

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086942.D
 Acq On : 12 May 2016 20:52
 Operator : UM/SJ
 Sample : H2968-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-04

Quant Time: May 13 01:48:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 00:58:18 2016
 Response via : Initial Calibration

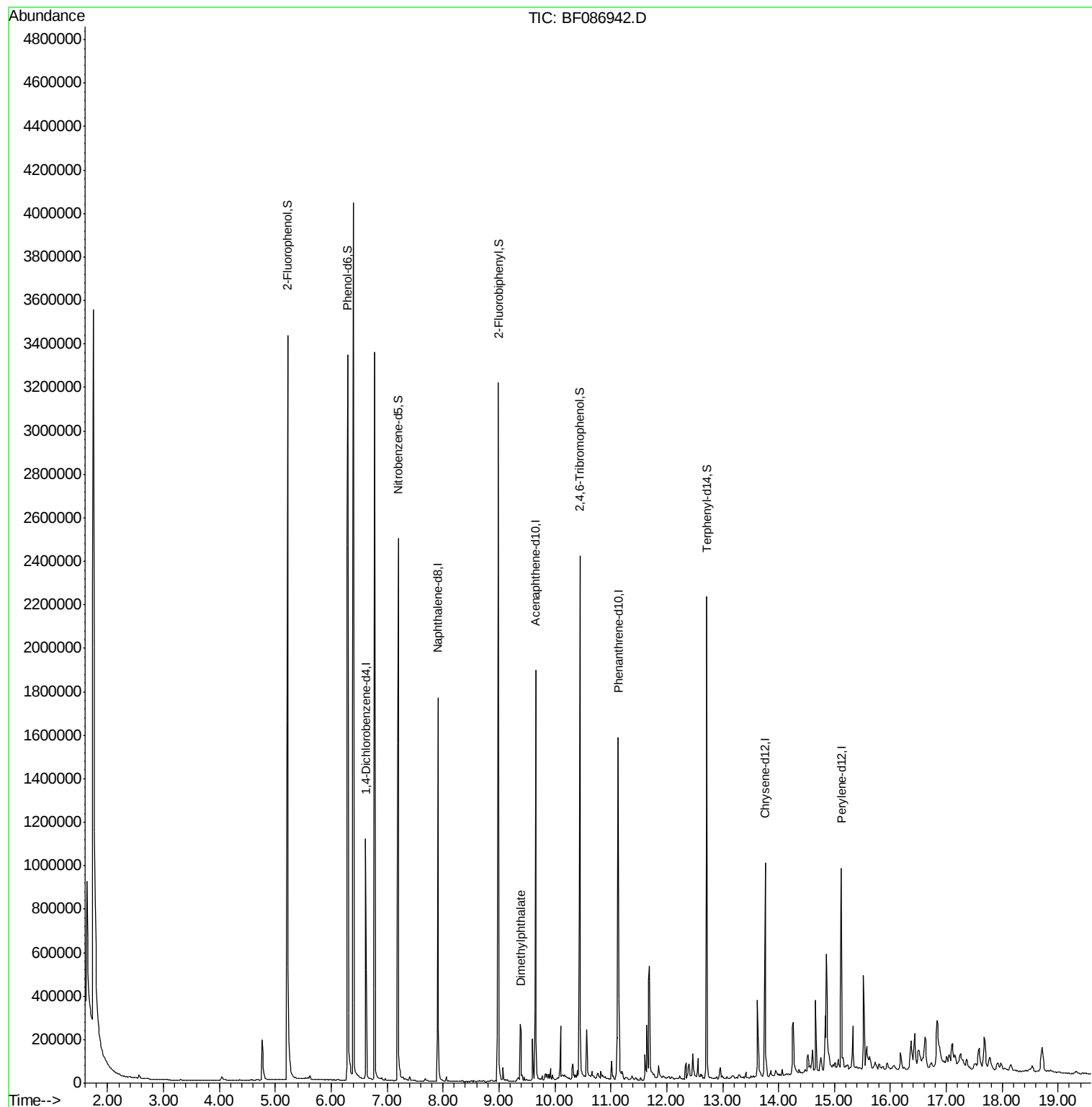
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	168536	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	714283	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	335192	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	520355	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	358230	20.00	ng	-0.01
86) Perylene-d12	15.12	264	372291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1016821	102.17	ng	0.01
7) Phenol-d6	6.30	99	1403540	105.53	ng	0.00
23) Nitrobenzene-d5	7.20	82	953057	67.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	257485	72.56	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	1323938	66.38	ng	0.00
78) Terphenyl-d14	12.72	244	788889	46.72	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	132917	5.20	ng	Qvalue # 98

