

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094250.D
 Acq On : 7 Apr 2017 3:43
 Operator : SJ/MA
 Sample : I2574-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-S2(2-4)

Quant Time: Apr 07 04:15:13 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

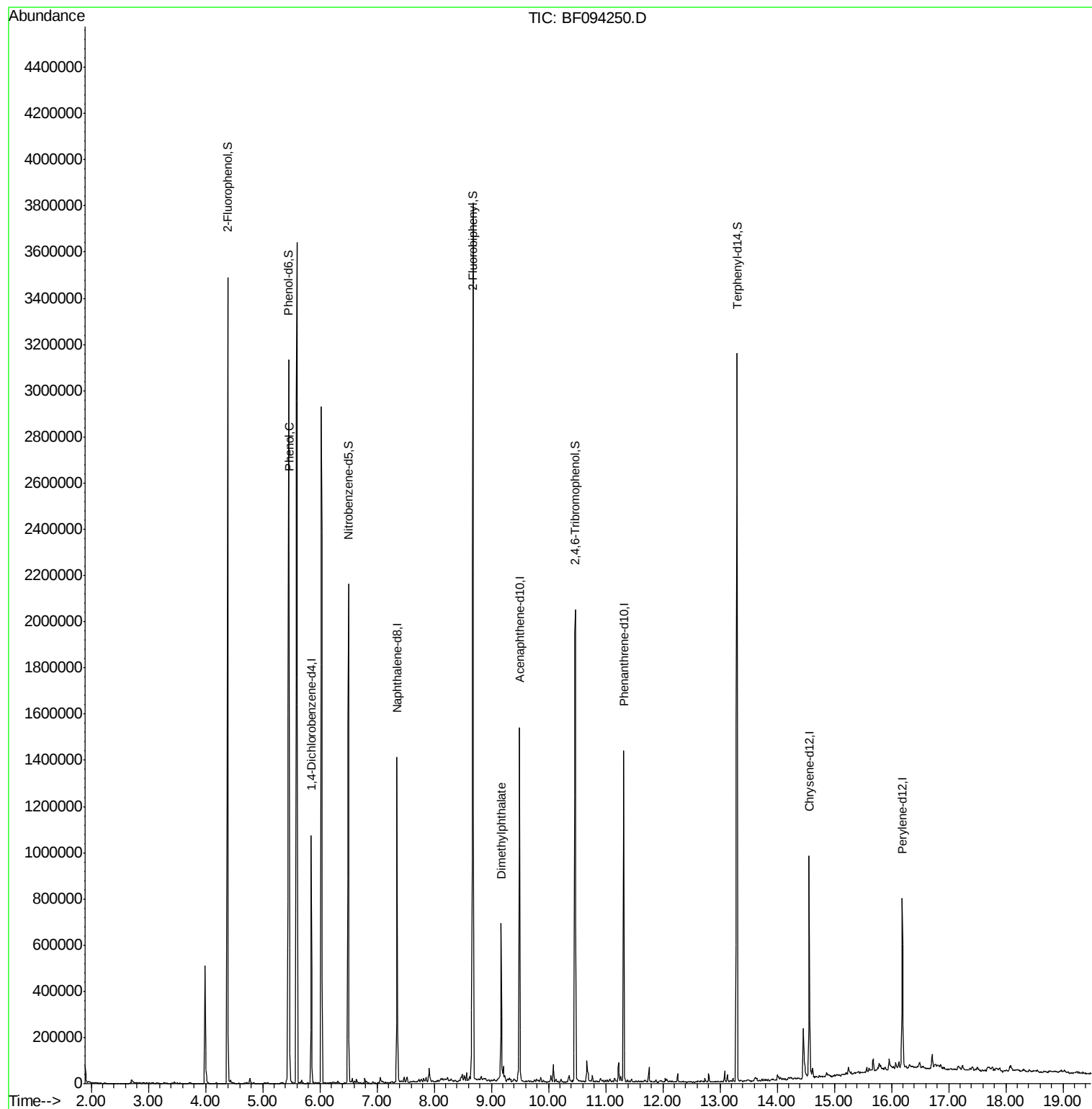
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	165526	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	680263	20.00	ng	-0.01
38) Acenaphthene-d10	9.49	164	320771	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	548506	20.00	ng	0.00
75) Chrysene-d12	14.56	240	360926	20.00	ng	-0.01
86) Perylene-d12	16.19	264	287997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	1078996	110.10	ng	0.00
7) Phenol-d6	5.46	99	1396087	115.15	ng	0.00
23) Nitrobenzene-d5	6.50	82	878295	73.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	285498	112.63	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1500043	71.33	ng	0.00
78) Terphenyl-d14	13.30	244	1124559	69.84	ng	0.00
Target Compounds						
10) Phenol	5.47	94	95711	6.94	ng	88
49) Dimethylphthalate	9.17	163	298719	13.10	ng	100

