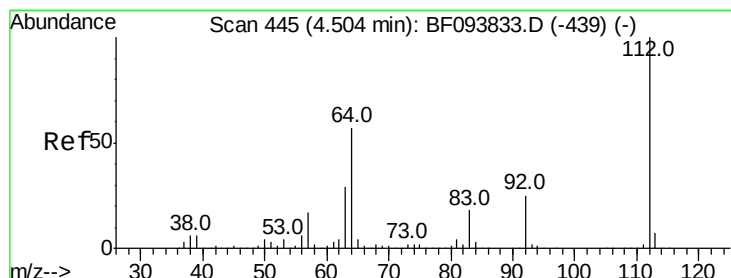
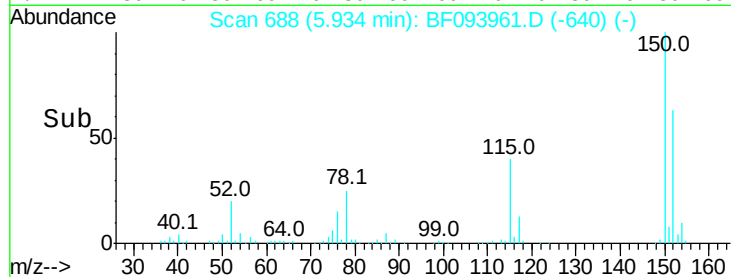
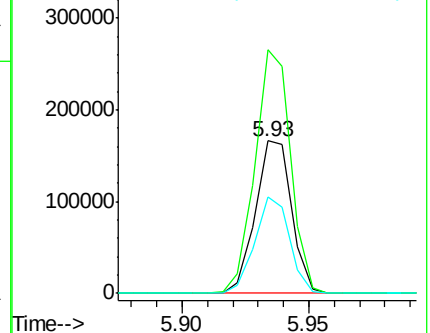
115 63.4 52.2 78.2



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: 72.42 ng

RT: 4.47 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093961.D

Acq: 28 Mar 2017 00:09

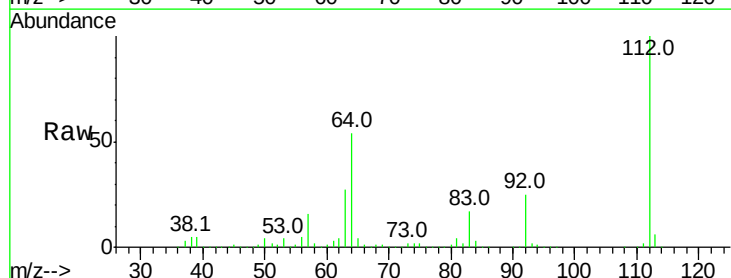
Tgt Ion:112 Resp: 707513

Ion Ratio Lower Upper

112 100

64 54.4 46.0 69.0

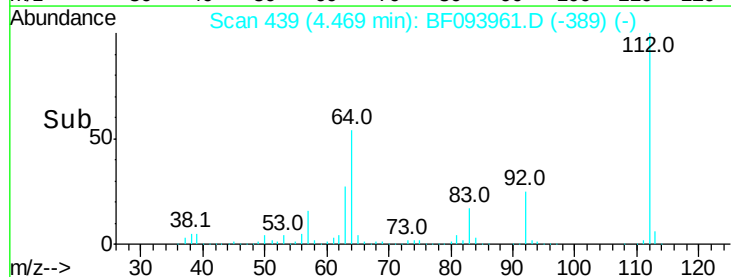
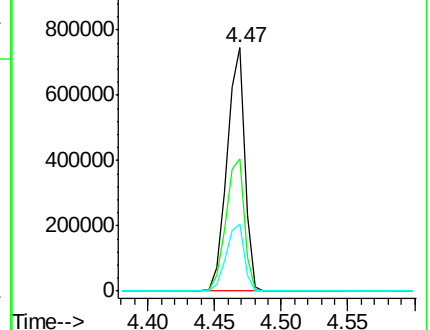
63 27.4 23.4 35.0

