

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF086016.D
 Acq On : 2 Apr 2016 17:21
 Operator : UM/SJ
 Sample : H2020-01
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Apr 04 03:14:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

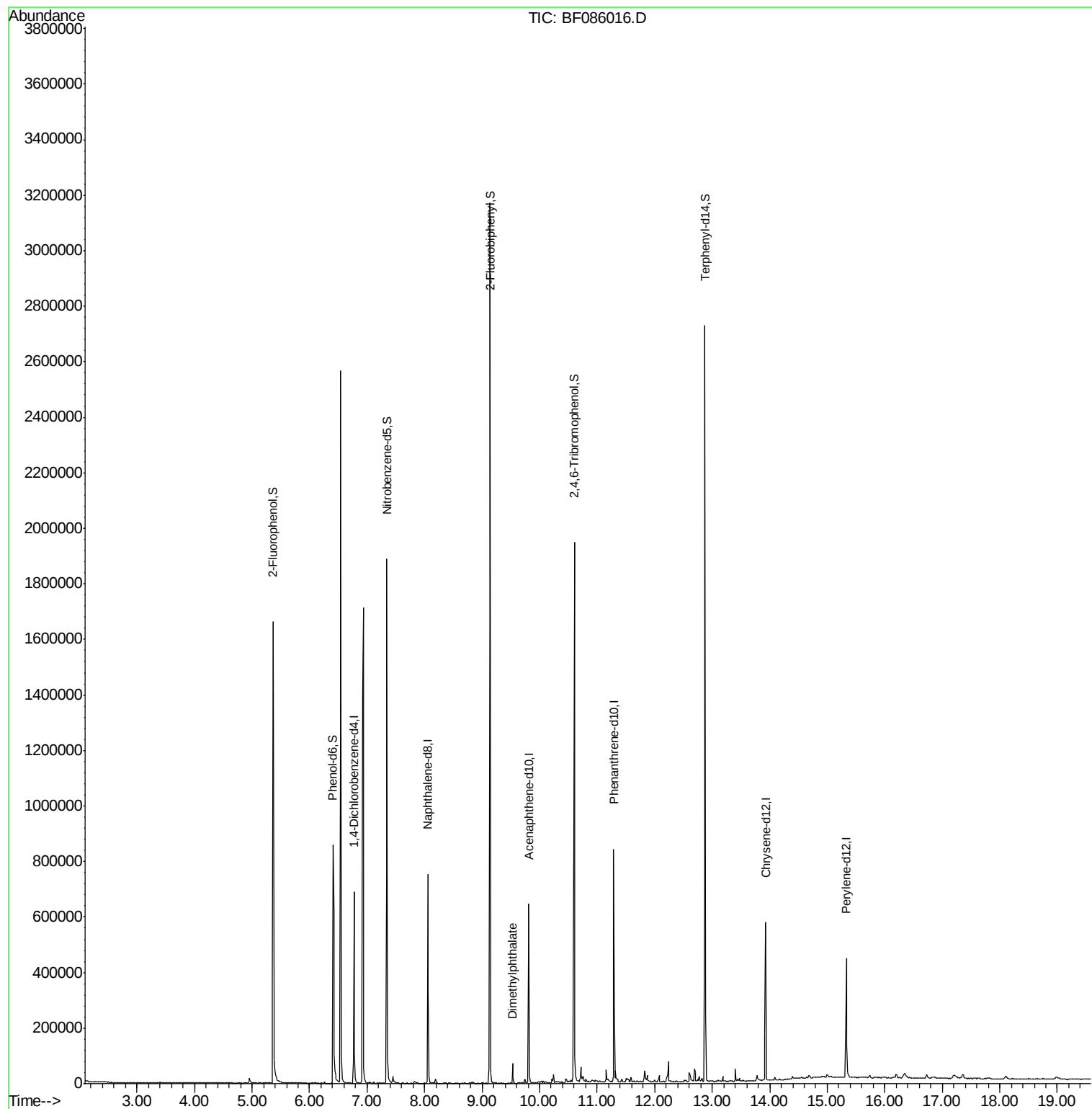
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	104646	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	395903	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	173140	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	312479	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	198393	20.00	ng	0.00
86) Perylene-d12	15.33	264	186839	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	542921	88.68	ng	0.00
7) Phenol-d6	6.41	99	456197	58.67	ng	-0.01
23) Nitrobenzene-d5	7.34	82	698308	104.02	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	268210	165.04	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1158289	111.23	ng	0.00
78) Terphenyl-d14	12.88	244	830675	98.42	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	29925	2.33	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF086016.D

Acq: 2 Apr 2016 17:21

Instrument :

