

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087160.D
 Acq On : 18 May 2016 23:11
 Operator : UM/SJ
 Sample : H3143-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-I-76(0-2)

Quant Time: May 19 04:39:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

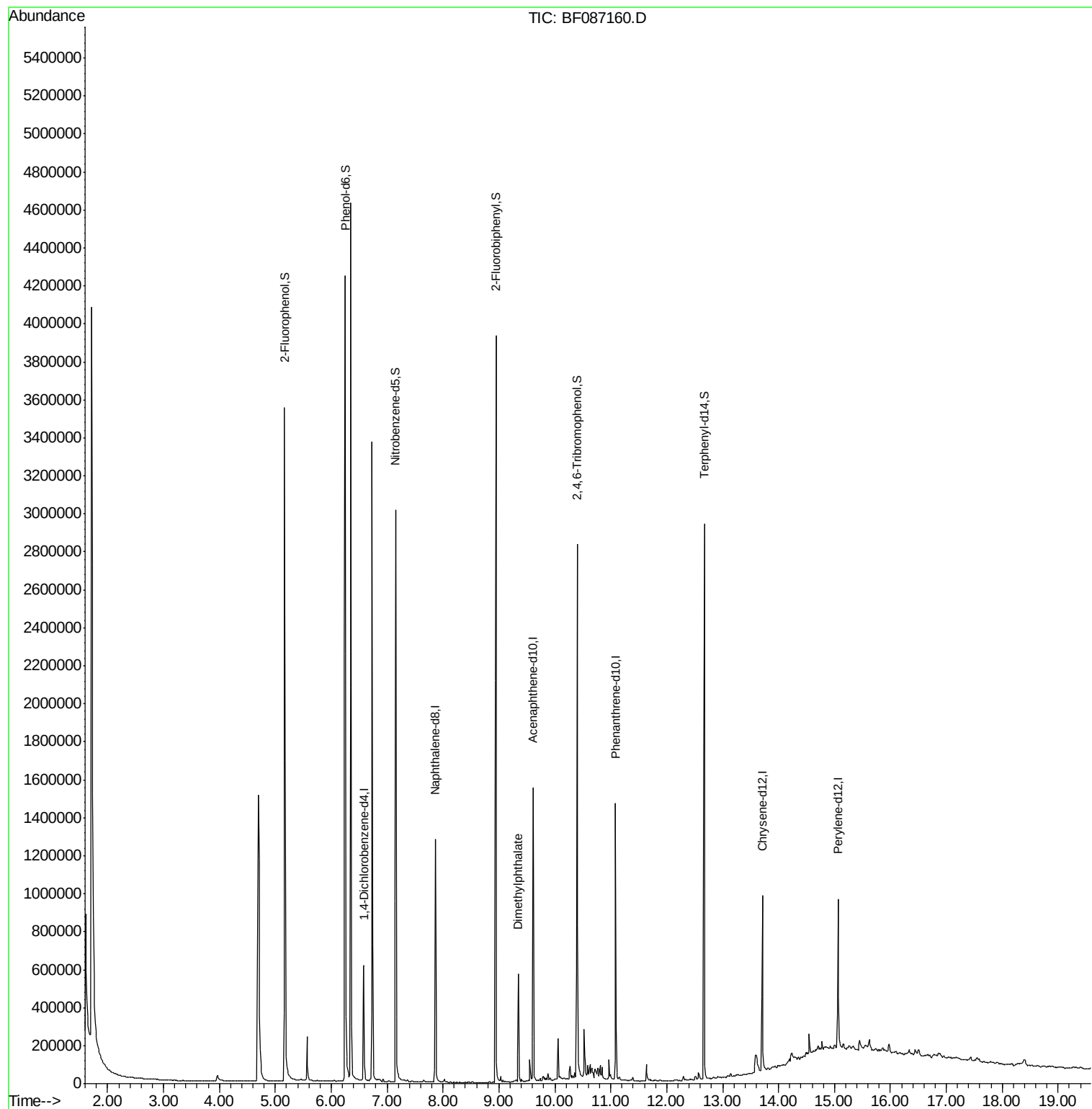
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	132013	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	557375	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	272957	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	484275	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	346226	20.00	ng	-0.05
86) Perylene-d12	15.06	264	324013	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	1072448	136.55	ng	-0.03
7) Phenol-d6	6.25	99	1499757	142.38	ng	-0.03
23) Nitrobenzene-d5	7.15	82	971550	86.87	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	351060	116.39	ng	-0.05
44) 2-Fluorobiphenyl	8.95	172	1382320	83.87	ng	-0.03
78) Terphenyl-d14	12.67	244	1069395	69.87	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.35	163	218962	10.52	ng	Qvalue 98

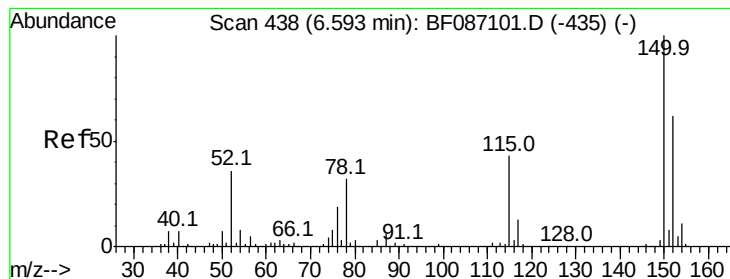
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF087160.D

