

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092044.D
 Acq On : 30 Dec 2016 14:01
 Operator : UM/SJ
 Sample : H6262-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-4(55-57)

Quant Time: Dec 30 16:00:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

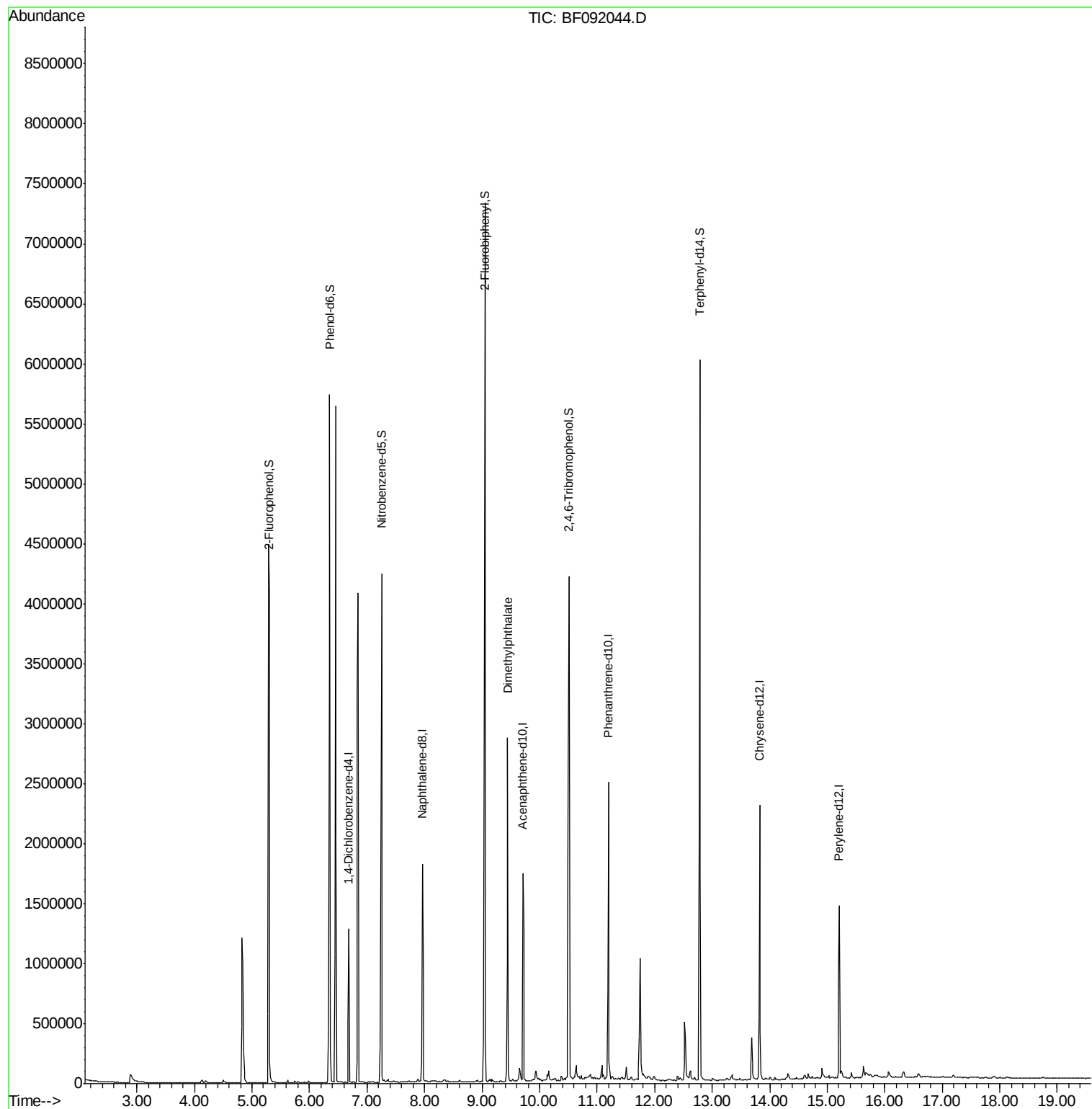
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	212183	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	986857	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	519242	20.00	ng	-0.05
63) Phenanthrene-d10	11.20	188	923566	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	750081	20.00	ng	-0.05
86) Perylene-d12	15.21	264	661540	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1898337	149.39	ng	-0.02
7) Phenol-d6	6.35	99	2399831	154.68	ng	-0.03
23) Nitrobenzene-d5	7.25	82	1719678	96.90	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	632159	147.11	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	2547366	103.30	ng	-0.03
78) Terphenyl-d14	12.79	244	2204902	71.29	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.45	163	1230229	37.04	ng	Qvalue 99