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ClientSampleId :

DSN001

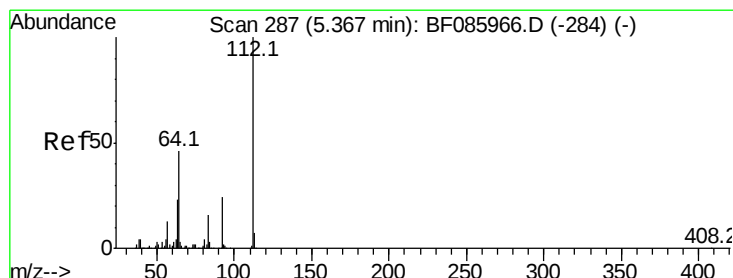
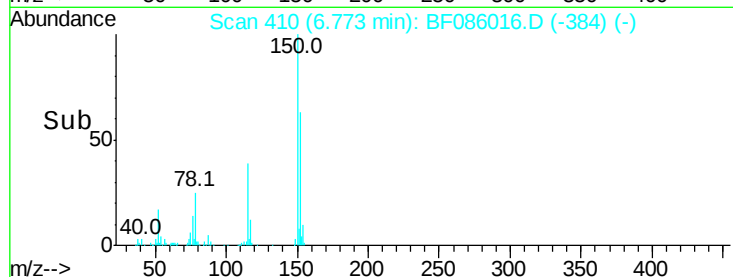
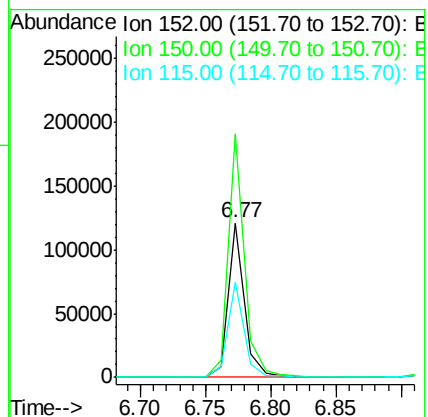
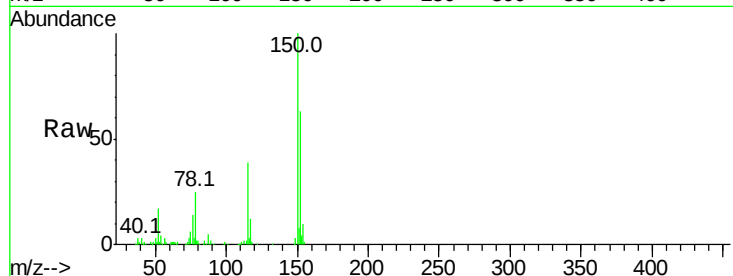
Tot Ion:152 Resp: 104646

Ion Ratio Lower Upper

152 100

150 158.0 124.2 186.2

115 61.7 47.0 70.6



#5

2-Fluorophenol

Concen: 88.68 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF086016.D

Acq: 2 Apr 2016 17:21

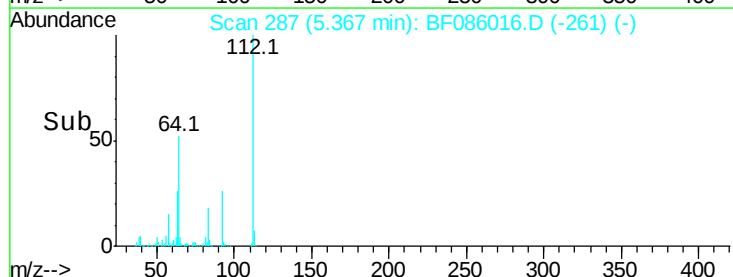
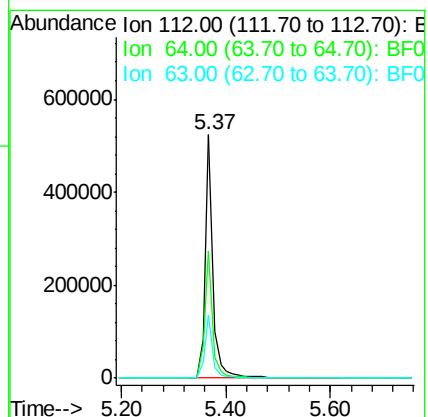
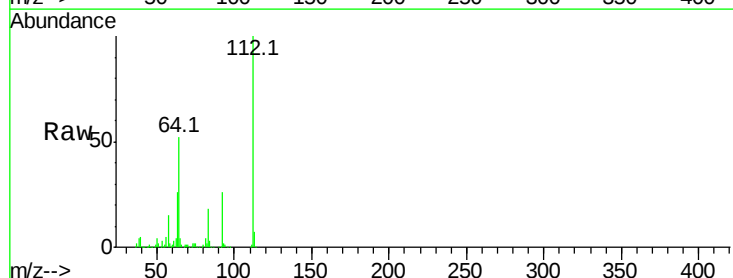
Tgt Ion:112 Resp: 542921

