

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093953.D
 Acq On : 27 Mar 2017 20:28
 Operator : SJ/MA
 Sample : I2378-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Mar 28 00:44:10 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	5.94	152	155913	20.00	ng	-0.01
21) Naphthalene-d8	7.44	136	633429	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	297220	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	553949	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	500071	20.00	ng	-0.02
86) Perylene-d12	16.30	264	418098	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	542072	58.72	ng	-0.01
7) Phenol-d6	5.52	99	404830	35.45	ng	-0.03
23) Nitrobenzene-d5	6.59	82	972408	87.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	355713	151.45	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1752868	89.95	ng	-0.01
78) Terphenyl-d14	13.39	244	1611763	72.24	ng	-0.01

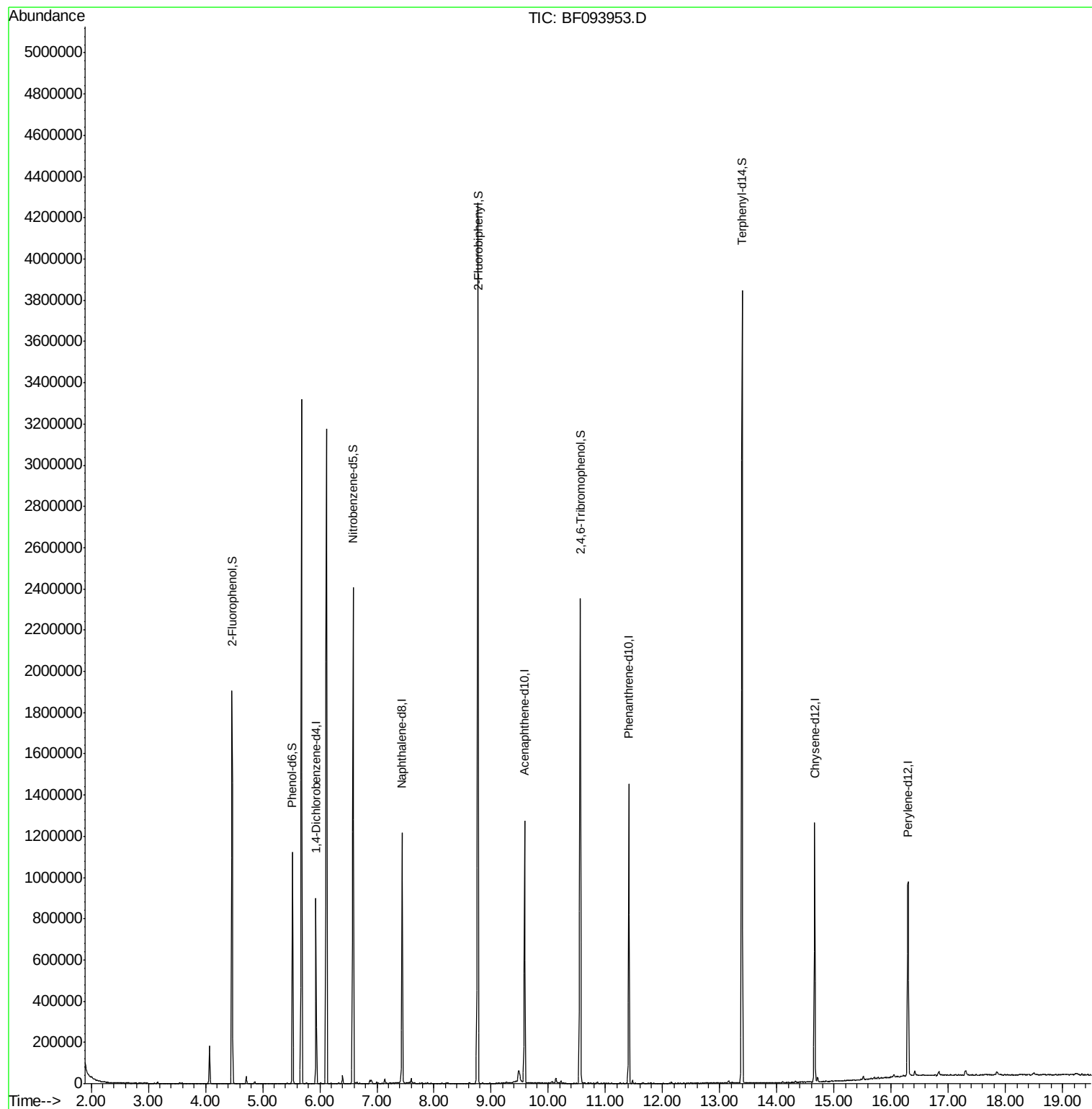
Target Compounds Qvalue

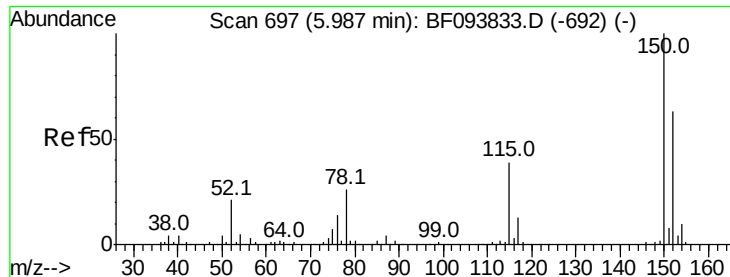
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 27 16:10:49 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.94 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093953.D

Acq: 27 Mar 2017 20:28

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

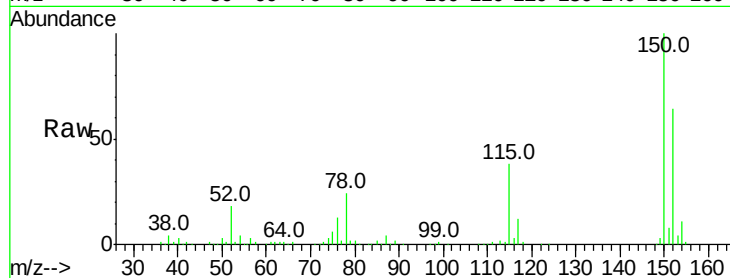
Tot Ion:152 Resp: 155913

Ion Ratio Lower Upper

152 100

150 157.0 126.2 189.2

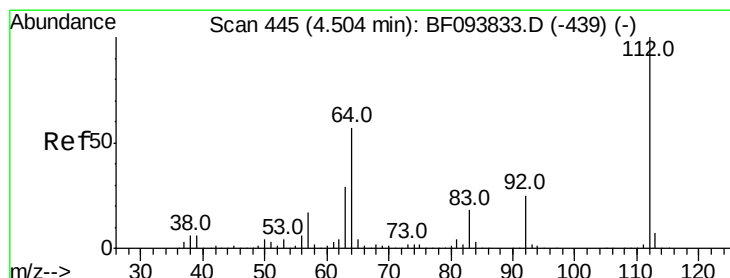
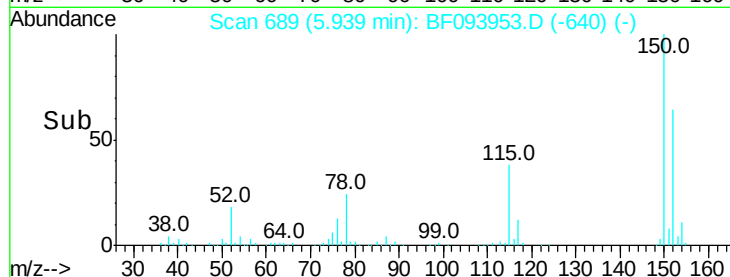
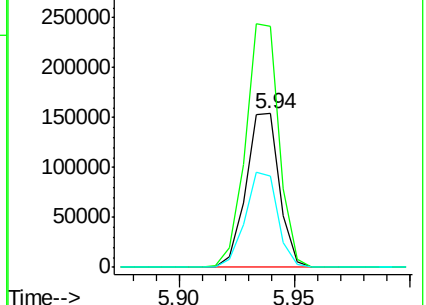
115 59.3 52.2 78.2