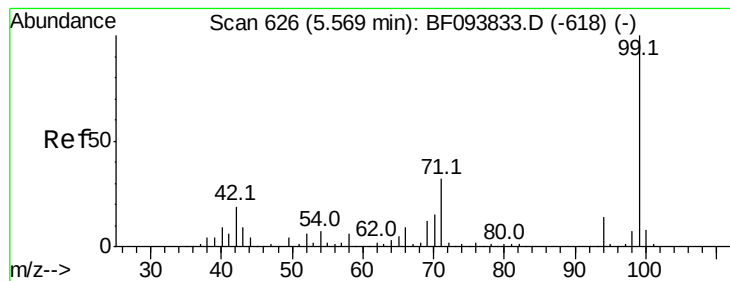


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.12 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF093961.D

Acq: 28 Mar 2017 00:09

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-24-17

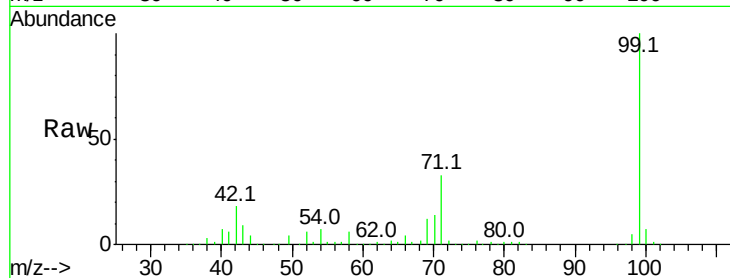
Tot Ion: 99 Resp: 581539

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

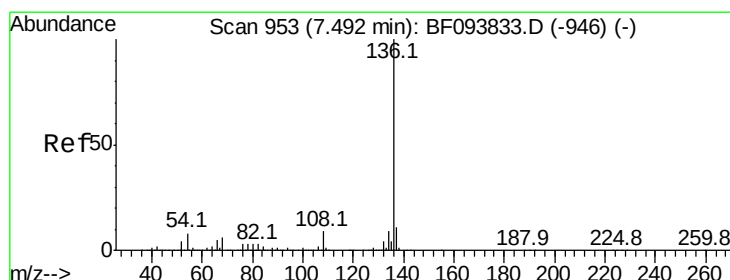
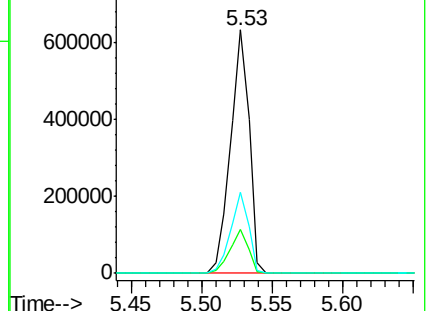
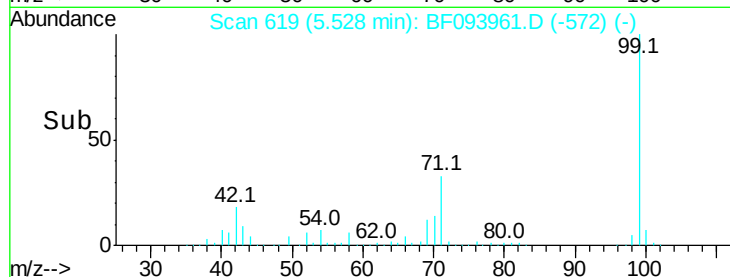
71 33.3 24.5 36.7



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: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093961.D

