

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085260.D
 Acq On : 8 Mar 2016 17:21
 Operator : UM/SJ
 Sample : PB88766BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BL

Quant Time: Mar 09 00:39:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	144564	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	569533	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	273712	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	524675	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	342924	20.00	ng	-0.03
86) Perylene-d12	15.58	264	266252	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	955783	110.90	ng	-0.01
7) Phenol-d6	6.58	99	1307931	115.83	ng	-0.02
23) Nitrobenzene-d5	7.52	82	825540	77.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	311629	133.06	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1366324	75.92	ng	-0.03
78) Terphenyl-d14	13.08	244	1267254	85.79	ng	-0.01

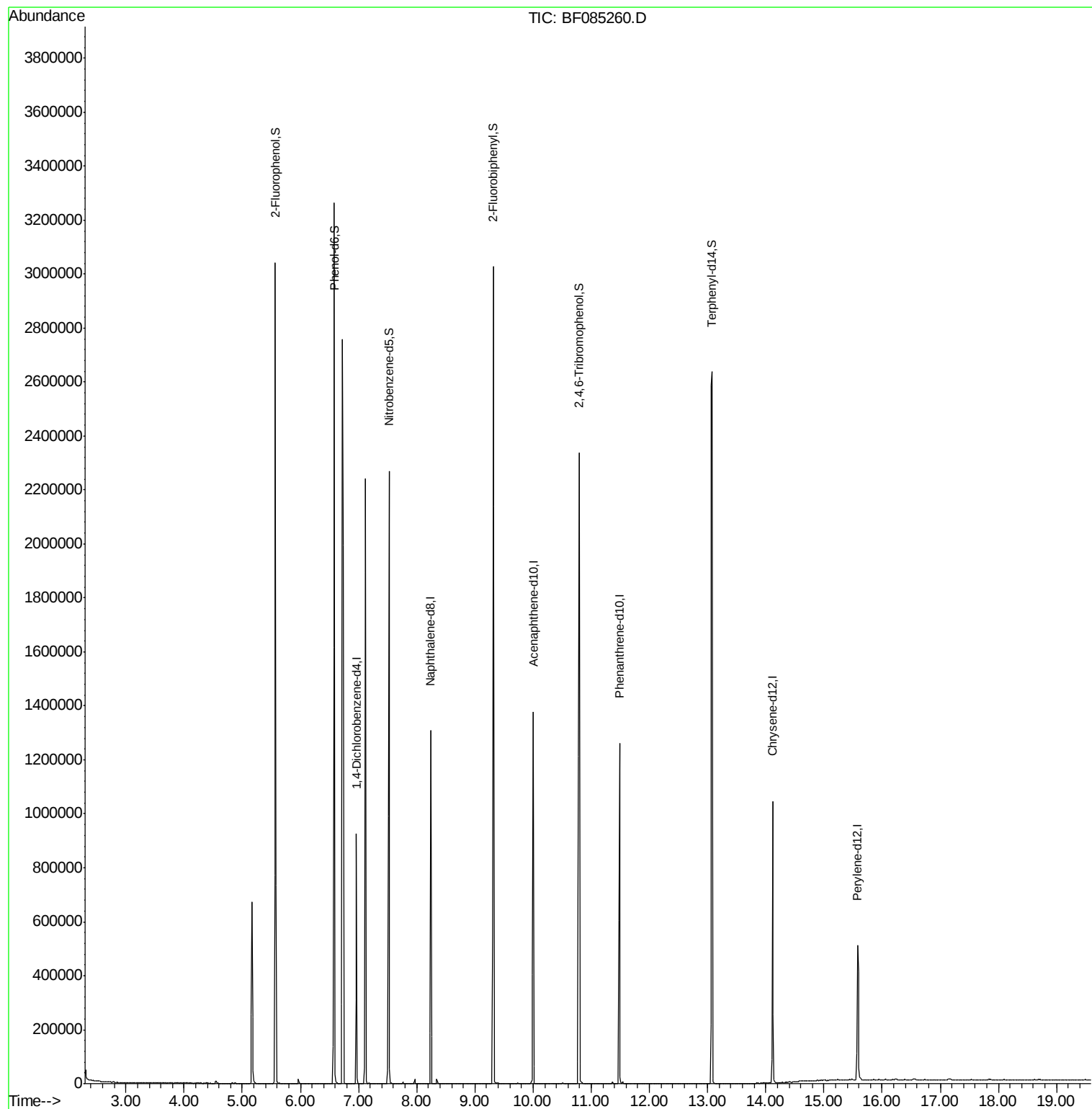
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085260.D