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: 58.72 ng

RT: 4.46 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF093953.D

Acq: 27 Mar 2017 20:28

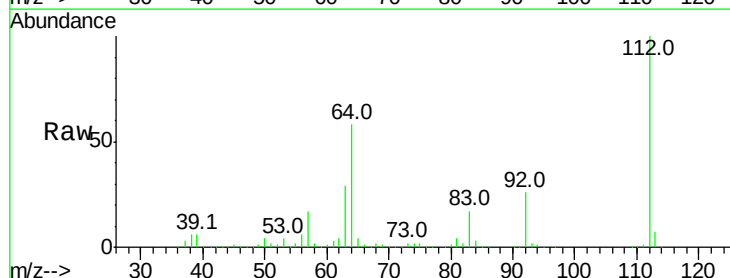
Tgt Ion:112 Resp: 542072

Ion Ratio Lower Upper

112 100

64 58.1 46.0 69.0

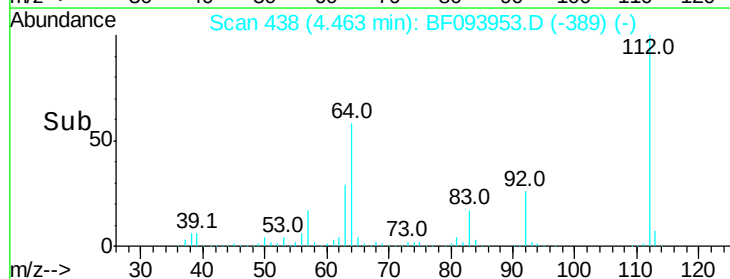
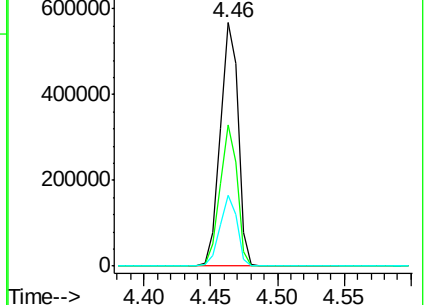
63 29.1 23.4 35.0

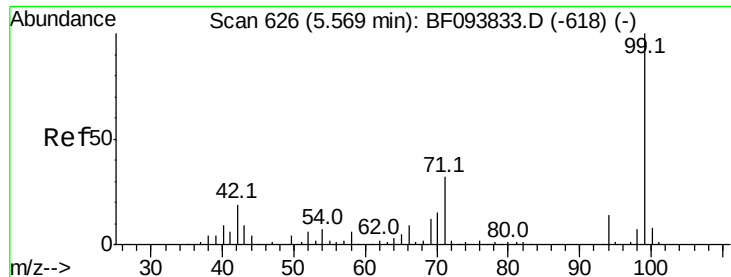


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.45 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF093953.D

Acq: 27 Mar 2017 20:28

Instrument :

BNA_F

ClientSampled :

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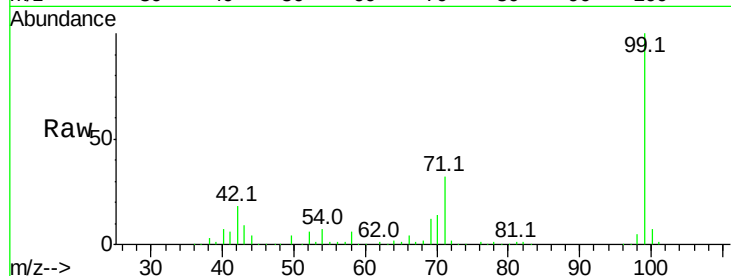
Tot Ion: 99 Resp: 404830

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

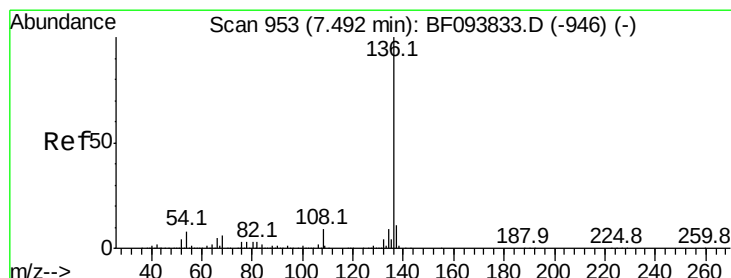
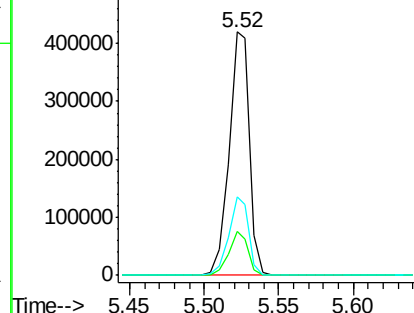
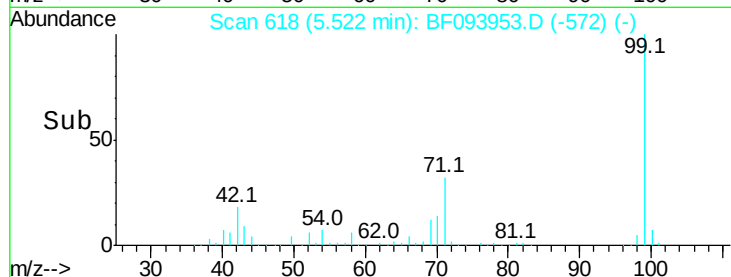
71 32.4 24.5 36.7