Acq: 18 May 2016 23:11

Instrument :

BNA_F

ClientSampleId :

2-I-76(0-2)

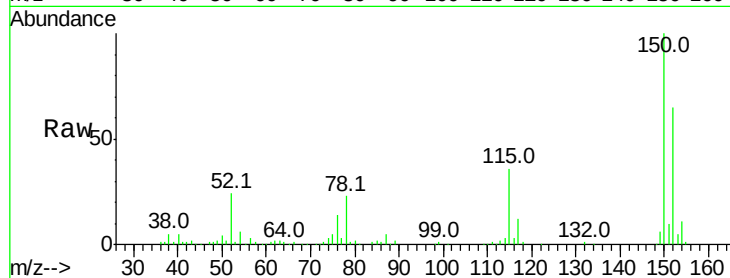
Tot Ion:152 Resp: 132013

Ion Ratio Lower Upper

152 100

150 154.6 125.8 188.6

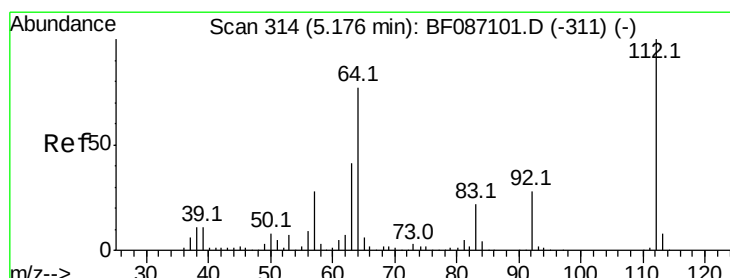
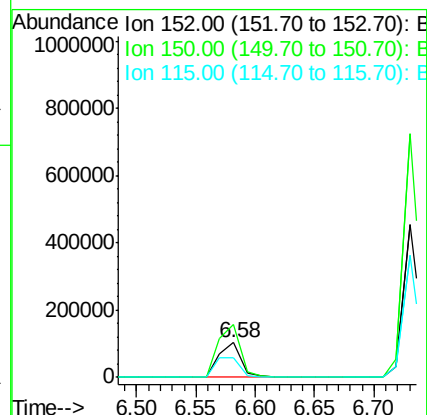
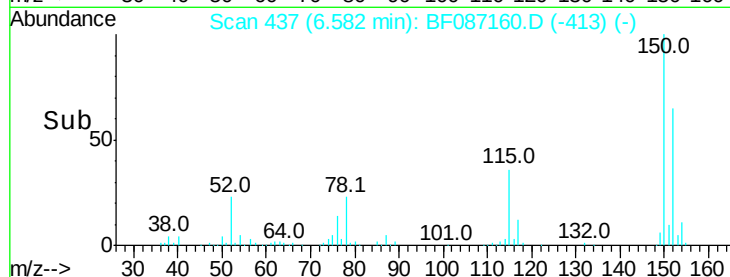
115 55.5 51.5 77.3



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: 136.55 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.03 min

Lab File: BF087160.D

Acq: 18 May 2016 23:11

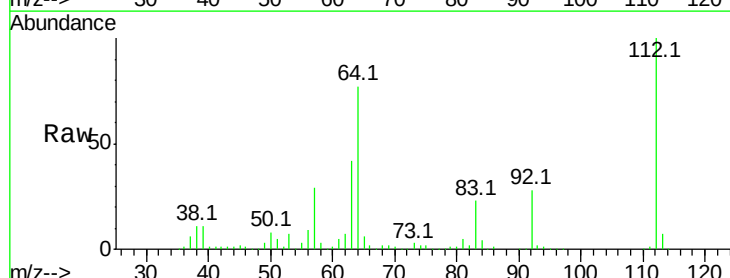
Tgt Ion:112 Resp: 1072448

Ion Ratio Lower Upper

112 100

64 76.6 52.1 78.1

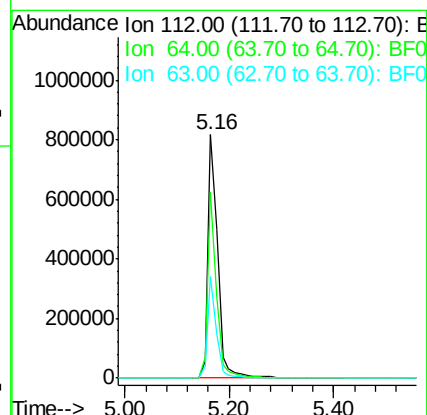
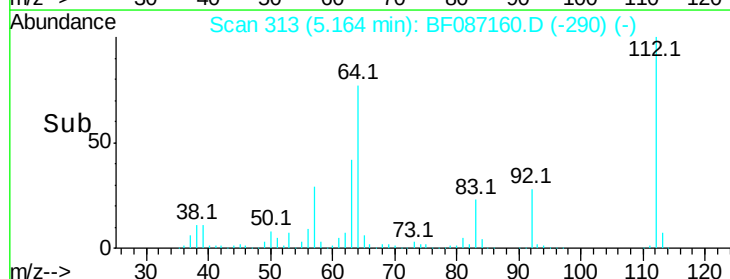
63 41.9 25.7 38.5#

