

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094370.D
 Acq On : 12 Apr 2017 00:27
 Operator : SJ/MA
 Sample : I2598-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-63-S2(8-10)

Quant Time: Apr 12 03:50:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

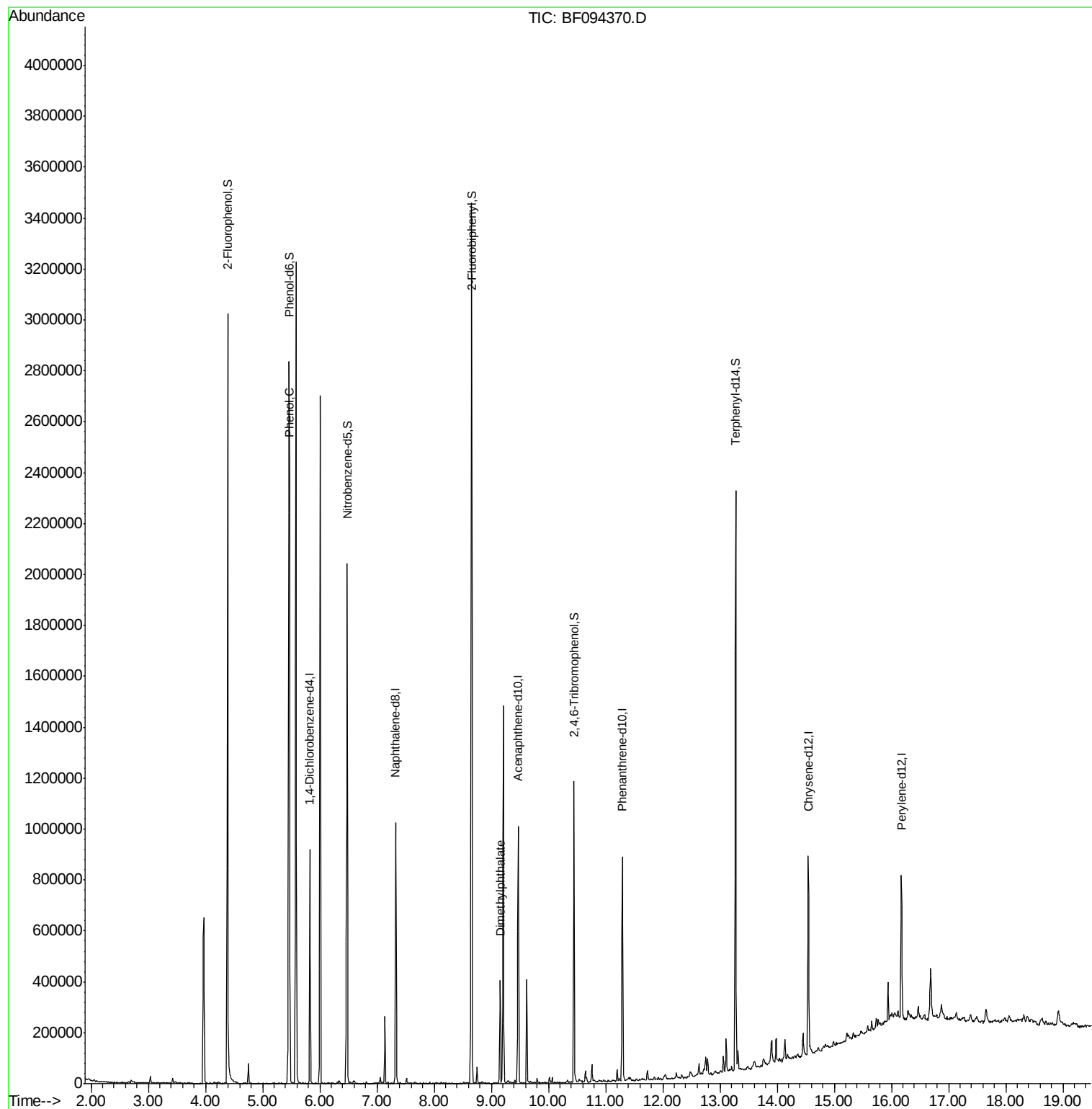
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	140264	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	536307	20.00	ng	-0.04
38) Acenaphthene-d10	9.47	164	218876	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	331327	20.00	ng	-0.03
75) Chrysene-d12	14.54	240	284830	20.00	ng	-0.03
86) Perylene-d12	16.17	264	220501	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	926554	111.57	ng	0.00
7) Phenol-d6	5.46	99	1275587	124.16	ng	0.00
23) Nitrobenzene-d5	6.48	82	785620	83.60	ng	-0.03
41) 2,4,6-Tribromophenol	10.45	330	139821	80.84	ng	-0.03
44) 2-Fluorobiphenyl	8.66	172	1271232	88.59	ng	-0.03
78) Terphenyl-d14	13.27	244	798823	62.86	ng	-0.02
Target Compounds						
10) Phenol	5.47	94	67297	5.76	ng	91
49) Dimethylphthalate	9.16	163	183371	11.79	ng	98