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: BF093953.D

Acq: 27 Mar 2017 20:28

Tgt Ion: 136 Resp: 633429

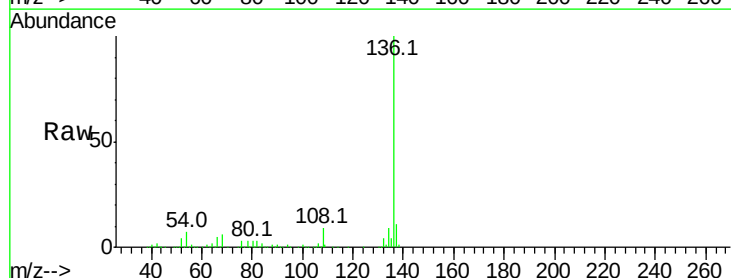
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.3 4.9 7.3#

68 6.1 4.1 6.1#

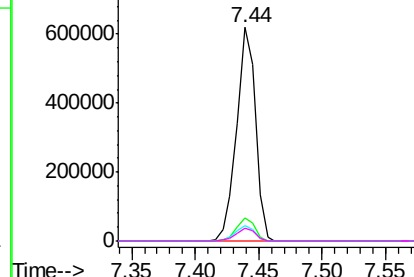
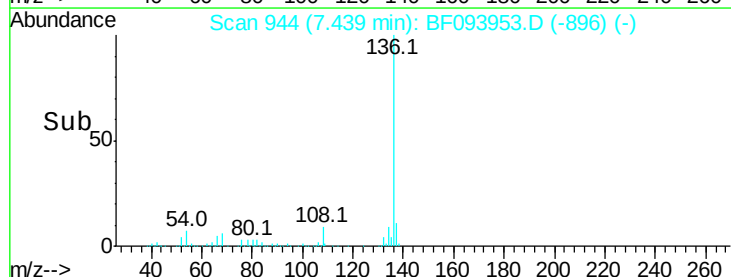


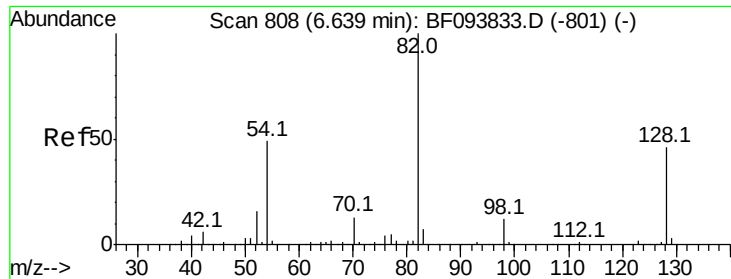
Abundance Ion 136.00 (135.70 to 136.70): E