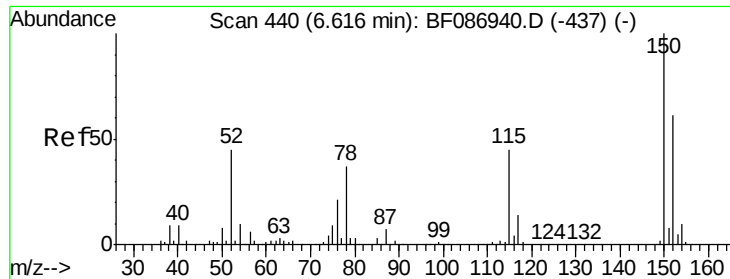
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086942.D
Acq On : 12 May 2016 20:52
Operator : UM/SJ
Sample : H2968-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-04

Quant Time: May 13 01:48:09 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 00:58:18 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF086942.D

Acq: 12 May 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SS-04

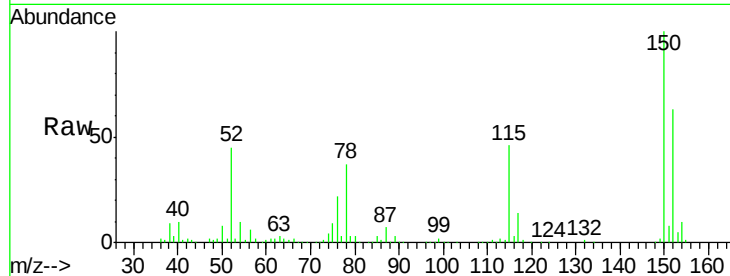
Tgt Ion:152 Resp: 168536

Ion Ratio Lower Upper

152 100

150 159.0 125.8 188.6

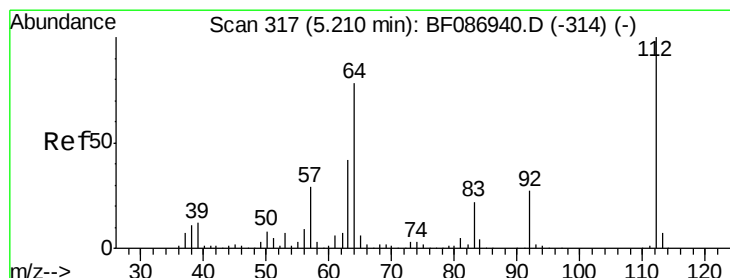
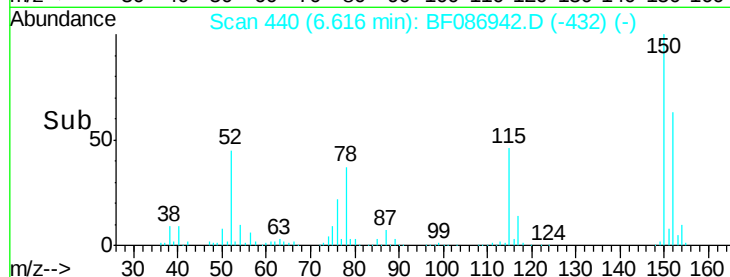
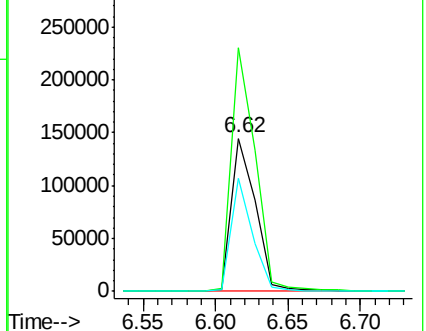
115 73.8 51.5 77.3



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: 102.17 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF086942.D

Acq: 12 May 2016 20:52

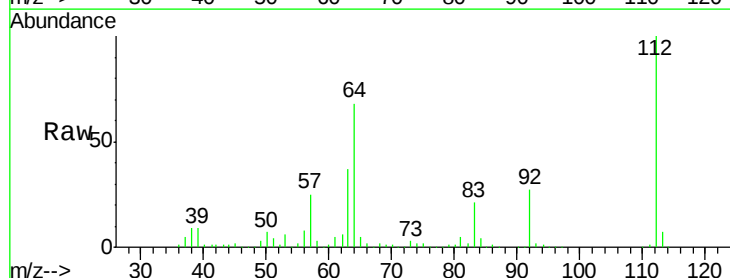
Tgt Ion:112 Resp: 1016821

Ion Ratio Lower Upper

112 100

64 68.1 52.1 78.1

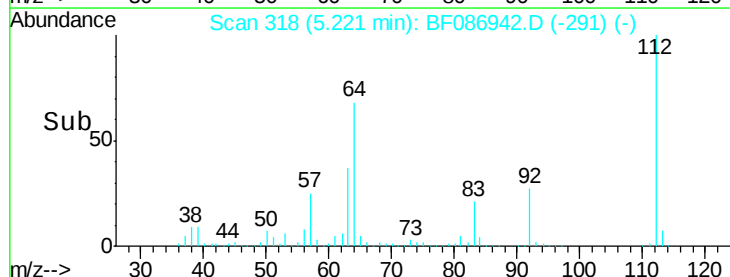
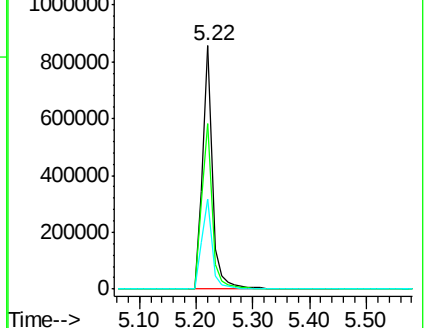
63 37.0 25.7 38.5