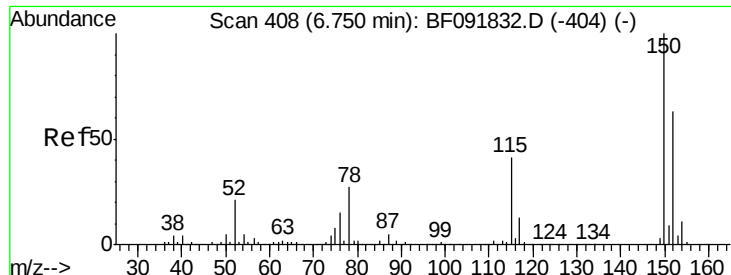
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF092044.D

Acq: 30 Dec 2016 14:01

Instrument :

BNA_F

ClientSampleId :

W-4(55-57)

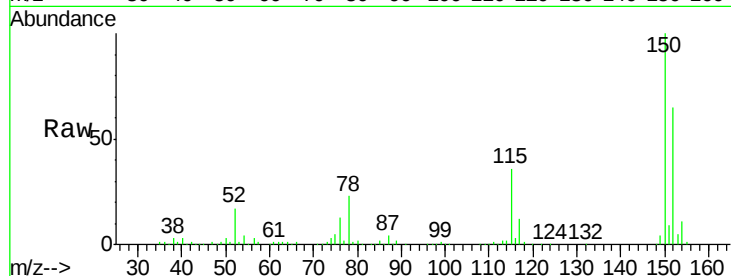
Tot Ion:152 Resp: 212183

Ion Ratio Lower Upper

152 100

150 153.8 124.9 187.3

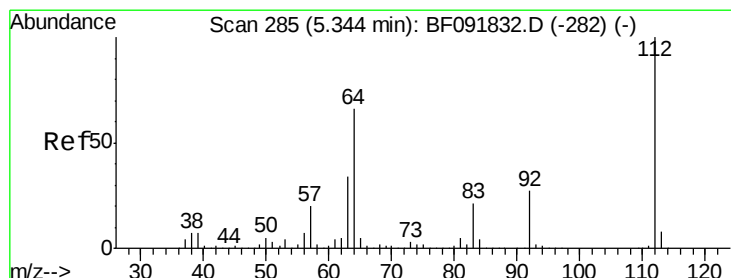
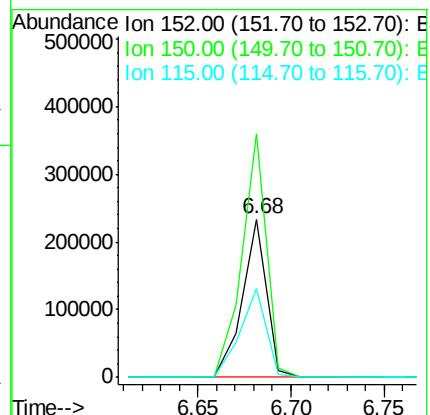
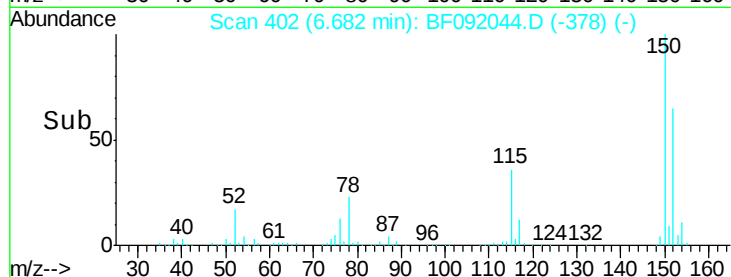
115 56.0 46.0 69.0



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: 149.39 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092044.D

Acq: 30 Dec 2016 14:01

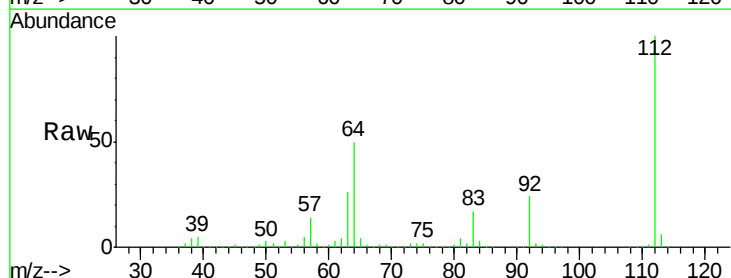
Tgt Ion:112 Resp: 1898337

Ion Ratio Lower Upper

112 100

64 50.4 46.1 69.1

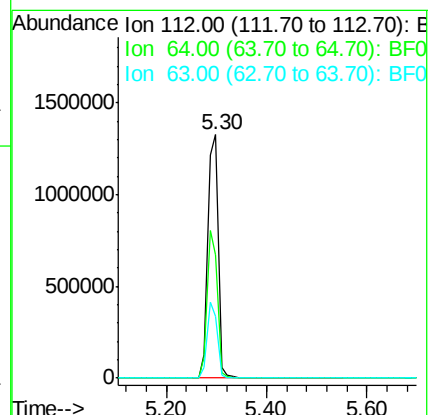
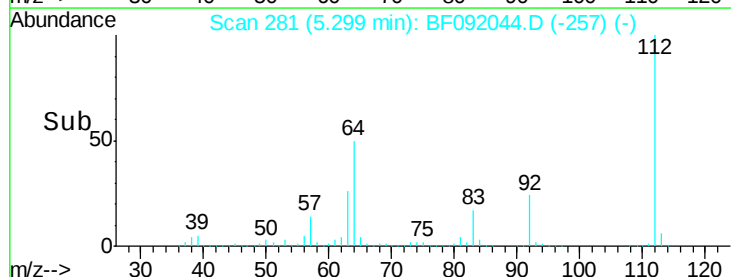
63 25.6 23.8 35.6

