

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094379.D
 Acq On : 12 Apr 2017 6:02
 Operator : SJ/MA
 Sample : I2598-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-62-S1(0-2)

Quant Time: Apr 12 07:53:07 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

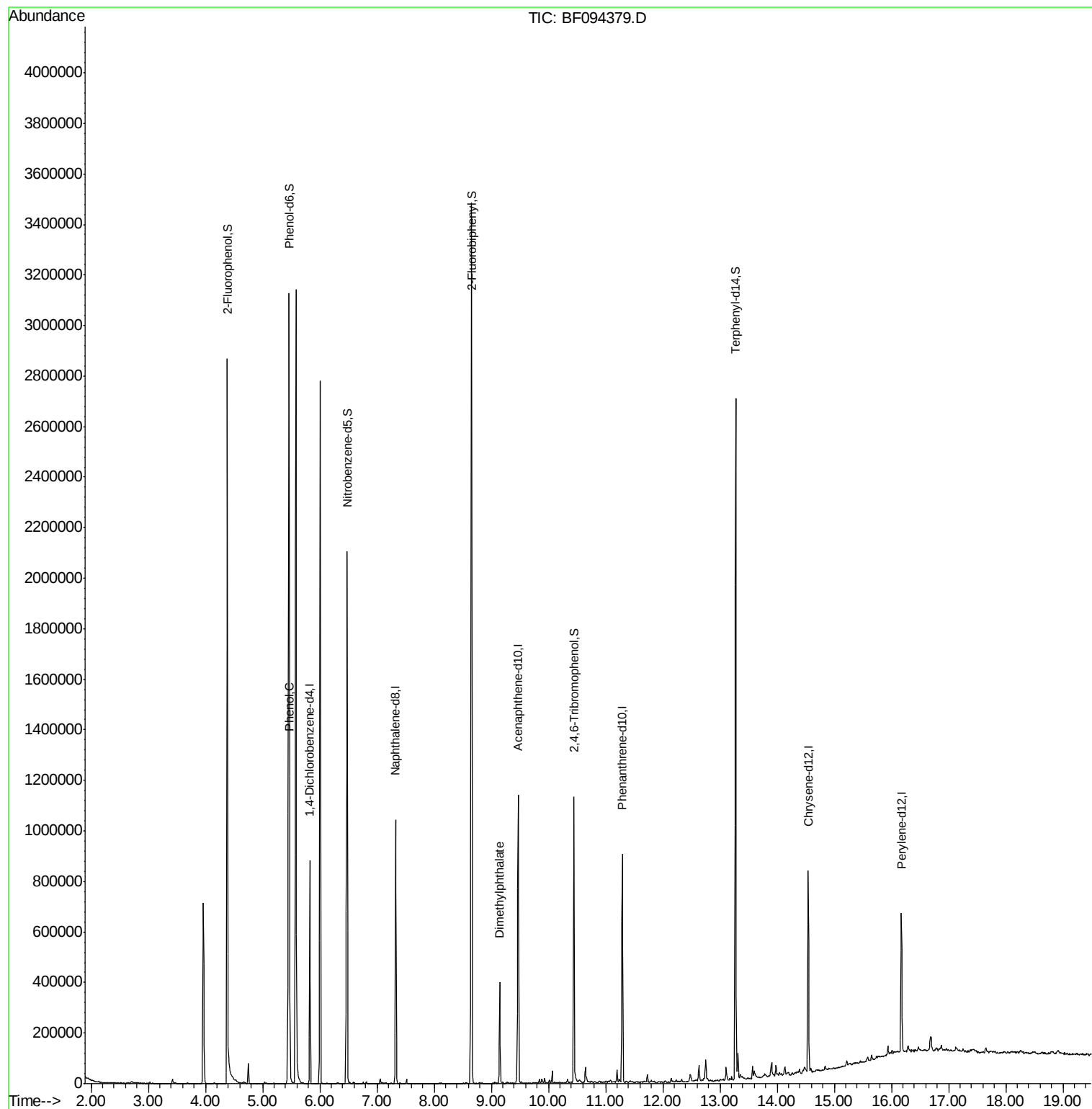
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	136722	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	523823	20.00	ng	-0.04
38) Acenaphthene-d10	9.47	164	208863	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	340042	20.00	ng	-0.03
75) Chrysene-d12	14.54	240	294314	20.00	ng	-0.03
86) Perylene-d12	16.17	264	216587	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.38	112	970972	119.95	ng	0.00
7) Phenol-d6	5.46	99	1329497	132.76	ng	0.00
23) Nitrobenzene-d5	6.48	82	845038	92.06	ng	-0.03
41) 2,4,6-Tribromophenol	10.45	330	135248	81.95	ng	-0.03
44) 2-Fluorobiphenyl	8.66	172	1323884	96.68	ng	-0.03
78) Terphenyl-d14	13.27	244	963566	73.38	ng	-0.02
Target Compounds						
10) Phenol	5.47	94	89597	7.86	ng	87
49) Dimethylphthalate	9.15	163	181794	12.24	ng	97

(#) = 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: BF094379.D

Acq: 12 Apr 2017 6:02

Instrument :

