

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091645.D
 Acq On : 15 Dec 2016 23:00
 Operator : UM/SJ
 Sample : H5940-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS05-0-2IN

Quant Time: Dec 16 01:24:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

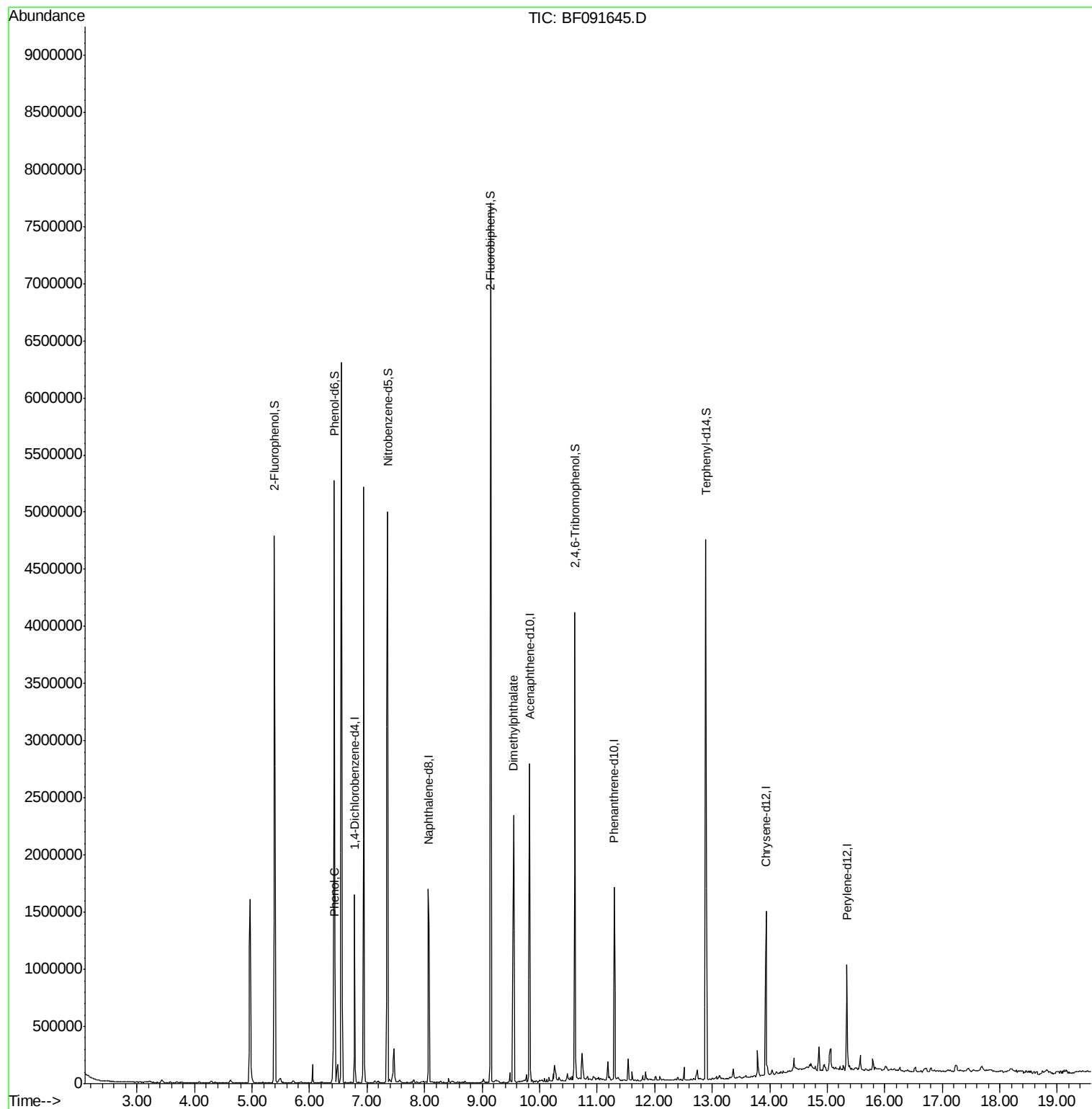
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	216279	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	1102314	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	547203	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	683505	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	612134	20.00	ng	0.00
86) Perylene-d12	15.35	264	447720	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1777973	138.50	ng	0.01
7) Phenol-d6	6.43	99	2008331	125.49	ng	0.00
23) Nitrobenzene-d5	7.36	82	2155742	109.15	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	486748	107.09	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2263498	71.47	ng	0.00
78) Terphenyl-d14	12.89	244	1603539	59.44	ng	-0.01
Target Compounds						
10) Phenol	6.44	94	56120	3.00	ng	89
49) Dimethylphthalate	9.55	163	1194716	34.48	ng	100

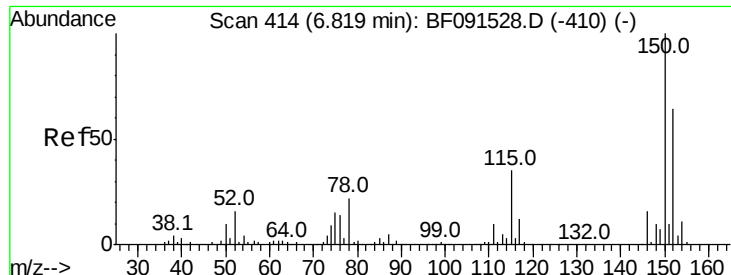
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF091645.D