Acq: 28 Mar 2017 00:09

Tgt Ion: 136 Resp: 668686

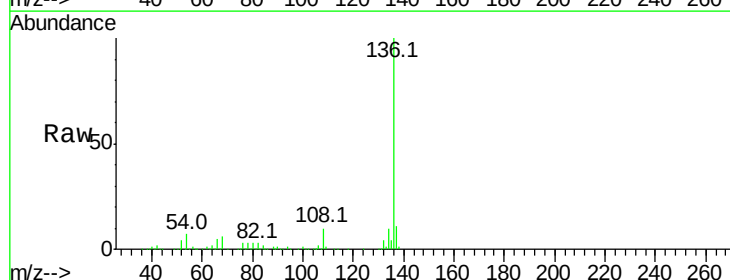
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 7.4 4.9 7.3#

68 5.9 4.1 6.1

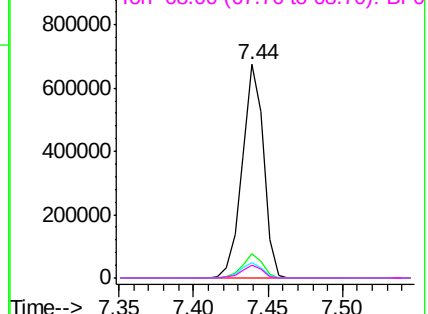
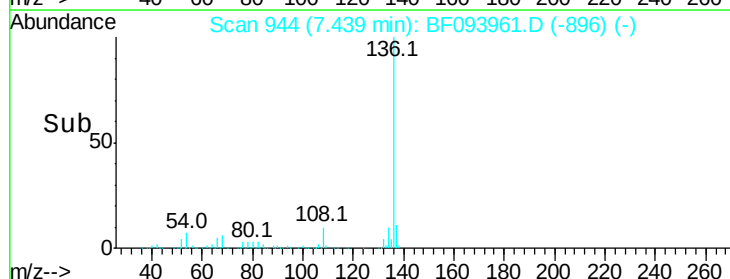


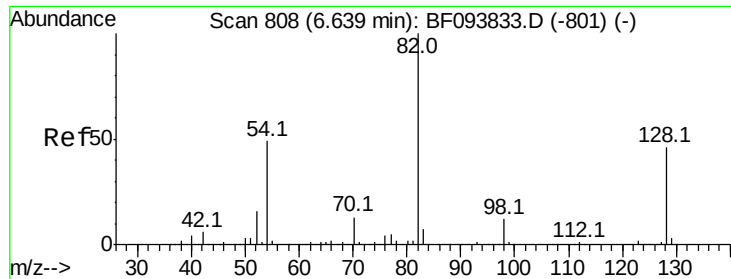
Abundance Ion 136.00 (135.70 to 136.70): E

