

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
 Data File : BF081567.D
 Acq On : 9 Sep 2015 22:50
 Operator : UM/IZ
 Sample : G3582-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY-I-8-001

Quant Time: Sep 10 05:25:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 04:43:26 2015
 Response via : Initial Calibration

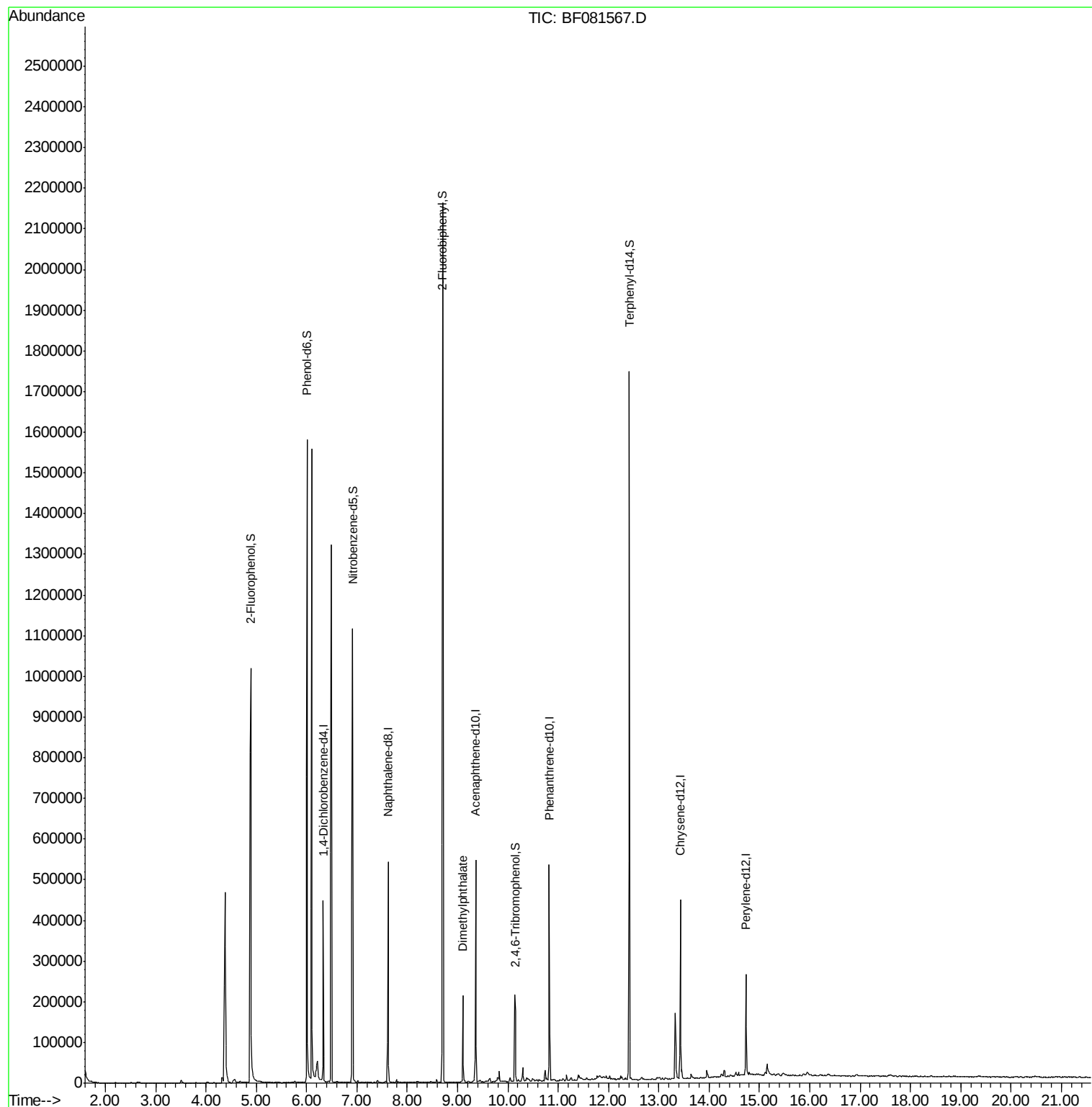
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.33	152	56672	20.00	ng	0.00
21) Naphthalene-d8	7.62	136	218813	20.00	ng	0.00
38) Acenaphthene-d10	9.36	164	100353	20.00	ng	-0.01
63) Phenanthrene-d10	10.82	188	185886	20.00	ng	-0.01
75) Chrysene-d12	13.43	240	145288	20.00	ng	-0.01
86) Perylene-d12	14.73	264	101767	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	355144	97.23	ng	0.02
7) Phenol-d6	6.01	99	521140	107.79	ng	0.00
23) Nitrobenzene-d5	6.91	82	366577	80.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.15	330	26370	29.51	ng	-0.01
44) 2-Fluorobiphenyl	8.71	172	635230	81.12	ng	0.00
78) Terphenyl-d14	12.41	244	495755	79.43	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.11	163	72246	9.27	ng	Qvalue # 97