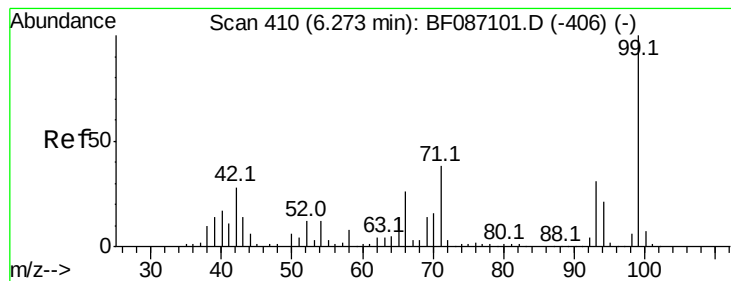


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.38 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087160.D

Acq: 18 May 2016 23:11

Instrument :

BNA_F

ClientSampleId :

2-I-76(0-2)

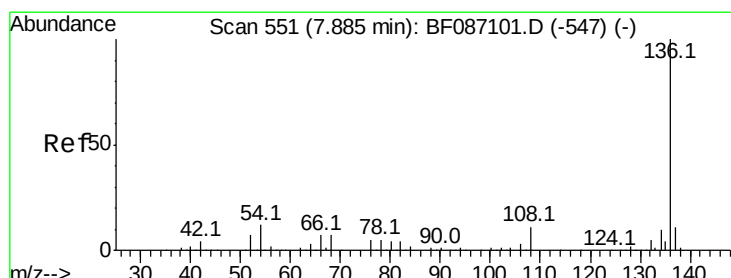
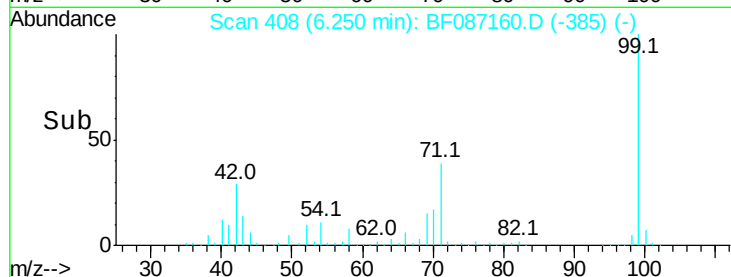
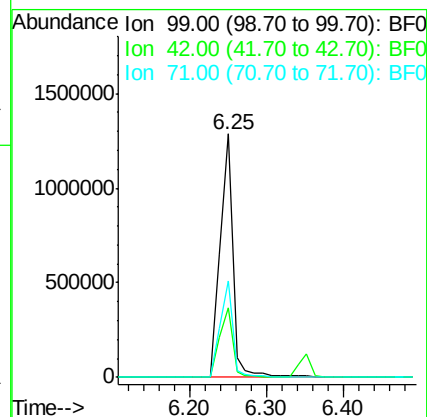
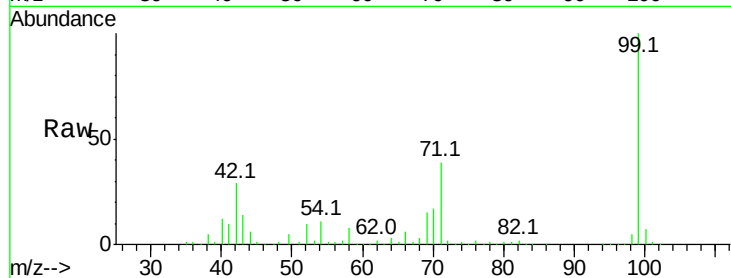
Tot Ion: 99 Resp: 1499757

Ion Ratio Lower Upper

99 100

42 28.5 13.6 20.4#

71 39.4 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF087160.D

Acq: 18 May 2016 23:11

Tgt Ion: 136 Resp: 557375

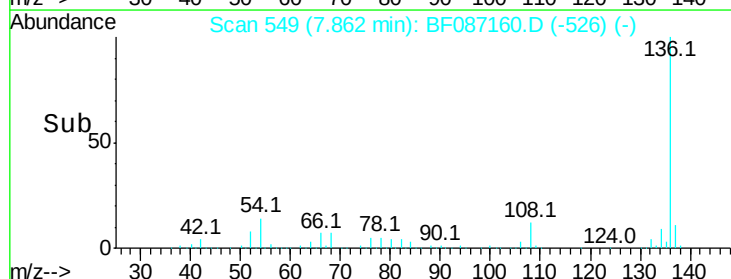
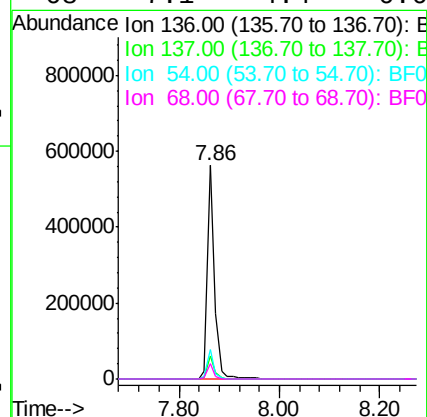
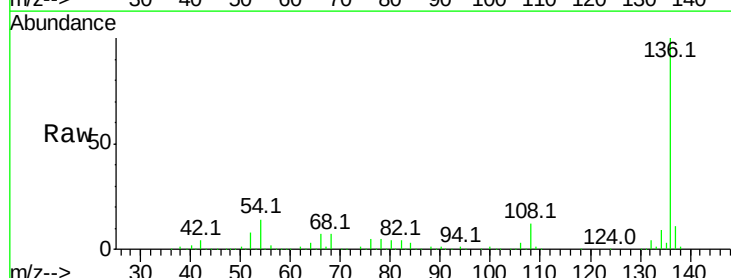
Ion Ratio Lower Upper