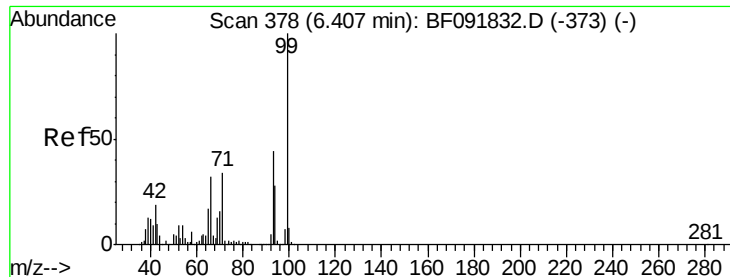


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 154.68 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092044.D

Acq: 30 Dec 2016 14:01

Instrument :

BNA_F

ClientSampleId :

W-4(55-57)

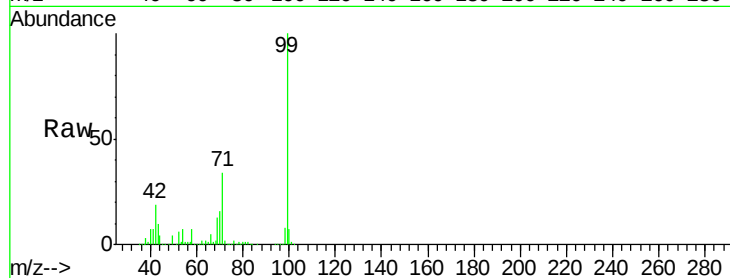
Tot Ion: 99 Resp: 2399831

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

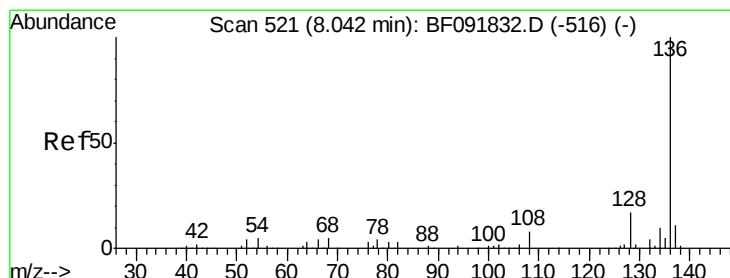
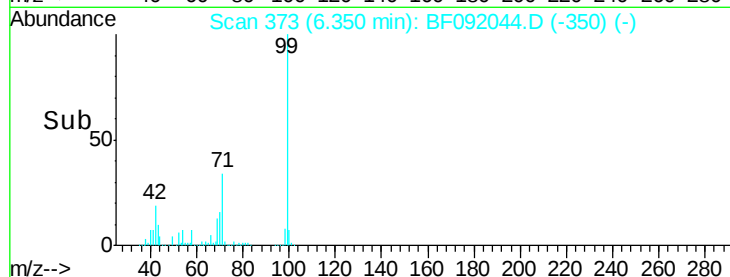
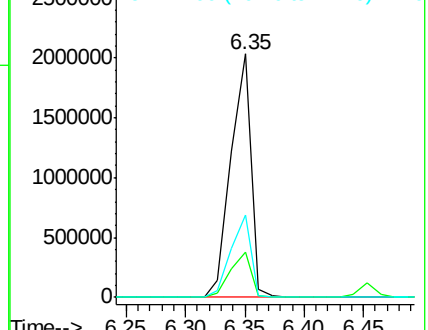
71 33.7 27.5 41.3



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: 7.96 min Scan# 514

Delta R.T. -0.03 min

Lab File: BF092044.D

Acq: 30 Dec 2016 14:01

Tgt Ion: 136 Resp: 986857

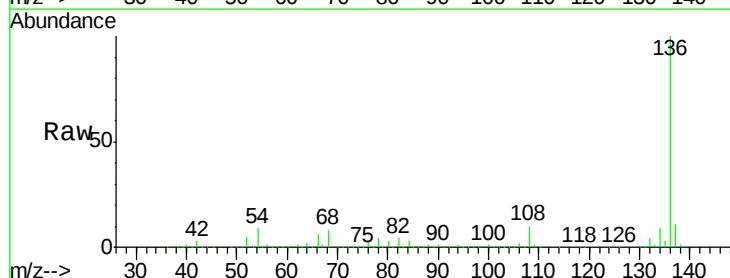
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 9.4 4.5 6.7#