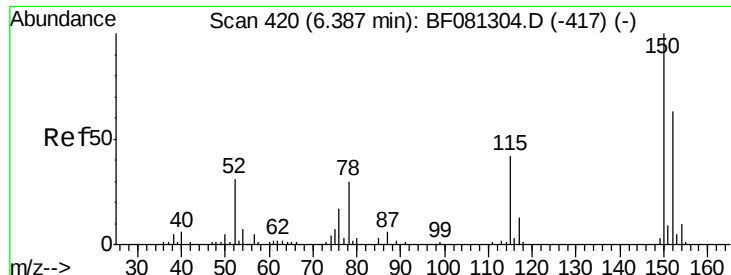
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF081567.D

Acq: 9 Sep 2015 22:50

Instrument :

BNA_F

ClientSampleId :

LIBERTY-I-8-001

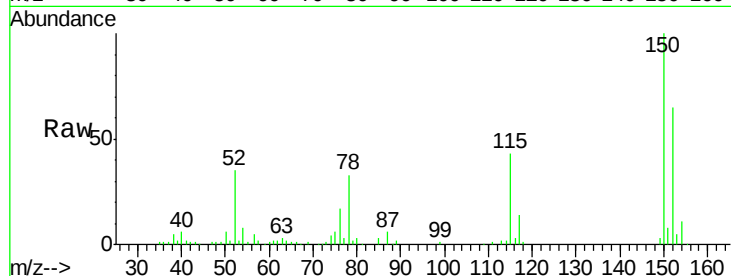
Tgt Ion:152 Resp: 56672

Ion Ratio Lower Upper

152 100

150 153.3 124.7 187.1

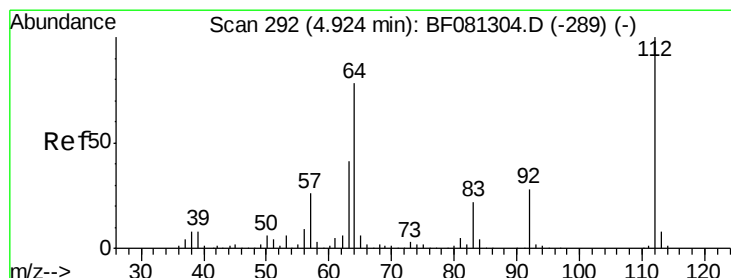
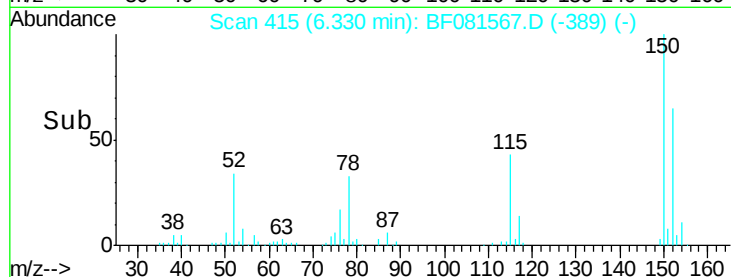
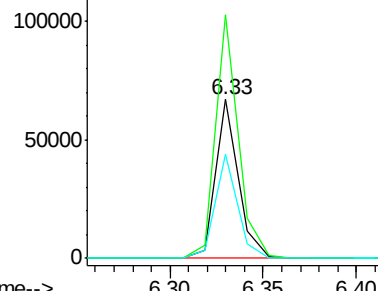
115 65.4 39.0 58.4#