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

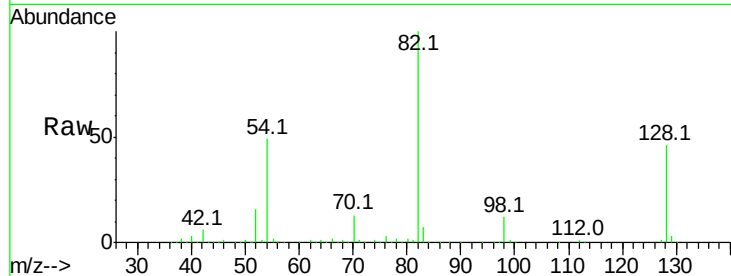




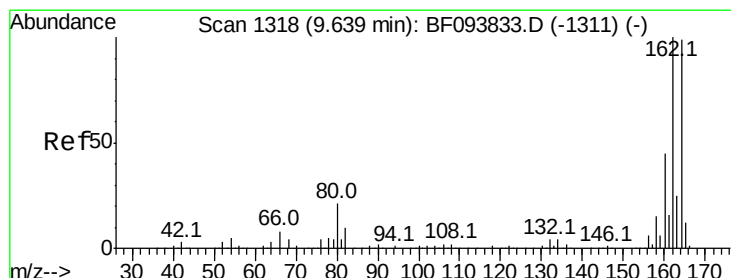
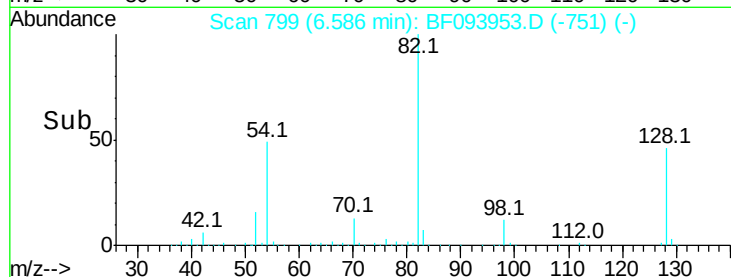
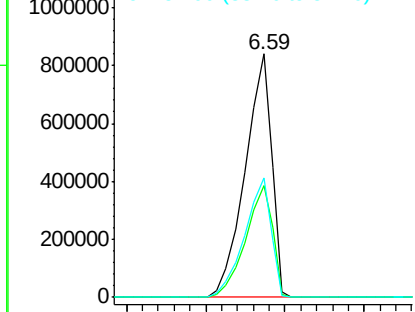
#23
Nitrobenzene-d5
Concen: 87.61 ng
RT: 6.59 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF093953.D
Acq: 27 Mar 2017 20:28

Instrument :
BNA_F
ClientSampled :
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Tot Ion: 82 Resp: 972408
Ion Ratio Lower Upper
82 100
128 46.0 34.0 51.0
54 49.0 42.2 63.2

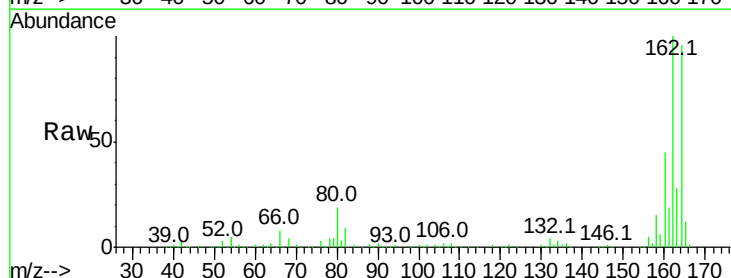


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

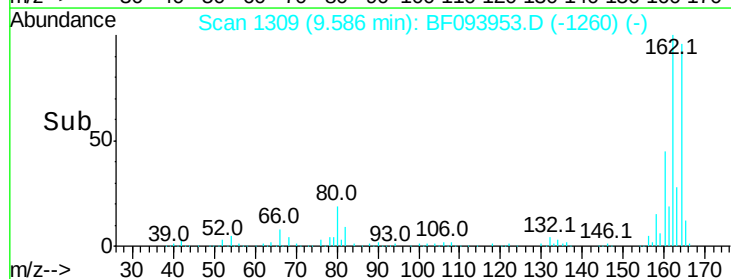
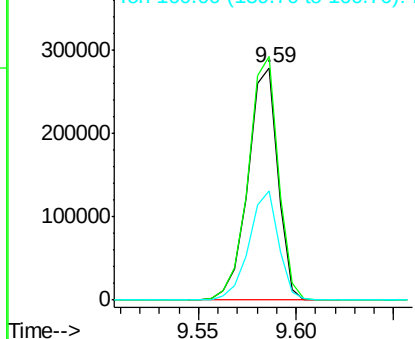


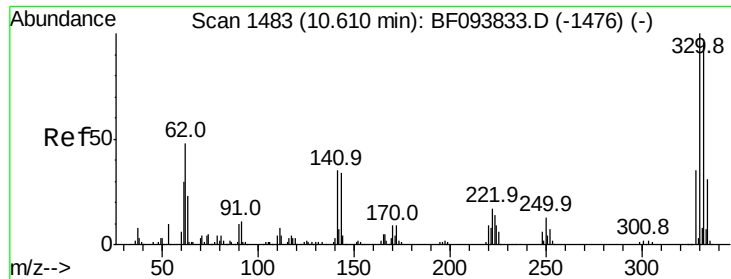
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF093953.D
Acq: 27 Mar 2017 20:28

Tgt Ion:164 Resp: 297220
Ion Ratio Lower Upper
164 100
162 104.6 82.6 123.8
160 46.9 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: 151.45 ng