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.85 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF094250.D

Acq: 7 Apr 2017 3:43

Instrument :

BNA_F

ClientSampleId :

B2-S2(2-4)

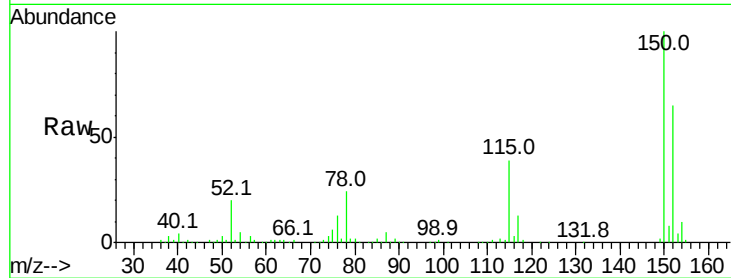
Tot Ion:152 Resp: 165526

Ion Ratio Lower Upper

152 100

150 153.9 126.2 189.2

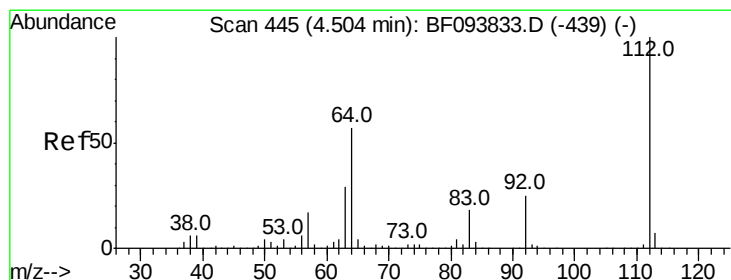
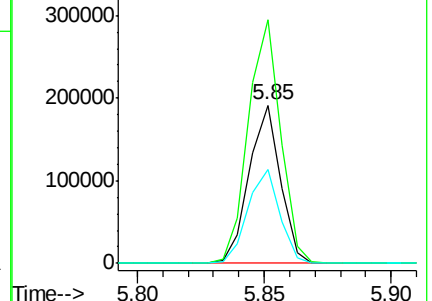
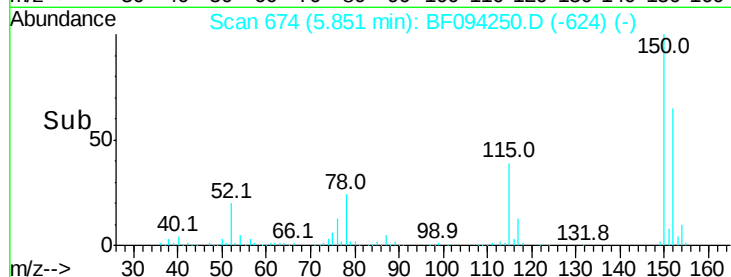
115 59.5 52.2 78.2



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: 110.10 ng

RT: 4.39 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF094250.D

Acq: 7 Apr 2017 3:43

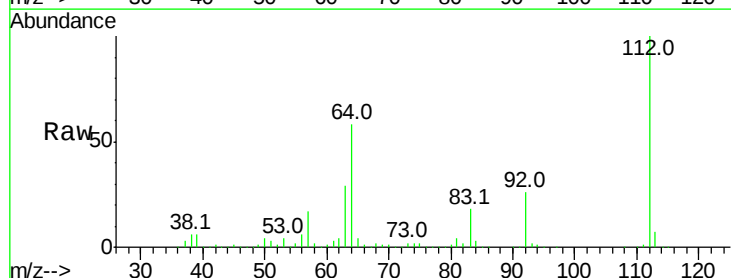
Tgt Ion:112 Resp: 1078996

Ion Ratio Lower Upper

112 100

64 58.1 46.0 69.0

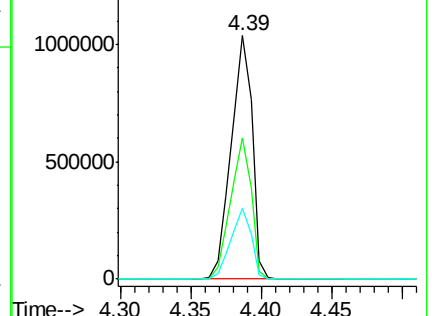
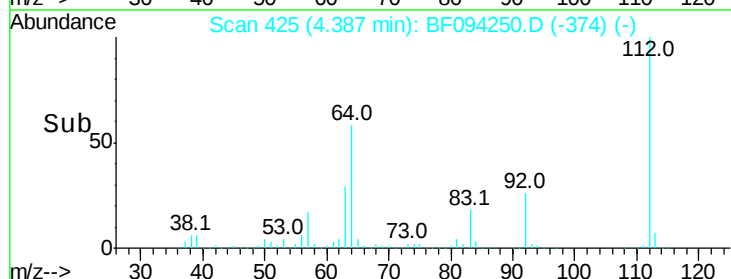
63 29.1 23.4 35.0