Acq: 8 Mar 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB88766BL

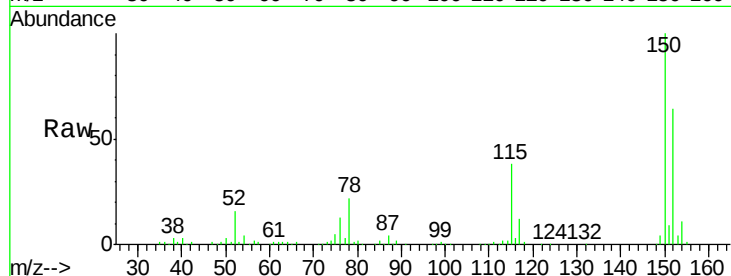
Tgt Ion:152 Resp: 144564

Ion Ratio Lower Upper

152 100

150 155.5 124.6 186.8

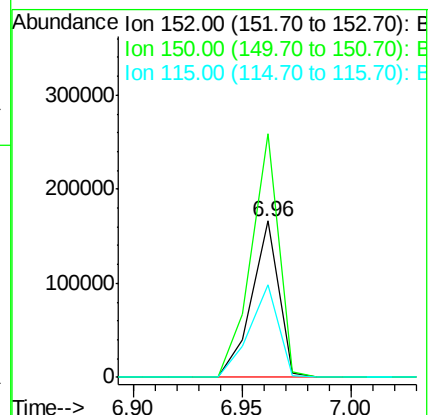
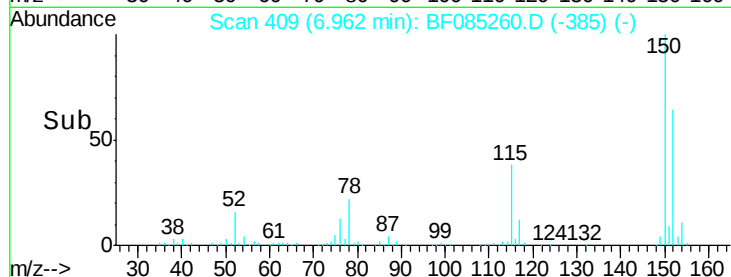
115 59.0 46.6 70.0



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: 110.90 ng

RT: 5.57 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF085260.D

Acq: 8 Mar 2016 17:21

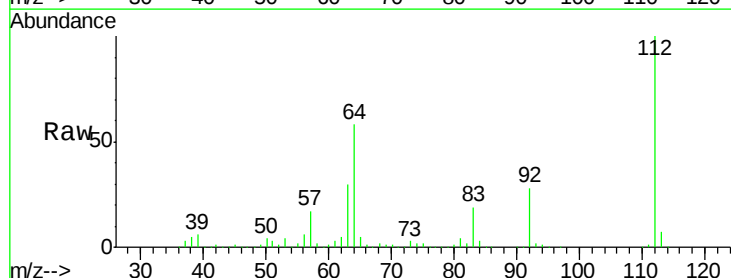
Tgt Ion:112 Resp: 955783

Ion Ratio Lower Upper

112 100

64 58.2 49.0 73.4

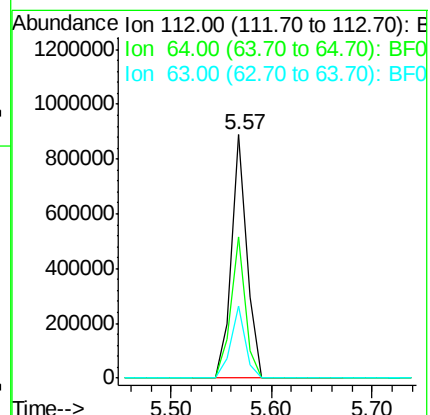
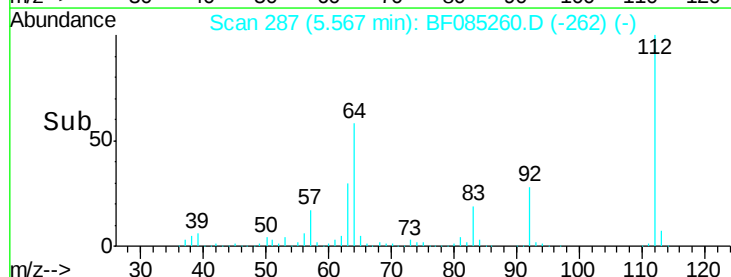
63 29.6 24.8 37.2