68 7.7 3.6 5.4#

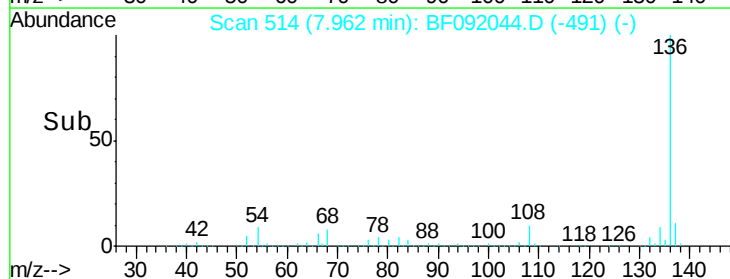
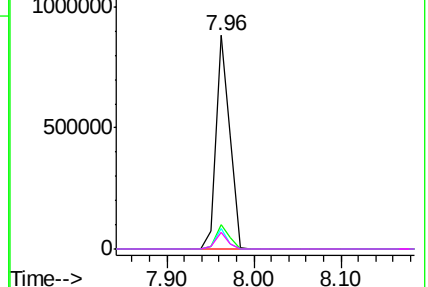


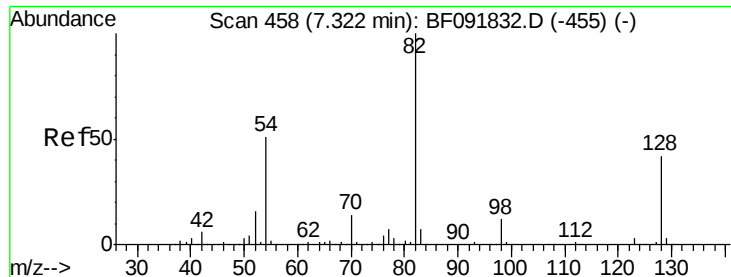
Abundance Ion 136.00 (135.70 to 136.70): E

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

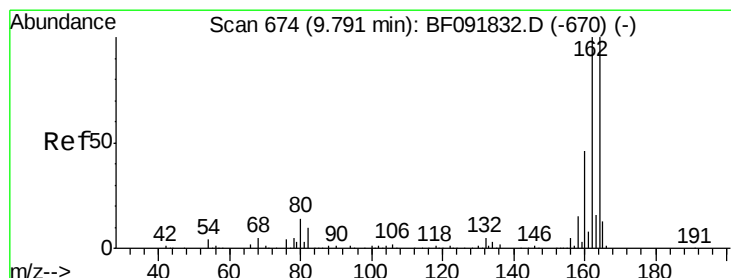
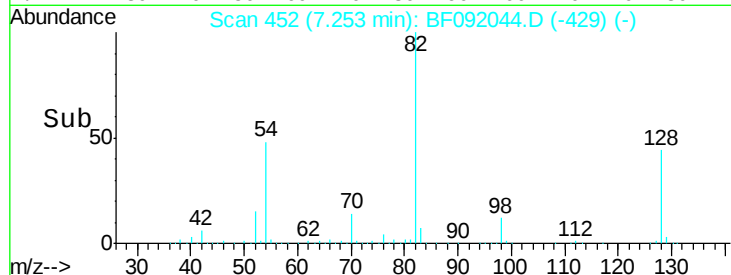
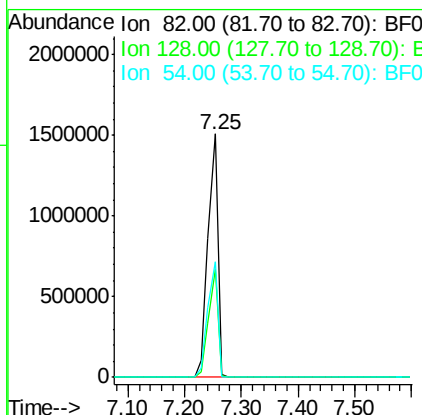
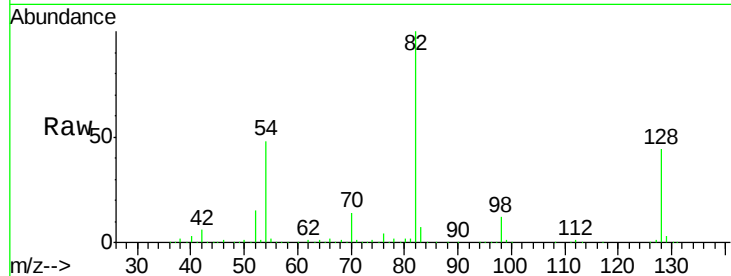




#23
 Nitrobenzene-d5
 Concen: 96.90 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.03 min
 Lab File: BF092044.D
 Acq: 30 Dec 2016 14:01