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: 97.23 ng

RT: 4.89 min Scan# 289

Delta R.T. 0.02 min

Lab File: BF081567.D

Acq: 9 Sep 2015 22:50

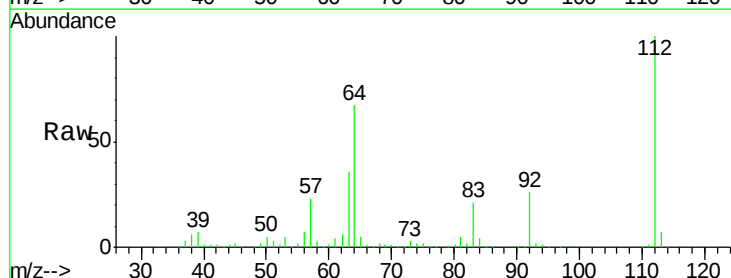
Tgt Ion:112 Resp: 355144

Ion Ratio Lower Upper

112 100

64 66.7 39.7 59.5#

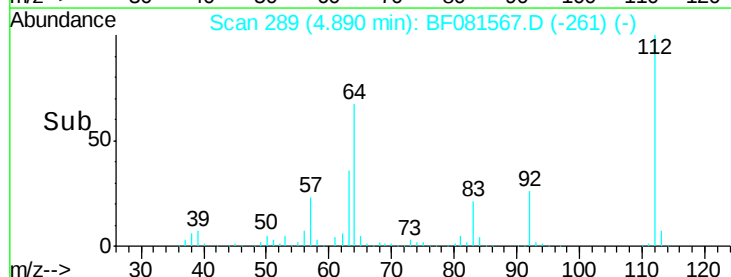
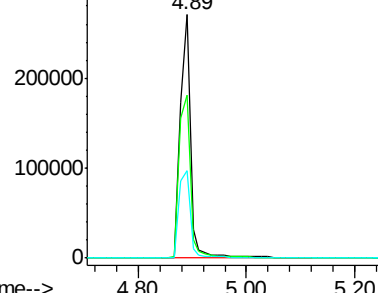
63 35.9 17.4 26.0#



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: 107.79 ng

RT: 6.01 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF081567.D

Acq: 9 Sep 2015 22:50

Instrument :

BNA_F

ClientSampleId :

LIBERTY-I-8-001

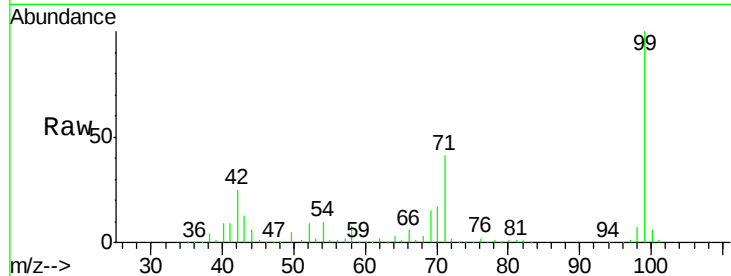
Tgt Ion: 99 Resp: 521140

Ion Ratio Lower Upper

99 100

42 24.8 13.7 20.5#

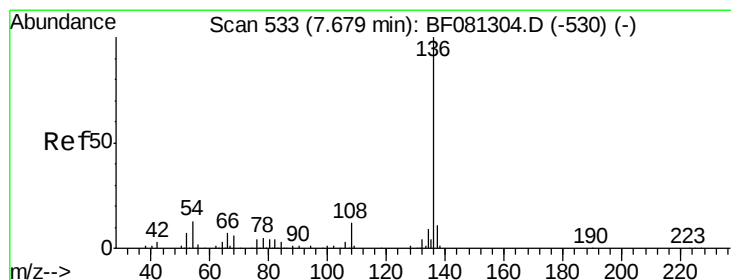
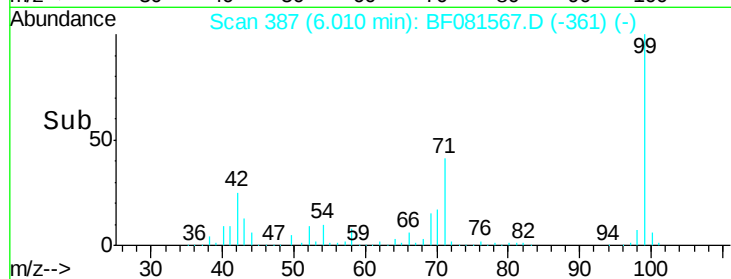
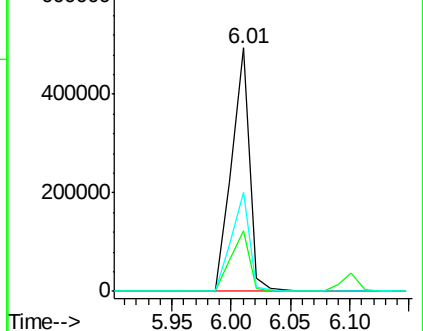
71 40.5 14.2 21.2#