Acq: 15 Dec 2016 23:00

Instrument :

BNA_F

ClientSampled :

SS05-0-2IN

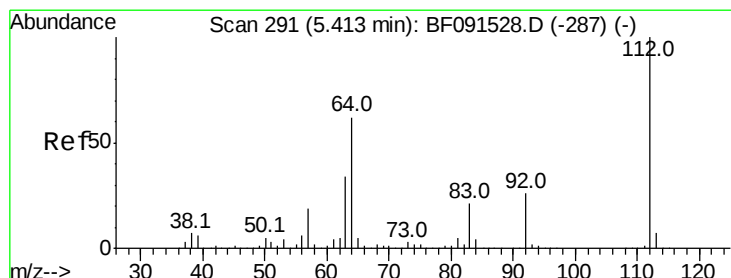
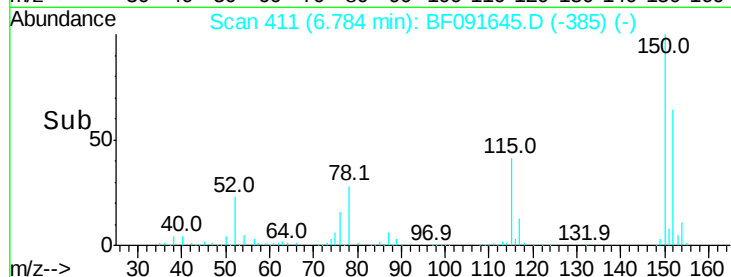
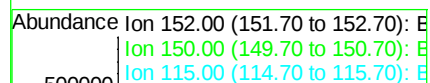
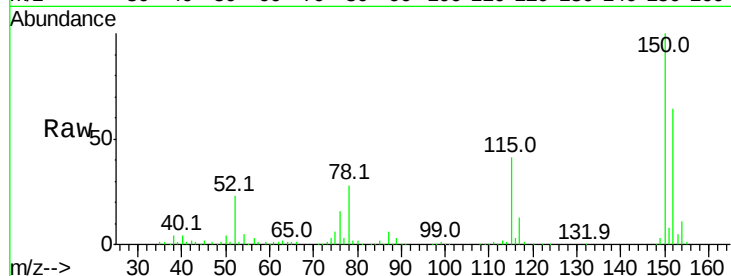
Tot Ion:152 Resp: 216279

Ion Ratio Lower Upper

152 100

150 156.2 122.5 183.7

115 64.2 51.8 77.8



#5

2-Fluorophenol

Concen: 138.50 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF091645.D

Acq: 15 Dec 2016 23:00

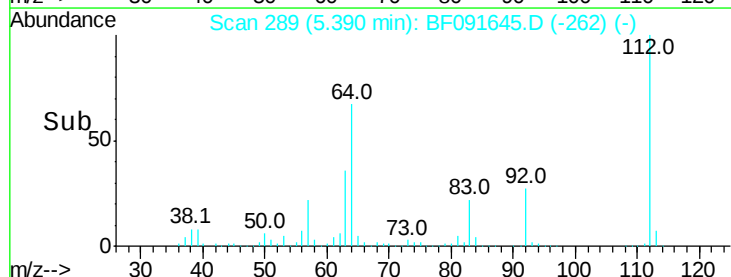
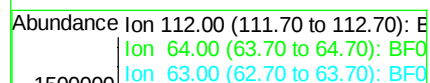
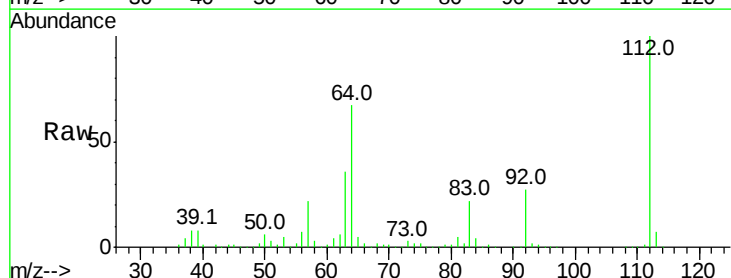
Tgt Ion:112 Resp: 1777973

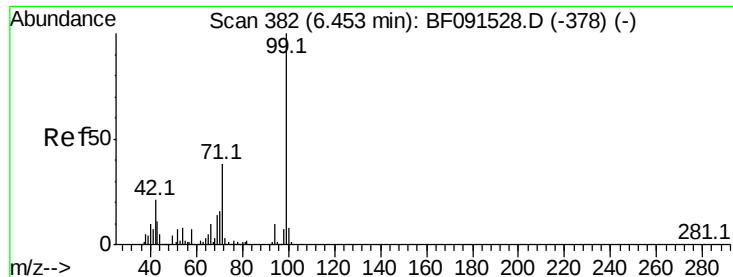
Ion Ratio Lower Upper

112 100

64 67.2 61.5 92.3

63 36.0 33.3 49.9





#7

Phenol-d6

Concen: 125.49 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF091645.D

Acq: 15 Dec 2016 23:00

Instrument :

BNA_F

ClientSampleId :