BNA_F

ClientSampleId :

B-62-S1(0-2)

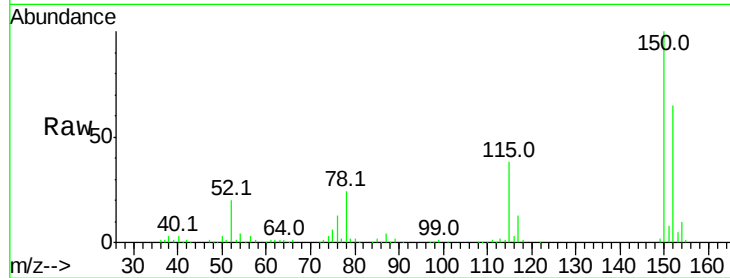
Tot Ion:152 Resp: 136722

Ion Ratio Lower Upper

152 100

150 153.5 126.2 189.2

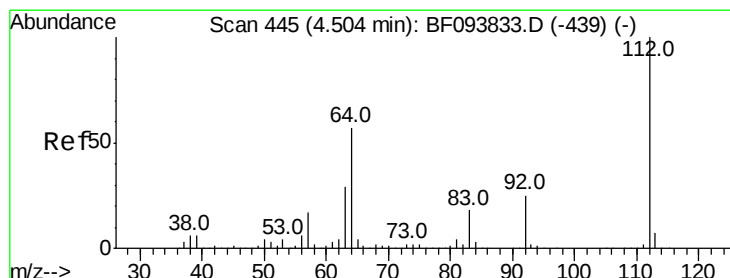
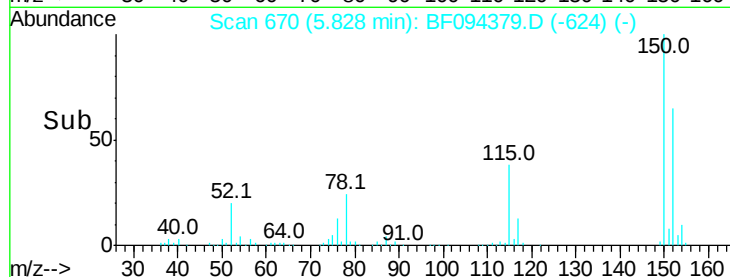
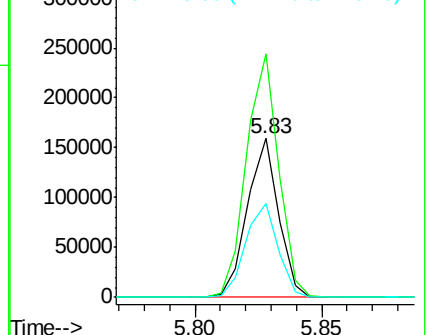
115 58.9 52.2 78.2



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: 119.95 ng

RT: 4.38 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF094379.D

Acq: 12 Apr 2017 6:02

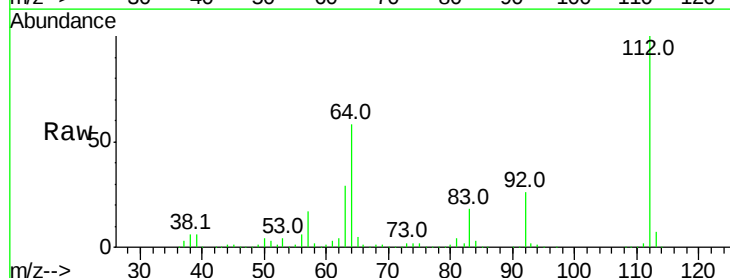
Tgt Ion:112 Resp: 970972

Ion Ratio Lower Upper

112 100

64 57.6 46.0 69.0

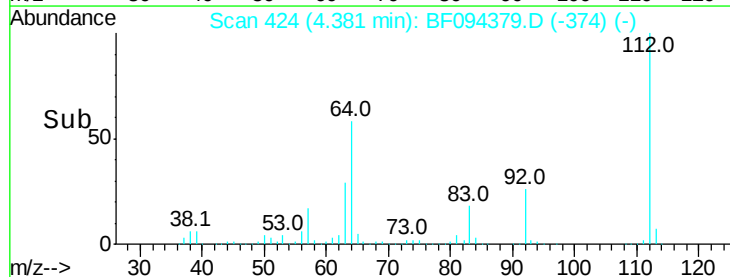
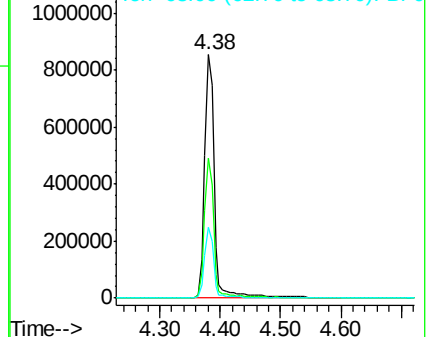
63 29.0 23.4 35.0



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: 132.76 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094379.D

Acq: 12 Apr 2017 6:02

Instrument :

BNA_F

ClientSampleId :

B-62-S1(0-2)