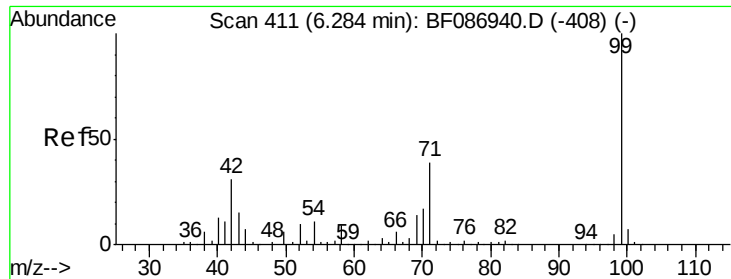


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.53 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF086942.D

Acq: 12 May 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SS-04

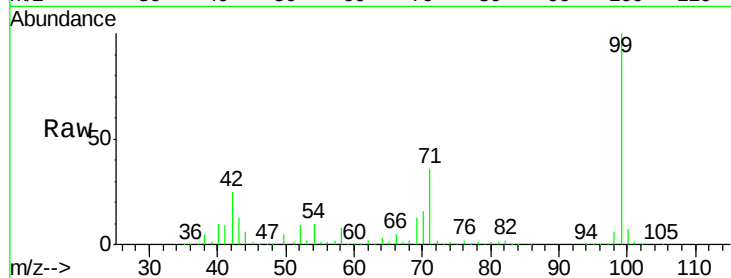
Tgt Ion: 99 Resp: 1403540

Ion Ratio Lower Upper

99 100

42 25.0 13.6 20.4#

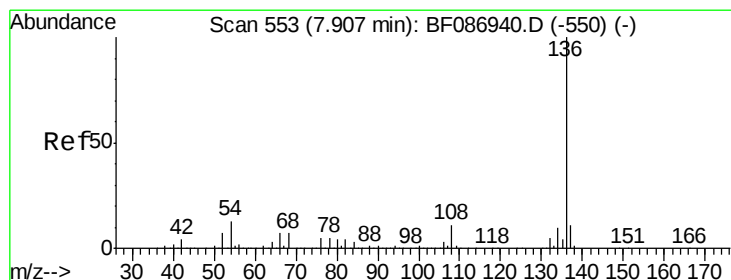
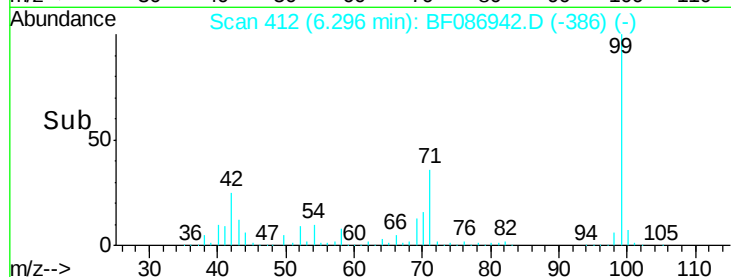
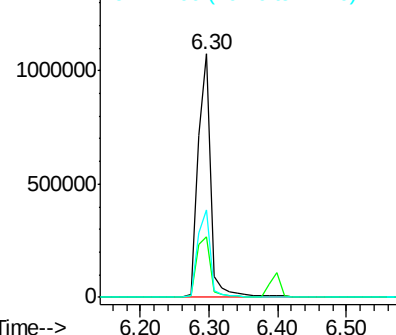
71 35.8 24.6 36.8



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: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF086942.D

Acq: 12 May 2016 20:52

Tgt Ion: 136 Resp: 714283

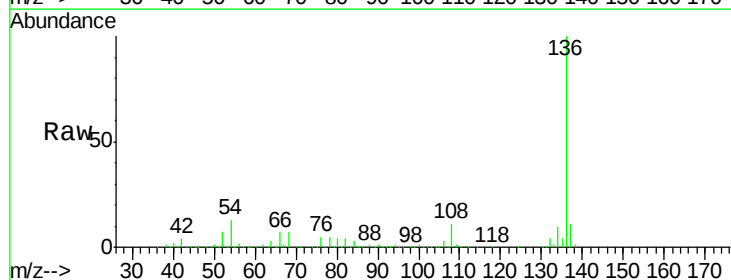
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 13.2 5.0 7.4#