SS05-0-2IN

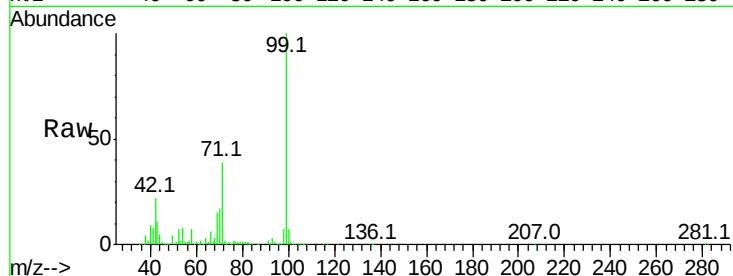
Tot Ion: 99 Resp: 2008331

Ion Ratio Lower Upper

99 100

42 22.0 20.6 31.0

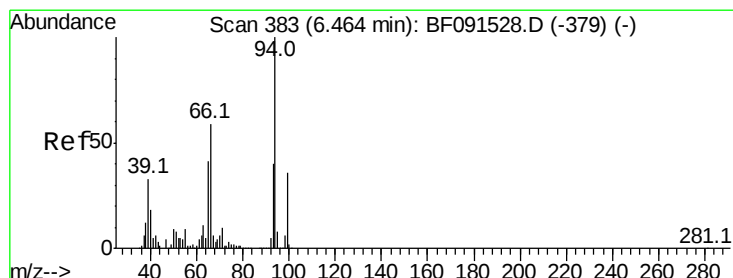
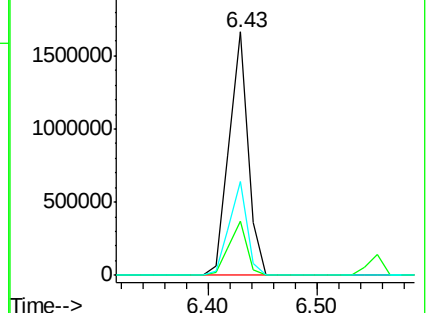
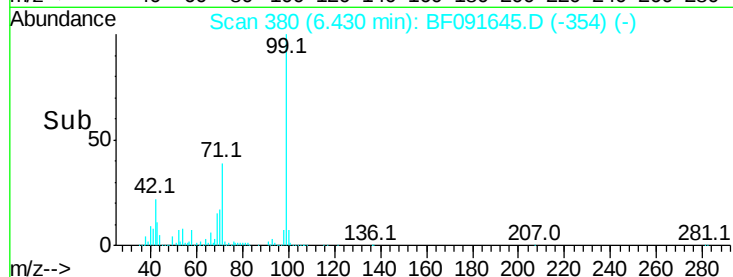
71 38.7 29.9 44.9



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: 3.00 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF091645.D

Acq: 15 Dec 2016 23:00

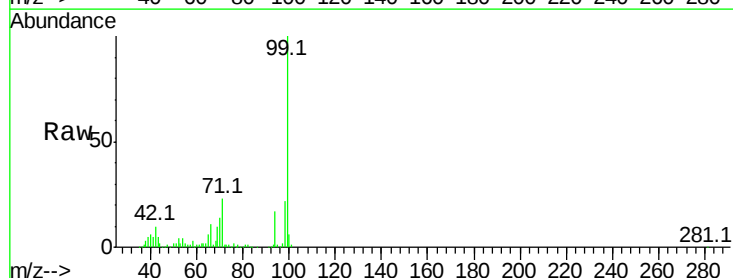
Tgt Ion: 94 Resp: 56120

Ion Ratio Lower Upper

94 100

65 36.1 16.9 56.9

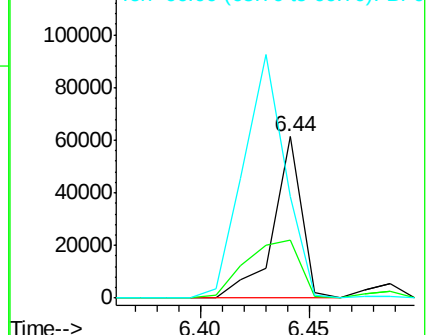
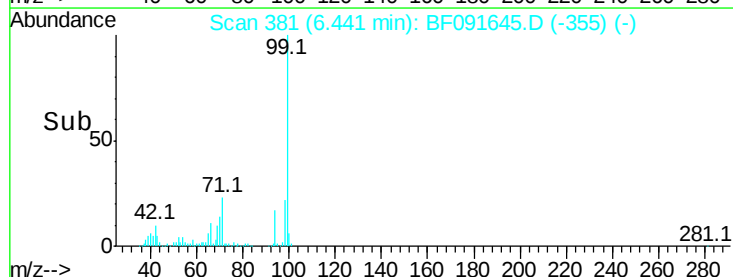
66 62.7 30.6 70.6

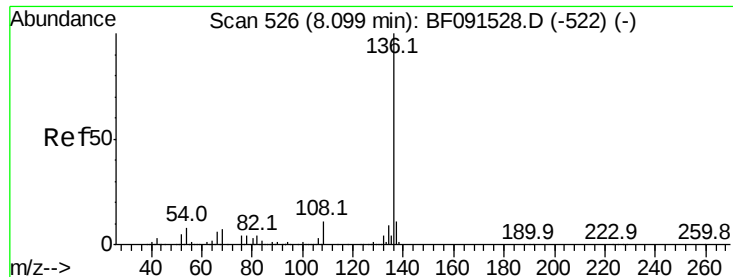


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091645.D

Acq: 15 Dec 2016 23:00

Instrument :