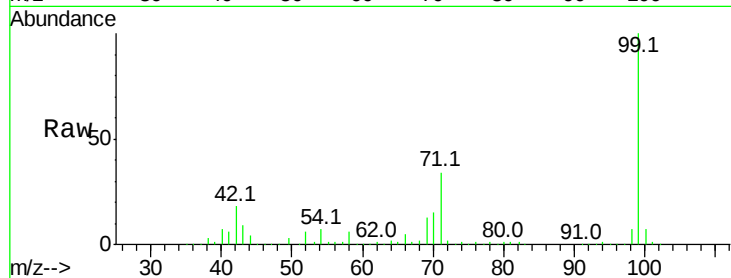
Tot Ion: 99 Resp: 1329497

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	33.9	24.5	36.7

99 100

42 17.5 13.5 20.3

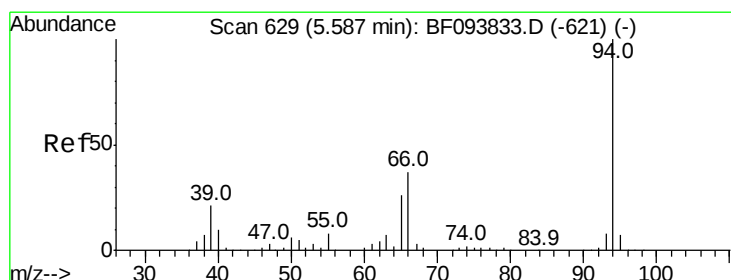
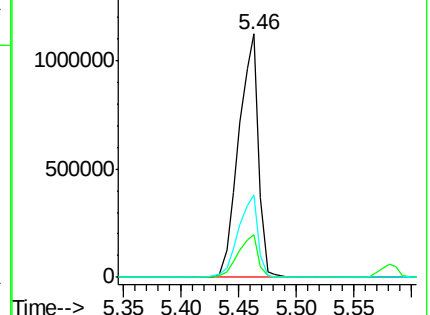
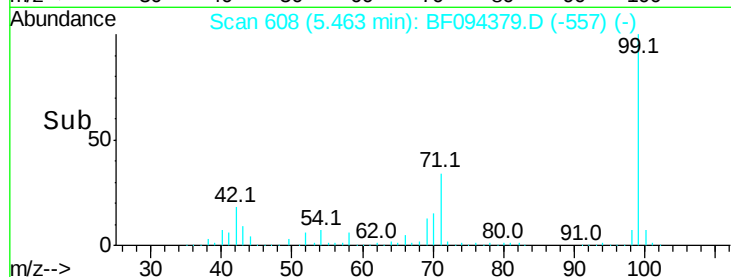
71 33.9 24.5 36.7



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: 7.86 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF094379.D

Acq: 12 Apr 2017 6:02

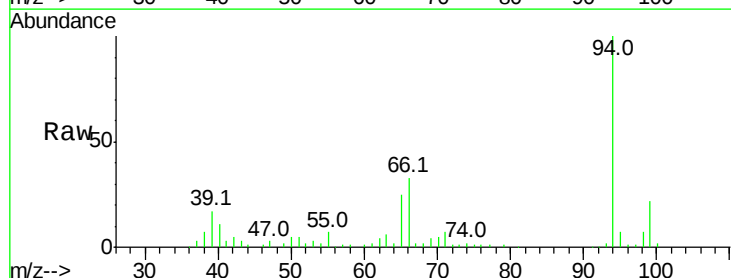
Tgt Ion: 94 Resp: 89597

Ion	Ratio	Lower	Upper
94	100		
65	24.7	9.9	49.9
66	33.3	23.1	63.1

94 100

65 24.7 9.9 49.9

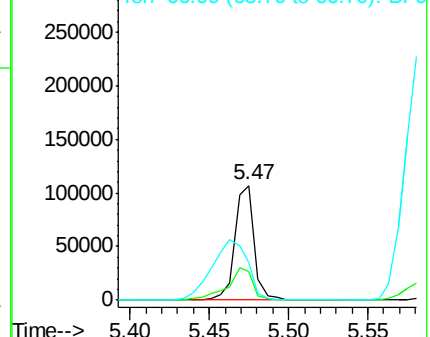
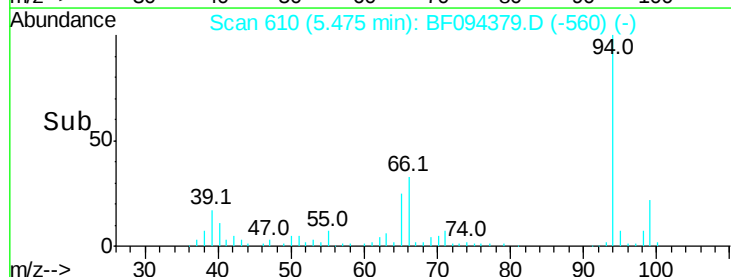
66 33.3 23.1 63.1



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: BF094379.D

Acq: 12 Apr 2017 6:02

Instrument :

BNA_F

ClientSampleId :

B-62-S1(0-2)