68 7.0 4.4 6.6#

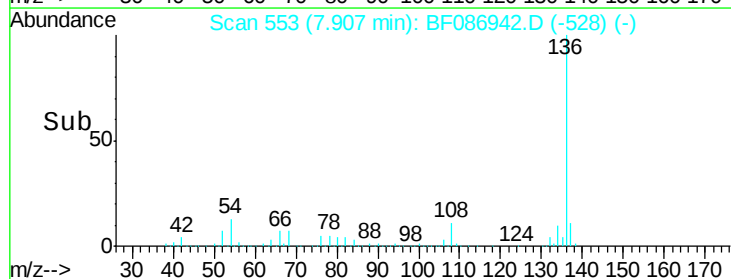
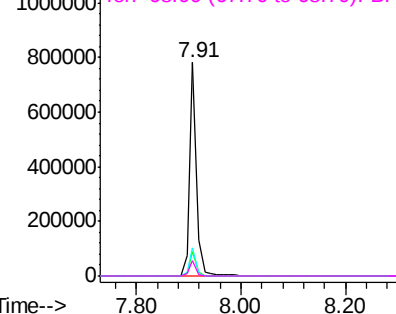


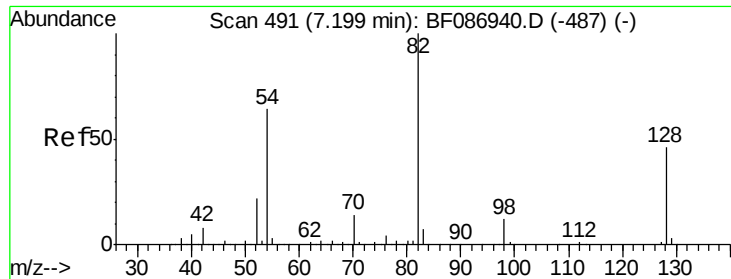
Abundance Ion 136.00 (135.70 to 136.70): E

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

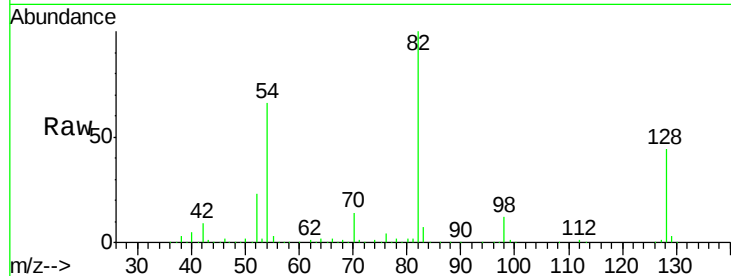




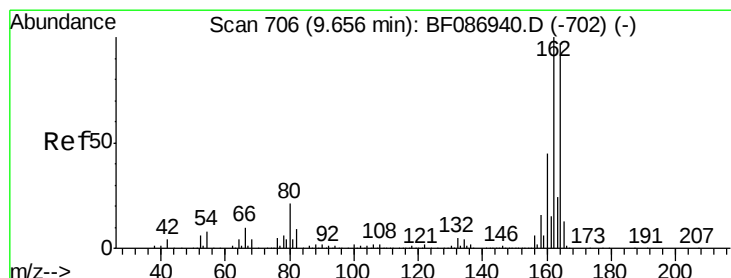
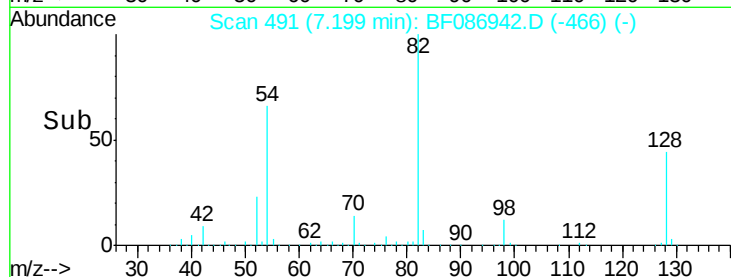
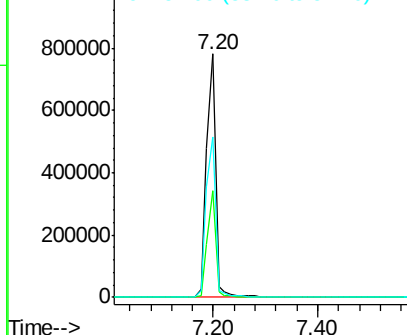
#23
 Nitrobenzene-d5
 Concen: 67.00 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF086942.D
 Acq: 12 May 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 SS-04

Tgt Ion: 82 Resp: 953057
 Ion Ratio Lower Upper
 82 100
 128 43.8 40.6 61.0
 54 65.8 38.1 57.1#