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: 115.15 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF094250.D

Acq: 7 Apr 2017 3:43

Instrument :

BNA_F

ClientSampleId :

B2-S2(2-4)

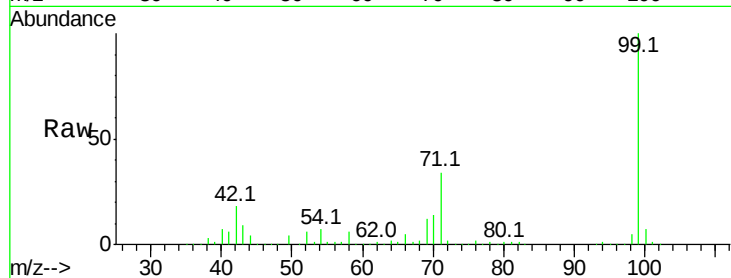
Tot Ion: 99 Resp: 1396087

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	34.2	24.5	36.7

99 100

42 17.8 13.5 20.3

71 34.2 24.5 36.7

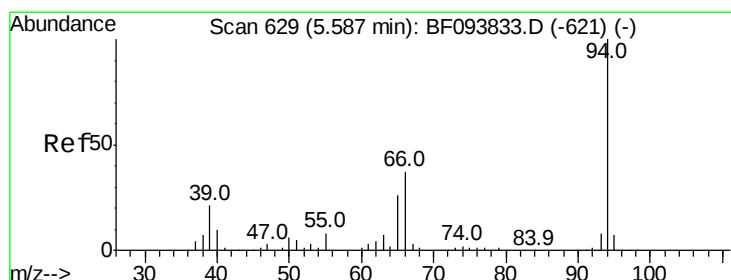
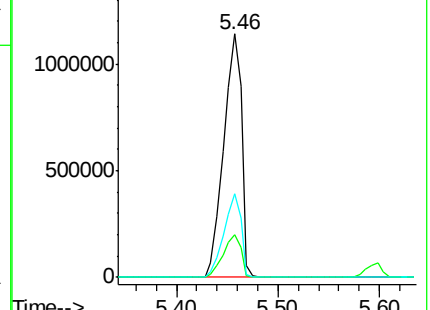
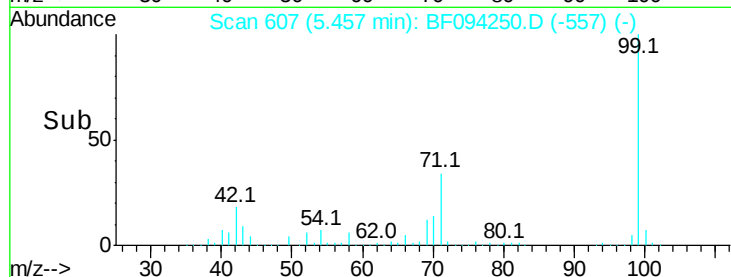


Abundance

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: 6.94 ng

RT: 5.47 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF094250.D

Acq: 7 Apr 2017 3:43

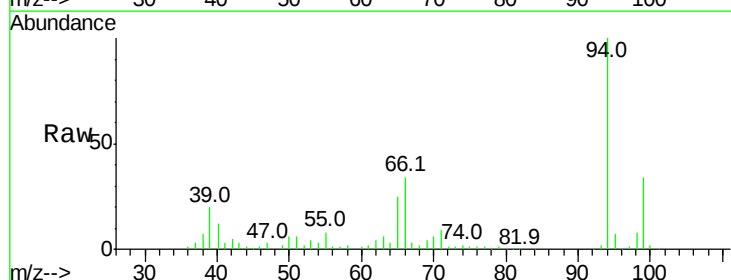
Tgt Ion: 94 Resp: 95711

Ion	Ratio	Lower	Upper
94	100		
65	25.4	9.9	49.9
66	34.2	23.1	63.1

94 100

65 25.4 9.9 49.9

66 34.2 23.1 63.1

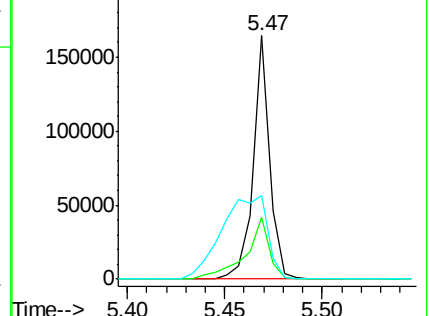
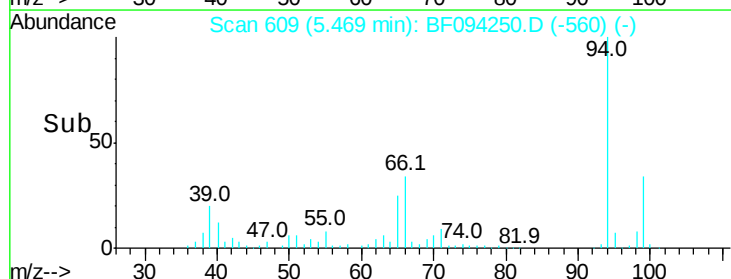