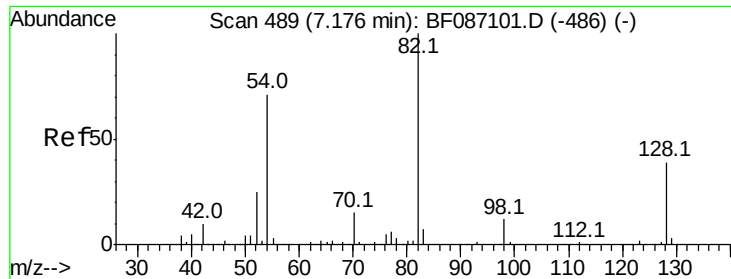
136 100

137 11.0 8.8 13.2

54 13.6 5.0 7.4#

68 7.1 4.4 6.6#

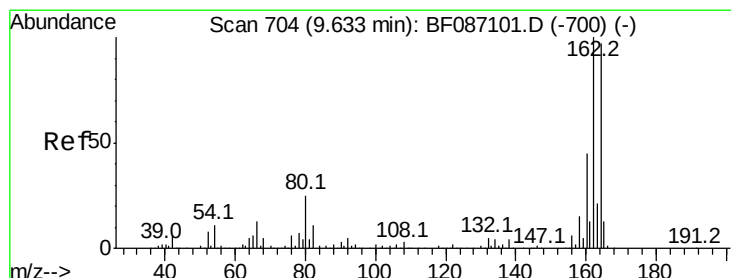
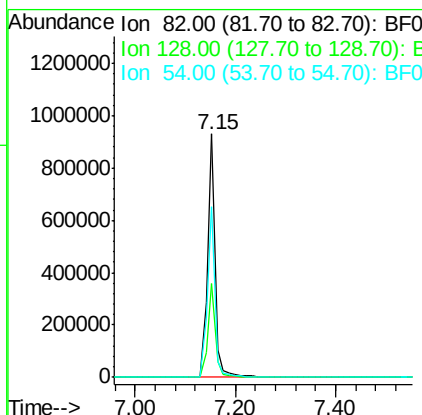
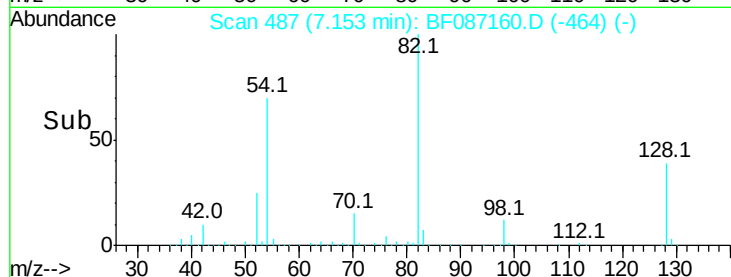
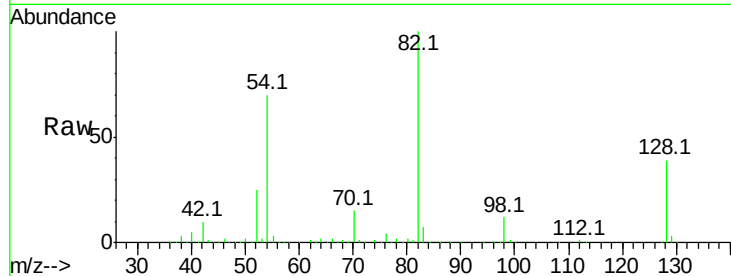




#23
 Nitrobenzene-d5
 Concen: 86.87 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.03 min
 Lab File: BF087160.D
 Acq: 18 May 2016 23:11