BNA_F

ClientSampleId :

SS05-0-2IN

Tot Ion:136 Resp: 1102314

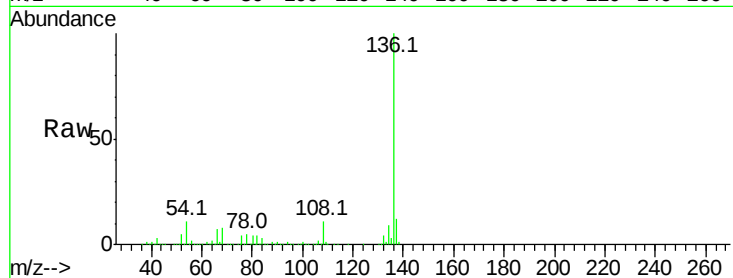
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 10.6 9.1 13.7

68 7.8 5.9 8.9

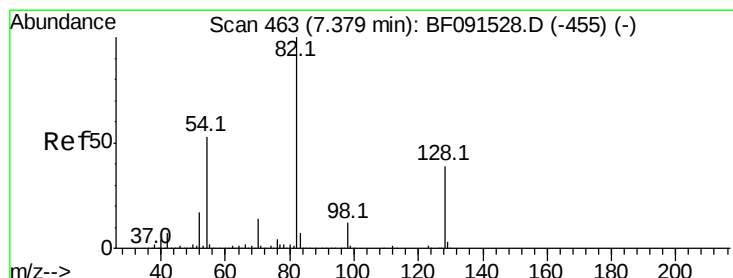
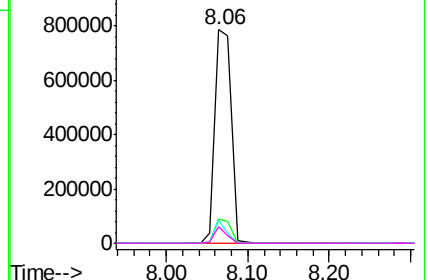
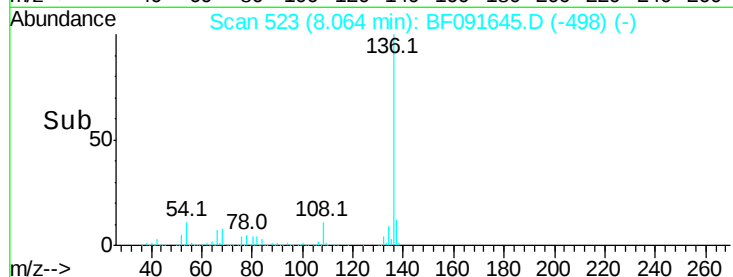


Abundance Ion 136.00 (135.70 to 136.70): E

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: 109.15 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF091645.D

Acq: 15 Dec 2016 23:00

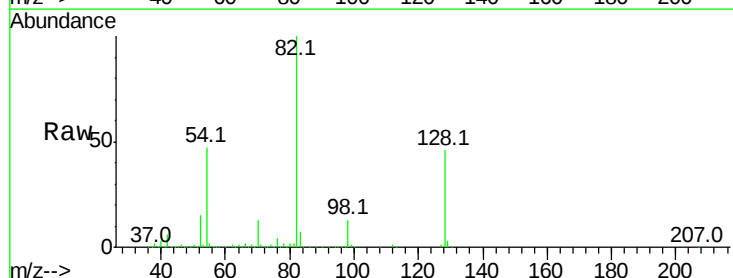
Tgt Ion: 82 Resp: 2155742

Ion Ratio Lower Upper

82 100

128 45.9 31.8 47.6

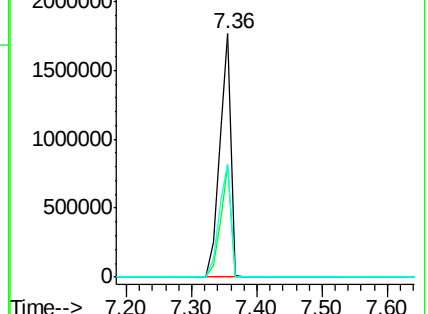
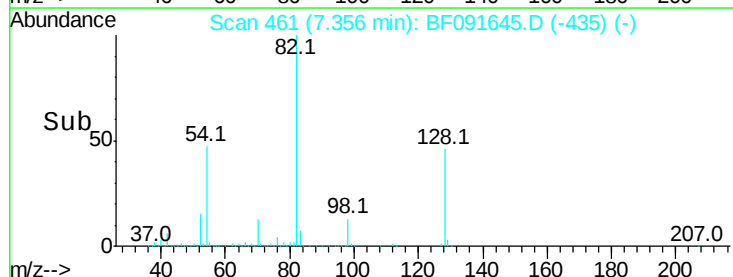
54 46.7 49.1 73.7#