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: 115.83 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085260.D

Acq: 8 Mar 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB88766BL

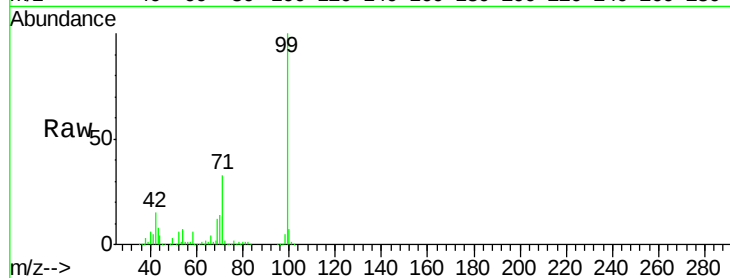
Tgt Ion: 99 Resp: 1307931

Ion Ratio Lower Upper

99 100

42 15.4 13.6 20.4

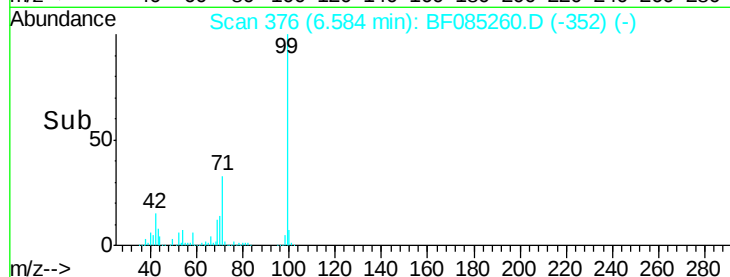
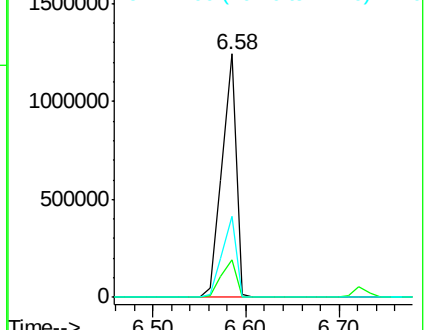
71 33.3 26.7 40.1



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: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085260.D

Acq: 8 Mar 2016 17:21

Tgt Ion: 136 Resp: 569533

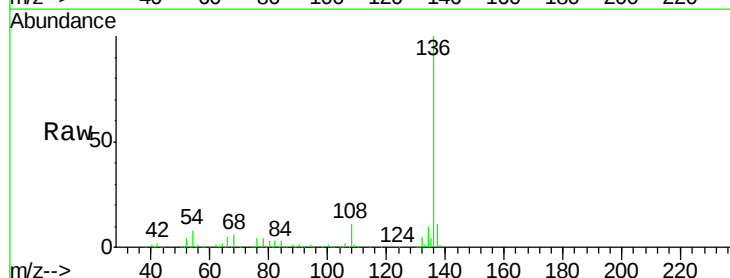
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.9 7.4 11.2

68 6.4 6.0 9.0

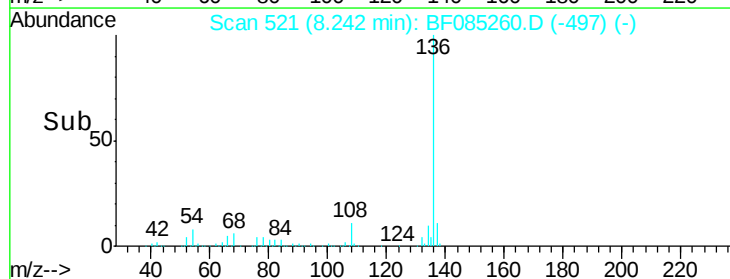
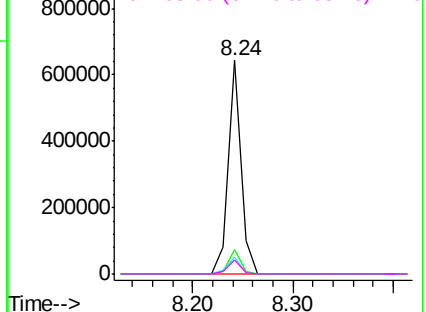