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

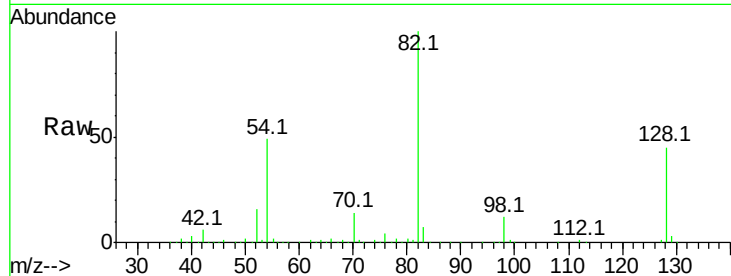




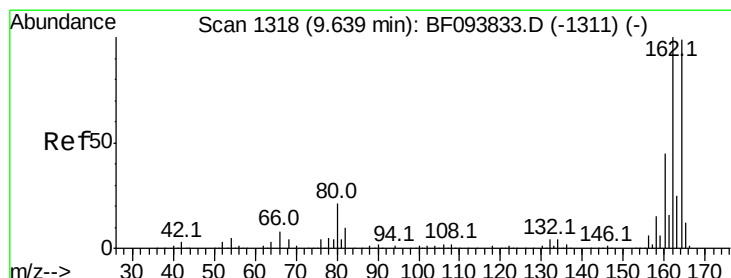
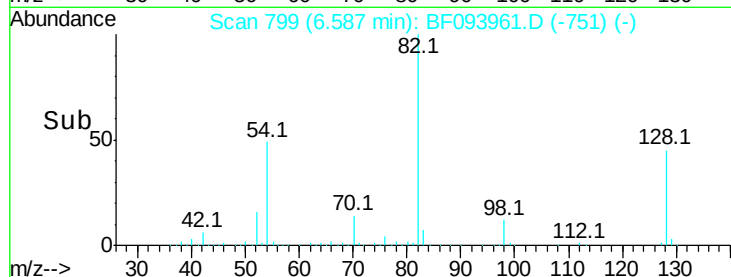
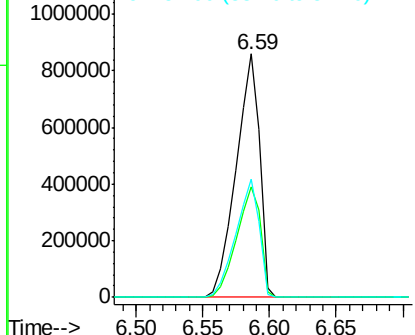
#23
Nitrobenzene-d5
Concen: 89.71 ng
RT: 6.59 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF093961.D
Acq: 28 Mar 2017 00:09

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-3-24-17

Tot Ion: 82 Resp: 1051205
Ion Ratio Lower Upper
82 100
128 45.4 34.0 51.0
54 48.8 42.2 63.2

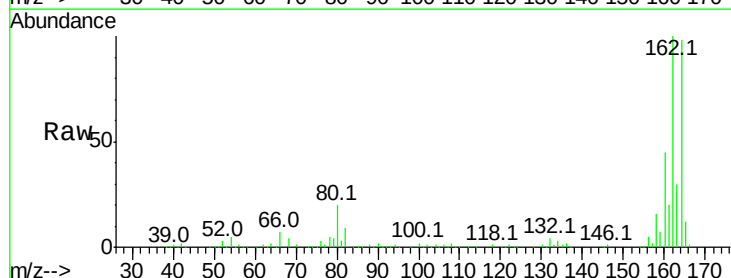


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

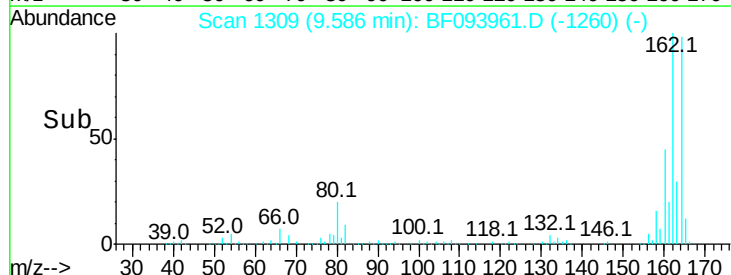
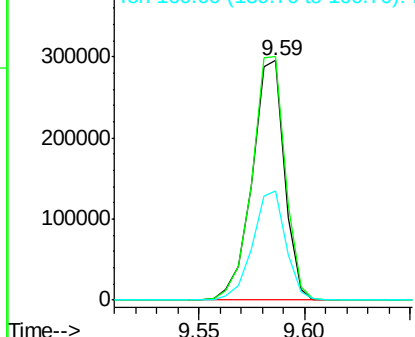


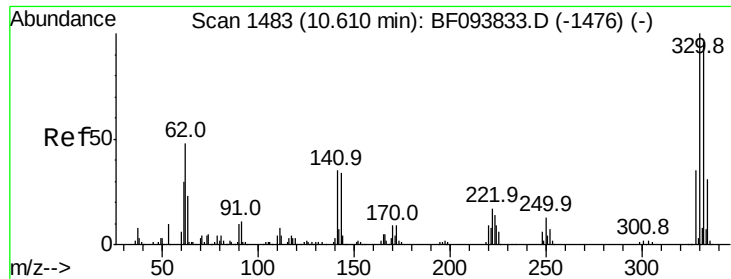
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF093961.D
Acq: 28 Mar 2017 00:09