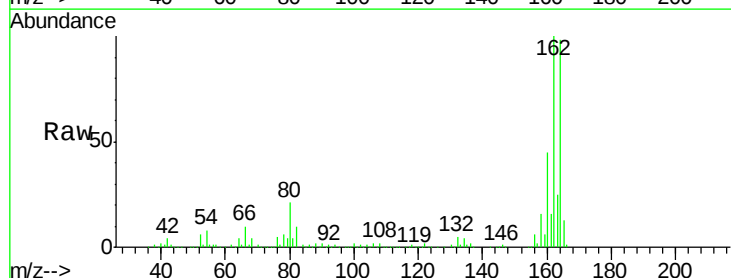


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

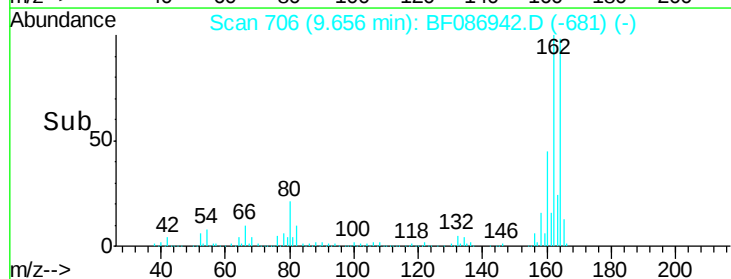
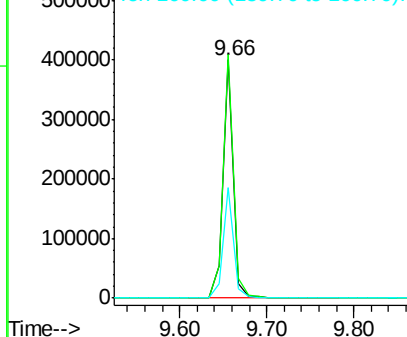


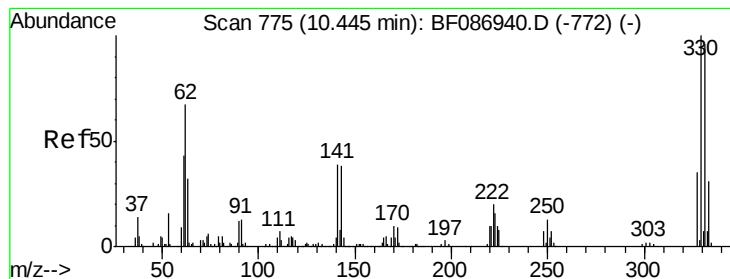
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF086942.D
 Acq: 12 May 2016 20:52

Tgt Ion: 164 Resp: 335192
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.8 124.2
 160 46.5 36.9 55.3



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: 72.56 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF086942.D

Acq: 12 May 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SS-04

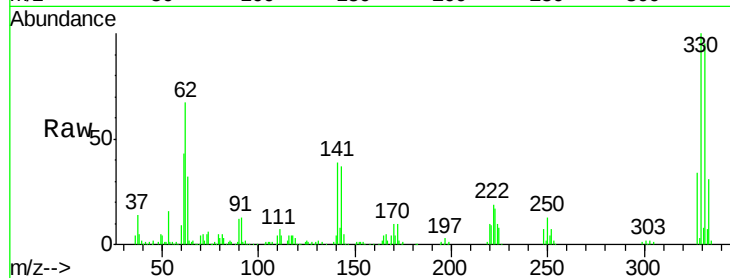
Tgt Ion:330 Resp: 257485

Ion Ratio Lower Upper

330 100

332 95.3 79.0 118.4

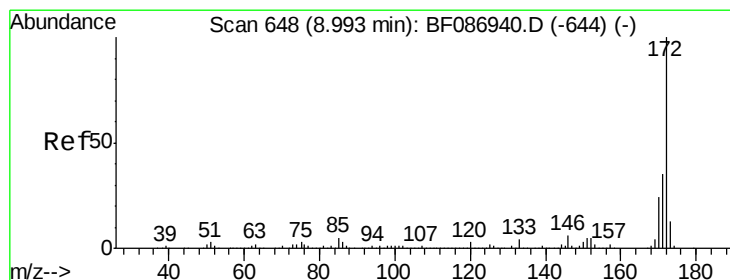
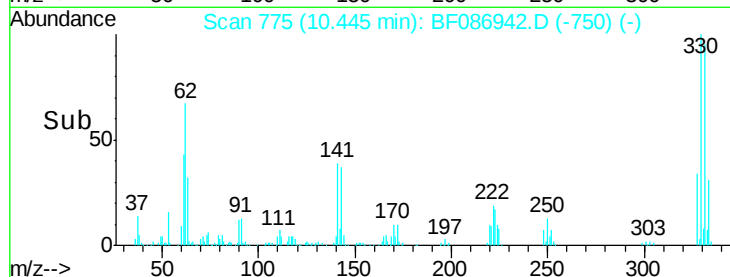
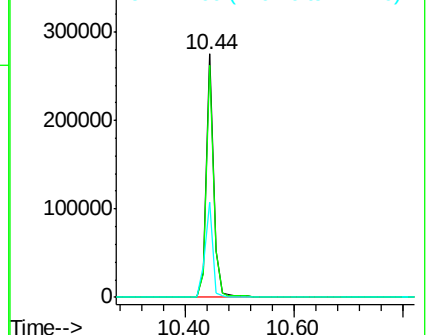
141 41.4 31.2 46.8