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

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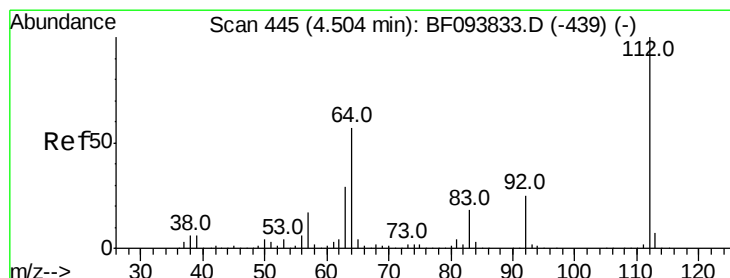
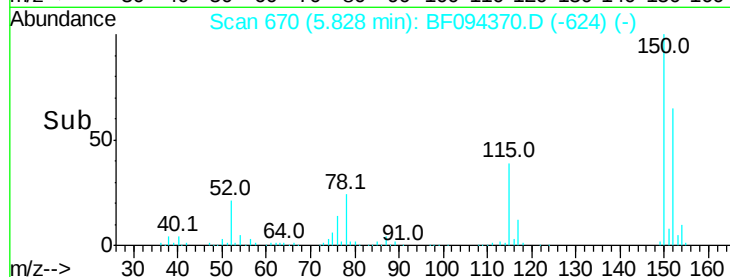
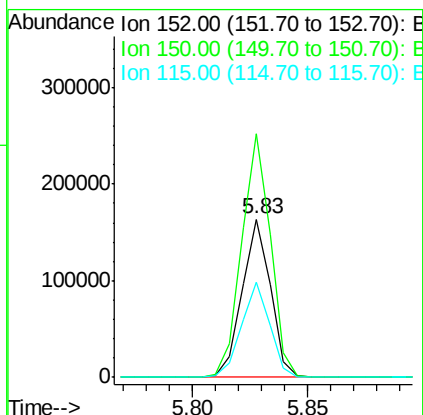
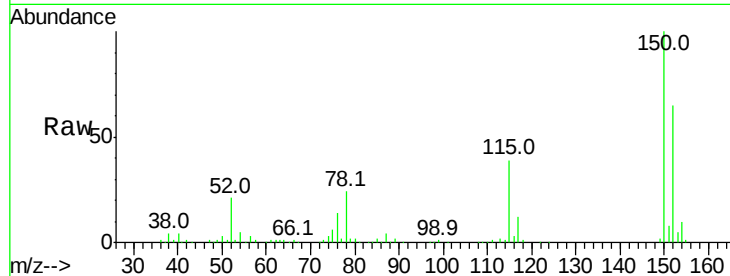


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.83 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF094370.D
Acq: 12 Apr 2017 00:27

Instrument :
BNA_F
ClientSampleId :
B-63-S2(8-10)

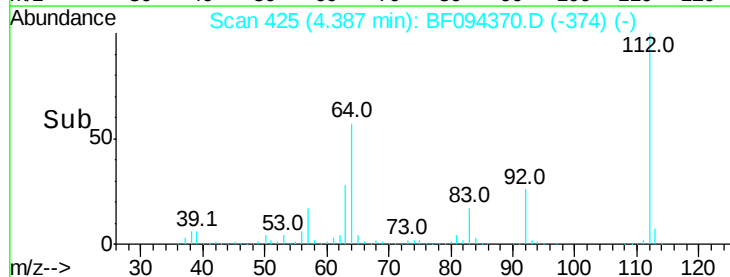
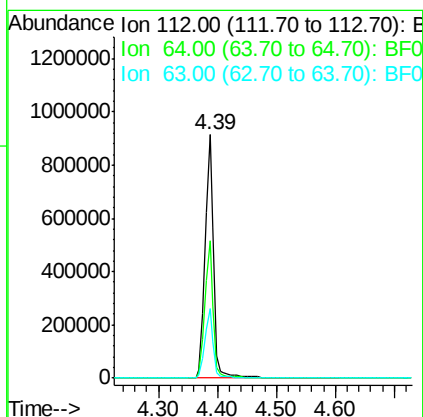
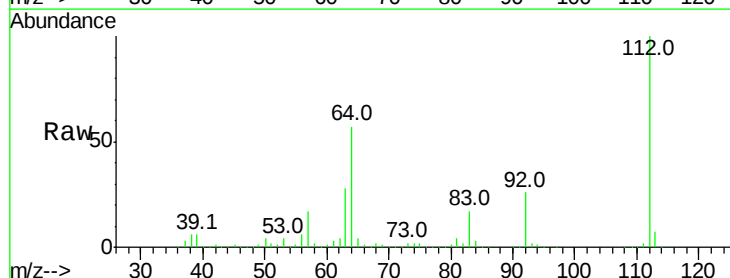
Tot Ion:152 Resp: 140264
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.2
115 60.6 52.2 78.2