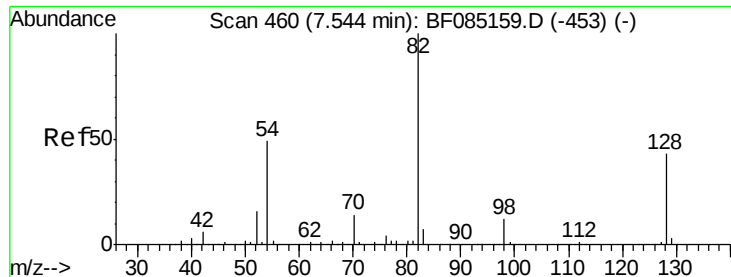
Abundance Ion 136.00 (135.70 to 136.70): E

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

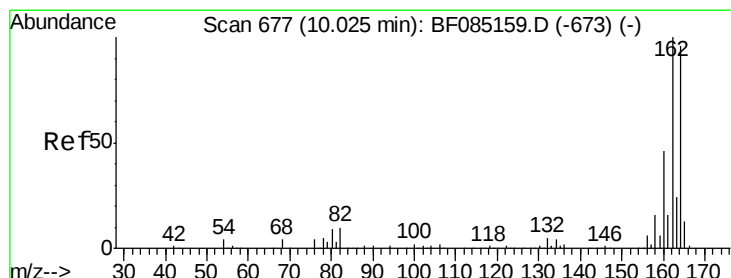
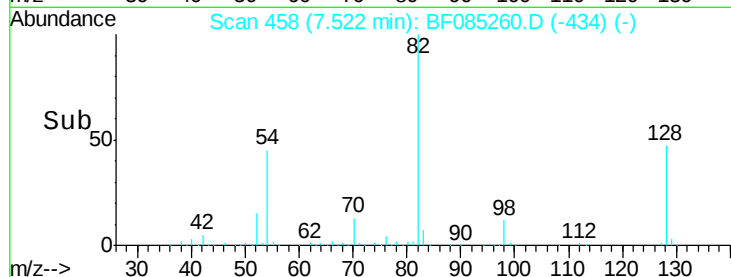
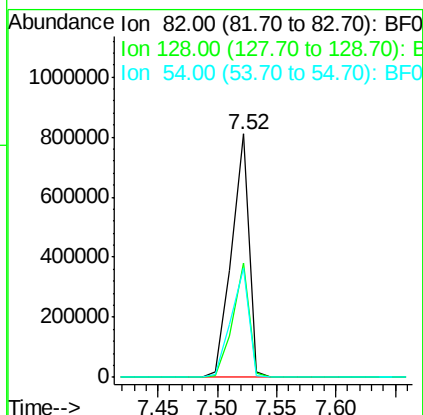
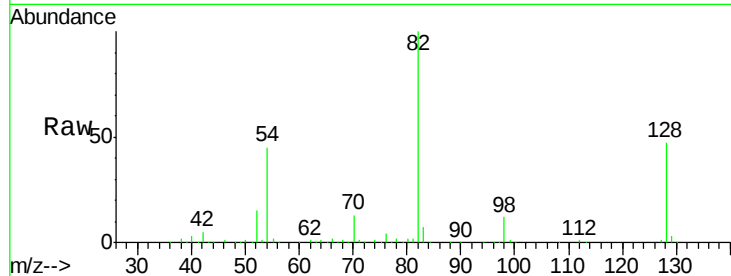




#23
 Nitrobenzene-d5
 Concen: 77.57 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF085260.D
 Acq: 8 Mar 2016 17:21