RT: 10.56 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF093953.D

Acq: 27 Mar 2017 20:28

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

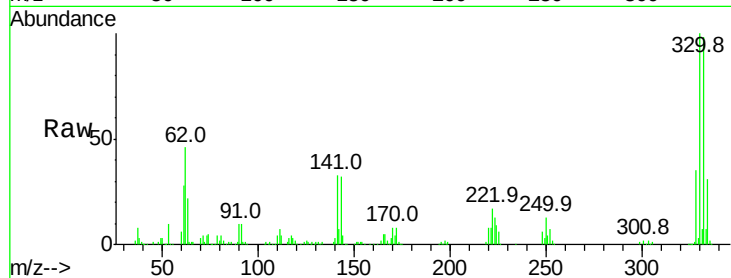
Tot Ion:330 Resp: 355713

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

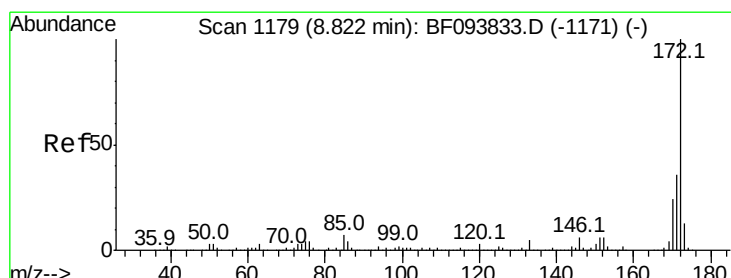
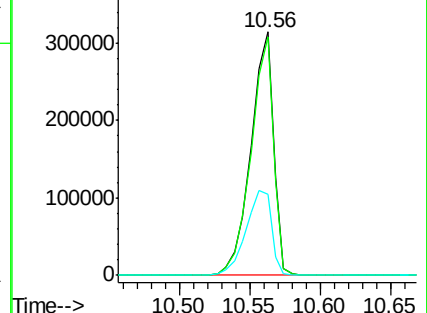
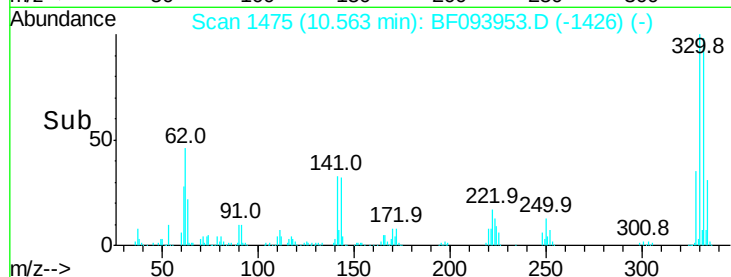
141 39.0 31.4 47.2



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: 89.95 ng

RT: 8.77 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF093953.D

Acq: 27 Mar 2017 20:28

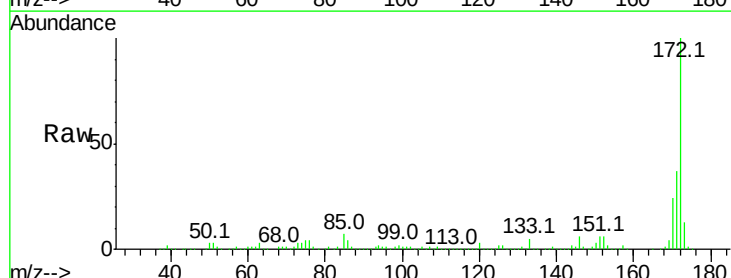
Tgt Ion:172 Resp: 1752868

Ion Ratio Lower Upper

172 100

171 36.7 29.6 44.4

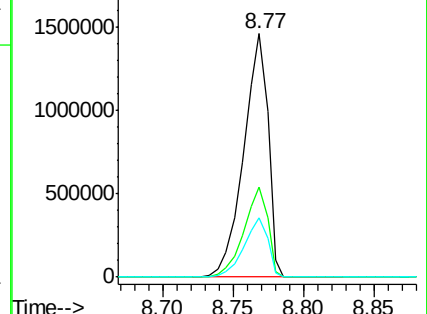
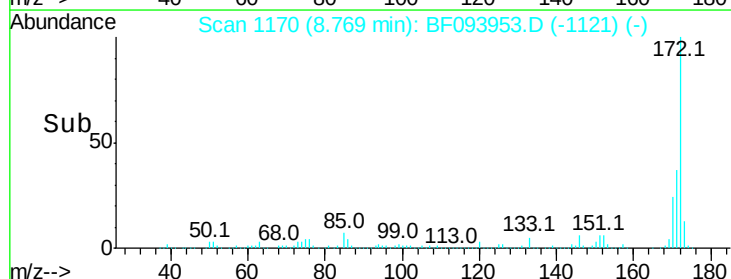
170 24.5 19.8 29.8