Ion Ratio Lower Upper

112 100

64 52.3 39.9 59.9

63 26.2 20.2 30.2





#7

Phenol-d6

Concen: 58.67 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086016.D

Acq: 2 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

DSN001

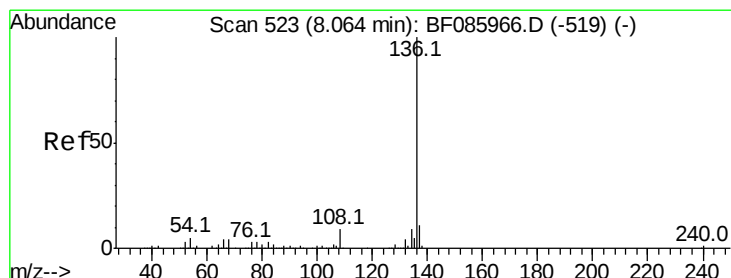
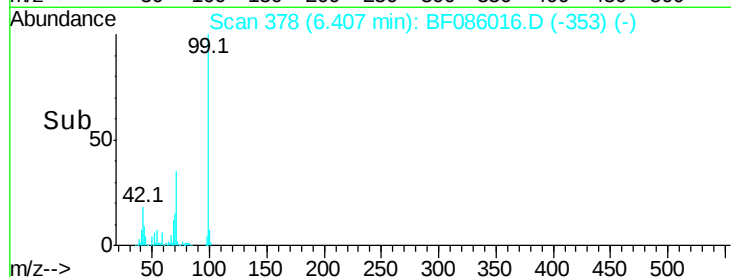
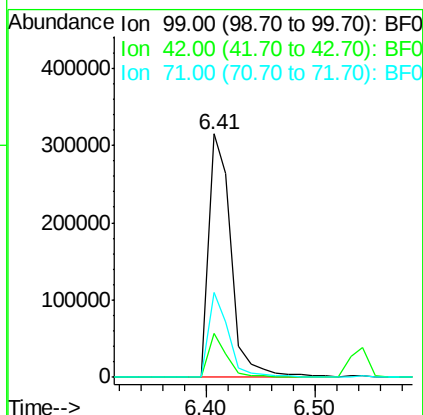
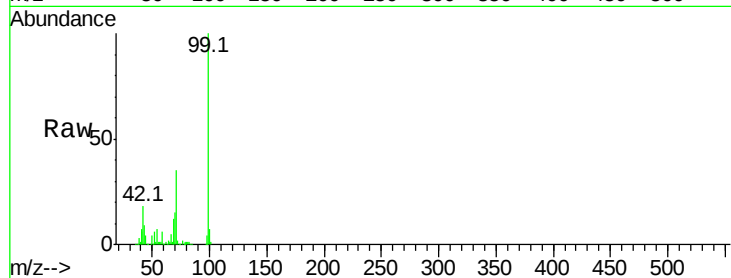
Tot Ion: 99 Resp: 456197

Ion Ratio Lower Upper

99 100

42 18.0 11.1 16.7#

71 35.0 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF086016.D

Acq: 2 Apr 2016 17:21

Tgt Ion: 136 Resp: 395903

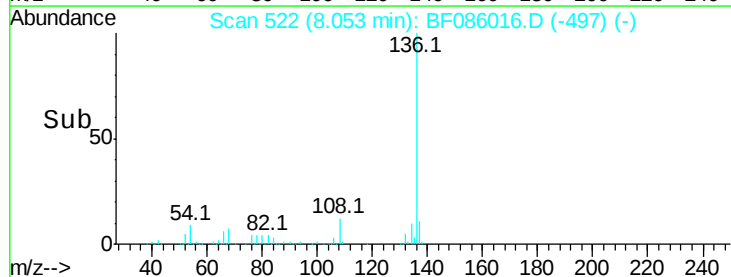
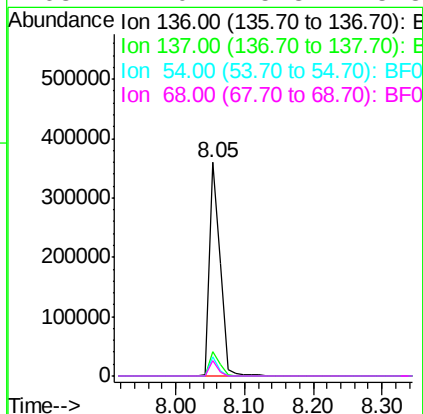
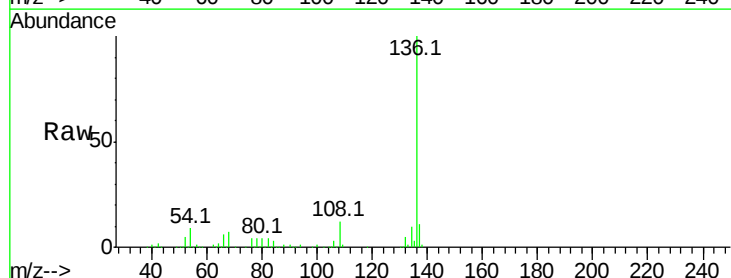
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.8 7.4 11.0