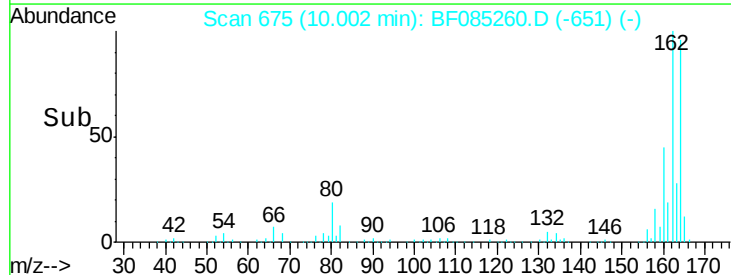
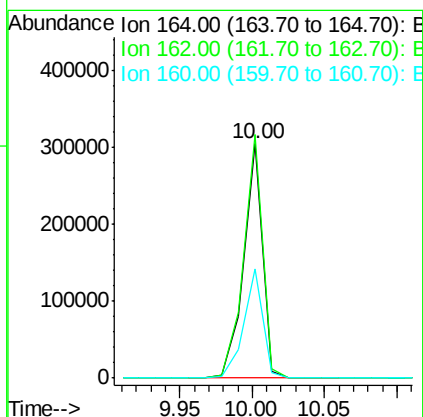
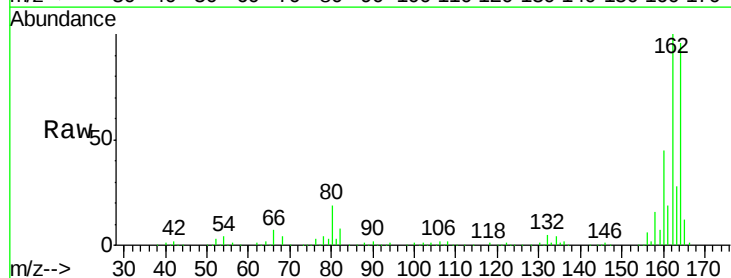
Instrument :
 BNA_F
 ClientSampleId :
 PB88766BL

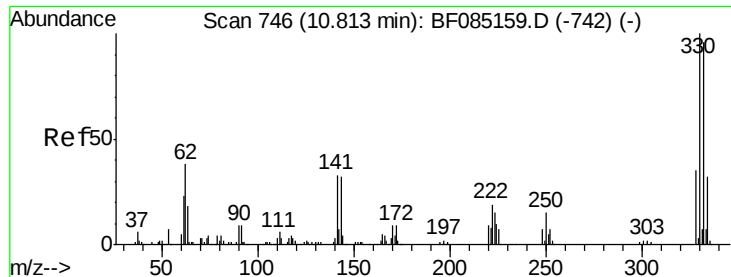
Tgt Ion: 82 Resp: 825540
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.5 51.7
 54 44.7 39.3 58.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF085260.D
 Acq: 8 Mar 2016 17:21

Tgt Ion: 164 Resp: 273712
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.3 124.9
 160 46.6 37.9 56.9

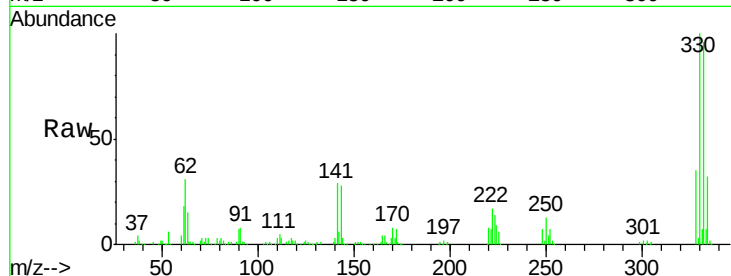




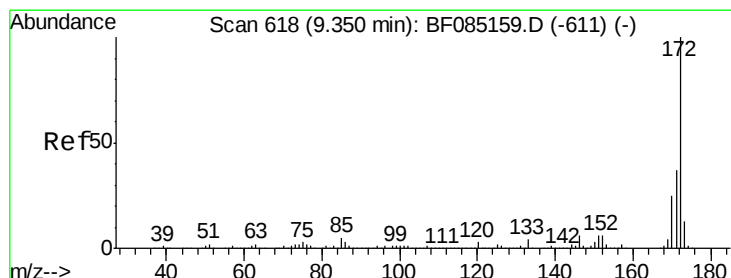
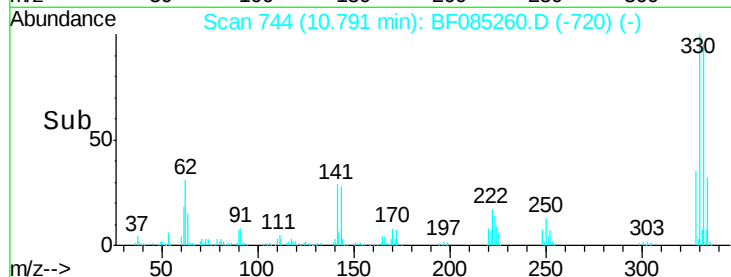
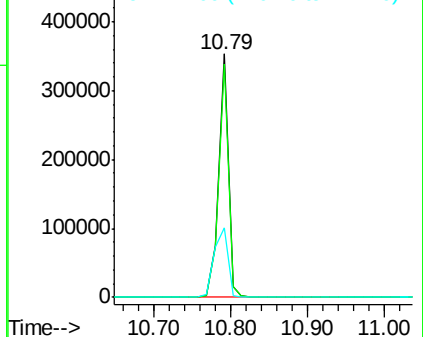
#41
 2,4,6-Tribromophenol
 Concen: 133.06 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085260.D
 Acq: 8 Mar 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BL