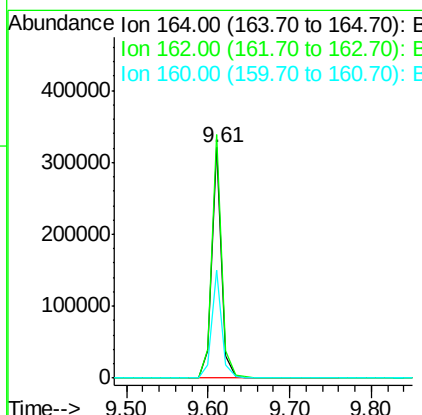
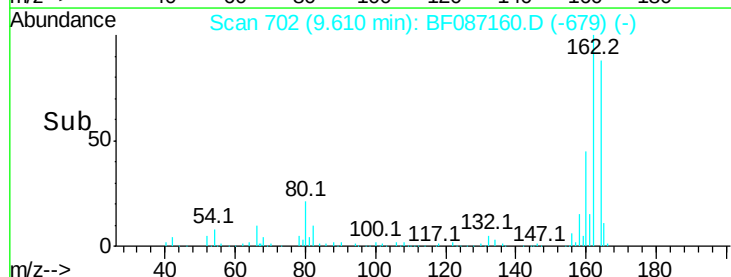
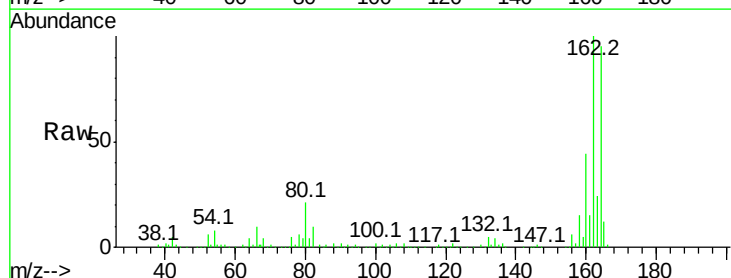
Instrument :
 BNA_F
 ClientSampleId :
 2-I-76(0-2)

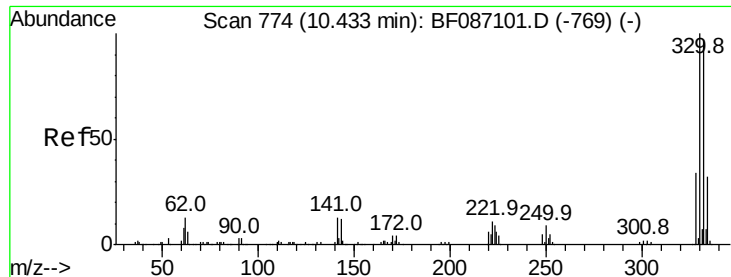
Tot Ion: 82 Resp: 971550
 Ion Ratio Lower Upper
 82 100
 128 38.7 40.6 61.0#
 54 70.3 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF087160.D
 Acq: 18 May 2016 23:11

Tgt Ion:164 Resp: 272957
 Ion Ratio Lower Upper
 164 100
 162 105.6 82.8 124.2
 160 47.0 36.9 55.3

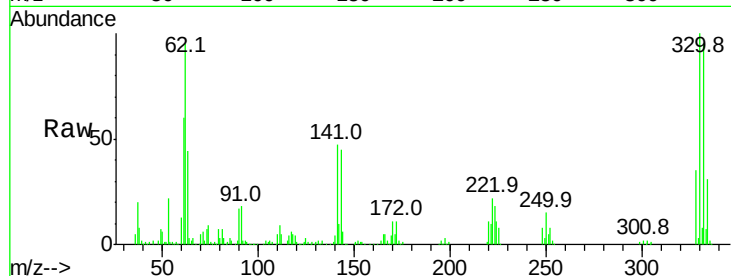




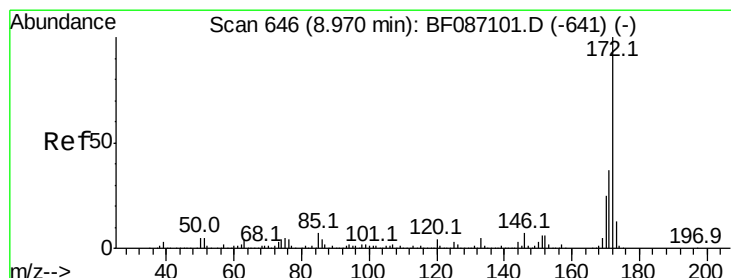
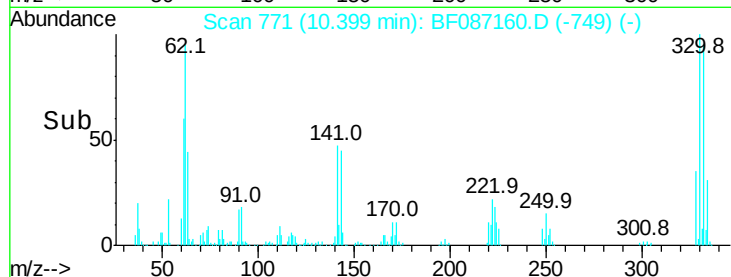
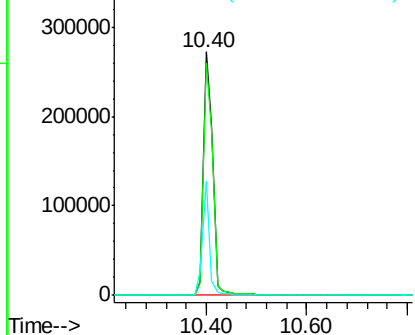
#41
 2,4,6-Tribromophenol
 Concen: 116.39 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF087160.D
 Acq: 18 May 2016 23:11

Instrument :
 BNA_F
 ClientSampleId :
 2-I-76(0-2)