Abundance

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: 7.35 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF094250.D

Acq: 7 Apr 2017 3:43

Instrument :

BNA_F

ClientSampleId :

B2-S2(2-4)

Tot Ion:136 Resp: 680263

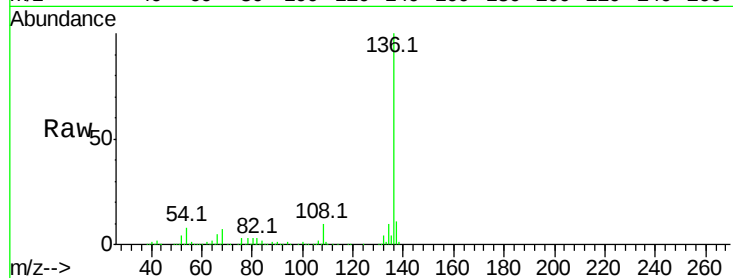
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.5 4.9 7.3#

68 6.6 4.1 6.1#

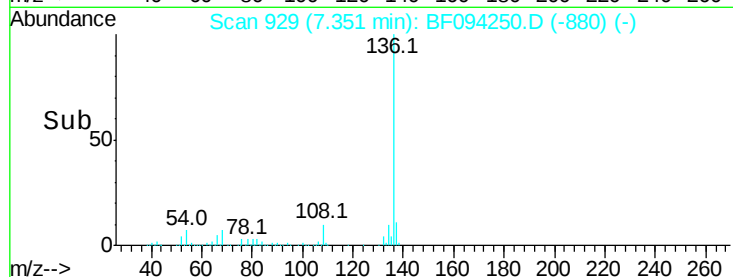


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

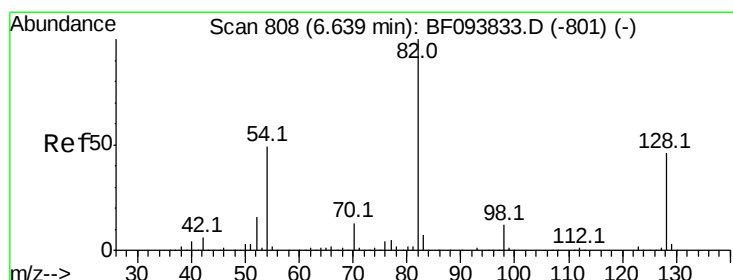
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Abundance