68 7.0 5.8 8.8

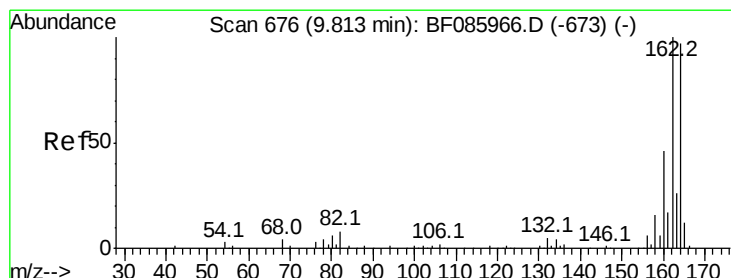
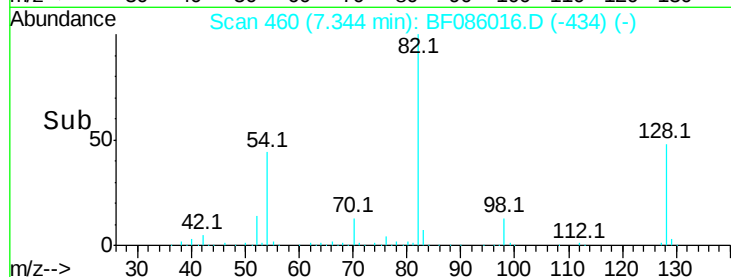
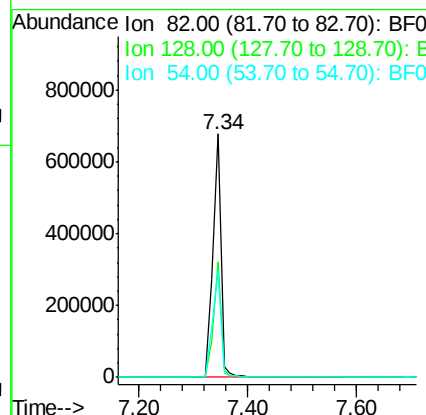
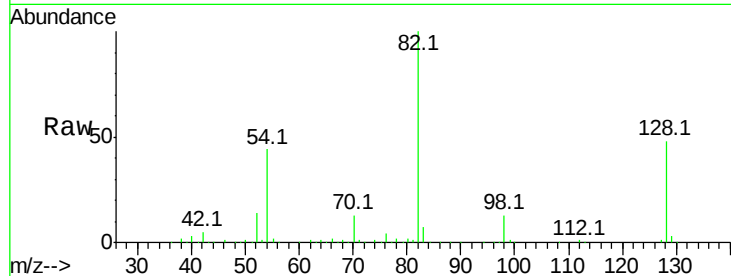




#23
 Nitrobenzene-d5
 Concen: 104.02 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF086016.D
 Acq: 2 Apr 2016 17:21