Tgt Ion:164 Resp: 315861
Ion Ratio Lower Upper
164 100
162 101.7 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

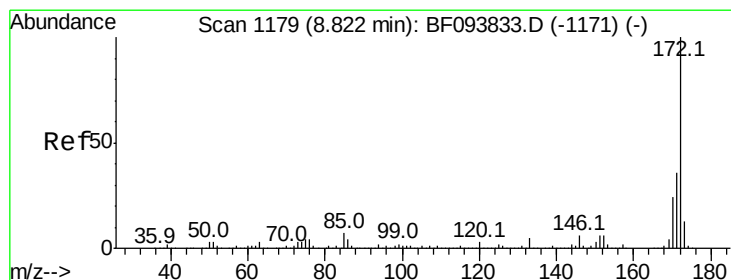
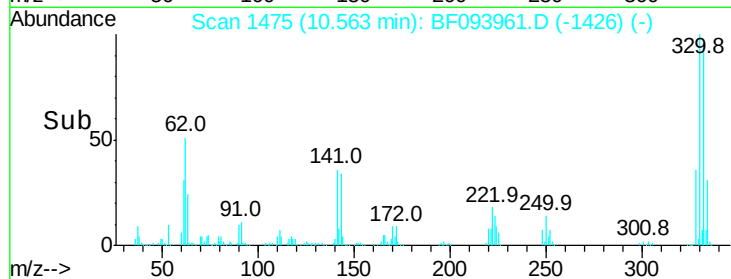
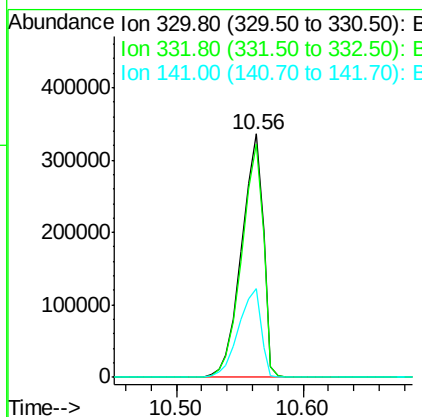
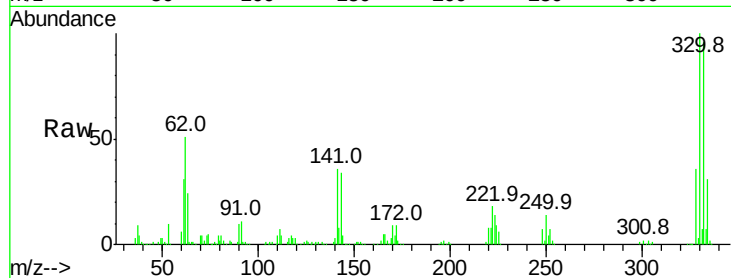




#41
 2,4,6-Tribromophenol
 Concen: 159.28 ng
 RT: 10.56 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF093961.D
 Acq: 28 Mar 2017 00:09