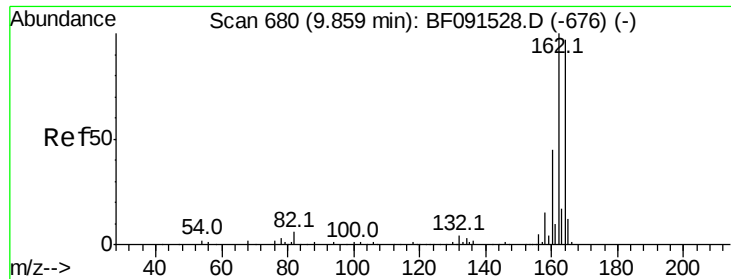


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF091645.D

Acq: 15 Dec 2016 23:00

Instrument :

BNA_F

ClientSampleId :

SS05-0-2IN

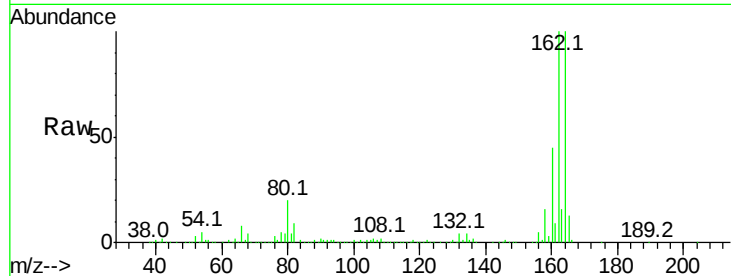
Tot Ion:164 Resp: 547203

Ion Ratio Lower Upper

164 100

162 99.9 82.6 124.0

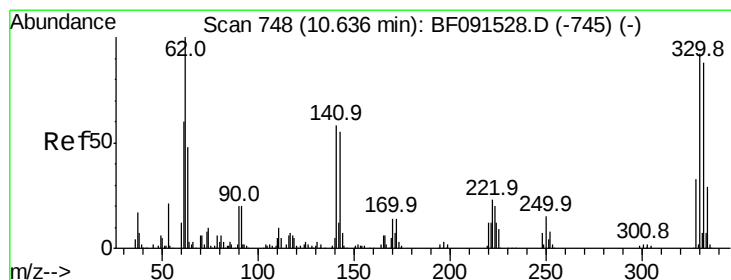
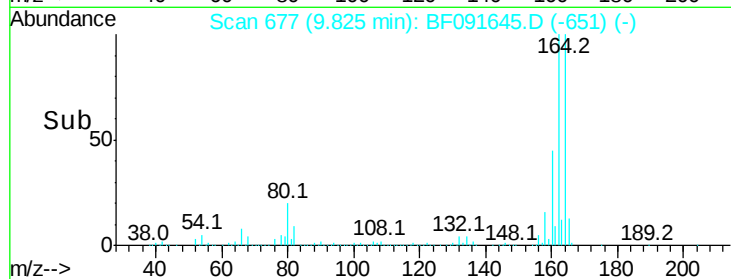
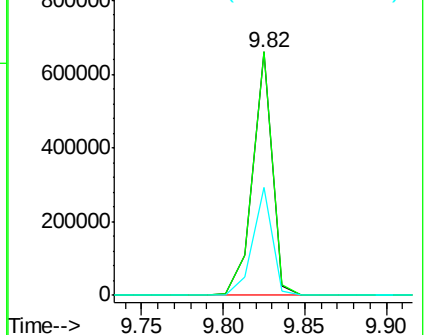
160 44.6 36.7 55.1



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: 107.09 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF091645.D

Acq: 15 Dec 2016 23:00

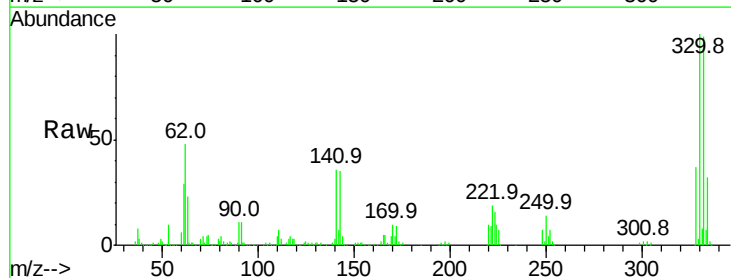
Tgt Ion:330 Resp: 486748

Ion Ratio Lower Upper

330 100

332 98.0 76.2 114.4

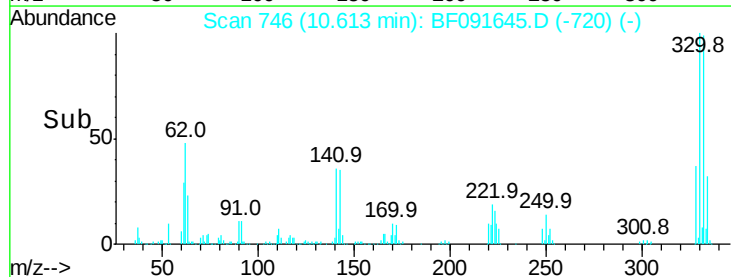
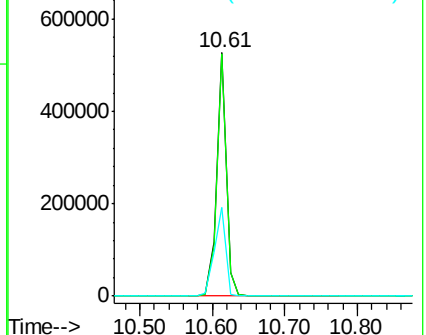
141 42.3 33.6 50.4