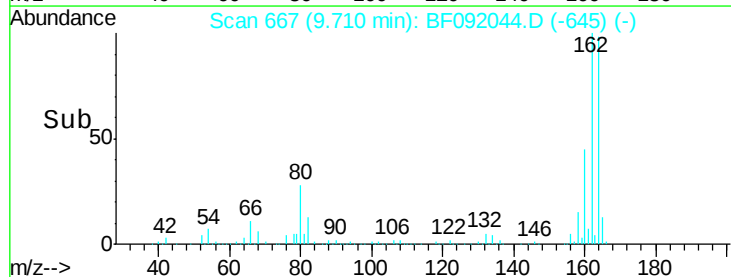
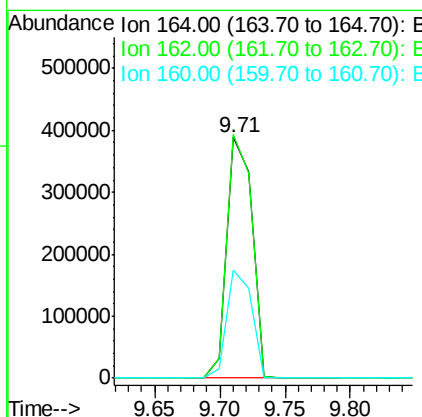
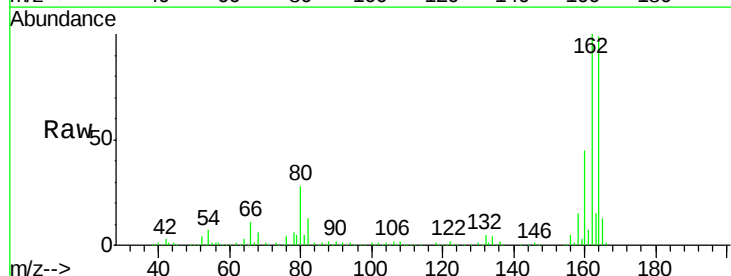
Instrument :
 BNA_F
 ClientSampleId :
 W-4(55-57)

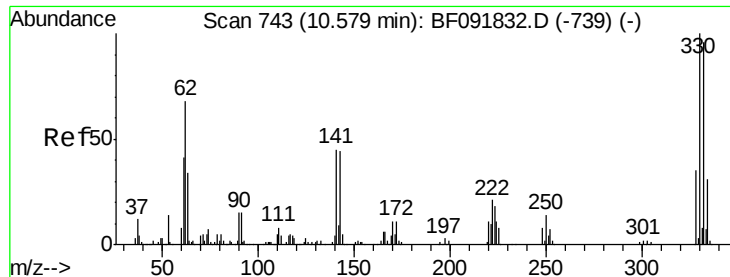
Tot Ion: 82 Resp: 1719678
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.6 52.0
 54 47.7 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.05 min
 Lab File: BF092044.D
 Acq: 30 Dec 2016 14:01

Tgt Ion:164 Resp: 519242
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.2 120.2
 160 45.1 36.9 55.3

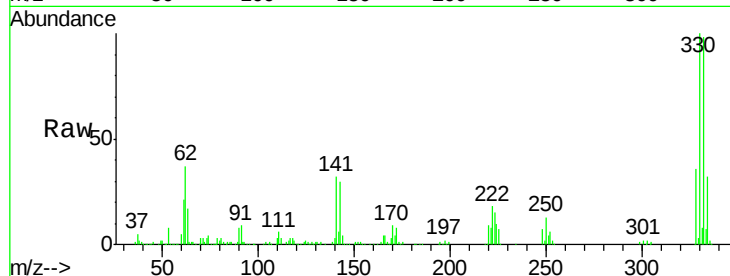




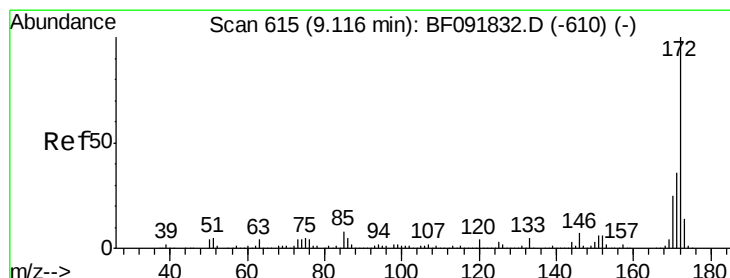
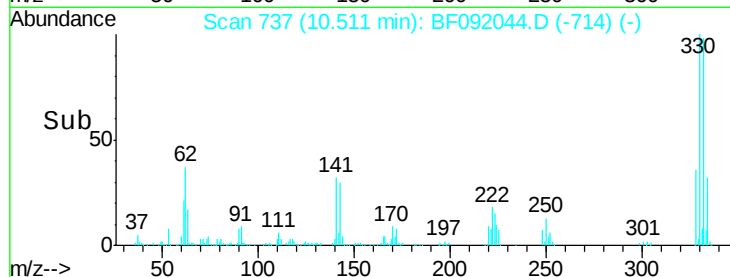
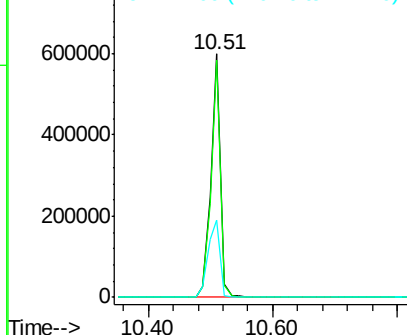
#41
 2,4,6-Tribromophenol
 Concen: 147.11 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.03 min
 Lab File: BF092044.D
 Acq: 30 Dec 2016 14:01