Time-->



#23

Nitrobenzene-d5

Concen: 73.68 ng

RT: 6.50 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF094250.D

Acq: 7 Apr 2017 3:43

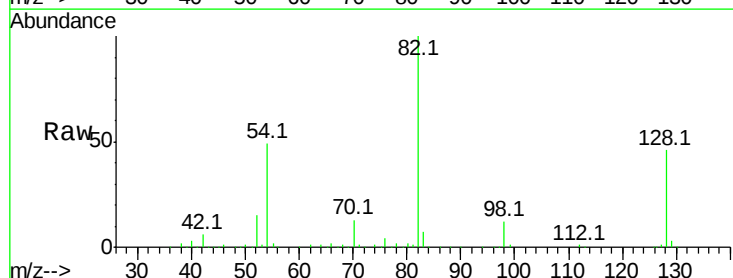
Tgt Ion: 82 Resp: 878295

Ion Ratio Lower Upper

82 100

128 45.5 34.0 51.0

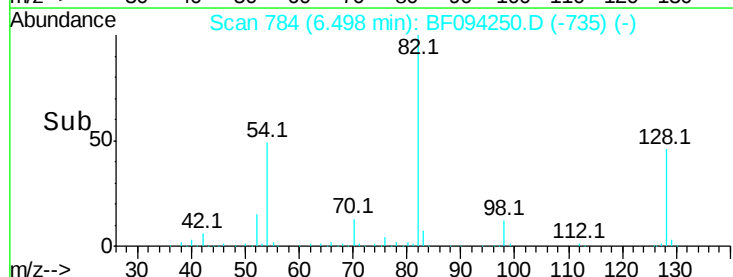
54 48.7 42.2 63.2



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



Abundance

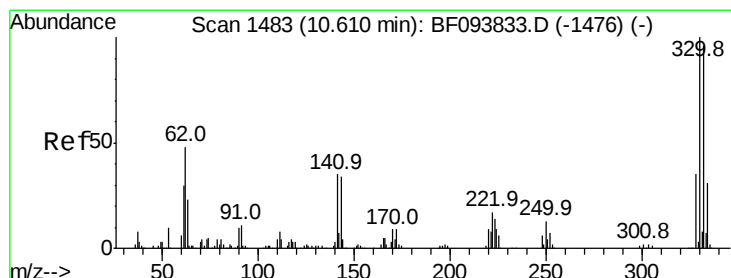
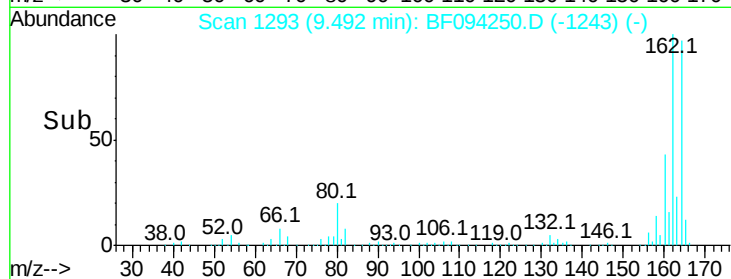
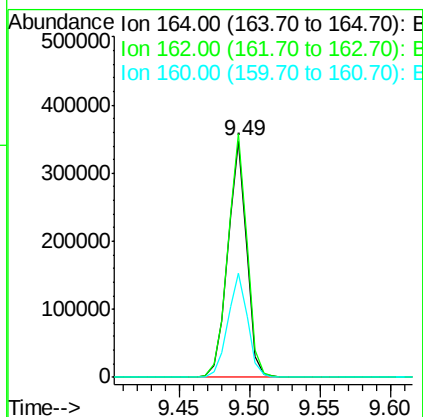
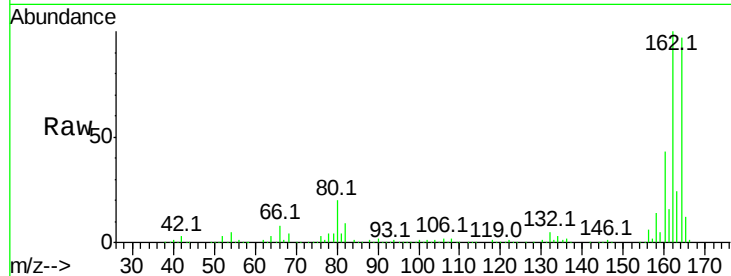
Time-->



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF094250.D
 Acq: 7 Apr 2017 3:43

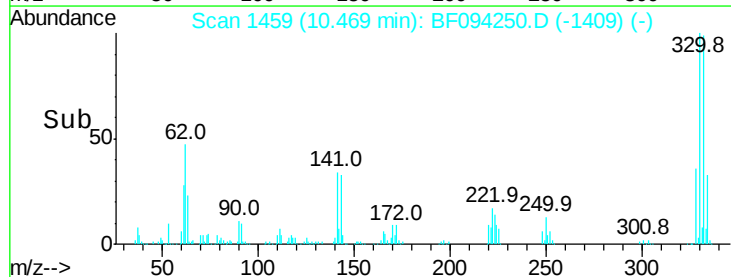
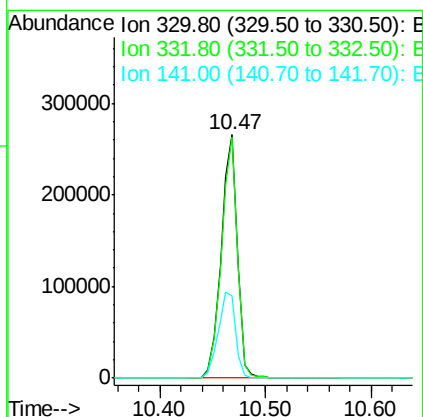
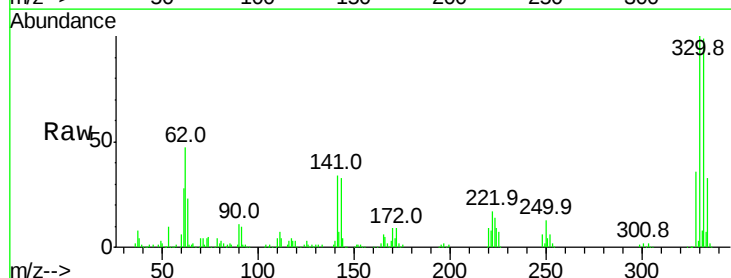
Instrument :
 BNA_F
 ClientSampleId :
 B2-S2(2-4)

Tot Ion:164 Resp: 320771
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 123.8
 160 44.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 112.63 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094250.D
 Acq: 7 Apr 2017 3:43

Tgt Ion:330 Resp: 285498
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 38.8 31.4 47.2