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: 66.38 ng

RT: 8.99 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF086942.D

Acq: 12 May 2016 20:52

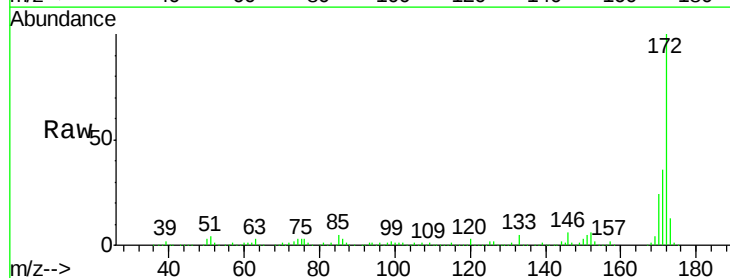
Tgt Ion:172 Resp: 1323938

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.6

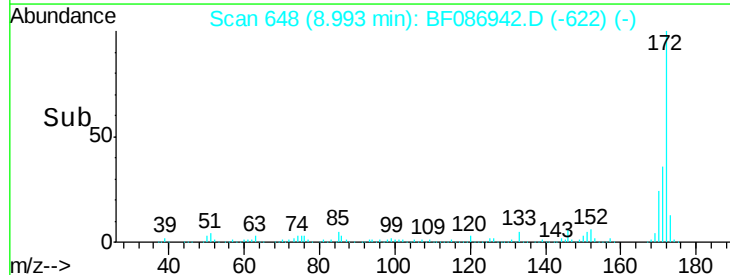
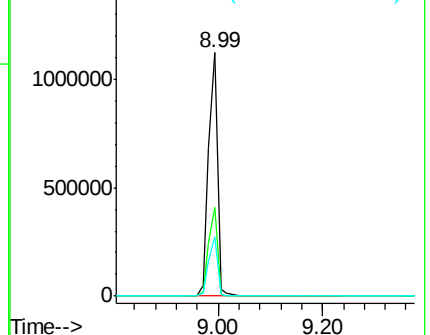
170 24.4 19.8 29.8

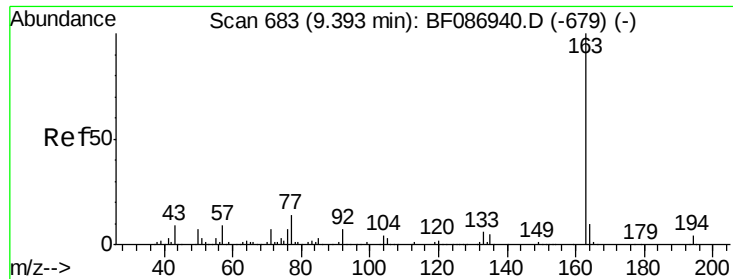


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

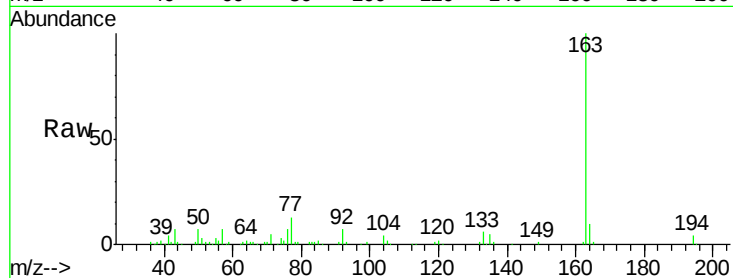




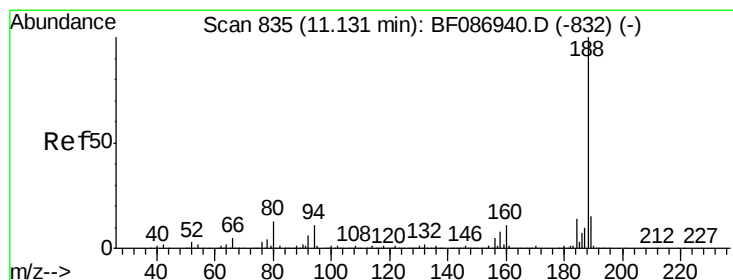
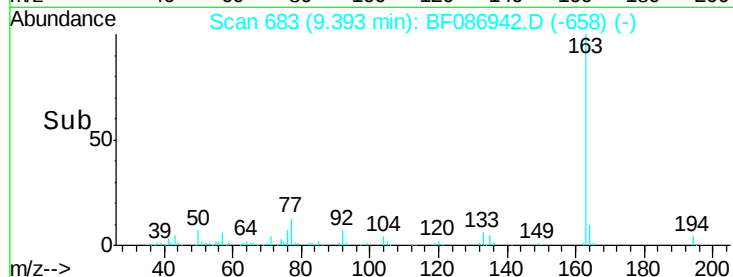
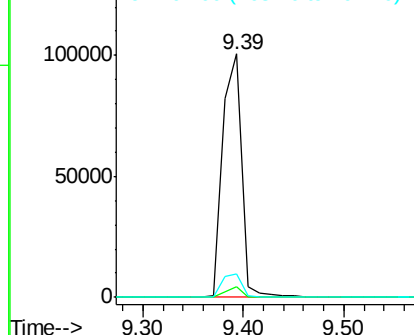
#49
Dimethylphthalate
Concen: 5.20 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF086942.D
Acq: 12 May 2016 20:52