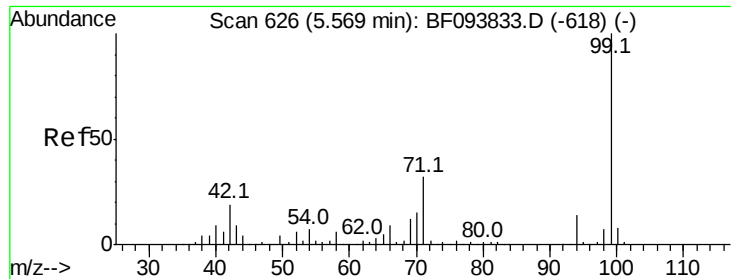


#5

2-Fluorophenol
Concen: 111.57 ng
RT: 4.39 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF094370.D
Acq: 12 Apr 2017 00:27

Tgt Ion:112 Resp: 926554
Ion Ratio Lower Upper
112 100
64 56.5 46.0 69.0
63 28.5 23.4 35.0





#7

Phenol-d6

Concen: 124.16 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094370.D

Acq: 12 Apr 2017 00:27

Instrument :

BNA_F

ClientSampleId :

B-63-S2(8-10)

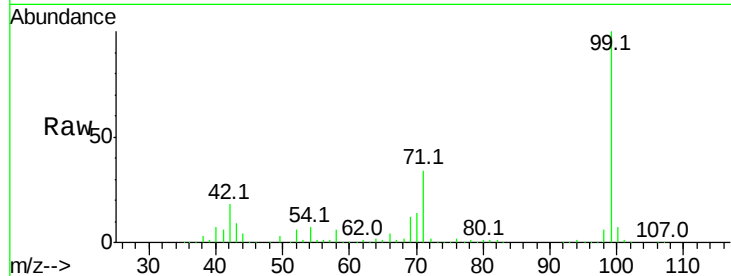
Tot Ion: 99 Resp: 1275587

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

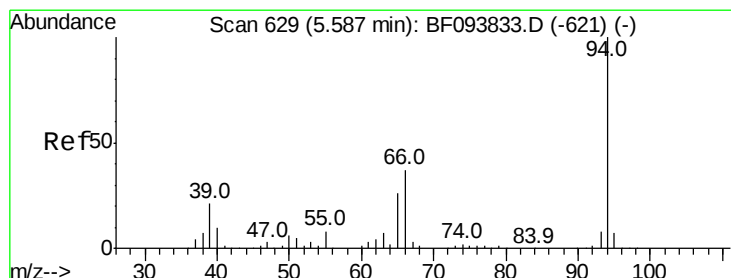
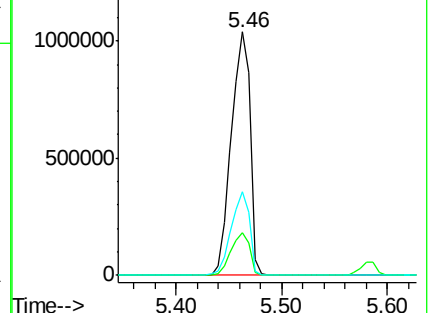
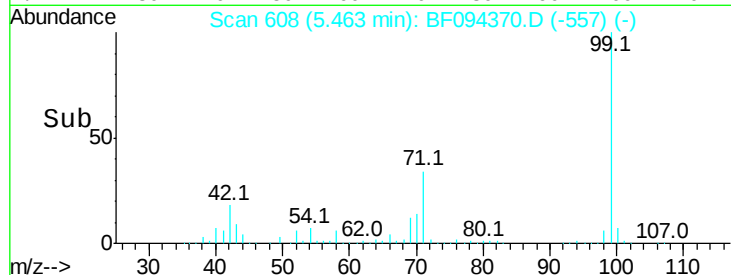
71 34.1 24.5 36.7



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



#10

Phenol

Concen: 5.76 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF094370.D

Acq: 12 Apr 2017 00:27

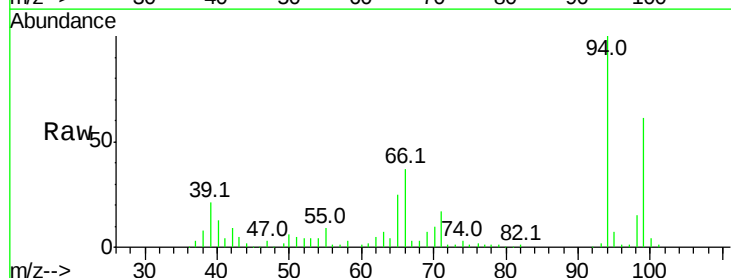
Tgt Ion: 94 Resp: 67297

Ion Ratio Lower Upper

94 100

65 25.3 9.9 49.9

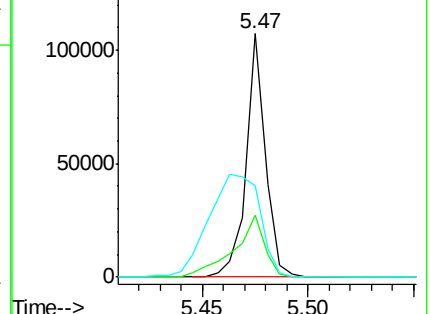
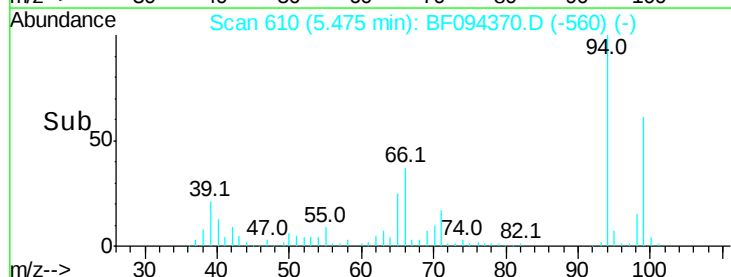
66 37.5 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.33 min Scan# 925