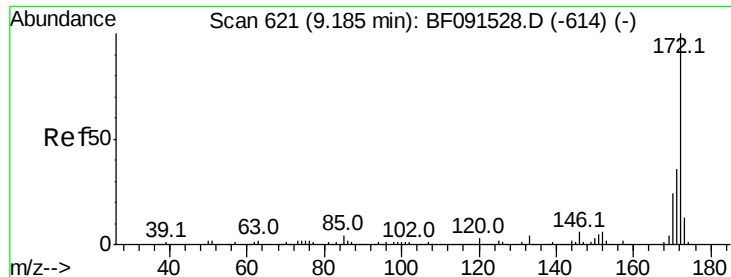


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

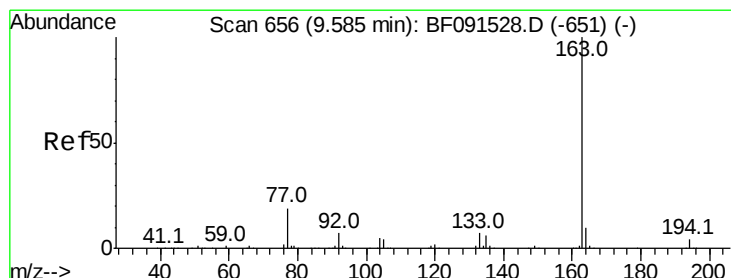
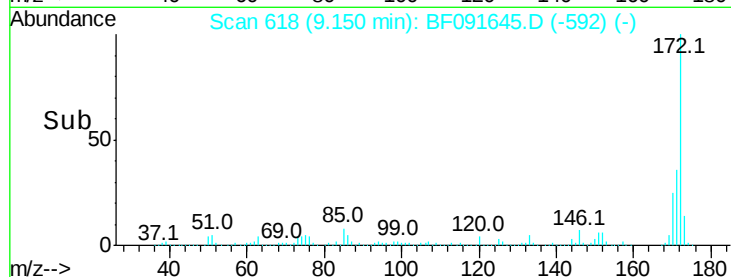
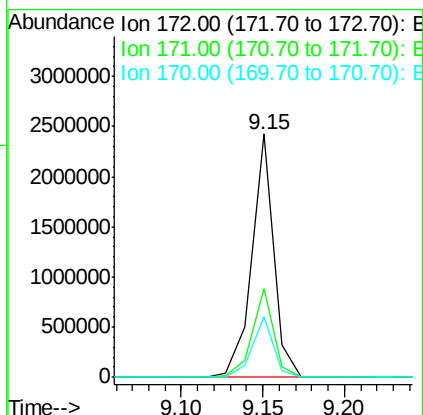
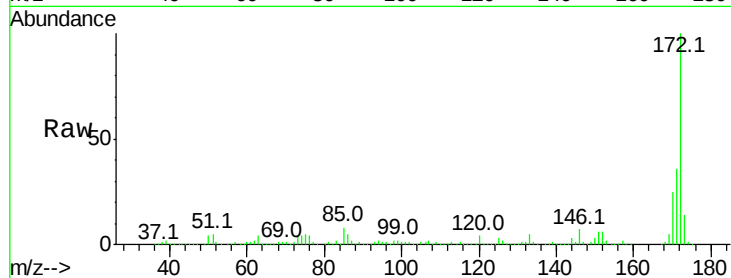




#44
2-Fluorobiphenyl
Concen: 71.47 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF091645.D
Acq: 15 Dec 2016 23:00

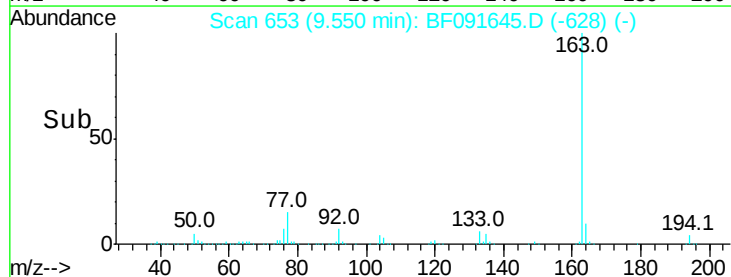
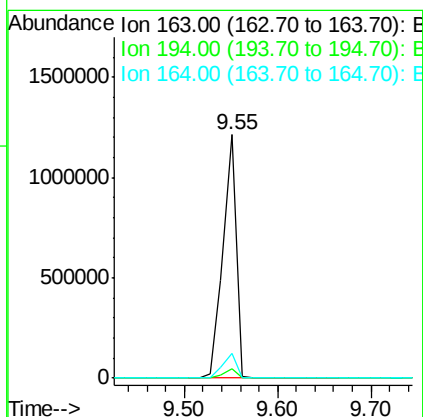
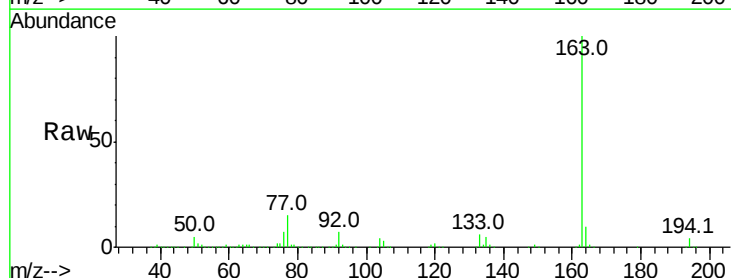
Instrument :
BNA_F
ClientSampleId :
SS05-0-2IN