Tot Ion:330 Resp: 351060
 Ion Ratio Lower Upper
 330 100
 332 96.2 79.0 118.4
 141 35.4 31.2 46.8

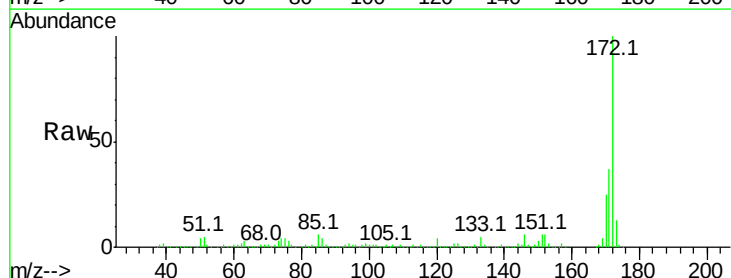


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

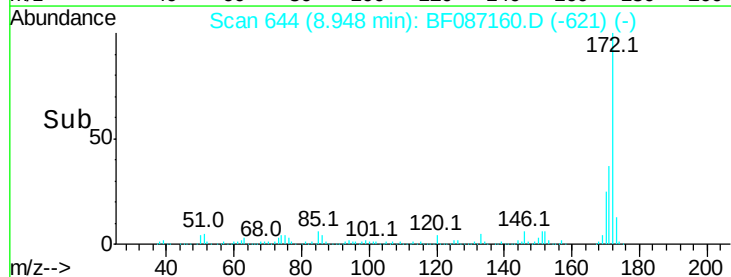
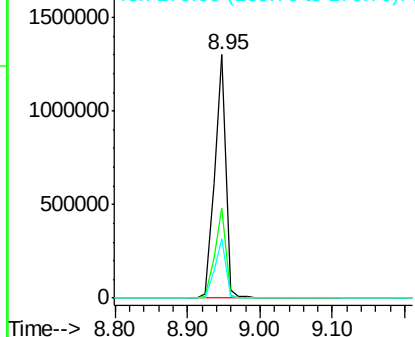


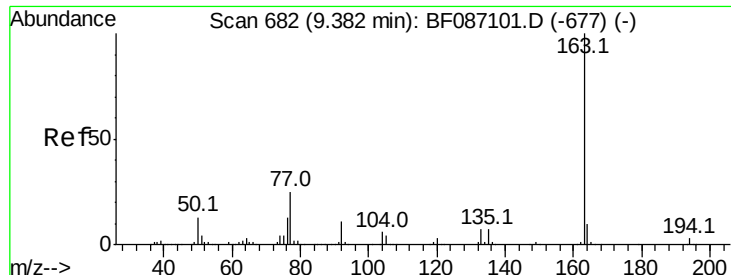
#44
 2-Fluorobiphenyl
 Concen: 83.87 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087160.D
 Acq: 18 May 2016 23:11

Tgt Ion:172 Resp: 1382320
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 24.6 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: 10.52 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF087160.D

Acq: 18 May 2016 23:11

Instrument :

BNA_F

ClientSampleId :

2-I-76(0-2)

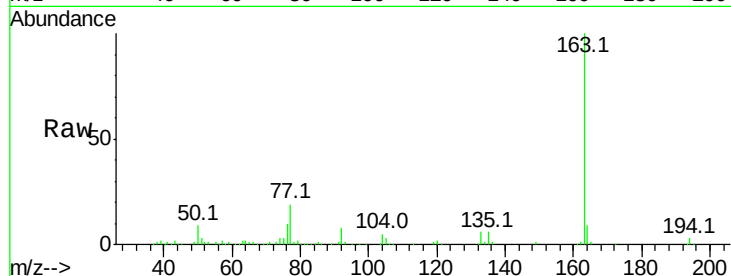
Tot Ion:163 Resp: 218962

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

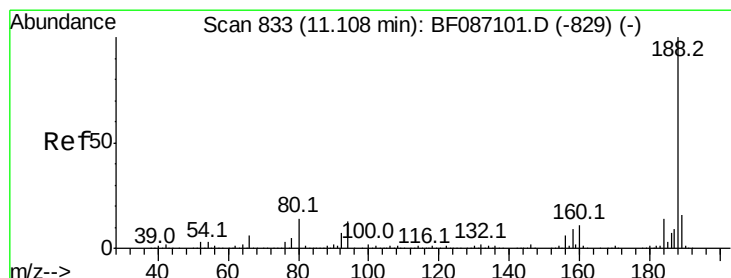
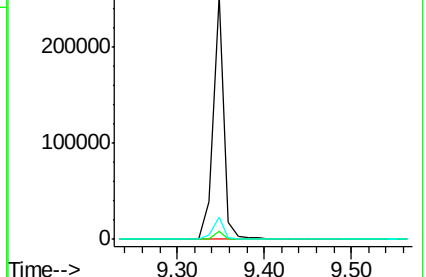
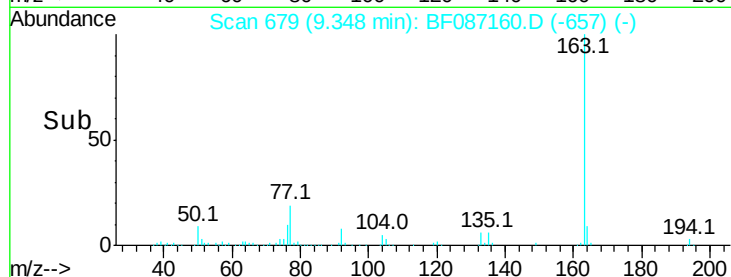
164 9.3 8.2 12.4