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: 7.62 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF081567.D

Acq: 9 Sep 2015 22:50

Tgt Ion: 136 Resp: 218813

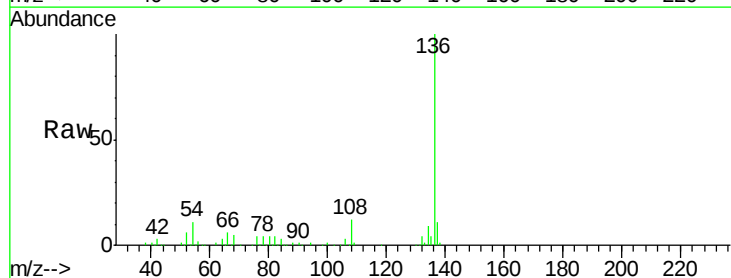
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 11.3 8.2 12.2

68 5.3 5.8 8.6#

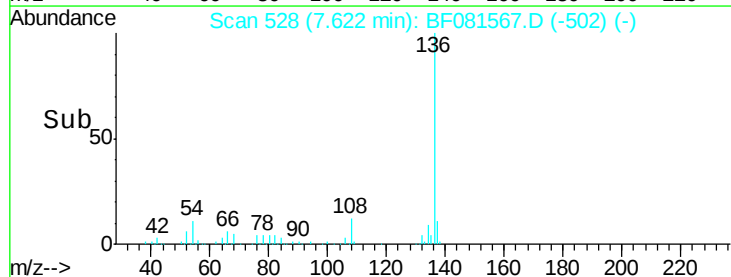
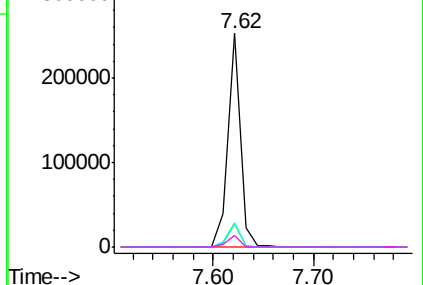