Delta R.T. -0.04 min

Lab File: BF094370.D

Acq: 12 Apr 2017 00:27

Instrument :

BNA_F

ClientSampleId :

B-63-S2(8-10)

Tot Ion:136 Resp: 536307

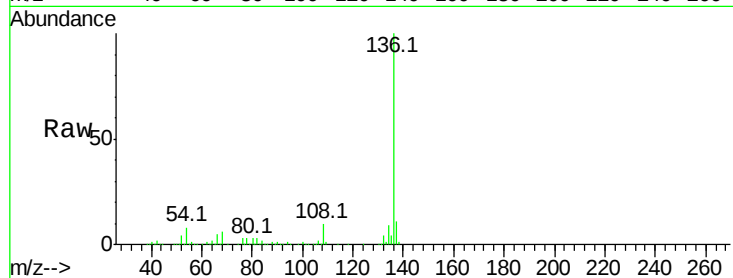
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.8 4.9 7.3#

68 5.7 4.1 6.1

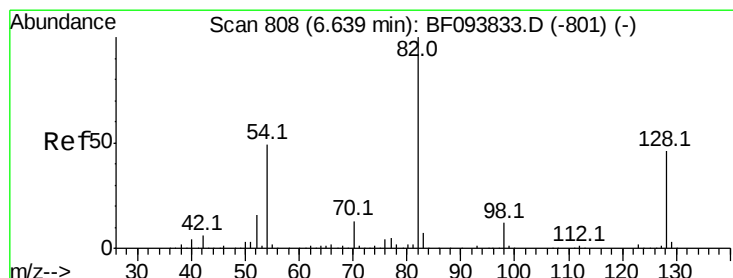
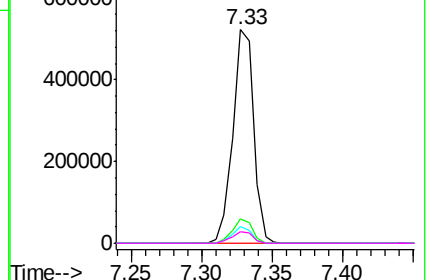
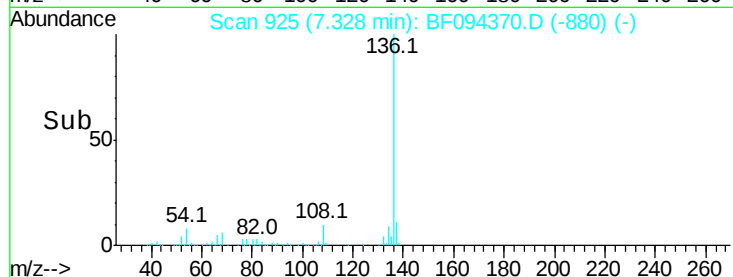


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.60 ng

RT: 6.48 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF094370.D

Acq: 12 Apr 2017 00:27

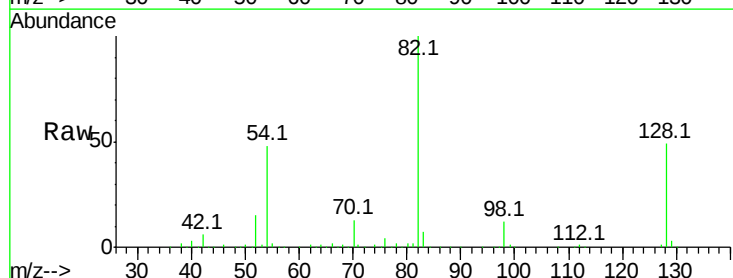
Tgt Ion: 82 Resp: 785620

Ion Ratio Lower Upper

82 100

128 48.7 34.0 51.0

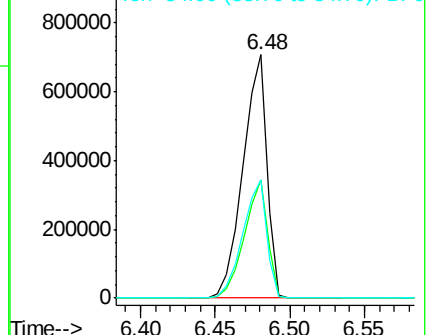
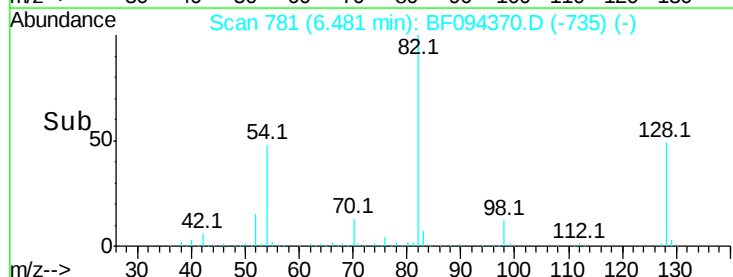
54 48.3 42.2 63.2