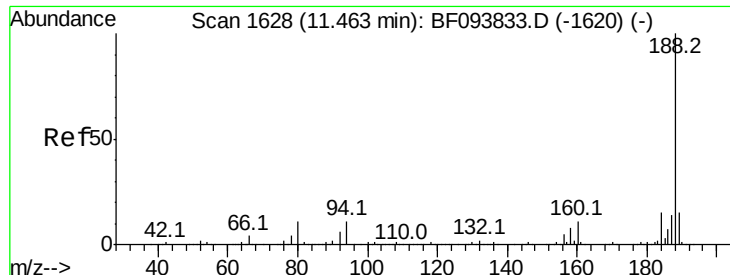


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

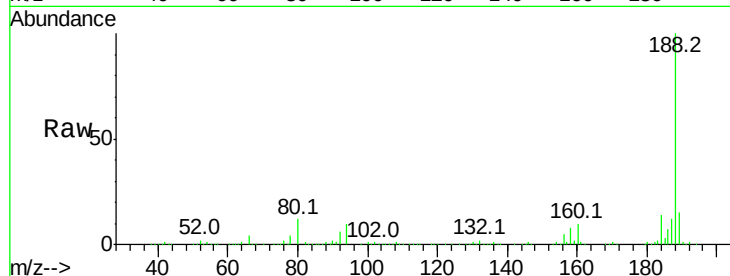




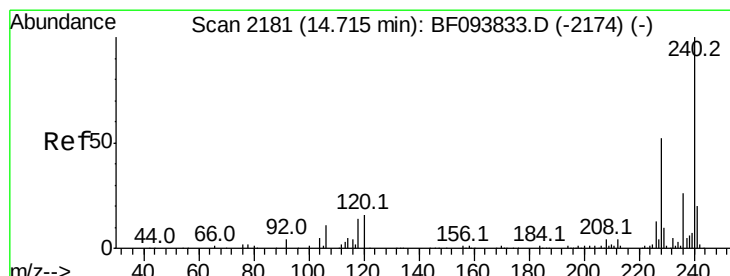
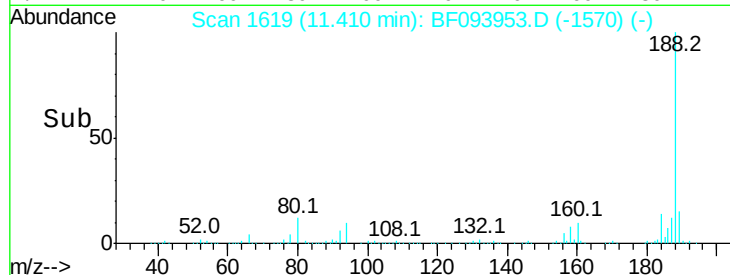
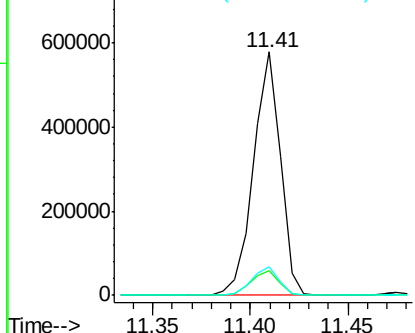
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF093953.D
 Acq: 27 Mar 2017 20:28

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.7	10.2	15.2

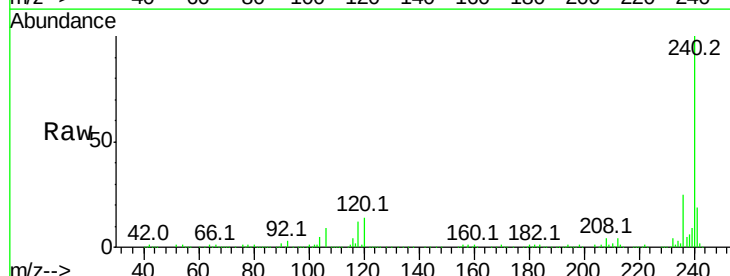


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

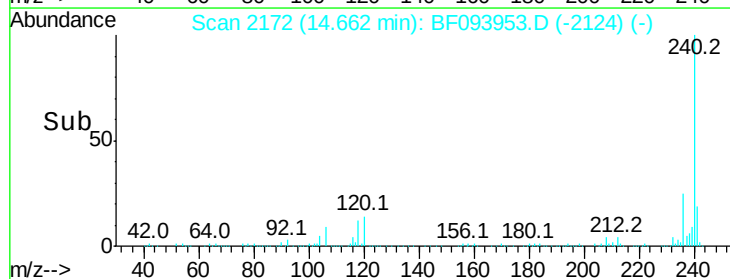
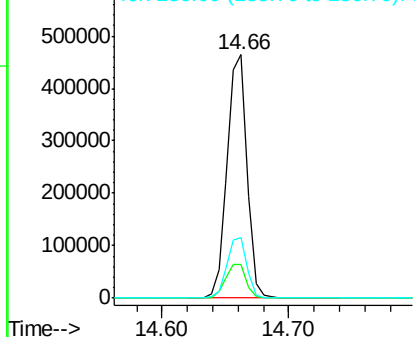