Abundance Ion 136.00 (135.70 to 136.70): E

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

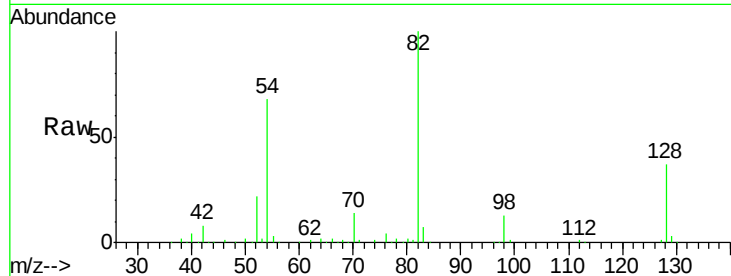




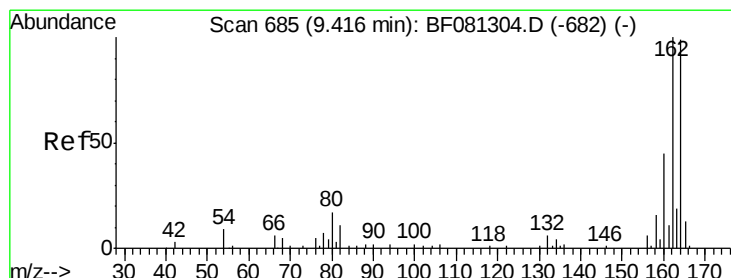
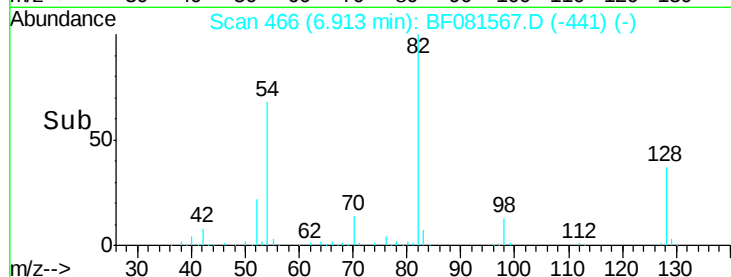
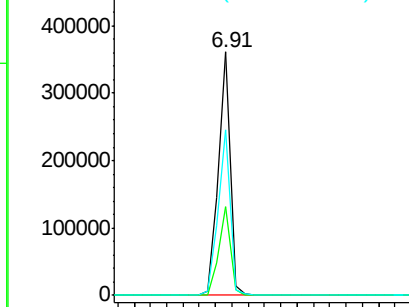
#23
 Nitrobenzene-d5
 Concen: 80.83 ng
 RT: 6.91 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF081567.D
 Acq: 9 Sep 2015 22:50

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY-I-8-001

Tgt Ion: 82 Resp: 366577
 Ion Ratio Lower Upper
 82 100
 128 36.5 51.0 76.6#
 54 67.9 47.5 71.3

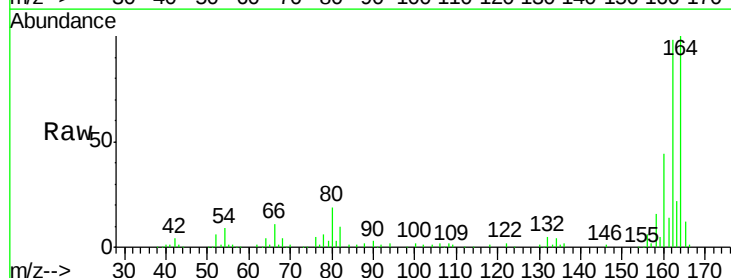


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

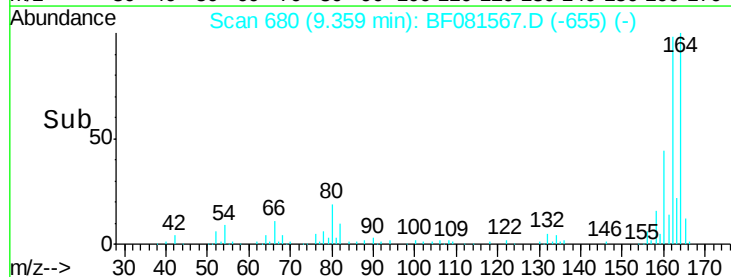
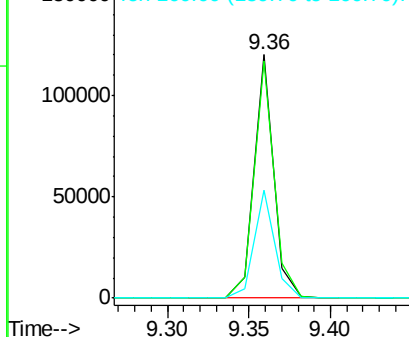


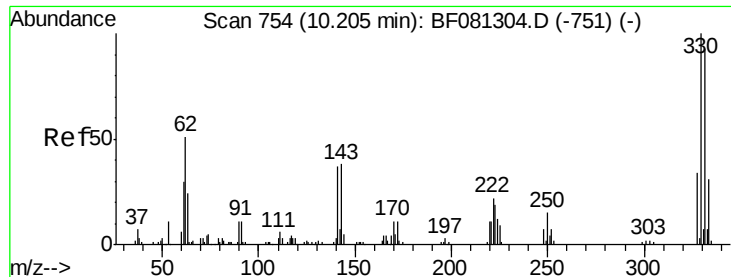
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF081567.D
 Acq: 9 Sep 2015 22:50

Tgt Ion: 164 Resp: 100353
 Ion Ratio Lower Upper
 164 100
 162 97.6 75.2 112.8
 160 44.4 31.5 47.3