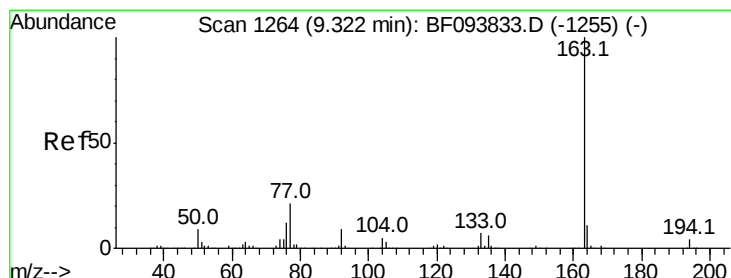
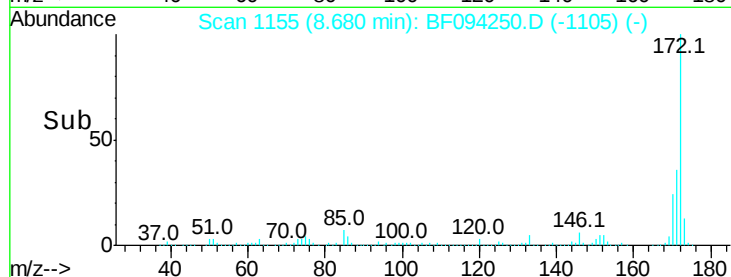
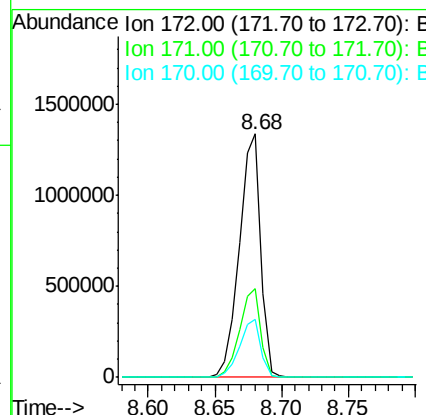
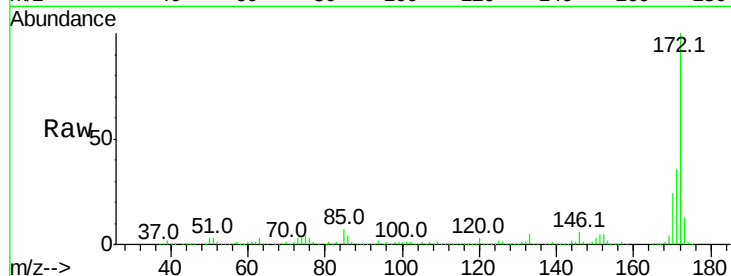




#44
2-Fluorobiphenyl
Concen: 71.33 ng
RT: 8.68 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF094250.D
Acq: 7 Apr 2017 3:43

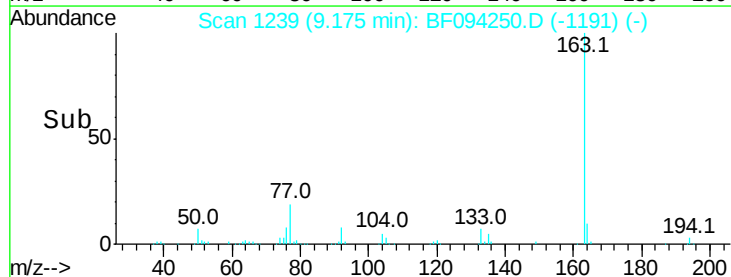
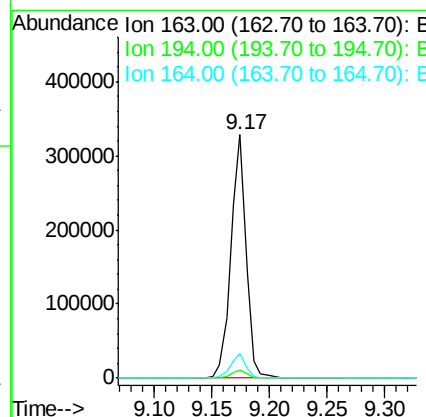
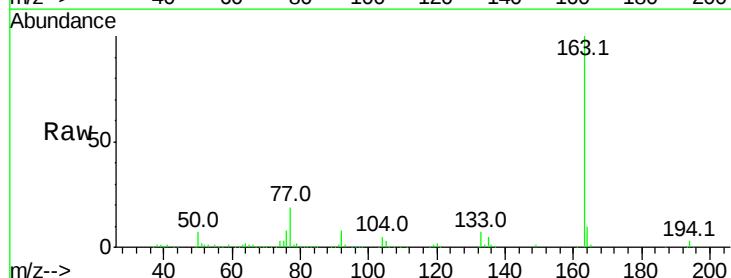
Instrument :
BNA_F
ClientSampleId :
B2-S2(2-4)