Tot Ion:136 Resp: 523823

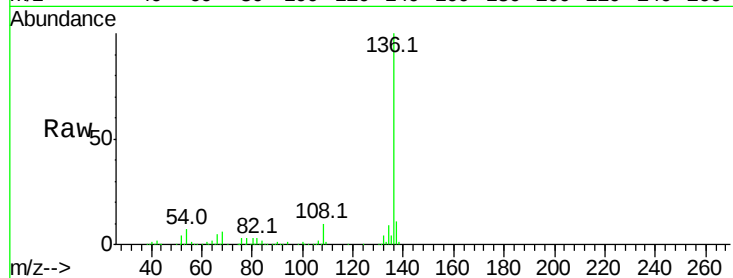
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.3 4.9 7.3

68 5.8 4.1 6.1

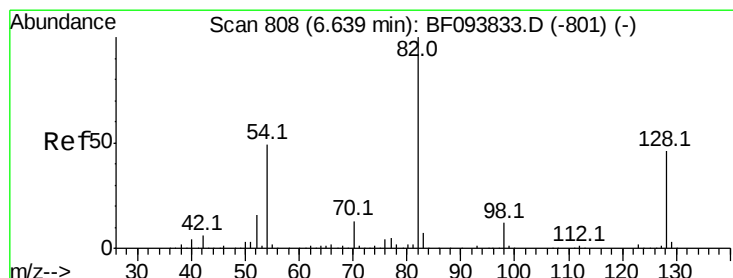
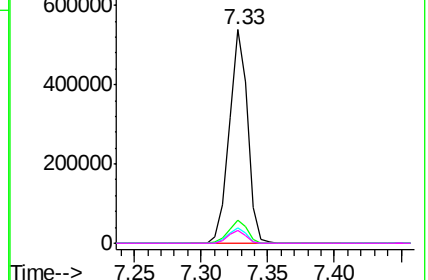
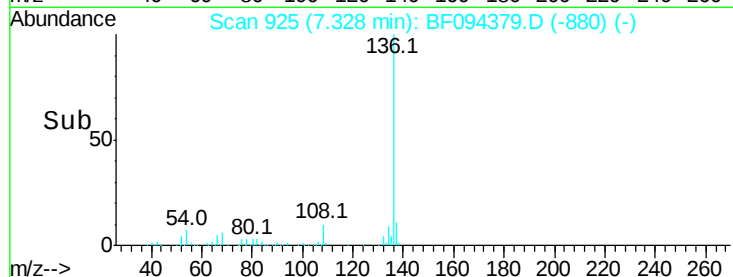


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.06 ng

RT: 6.48 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF094379.D

Acq: 12 Apr 2017 6:02

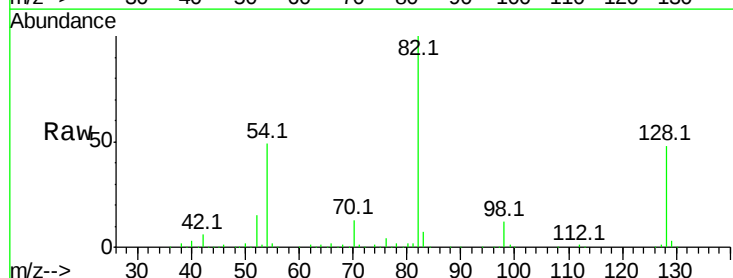
Tgt Ion: 82 Resp: 845038

Ion Ratio Lower Upper

82 100

128 47.6 34.0 51.0

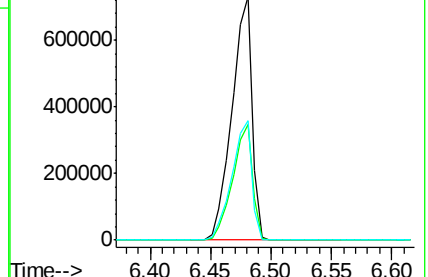
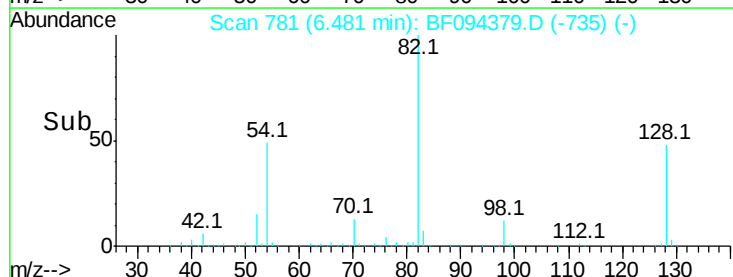
54 49.1 42.2 63.2