Tgt Ion:330 Resp: 311629
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.1 115.7
 141 40.3 35.0 52.6

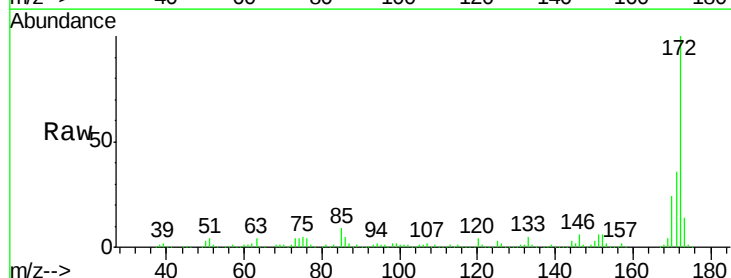


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

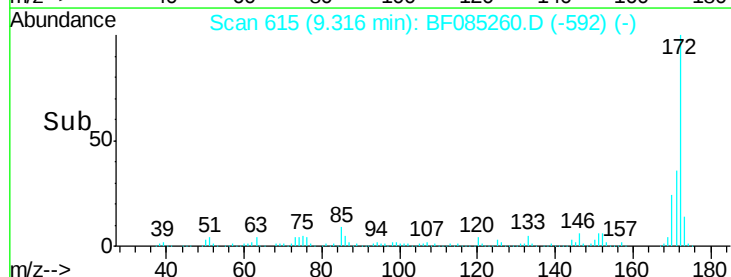
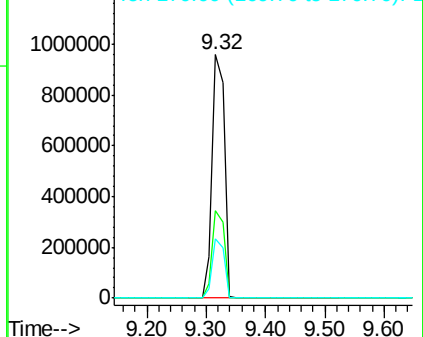


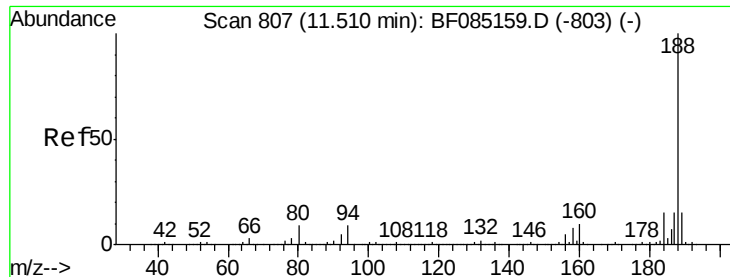
#44
 2-Fluorobiphenyl
 Concen: 75.92 ng
 RT: 9.32 min Scan# 615
 Delta R.T. -0.03 min
 Lab File: BF085260.D
 Acq: 8 Mar 2016 17:21

Tgt Ion:172 Resp: 1366324
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.3 43.9
 170 24.4 20.0 30.0