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

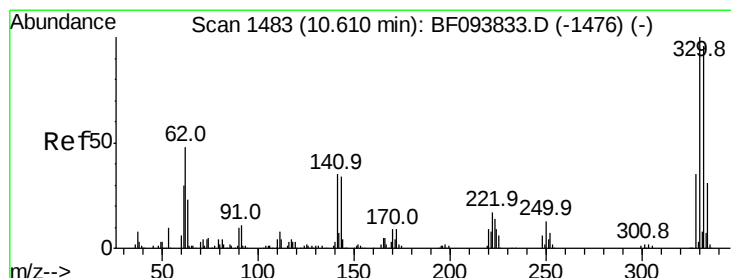
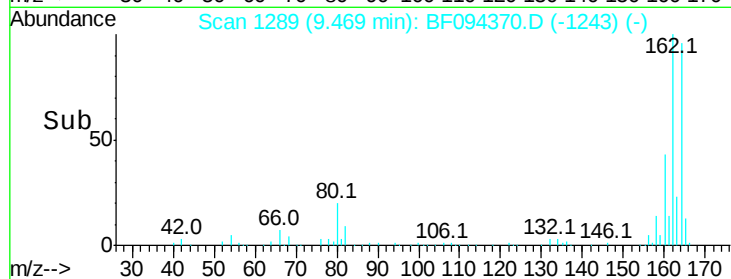
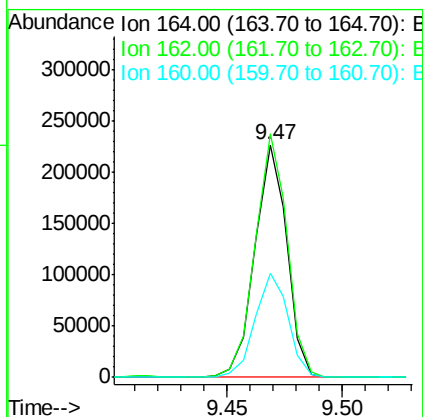
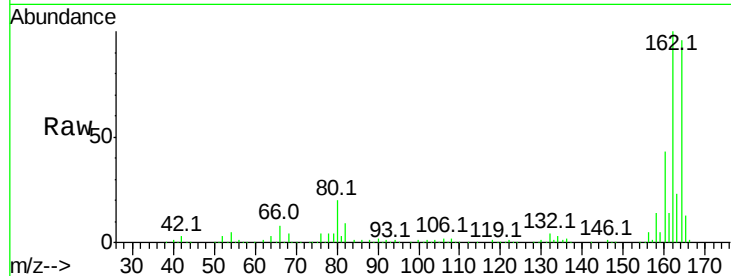




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.03 min
Lab File: BF094370.D
Acq: 12 Apr 2017 00:27

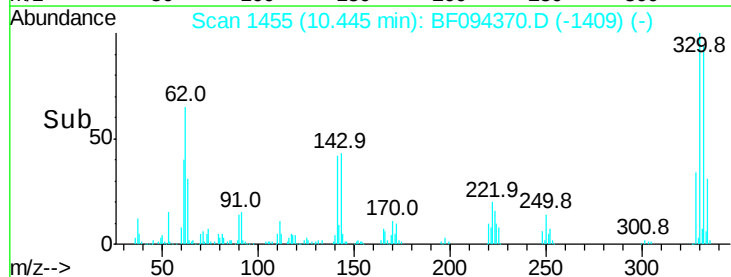
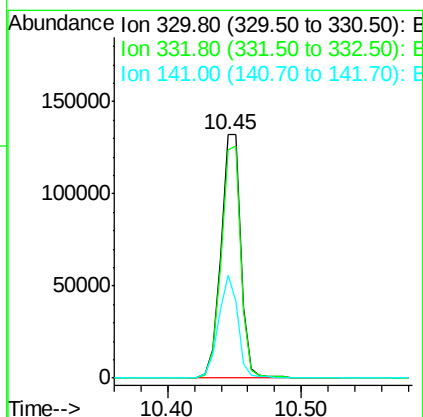
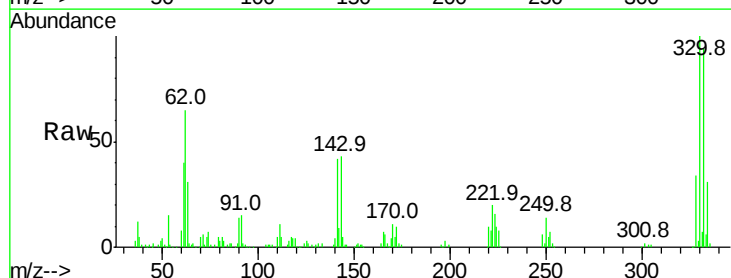
Instrument :
BNA_F
ClientSampleId :
B-63-S2(8-10)