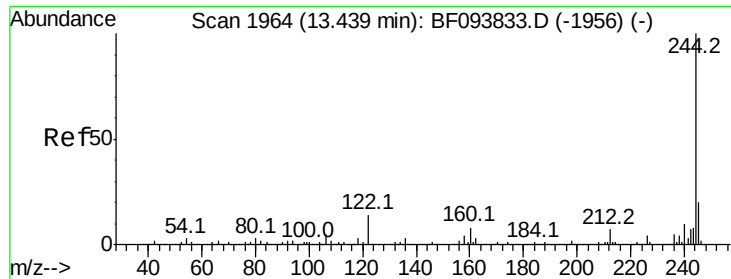
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2172
 Delta R.T. -0.02 min
 Lab File: BF093953.D
 Acq: 27 Mar 2017 20:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	25.0	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

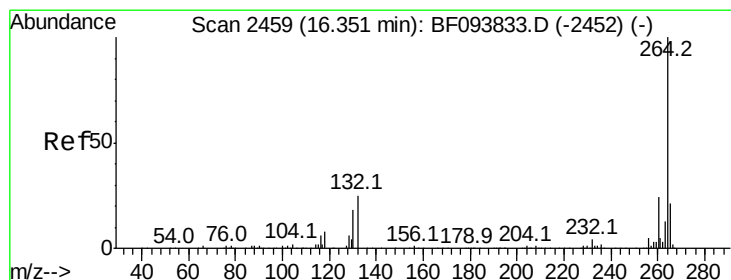
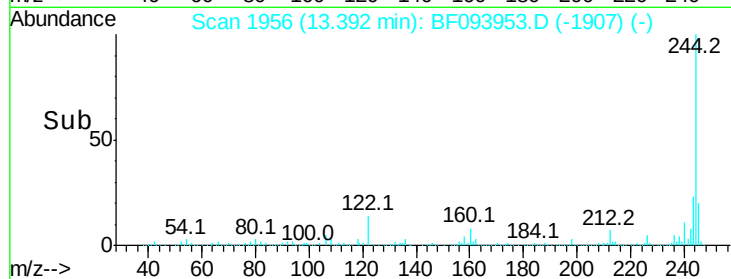
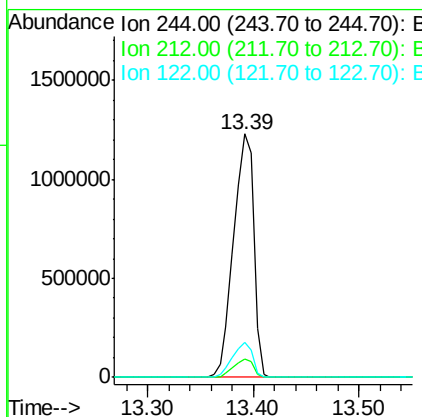
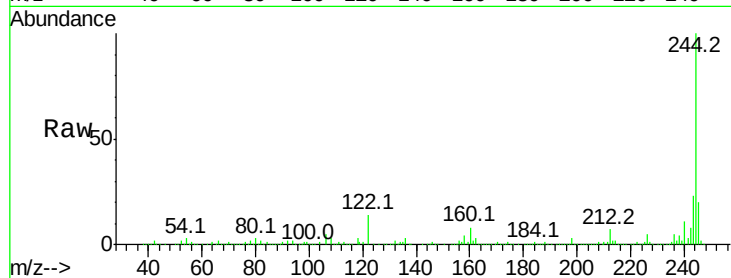




#78
 Terphenyl-d14
 Concen: 72.24 ng
 RT: 13.39 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BF093953.D
 Acq: 27 Mar 2017 20:28

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:244 Resp: 1611763
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 14.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.30 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BF093953.D
 Acq: 27 Mar 2017 20:28

Tgt Ion:264 Resp: 418098
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 20.9 17.2 25.8