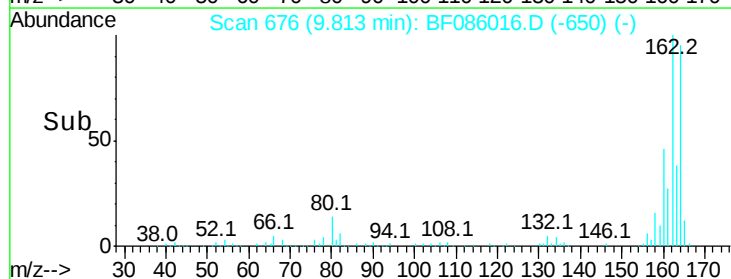
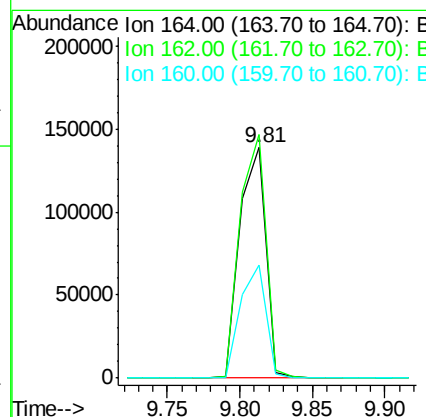
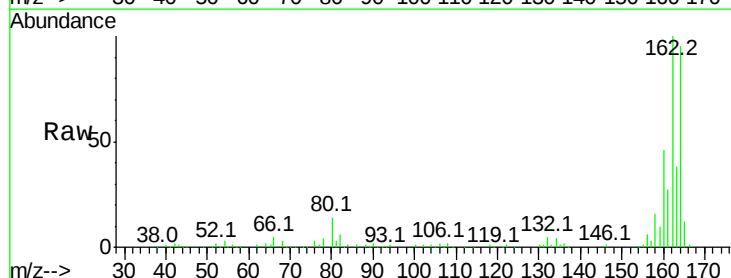
Instrument :
 BNA_F
 ClientSampleID :
 DSN001

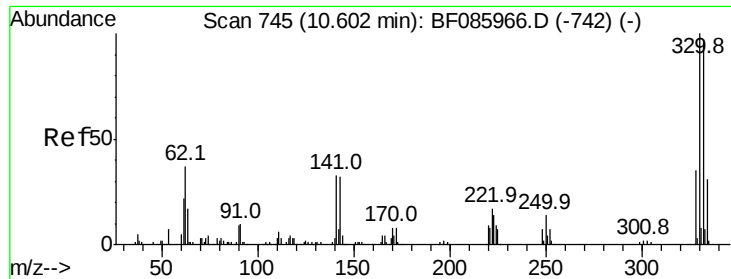
Tot Ion: 82 Resp: 698308
 Ion Ratio Lower Upper
 82 100
 128 47.5 41.8 62.8
 54 43.8 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF086016.D
 Acq: 2 Apr 2016 17:21

Tgt Ion:164 Resp: 173140
 Ion Ratio Lower Upper
 164 100
 162 105.7 82.1 123.1
 160 48.9 37.4 56.2

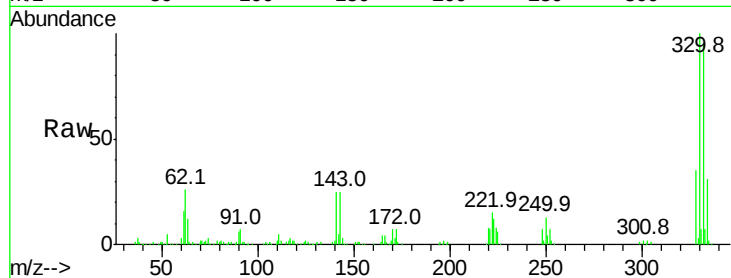




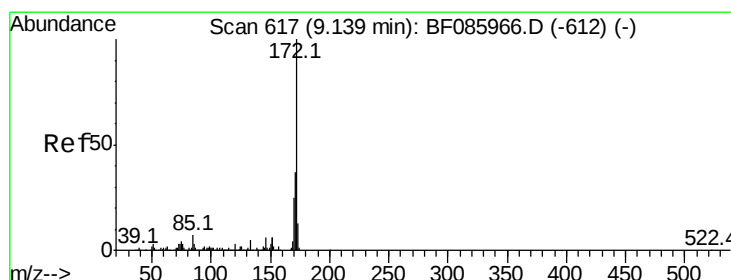
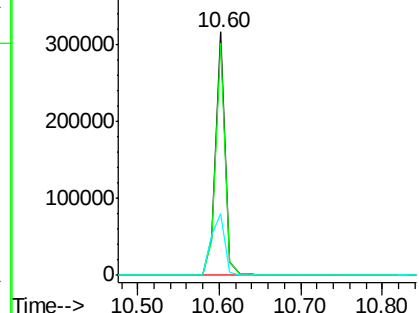
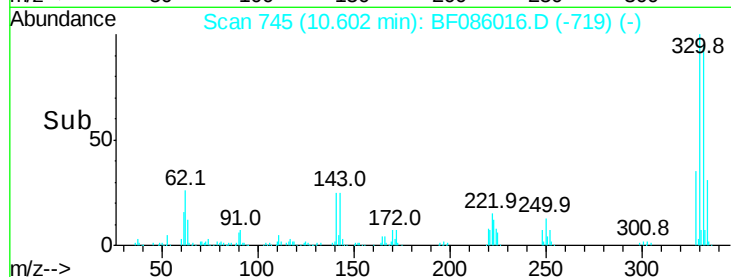
#41
 2,4,6-Tribromophenol
 Concen: 165.04 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF086016.D
 Acq: 2 Apr 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tot Ion:330 Resp: 268210
 Ion Ratio Lower Upper
 330 100
 332 95.5 78.2 117.2
 141 35.4 31.5 47.3