Tot Ion:164 Resp: 218876
Ion Ratio Lower Upper
164 100
162 104.6 82.6 123.8
160 44.9 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 80.84 ng
RT: 10.45 min Scan# 1455
Delta R.T. -0.03 min
Lab File: BF094370.D
Acq: 12 Apr 2017 00:27

Tgt Ion:330 Resp: 139821
Ion Ratio Lower Upper
330 100
332 94.1 76.6 115.0
141 40.9 31.4 47.2

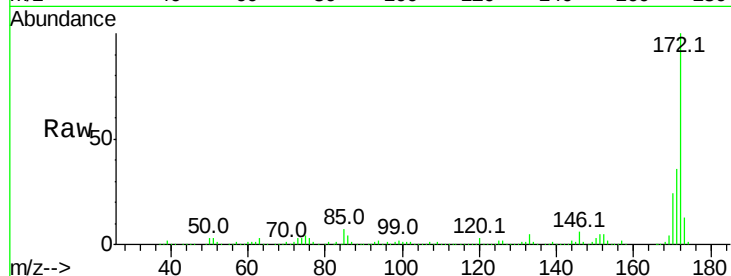




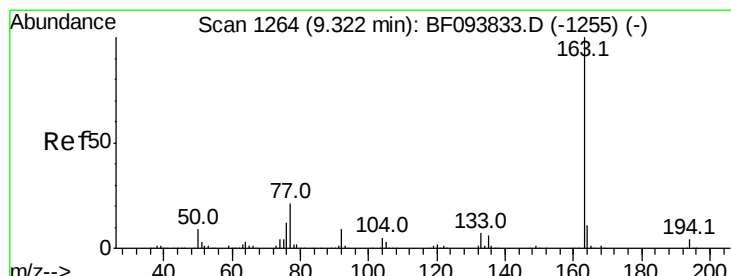
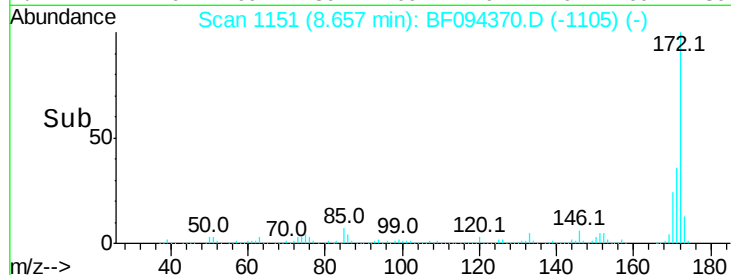
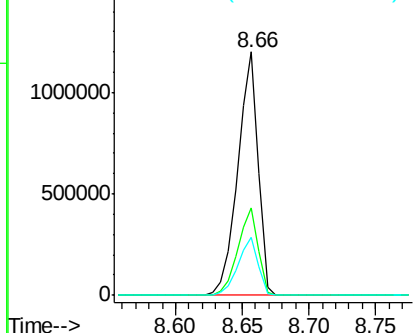
#44
2-Fluorobiphenyl
Concen: 88.59 ng
RT: 8.66 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF094370.D
Acq: 12 Apr 2017 00:27

Instrument :
BNA_F
ClientSampleId :
B-63-S2(8-10)

Tot Ion:172 Resp: 1271232
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.8 19.8 29.8

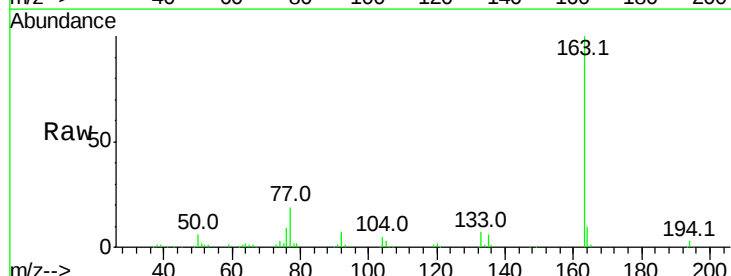


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

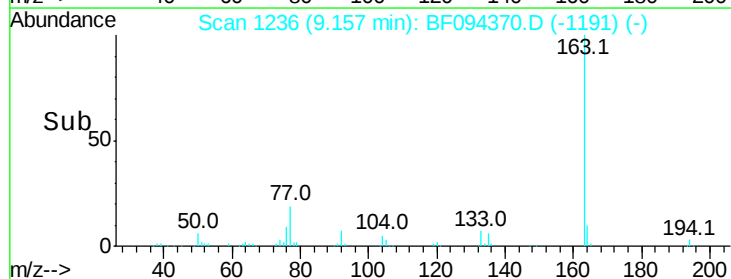
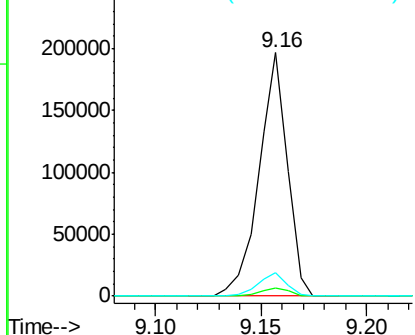