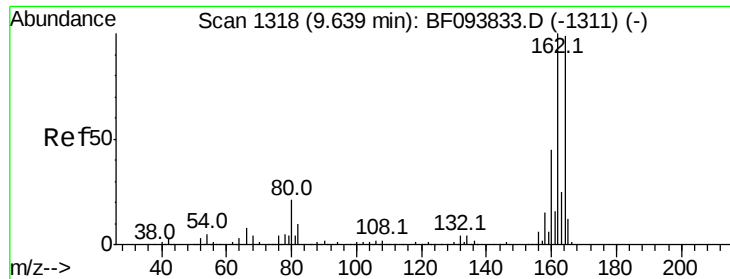


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

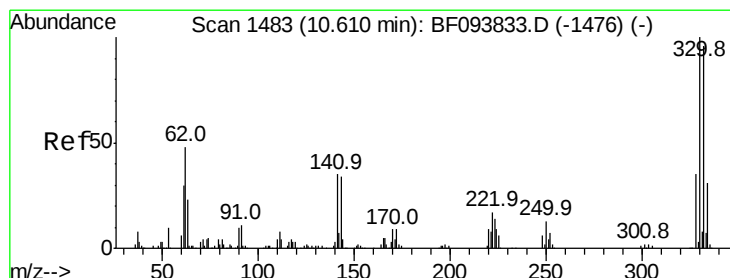
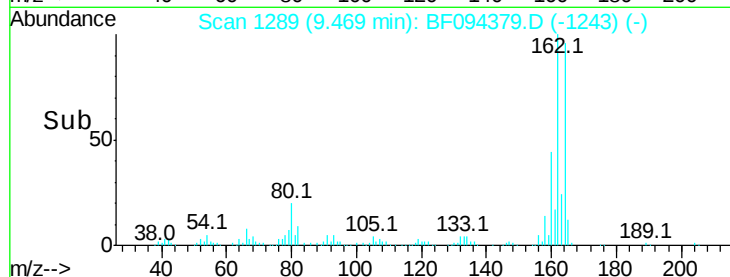
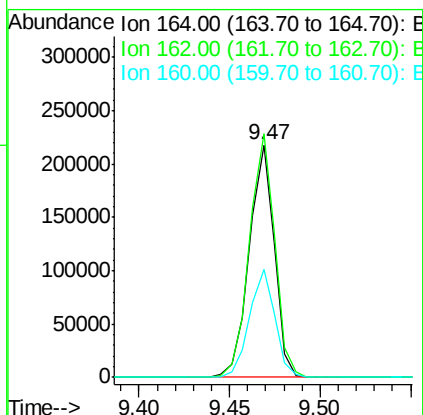
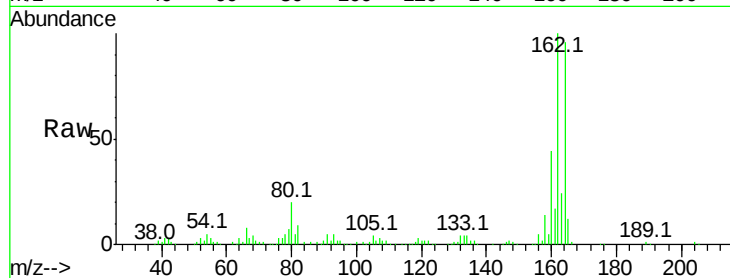




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.03 min
Lab File: BF094379.D
Acq: 12 Apr 2017 6:02

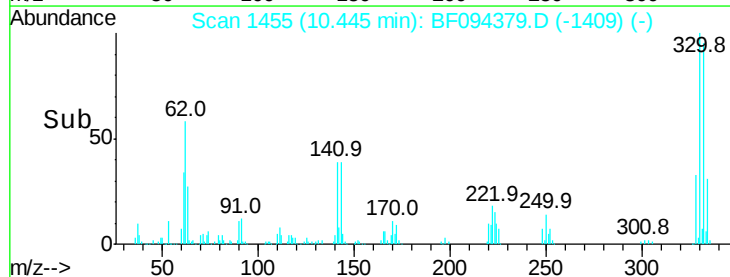
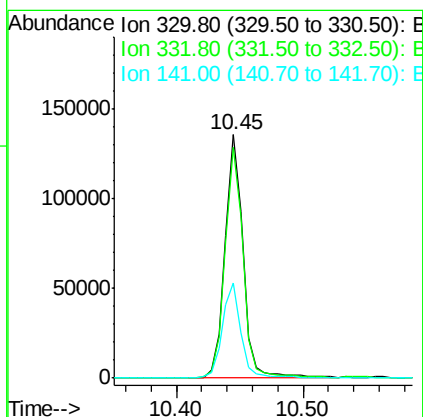
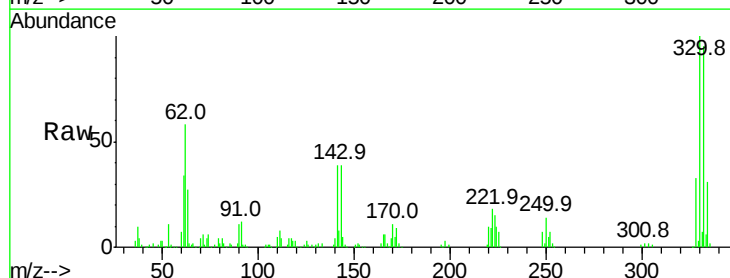
Instrument :
BNA_F
ClientSampleId :
B-62-S1(0-2)

Tot Ion:164 Resp: 208863
Ion Ratio Lower Upper
164 100
162 104.7 82.6 123.8
160 46.3 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 81.95 ng
RT: 10.45 min Scan# 1455
Delta R.T. -0.03 min
Lab File: BF094379.D
Acq: 12 Apr 2017 6:02