Instrument :
 BNA_F
 ClientSampleId :
 W-4(55-57)

Tot Ion:330 Resp: 632159
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 39.7 34.1 51.1

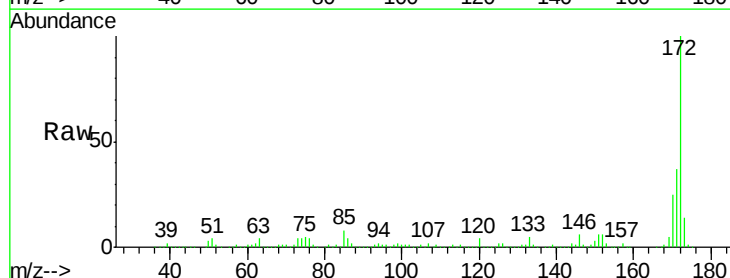


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

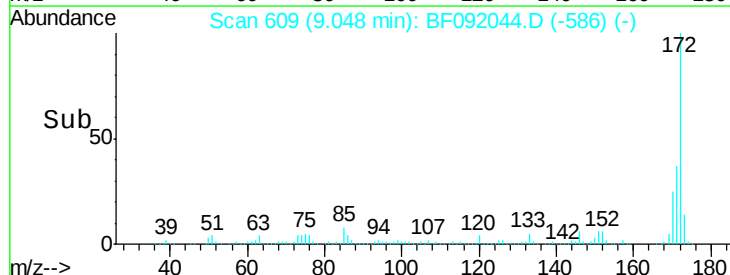
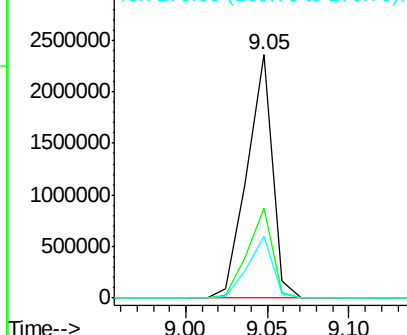


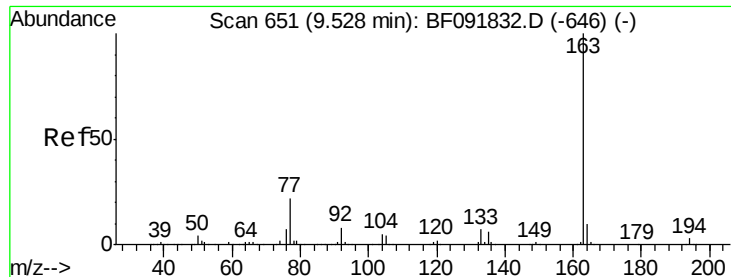
#44
 2-Fluorobiphenyl
 Concen: 103.30 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF092044.D
 Acq: 30 Dec 2016 14:01

Tgt Ion:172 Resp: 2547366
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 25.4 20.2 30.4



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

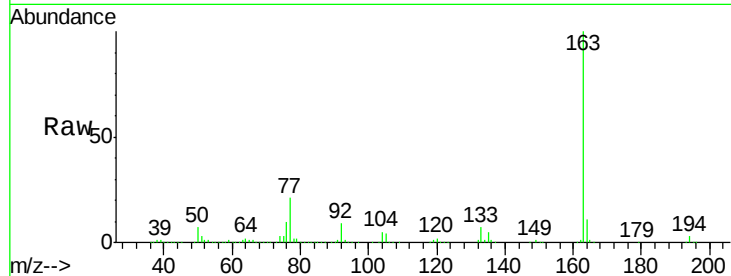




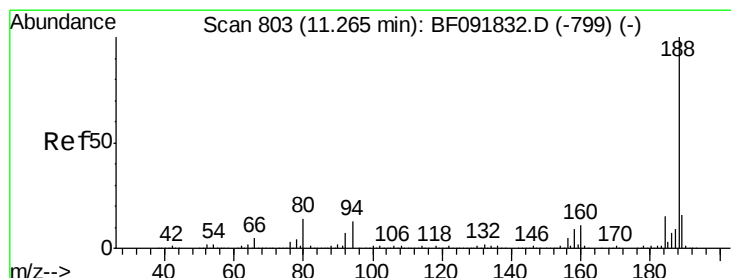
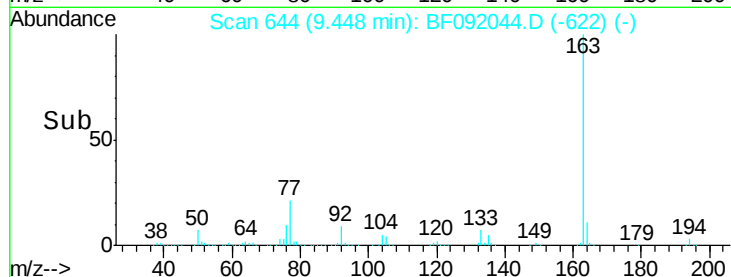
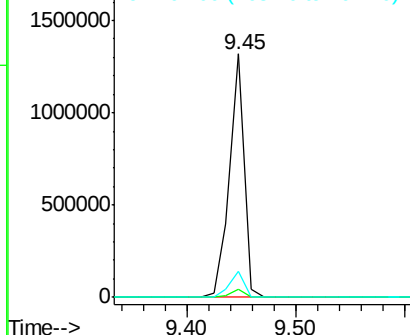
#49
Dimethylphthalate
Concen: 37.04 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.05 min
Lab File: BF092044.D
Acq: 30 Dec 2016 14:01