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: 11.08 min Scan# 831

Delta R.T. -0.03 min

Lab File: BF087160.D

Acq: 18 May 2016 23:11

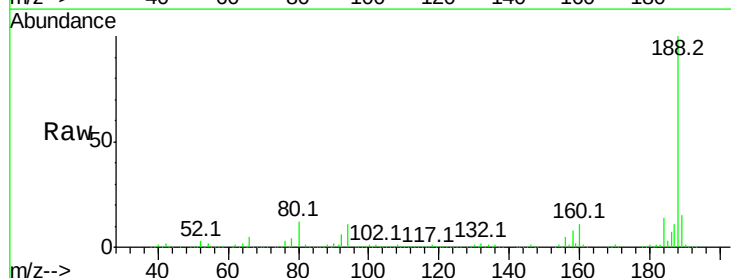
Tgt Ion:188 Resp: 484275

Ion Ratio Lower Upper

188 100

94 10.8 6.8 10.2#

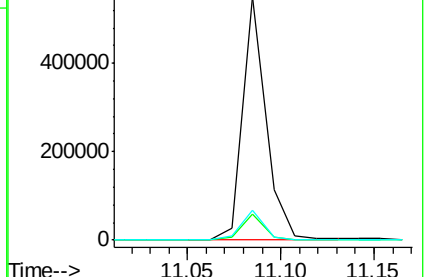
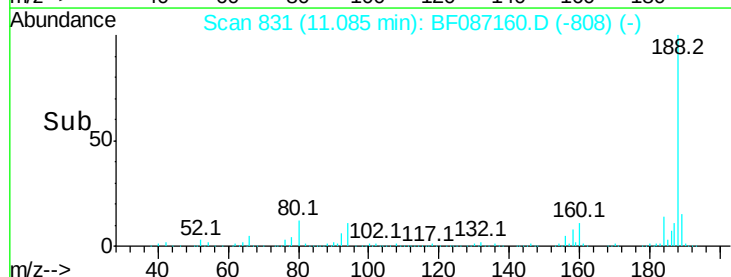
80 12.3 7.1 10.7#

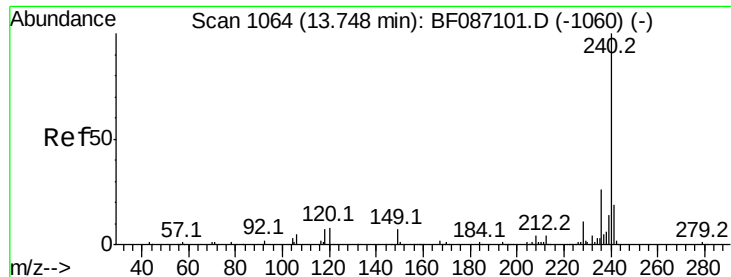


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087160.D

Acq: 18 May 2016 23:11

Instrument :

BNA_F

ClientSampleId :

2-I-76(0-2)

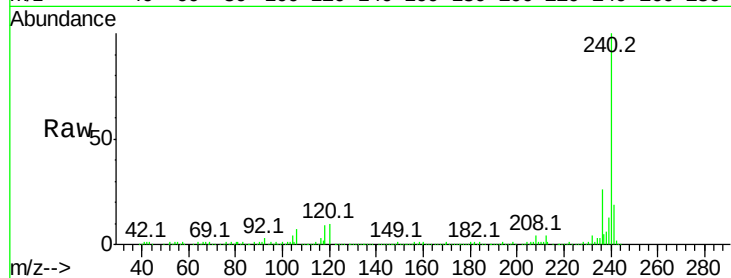
Tot Ion:240 Resp: 346226

Ion Ratio Lower Upper

240 100

120 9.7 11.2 16.8#

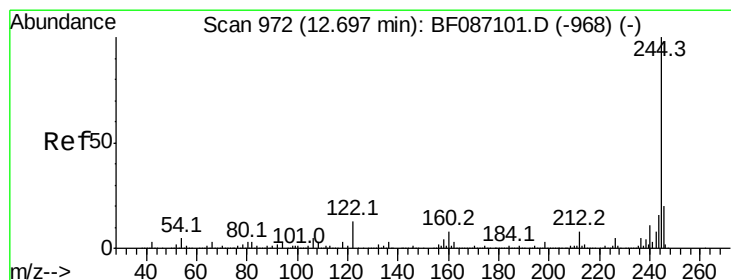
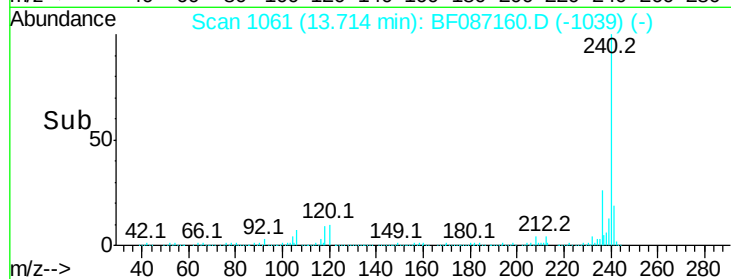
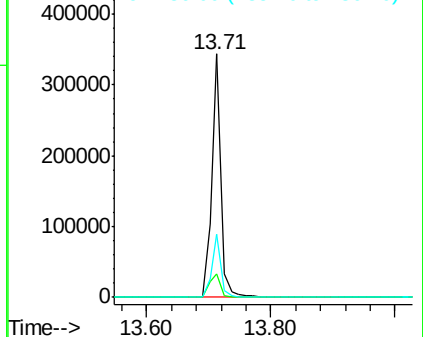
236 26.1 21.2 31.8