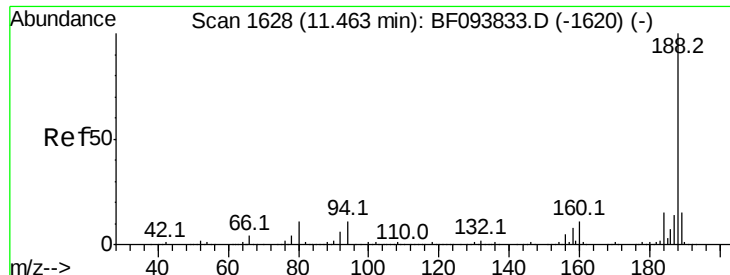
Tot Ion:172 Resp: 1500043
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.7 19.8 29.8



#49
Dimethylphthalate
Concen: 13.10 ng
RT: 9.17 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF094250.D
Acq: 7 Apr 2017 3:43

Tgt Ion:163 Resp: 298719
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.3 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF094250.D

Acq: 7 Apr 2017 3:43

Instrument :

BNA_F

ClientSampleId :

B2-S2(2-4)

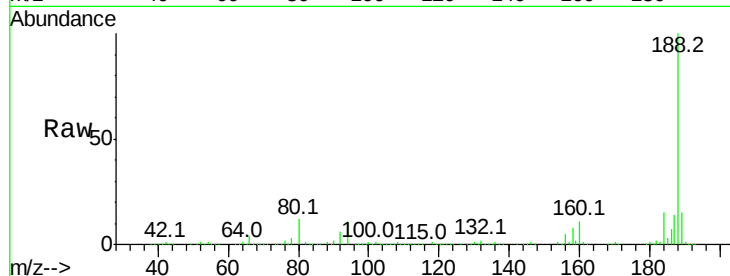
Tot Ion:188 Resp: 548506

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.2

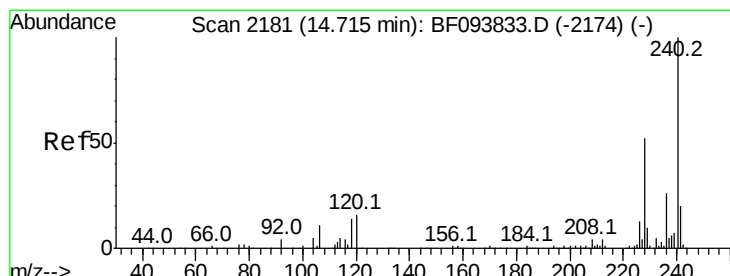
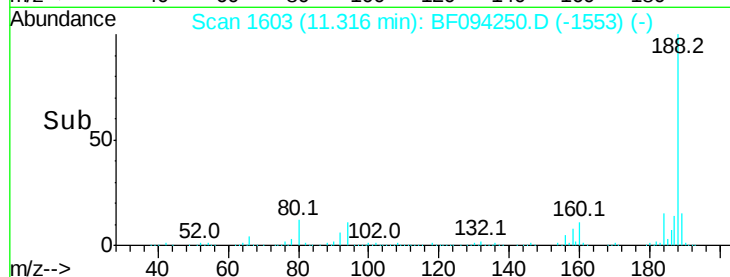
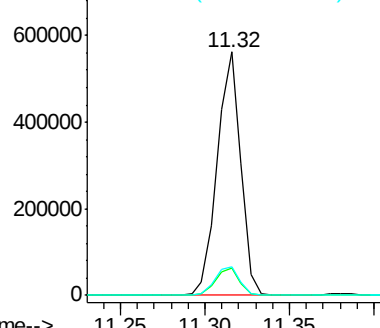
80 11.9 10.2 15.2



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: 14.56 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF094250.D

Acq: 7 Apr 2017 3:43

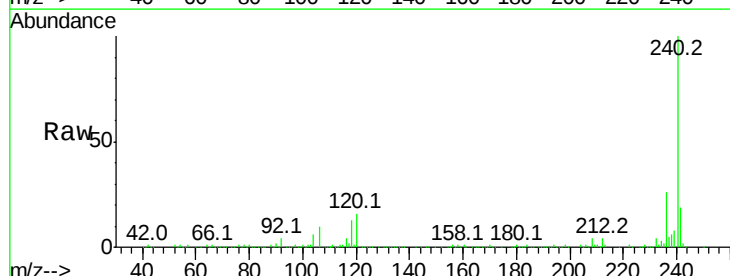
Tgt Ion:240 Resp: 360926

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

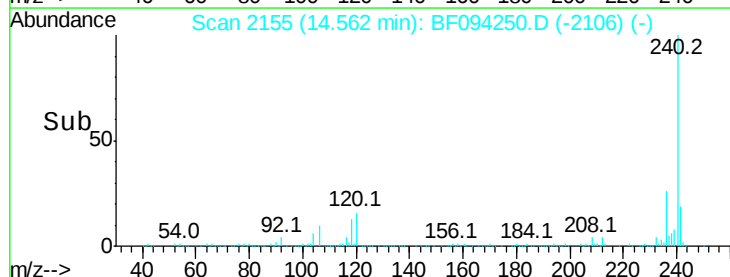
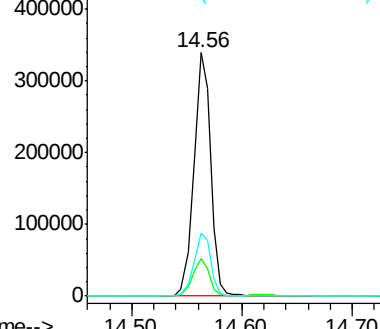
236 26.1 20.5 30.7