Instrument :
BNA_F
ClientSampleId :
W-4(55-57)

Tot Ion:163 Resp: 1230229
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.6 8.0 12.0

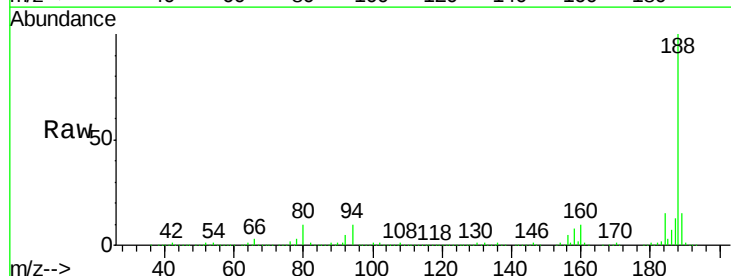


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

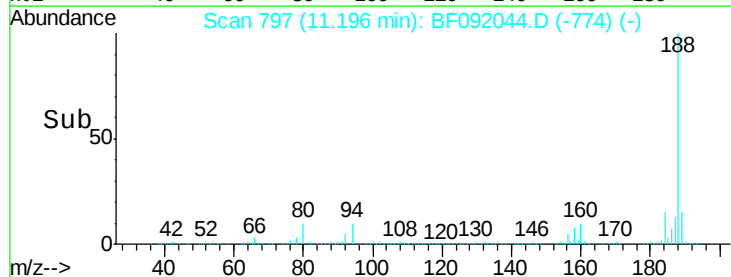
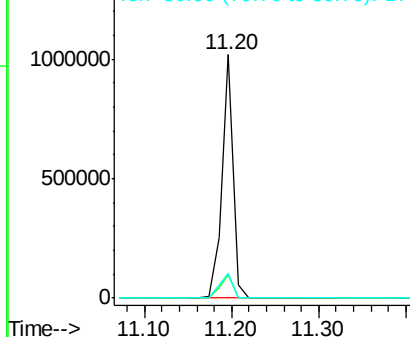


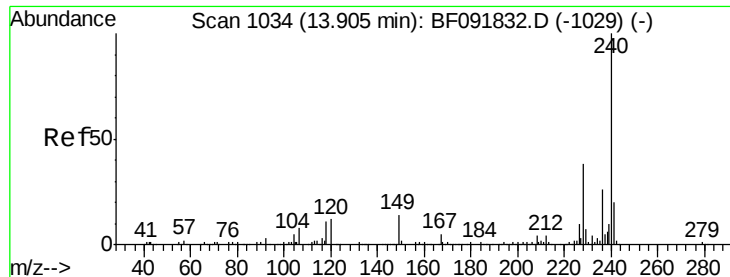
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF092044.D
Acq: 30 Dec 2016 14:01

Tgt Ion:188 Resp: 923566
Ion Ratio Lower Upper
188 100
94 9.8 10.0 15.0#
80 10.2 11.2 16.8#



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: 13.83 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BF092044.D

Acq: 30 Dec 2016 14:01

Instrument :

BNA_F

ClientSampleId :

W-4(55-57)