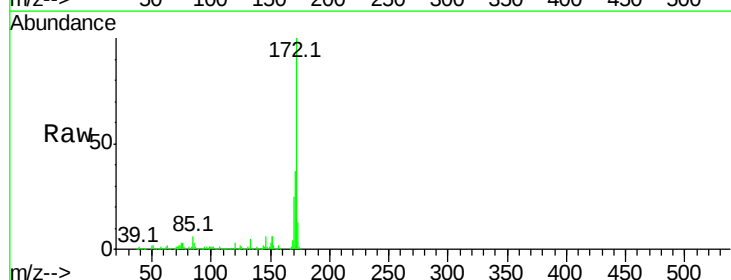


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

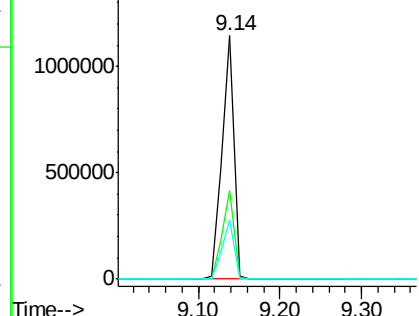
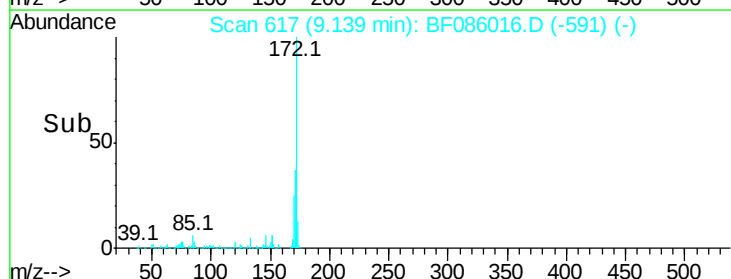


#44
 2-Fluorobiphenyl
 Concen: 111.23 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF086016.D
 Acq: 2 Apr 2016 17:21

Tgt Ion:172 Resp: 1158289
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.6 19.8 29.6



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

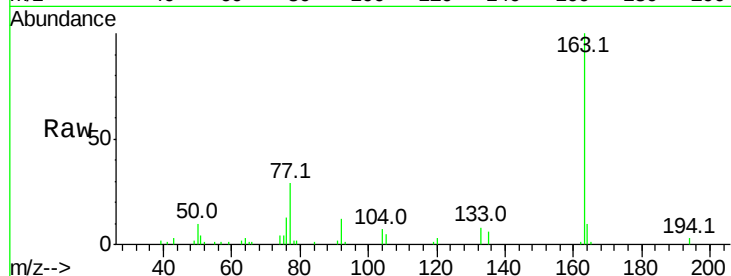




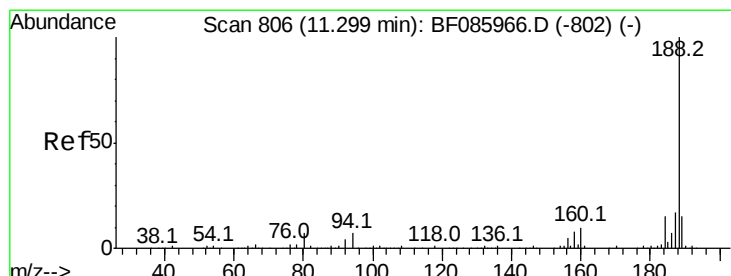
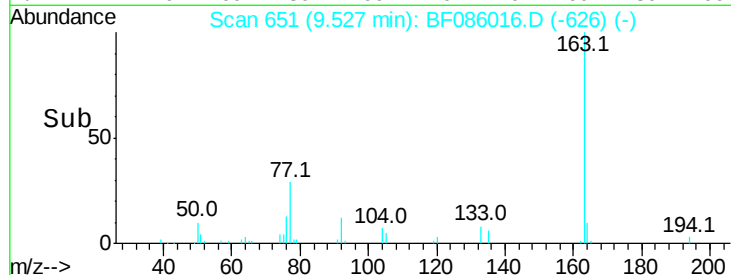
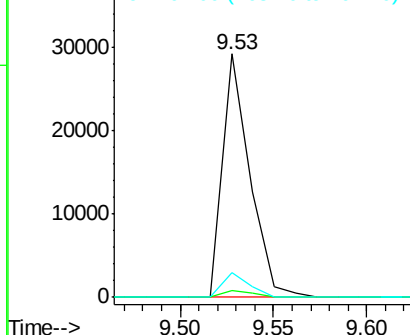
#49
Dimethylphthalate
Concen: 2.33 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF086016.D
Acq: 2 Apr 2016 17:21