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

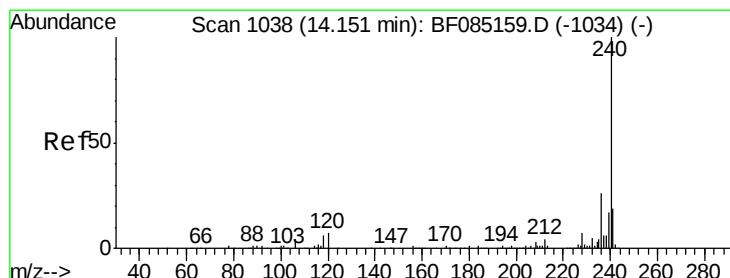
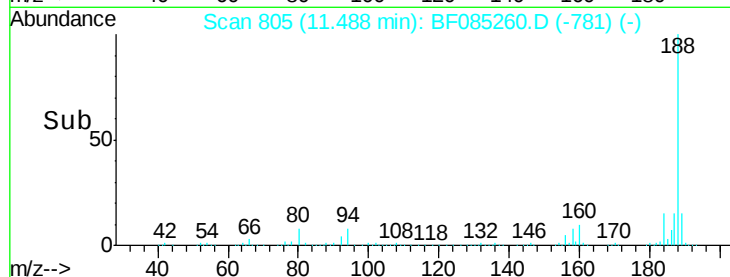
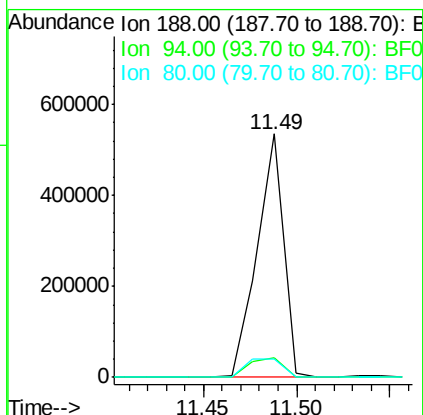
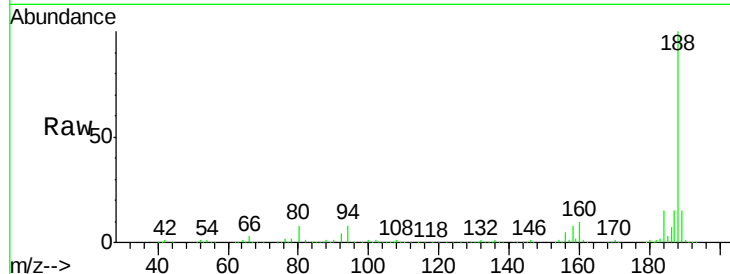




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085260.D
Acq: 8 Mar 2016 17:21

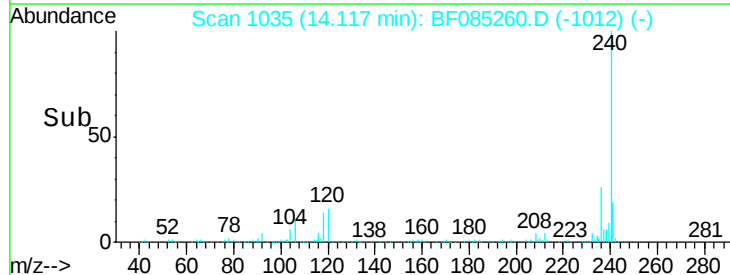
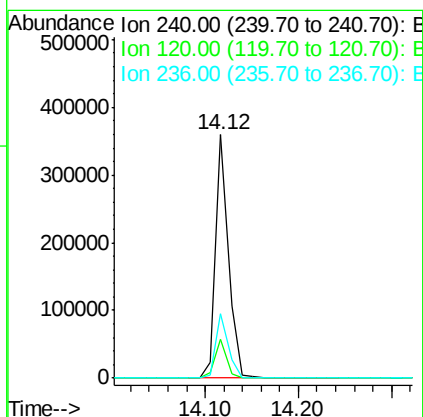
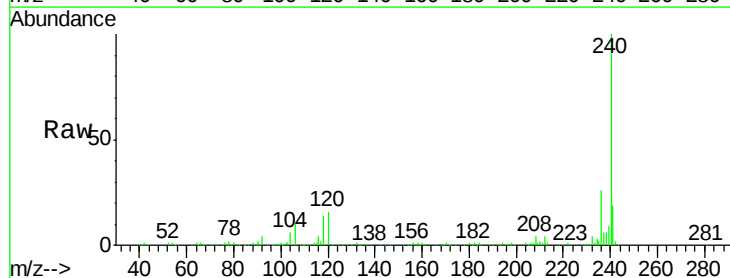
Instrument :
BNA_F
ClientSampleId :
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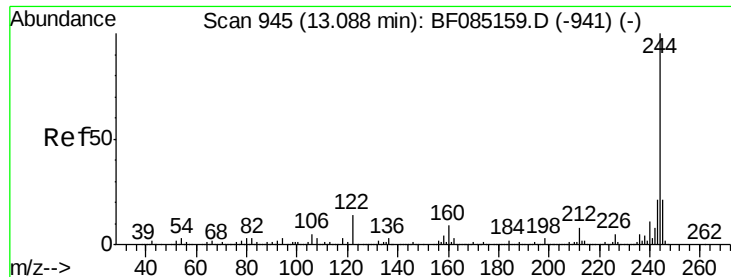
Tgt Ion:188 Resp: 524675
Ion Ratio Lower Upper
188 100
94 7.8 7.0 10.6
80 7.5 7.4 11.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF085260.D
Acq: 8 Mar 2016 17:21