Tgt Ion:330 Resp: 135248
Ion Ratio Lower Upper
330 100
332 95.2 76.6 115.0
141 40.1 31.4 47.2



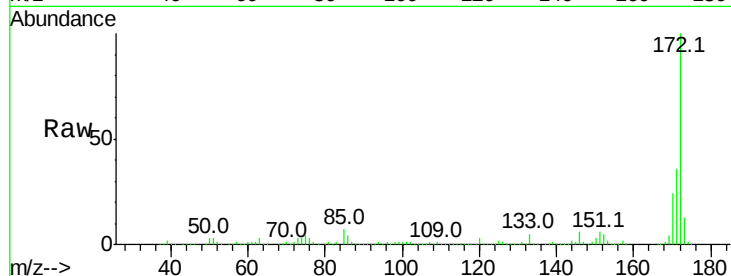


#44
 2-Fluorobiphenyl
 Concen: 96.68 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF094379.D
 Acq: 12 Apr 2017 6:02

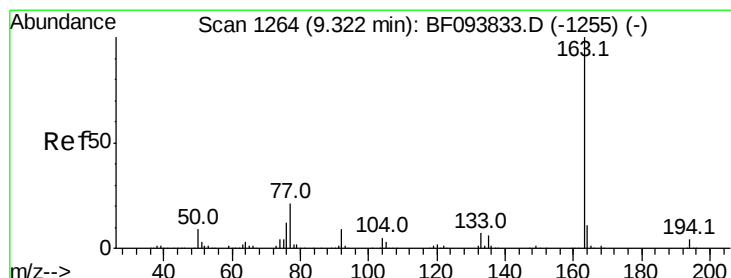
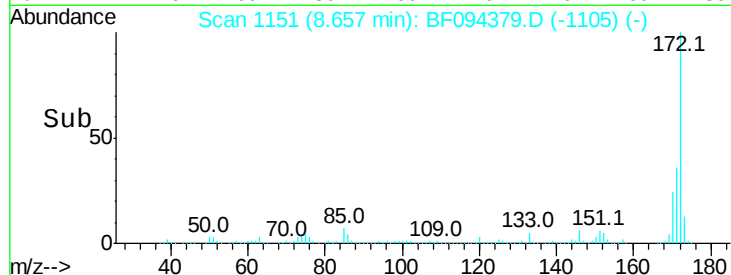
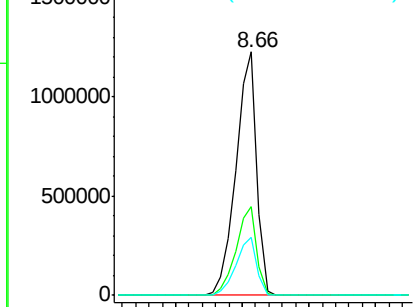
Instrument :
 BNA_F
 ClientSampleId :
 B-62-S1(0-2)

Tot Ion:172 Resp: 1323884

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.0	19.8	29.8



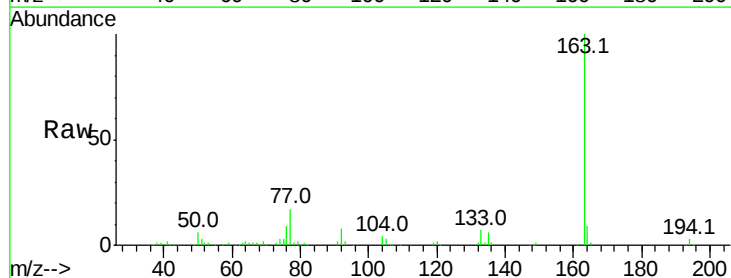
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



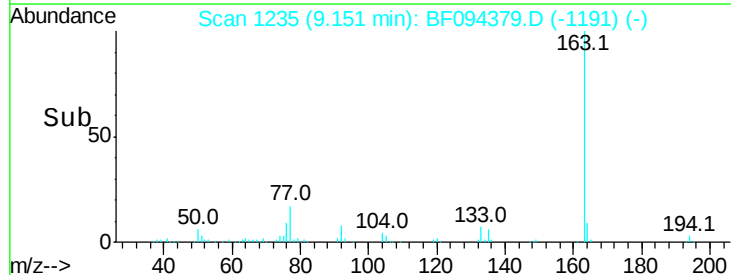
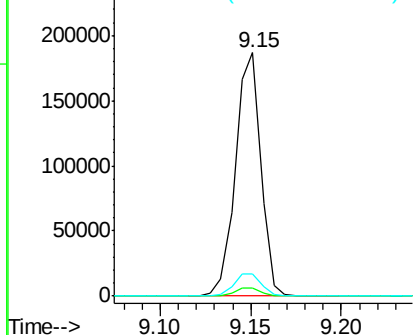
#49
 Dimethylphthalate
 Concen: 12.24 ng
 RT: 9.15 min Scan# 1235
 Delta R.T. -0.04 min
 Lab File: BF094379.D
 Acq: 12 Apr 2017 6:02