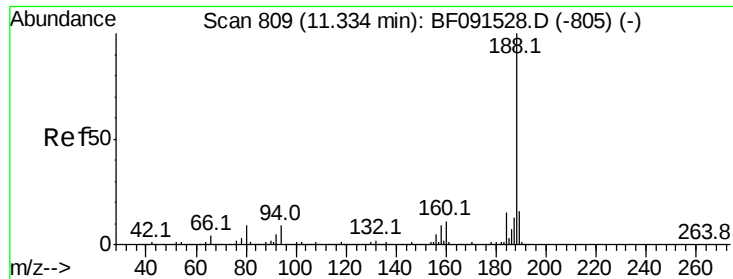
Tot Ion:172 Resp: 2263498
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 25.0 19.7 29.5



#49
Dimethylphthalate
Concen: 34.48 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF091645.D
Acq: 15 Dec 2016 23:00

Tgt Ion:163 Resp: 1194716
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.9 7.8 11.8

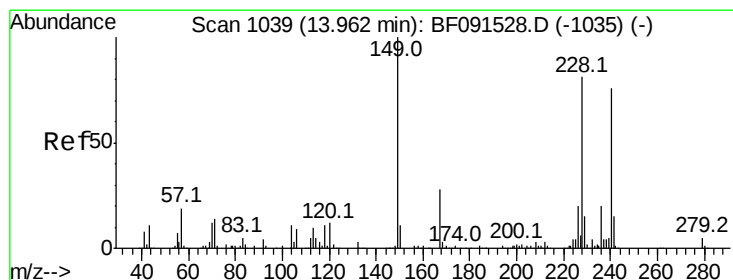
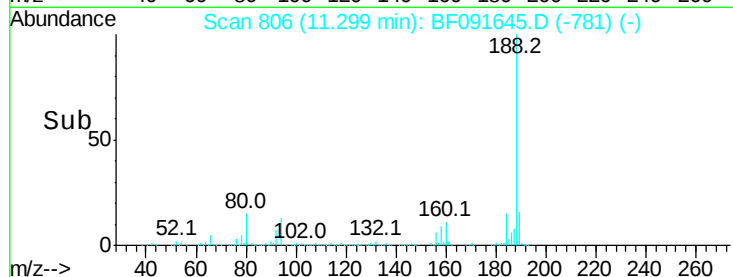
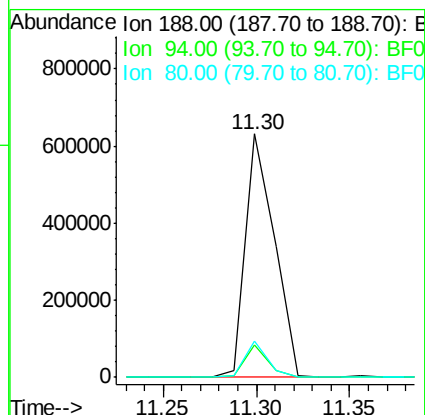
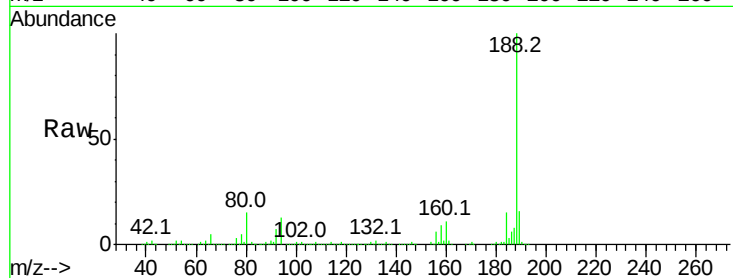




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091645.D
Acq: 15 Dec 2016 23:00

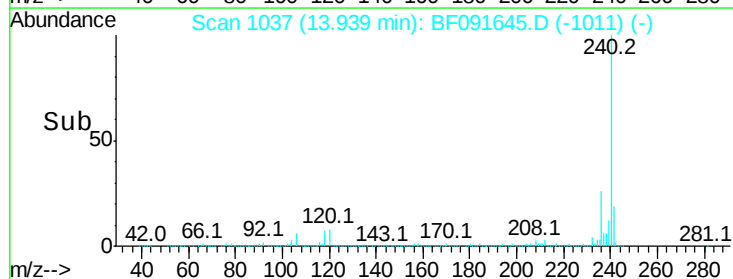
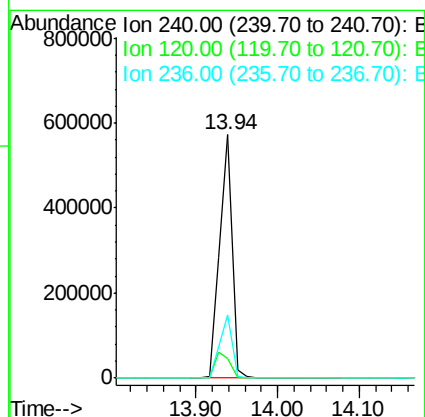
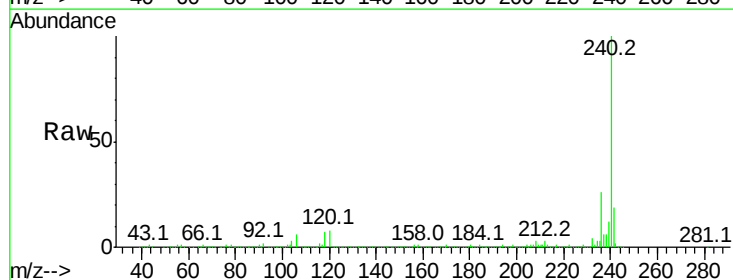
Instrument :
BNA_F
ClientSampleId :
SS05-0-2IN