Tgt Ion:240 Resp: 342924
Ion Ratio Lower Upper
240 100
120 16.0 5.3 7.9#
236 26.4 20.7 31.1

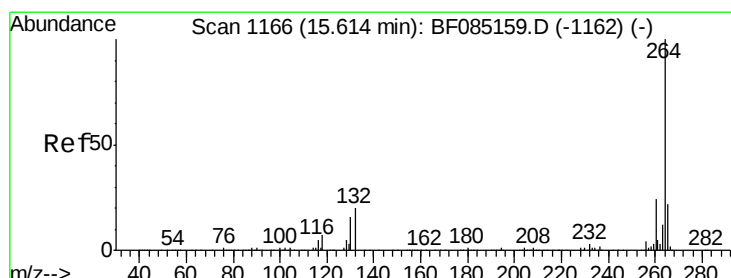
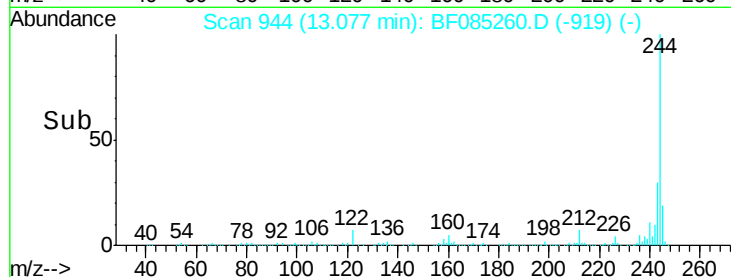
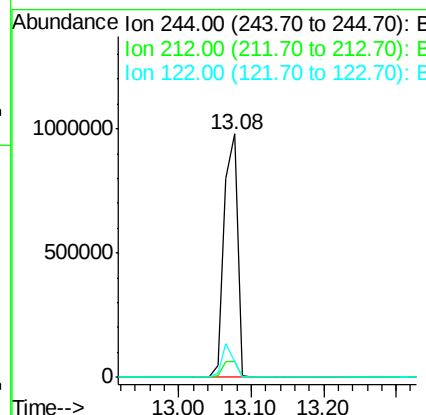
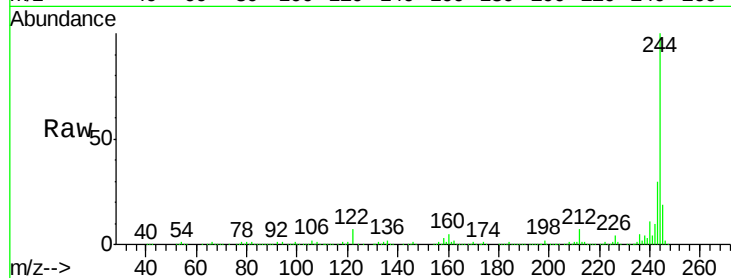




#78
 Terphenyl-d14
 Concen: 85.79 ng
 RT: 13.08 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF085260.D
 Acq: 8 Mar 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88766BL

Tgt Ion:244 Resp: 1267254
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.4 9.6
 122 6.6 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1163
 Delta R.T. -0.03 min
 Lab File: BF085260.D
 Acq: 8 Mar 2016 17:21

Tgt Ion:264 Resp: 266252
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.6 17.3 25.9