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: 69.87 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF087160.D

Acq: 18 May 2016 23:11

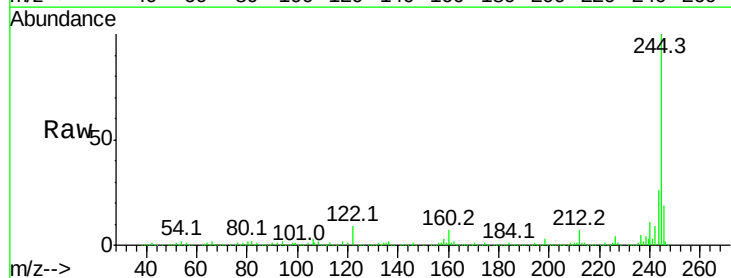
Tgt Ion:244 Resp: 1069395

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

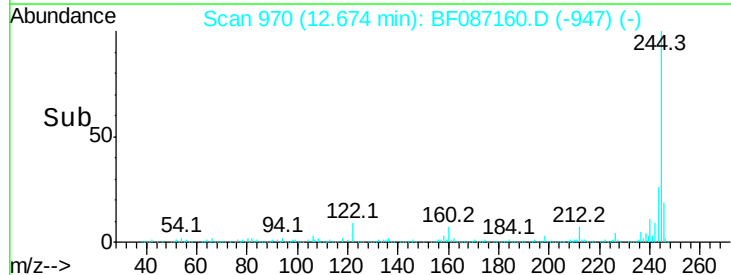
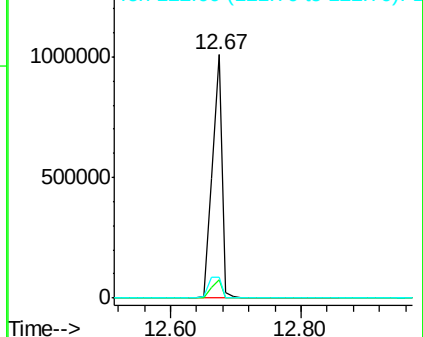
122 8.8 12.0 18.0#

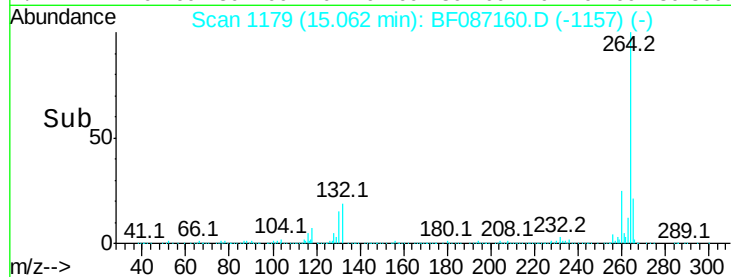
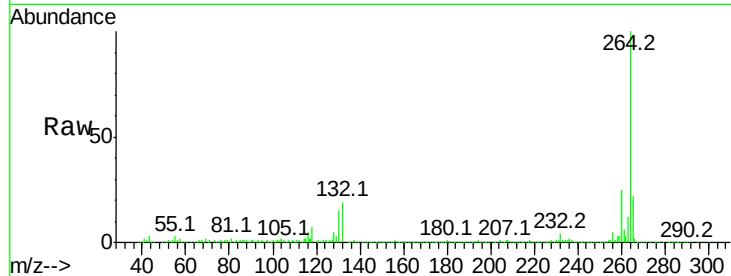
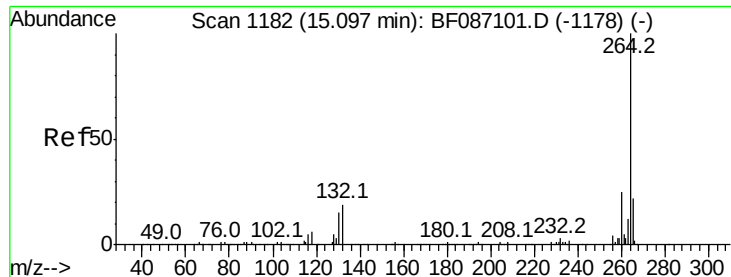


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF087160.D
Acq: 18 May 2016 23:11

Instrument :
BNA_F
ClientSampleId :
2-I-76(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.5	17.3	25.9