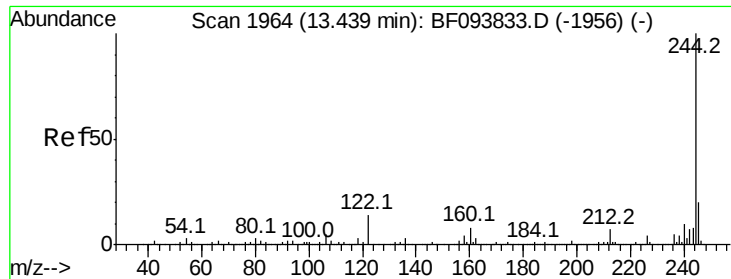


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

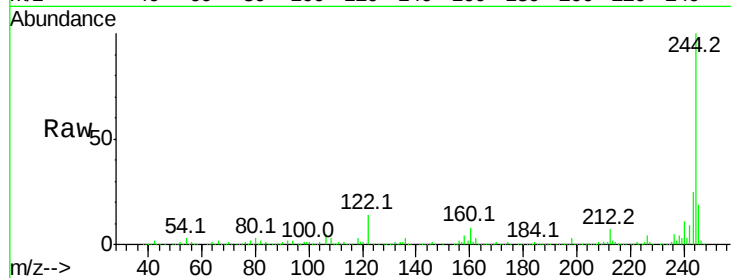




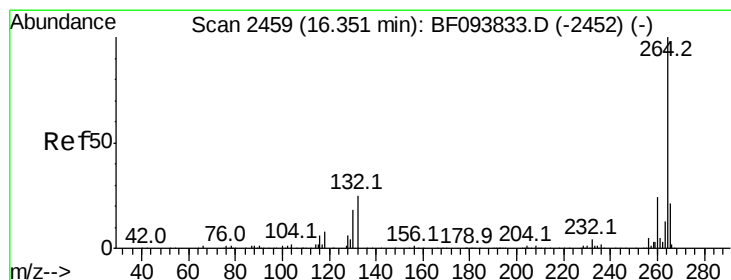
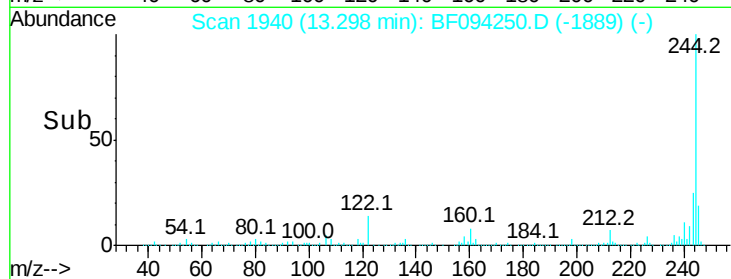
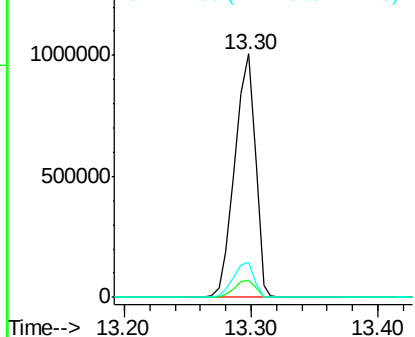
#78
 Terphenyl-d14
 Concen: 69.84 ng
 RT: 13.30 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: BF094250.D
 Acq: 7 Apr 2017 3:43

Instrument :
 BNA_F
 ClientSampleId :
 B2-S2(2-4)

Tot Ion:244 Resp: 1124559
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.3 10.3 15.5

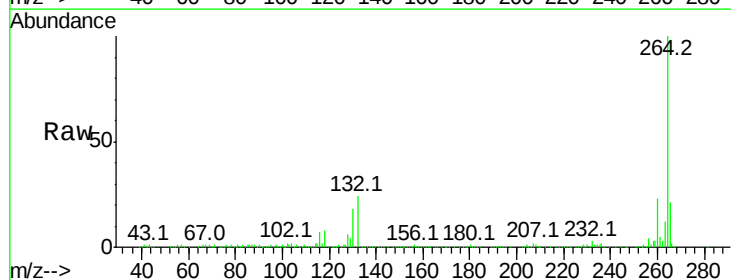


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BF094250.D
 Acq: 7 Apr 2017 3:43

Tgt Ion:264 Resp: 287997
 Ion Ratio Lower Upper
 264 100
 260 23.2 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