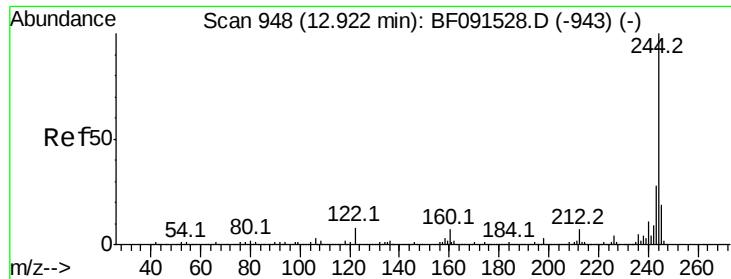
Tot Ion:188 Resp: 683505
Ion Ratio Lower Upper
188 100
94 13.5 9.2 13.8
80 15.0 10.5 15.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF091645.D
Acq: 15 Dec 2016 23:00

Tgt Ion:240 Resp: 612134
Ion Ratio Lower Upper
240 100
120 8.2 12.1 18.1#
236 25.8 21.0 31.6





#78

Terphenyl-d14

Concen: 59.44 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF091645.D

Acq: 15 Dec 2016 23:00

Instrument :

BNA_F

ClientSampleId :

SS05-0-2IN

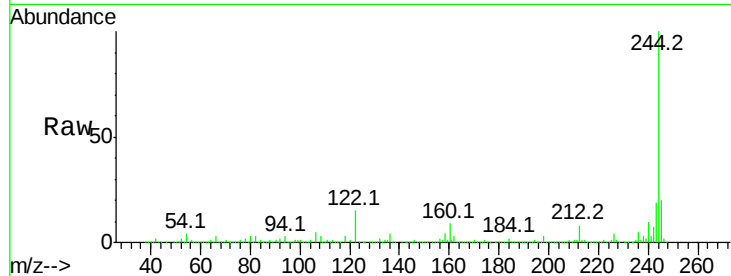
Tot Ion:244 Resp: 1603539

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 14.9 9.5 14.3#



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

12.89

1500000

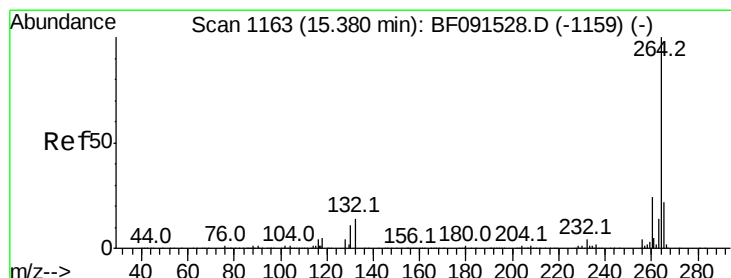
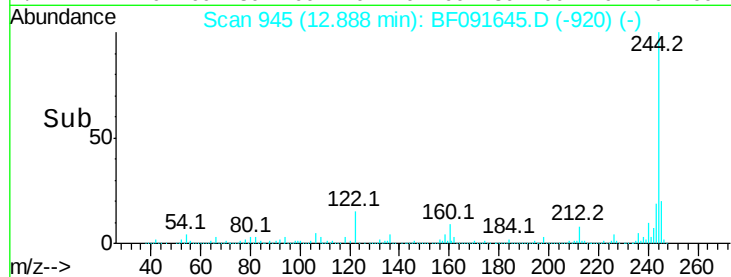
1000000

500000

0

Time-->

12.80 12.90 13.00



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF091645.D

Acq: 15 Dec 2016 23:00

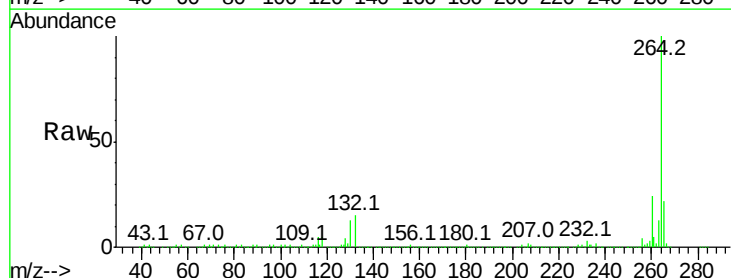
Tgt Ion:264 Resp: 447720

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.6 17.0 25.6



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

15.35

400000

300000

200000

100000

0

Time-->

15.30 15.40 15.50