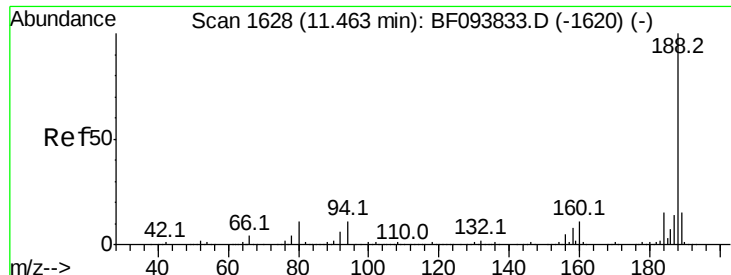
Tgt Ion:163 Resp: 181794

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.1	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

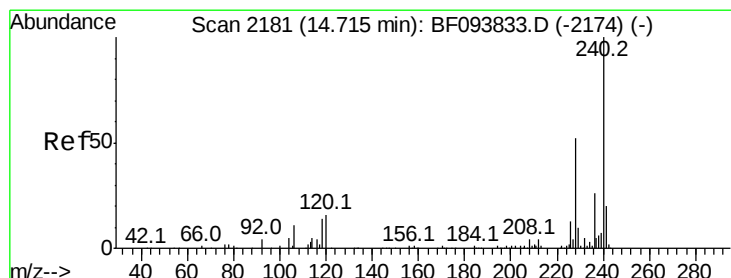
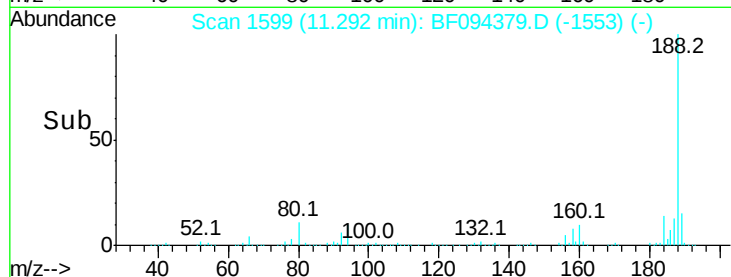
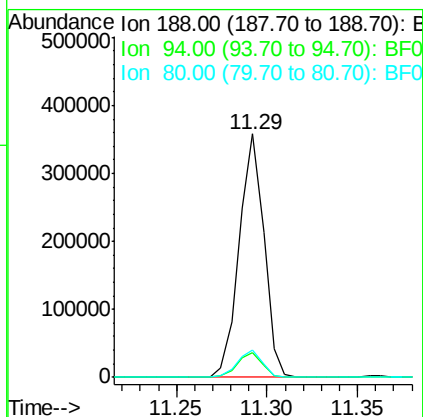
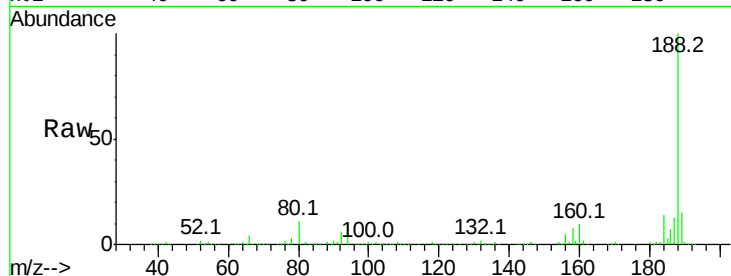




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1599
Delta R.T. -0.03 min
Lab File: BF094379.D
Acq: 12 Apr 2017 6:02

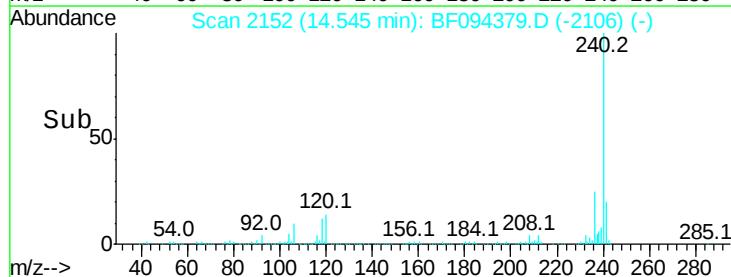
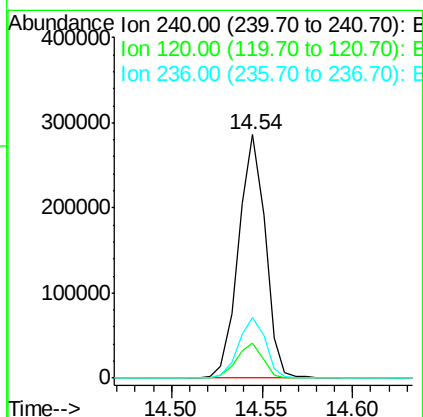
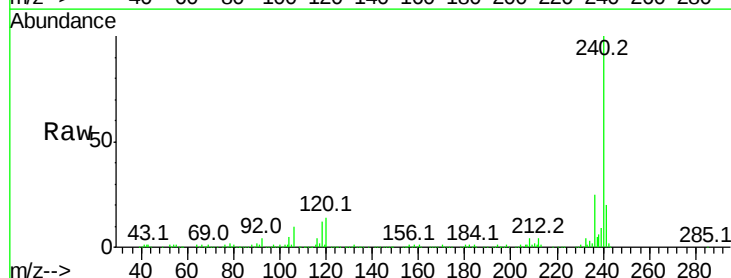
Instrument :
BNA_F
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B-62-S1(0-2)