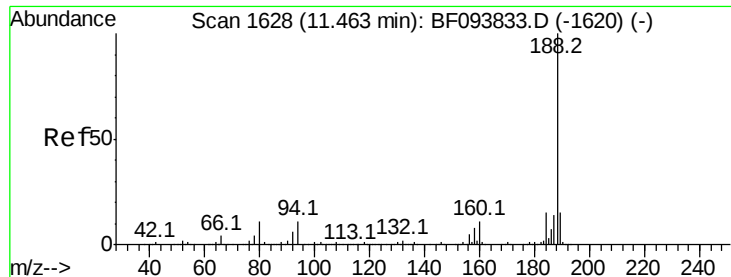
#49
Dimethylphthalate
Concen: 11.79 ng
RT: 9.16 min Scan# 1236
Delta R.T. -0.04 min
Lab File: BF094370.D
Acq: 12 Apr 2017 00:27

Tgt Ion:163 Resp: 183371
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

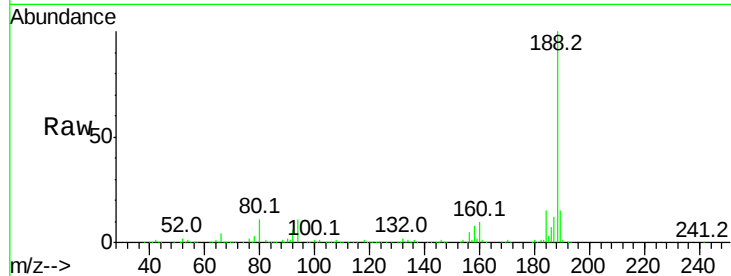




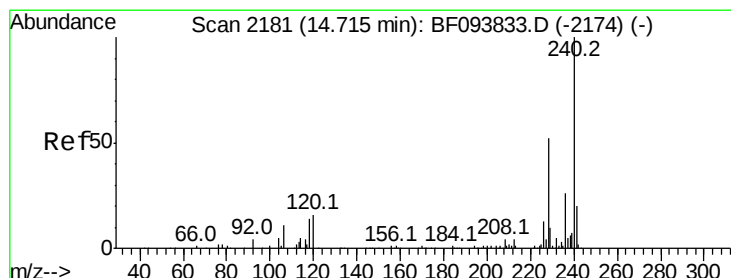
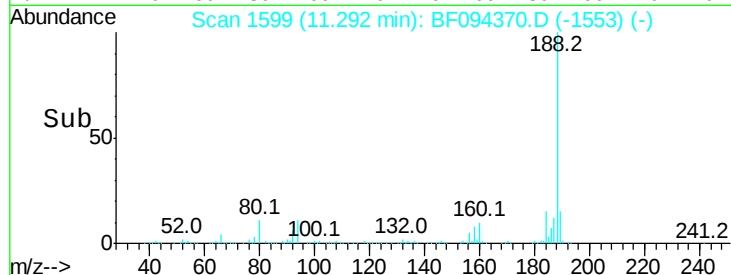
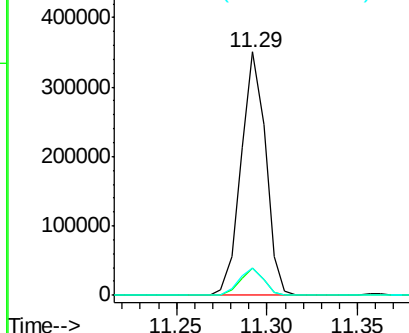
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1599
Delta R.T. -0.03 min
Lab File: BF094370.D
Acq: 12 Apr 2017 00:27

Instrument :
BNA_F
ClientSampleId :
B-63-S2(8-10)

Tot Ion:188 Resp: 331327
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.4 10.2 15.2