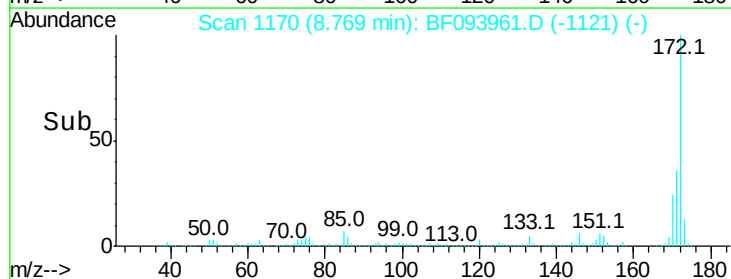
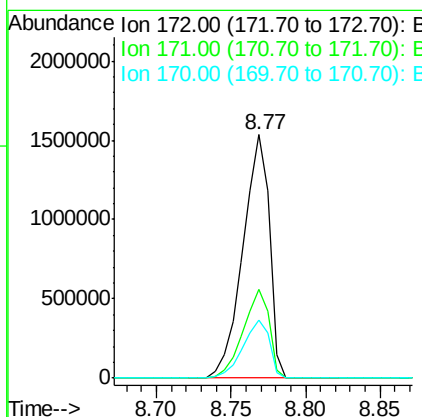
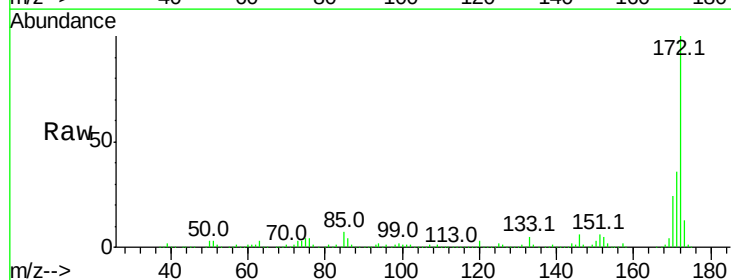
Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-24-17

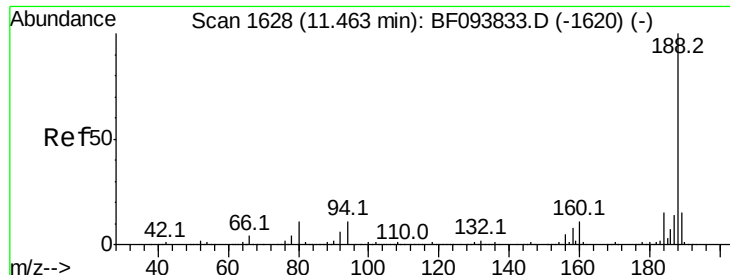
Tot Ion:330 Resp: 397565
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 37.7 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 91.05 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093961.D
 Acq: 28 Mar 2017 00:09

Tgt Ion:172 Resp: 1885528
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.0 19.8 29.8

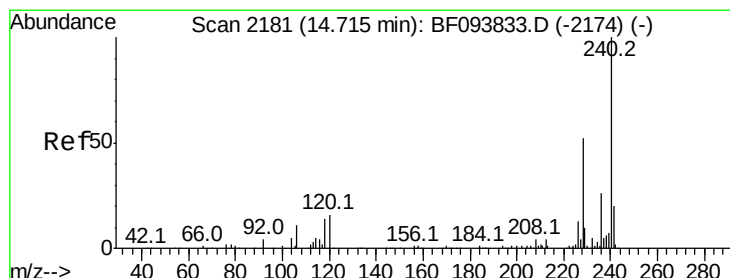
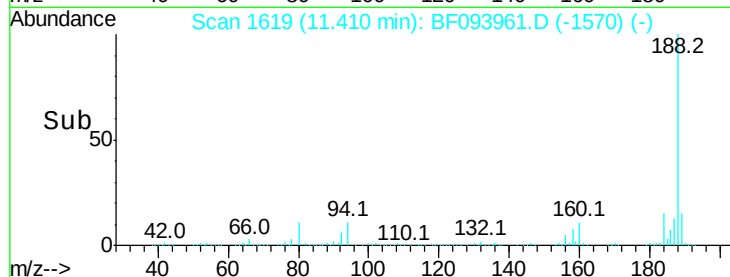
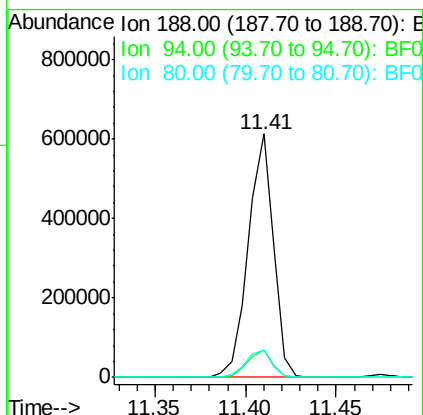
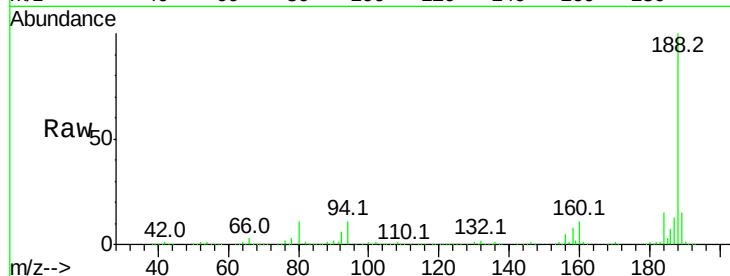