Instrument :
BNA_F
ClientSampled :
SS-04

Tgt Ion:163 Resp: 132917
Ion Ratio Lower Upper
163 100
194 4.1 2.6 4.0#
164 9.7 8.2 12.4

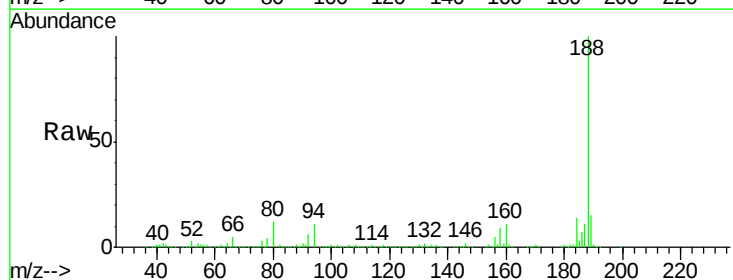


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

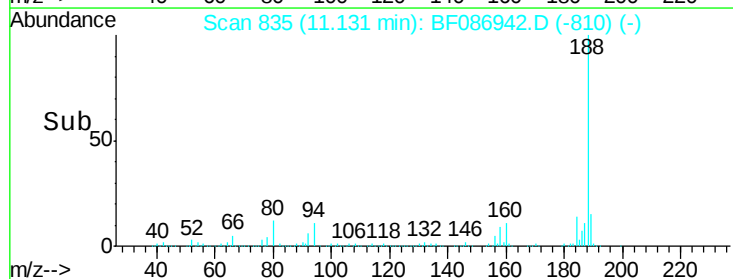
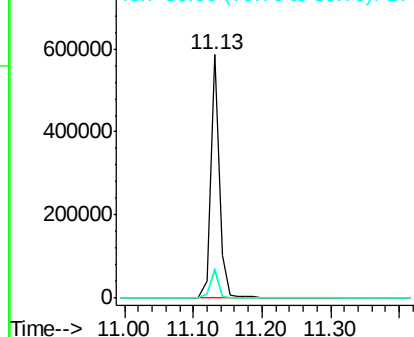


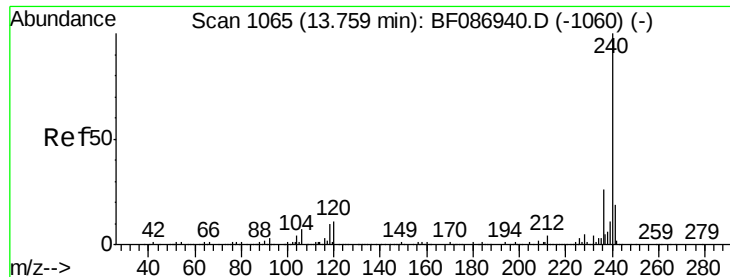
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF086942.D
Acq: 12 May 2016 20:52

Tgt Ion:188 Resp: 520355
Ion Ratio Lower Upper
188 100
94 11.1 6.8 10.2#
80 12.3 7.1 10.7#



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: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF086942.D

Acq: 12 May 2016 20:52

Instrument :

BNA_F

ClientSampleId :