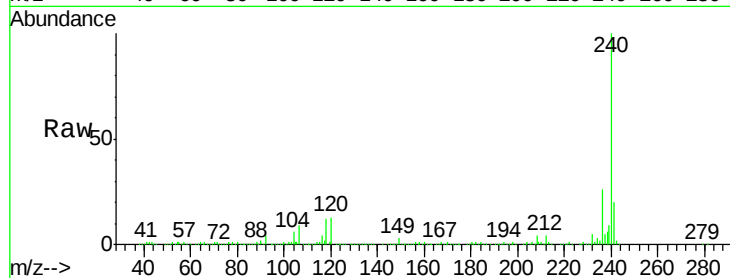
Tot Ion:240 Resp: 750081

Ion Ratio Lower Upper

240 100

120 13.4 12.9 19.3

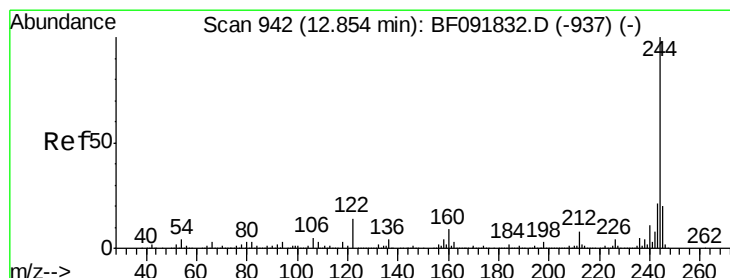
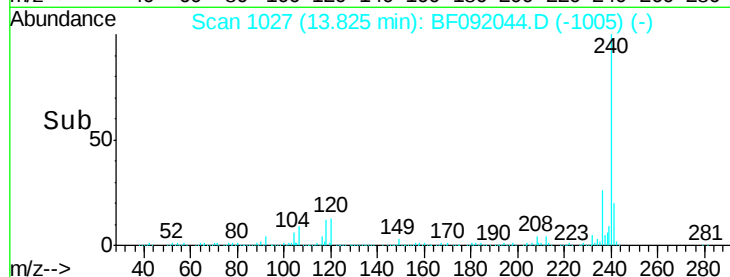
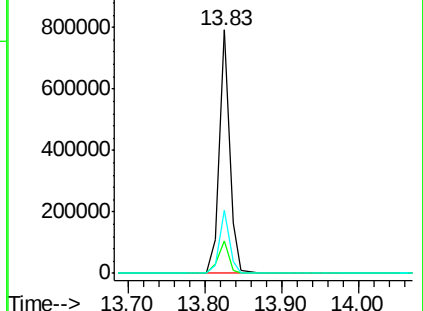
236 25.9 20.9 31.3



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: 71.29 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF092044.D

Acq: 30 Dec 2016 14:01

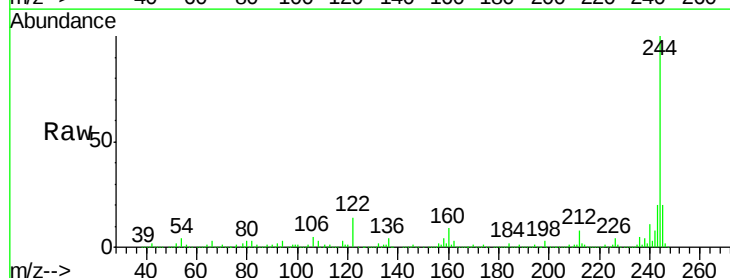
Tgt Ion:244 Resp: 2204902

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

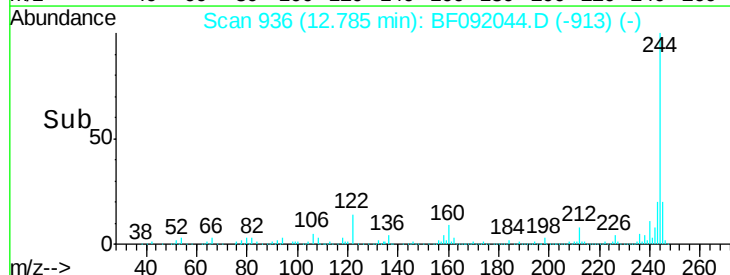
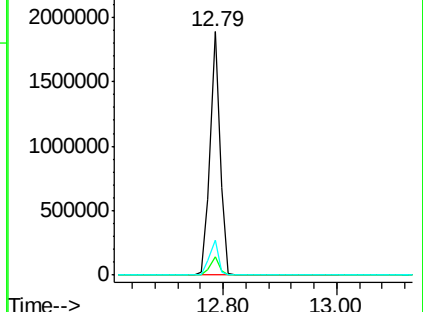
122 14.4 11.4 17.2

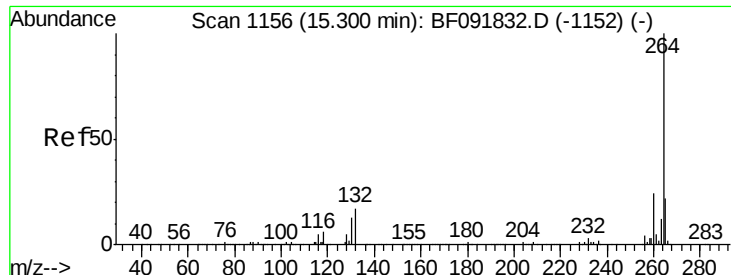


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

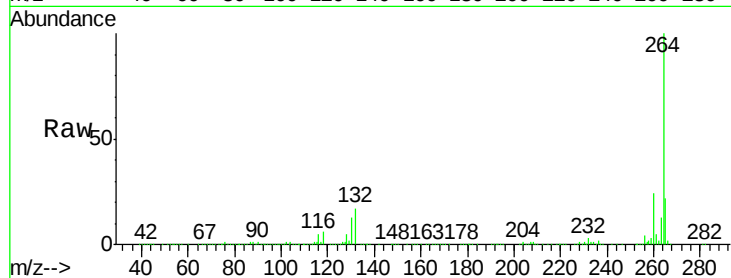




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.05 min
 Lab File: BF092044.D
 Acq: 30 Dec 2016 14:01

Instrument :
 BNA_F
 ClientSampleId :
 W-4(55-57)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.1	17.4	26.0



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