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF093961.D
Acq: 28 Mar 2017 00:09

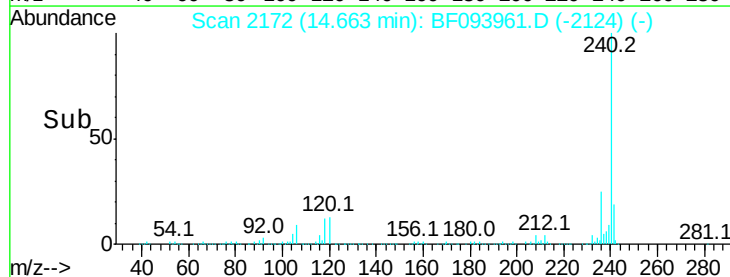
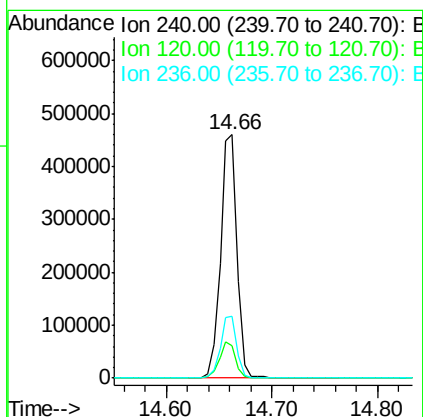
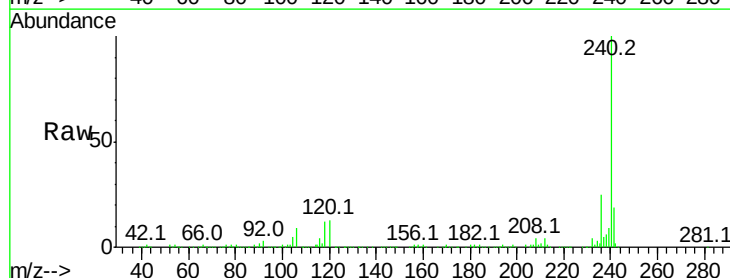
Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-3-24-17

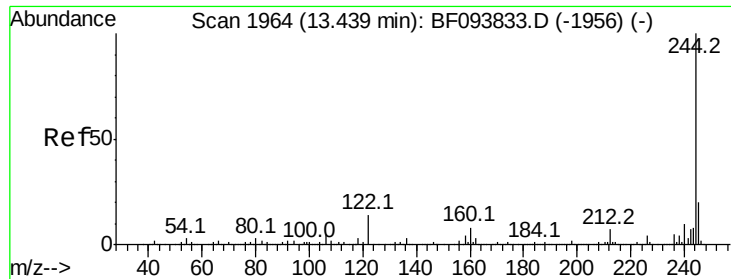
Tot Ion:188 Resp: 590776
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.66 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF093961.D
Acq: 28 Mar 2017 00:09