SS-04

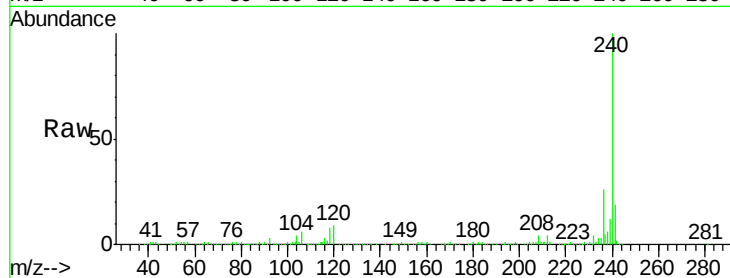
Tgt Ion:240 Resp: 358230

Ion Ratio Lower Upper

240 100

120 9.4 11.2 16.8#

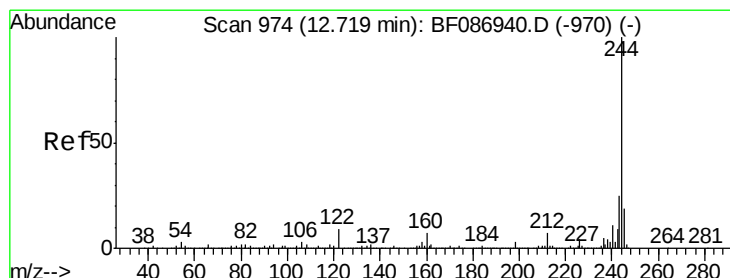
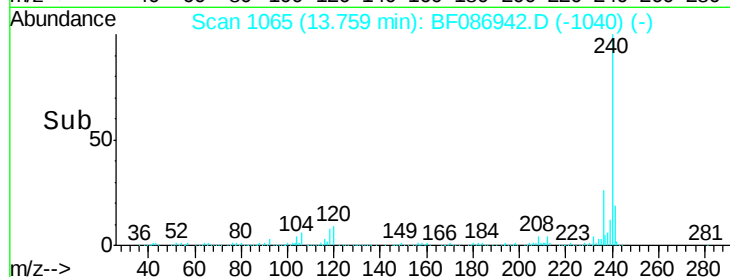
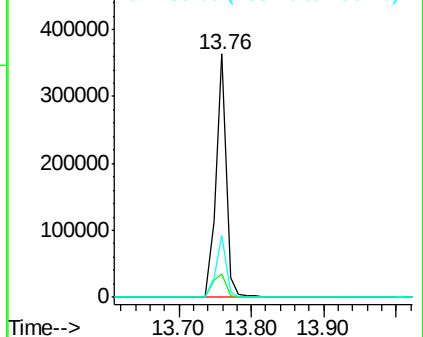
236 25.5 21.2 31.8



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: 46.72 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF086942.D

Acq: 12 May 2016 20:52

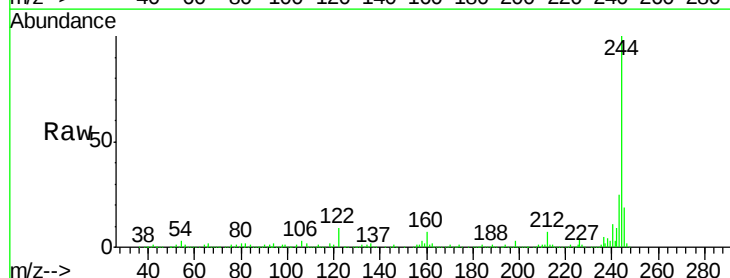
Tgt Ion:244 Resp: 788889

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

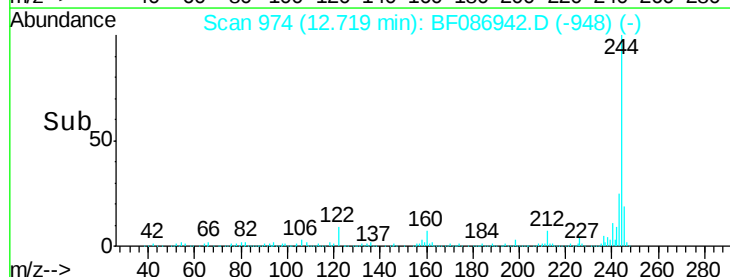
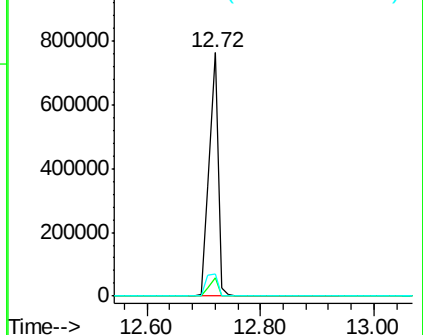
122 8.9 12.0 18.0#

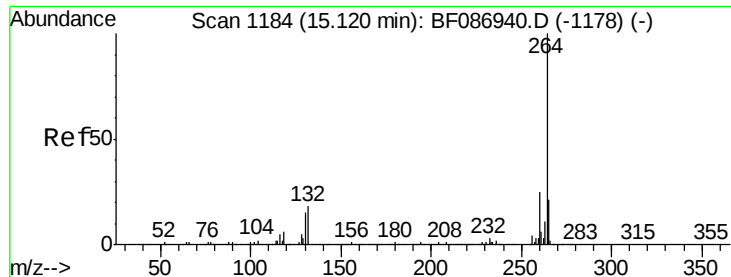


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.12 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF086942.D
Acq: 12 May 2016 20:52

Instrument :
BNA_F
ClientSampleId :
SS-04

Tgt Ion: 264 Resp: 372291
Ion Ratio Lower Upper
264 100
260 24.8 19.5 29.3
265 21.7 17.3 25.9