Instrument :
BNA_F
ClientSampleId :
DSN001

Tot Ion:163 Resp: 29925
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.2 8.3 12.5

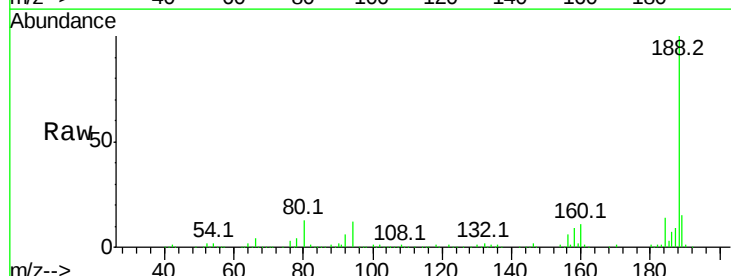


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

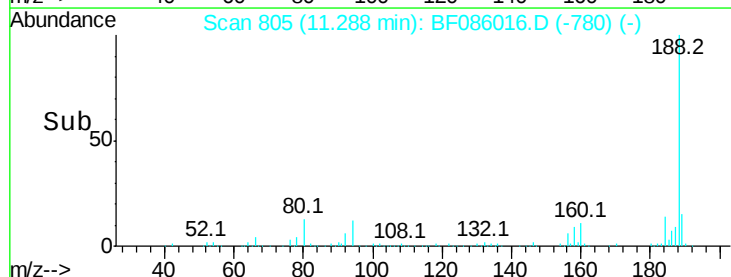
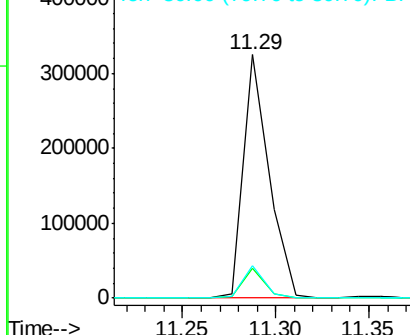


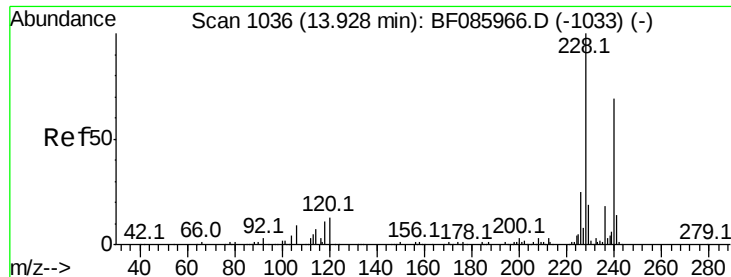
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086016.D
Acq: 2 Apr 2016 17:21

Tgt Ion:188 Resp: 312479
Ion Ratio Lower Upper
188 100
94 12.2 5.4 8.0#
80 13.1 5.5 8.3#



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: 13.93 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF086016.D

Acq: 2 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleID :