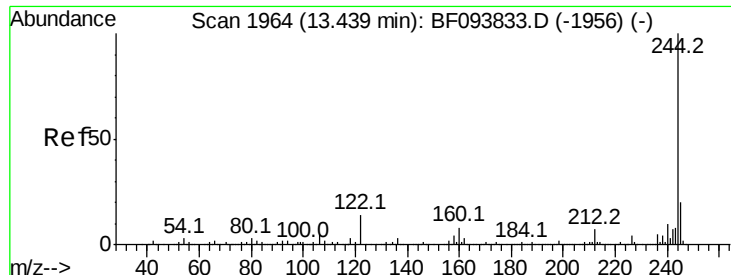
Tot Ion:188 Resp: 340042
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 11.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.54 min Scan# 2152
Delta R.T. -0.03 min
Lab File: BF094379.D
Acq: 12 Apr 2017 6:02

Tgt Ion:240 Resp: 294314
Ion Ratio Lower Upper
240 100
120 14.3 5.8 8.8#
236 24.8 20.5 30.7





#78

Terphenyl-d14

Concen: 73.38 ng

RT: 13.27 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BF094379.D

Acq: 12 Apr 2017 6:02

Instrument :

BNA_F

ClientSampleId :

B-62-S1(0-2)

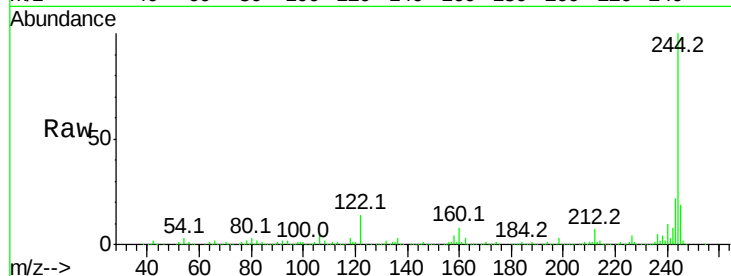
Tot Ion:244 Resp: 963566

Ion Ratio Lower Upper

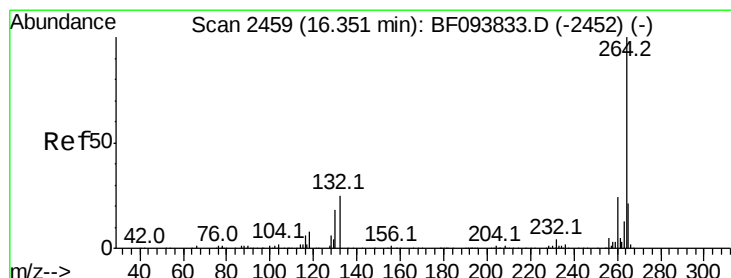
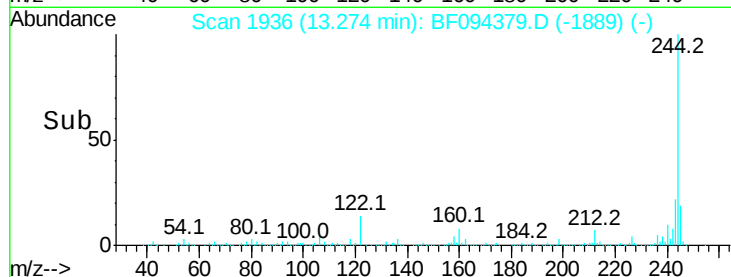
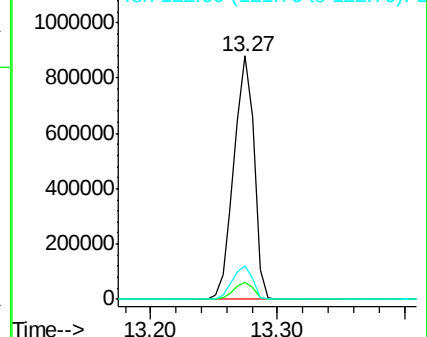
244 100

212 7.2 6.0 9.0

122 14.0 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: 16.17 min Scan# 2429

Delta R.T. -0.02 min

Lab File: BF094379.D

Acq: 12 Apr 2017 6:02

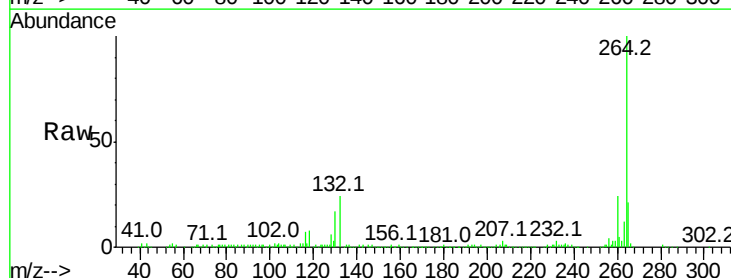
Tgt Ion:264 Resp: 216587

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.4 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