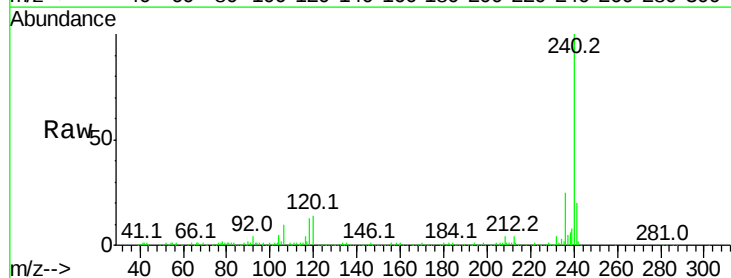


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

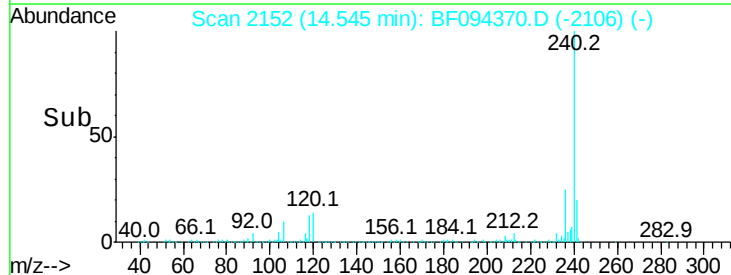
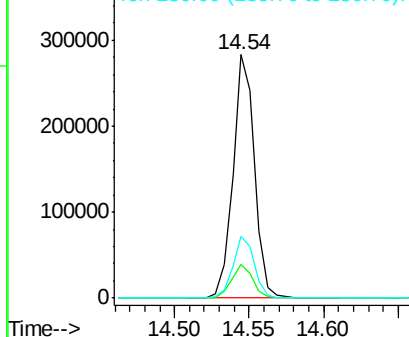


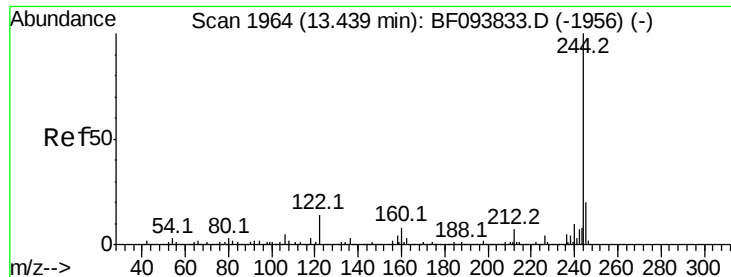
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.54 min Scan# 2152
Delta R.T. -0.03 min
Lab File: BF094370.D
Acq: 12 Apr 2017 00:27

Tgt Ion:240 Resp: 284830
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 25.4 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

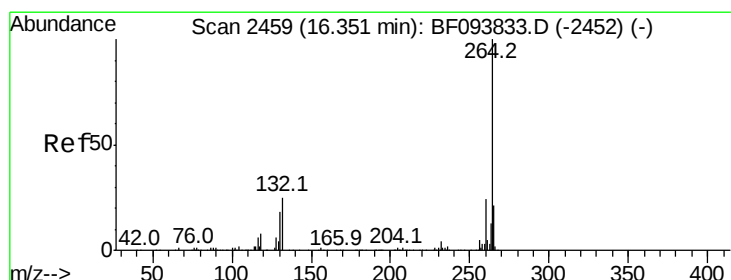
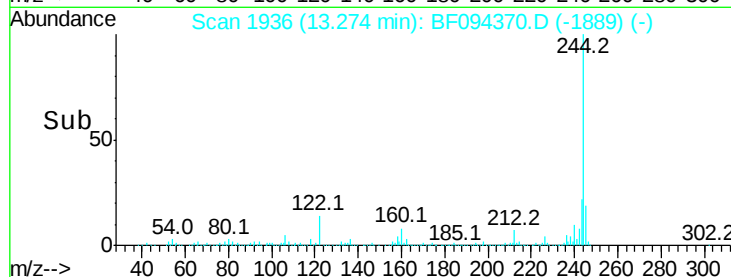
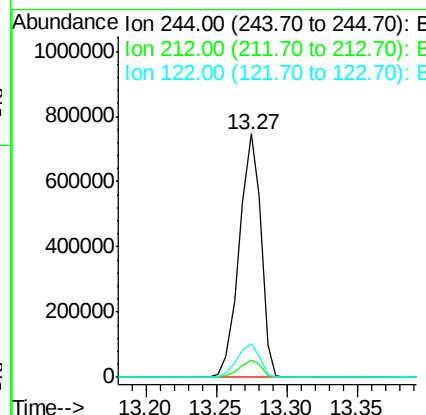
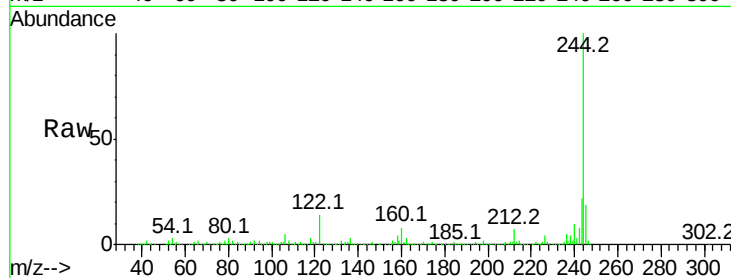




#78
 Terphenyl-d14
 Concen: 62.86 ng
 RT: 13.27 min Scan# 1936
 Delta R.T. -0.02 min
 Lab File: BF094370.D
 Acq: 12 Apr 2017 00:27

Instrument :
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 B-63-S2(8-10)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.9	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.17 min Scan# 2429
 Delta R.T. -0.02 min
 Lab File: BF094370.D
 Acq: 12 Apr 2017 00:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.8	17.2	25.8