DSN001

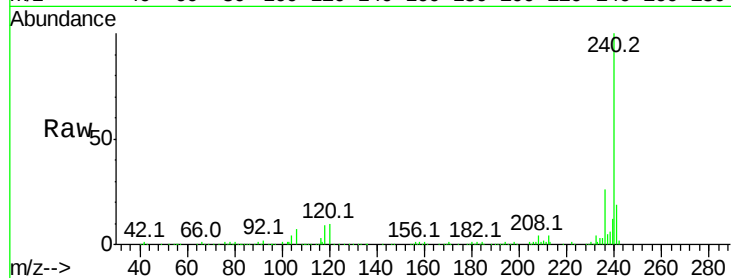
Tot Ion:240 Resp: 198393

Ion Ratio Lower Upper

240 100

120 10.1 13.8 20.8#

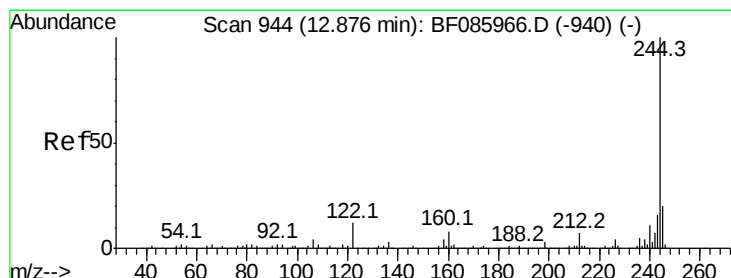
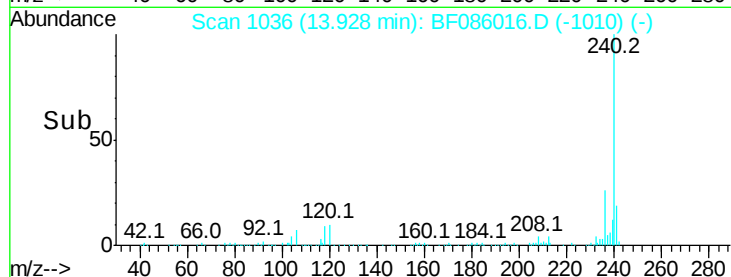
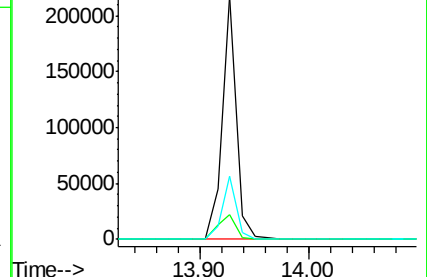
236 25.9 20.6 30.8



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: 98.42 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086016.D

Acq: 2 Apr 2016 17:21

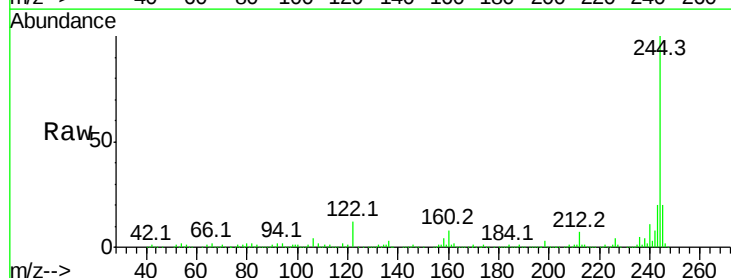
Tgt Ion:244 Resp: 830675

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

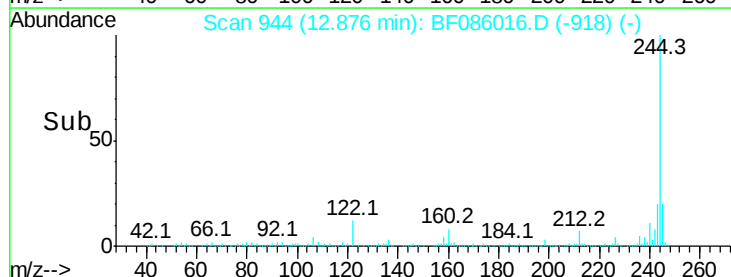
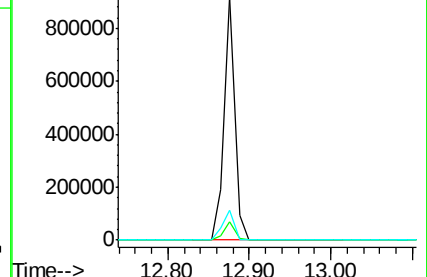
122 12.3 10.2 15.4

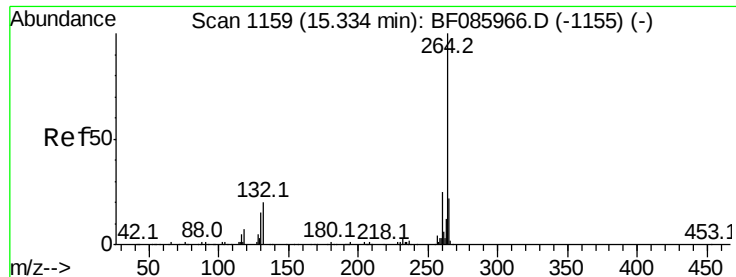


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

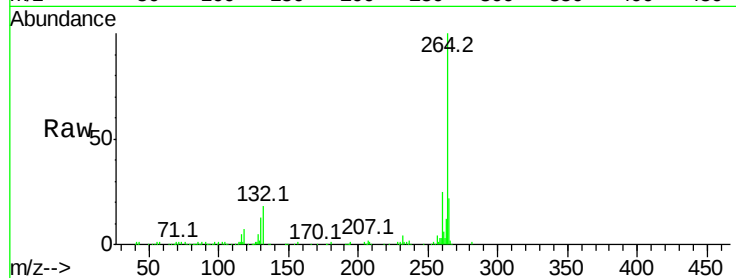




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF086016.D
 Acq: 2 Apr 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.6	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