Tgt Ion:240 Resp: 500890
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 25.2 20.5 30.7





#78

Terphenyl-d14

Concen: 78.53 ng

RT: 13.40 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF093961.D

Acq: 28 Mar 2017 00:09

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-24-17

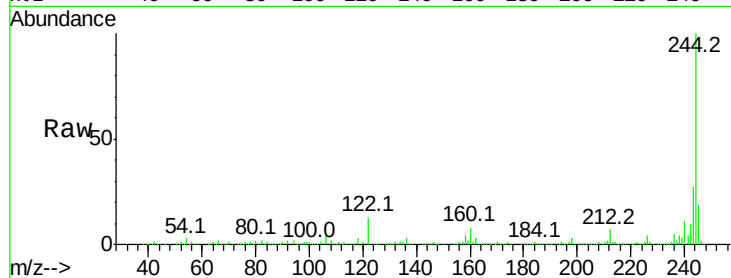
Tot Ion:244 Resp: 1754782

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

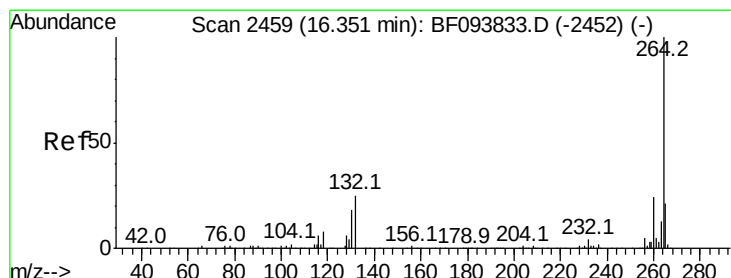
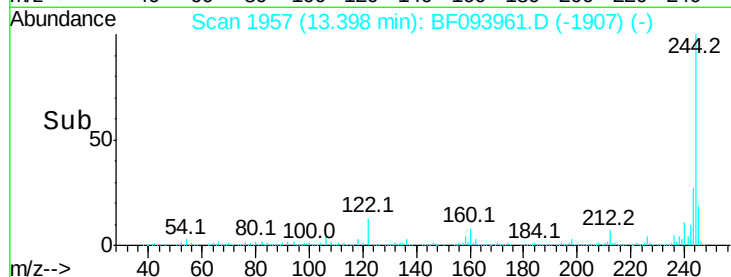
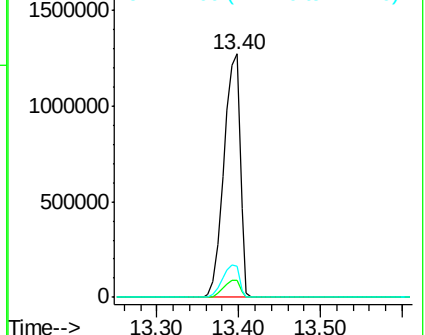
122 12.6 10.3 15.5



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: 16.29 min Scan# 2449

Delta R.T. -0.02 min

Lab File: BF093961.D

Acq: 28 Mar 2017 00:09

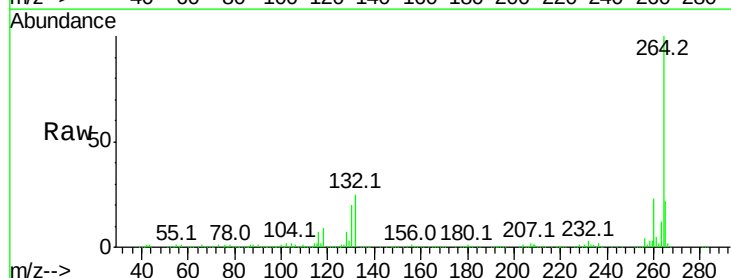
Tgt Ion:264 Resp: 366296

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.7 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