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

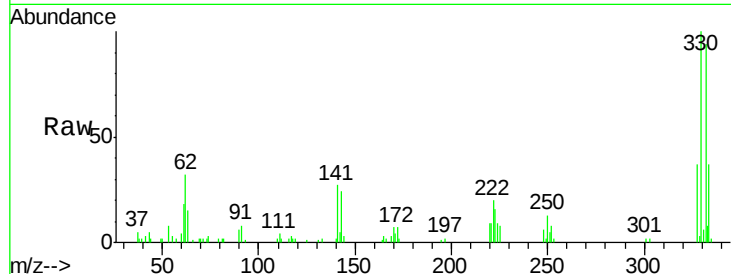




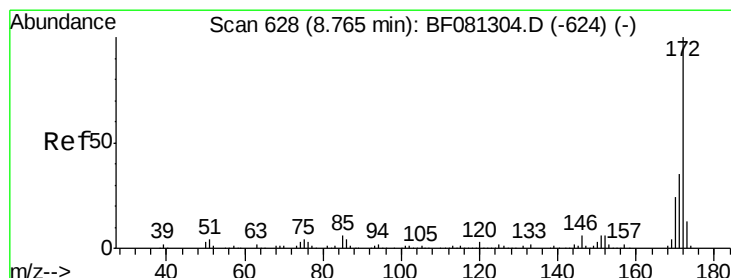
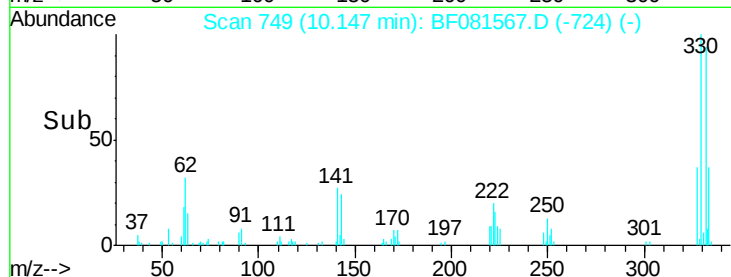
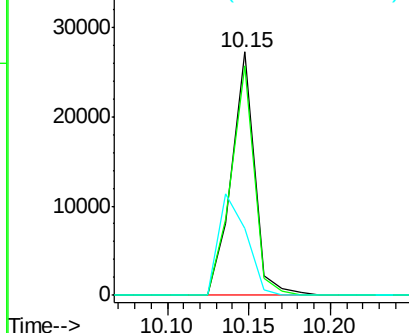
#41
 2,4,6-Tribromophenol
 Concen: 29.51 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF081567.D
 Acq: 9 Sep 2015 22:50

Instrument :
 BNA_F
 ClientSampleId :
 LIBERTY-I-8-001

Tgt Ion:330 Resp: 26370
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 50.6 29.7 44.5#

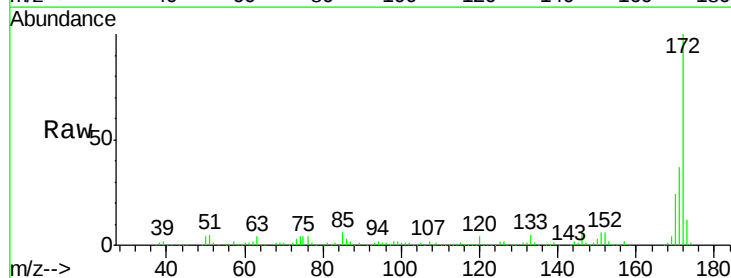


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

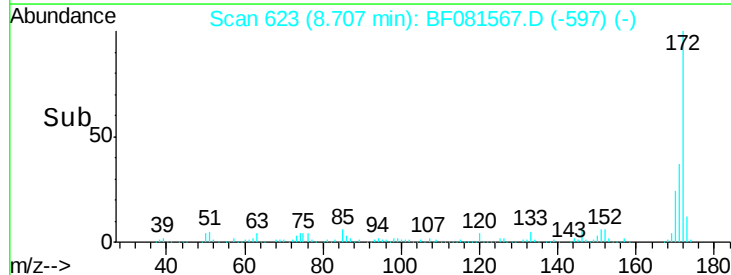
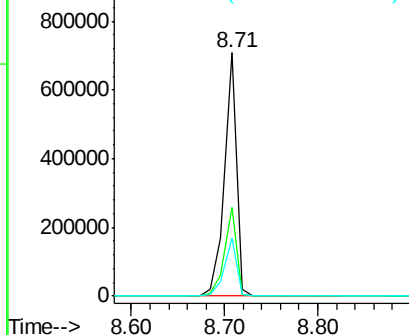


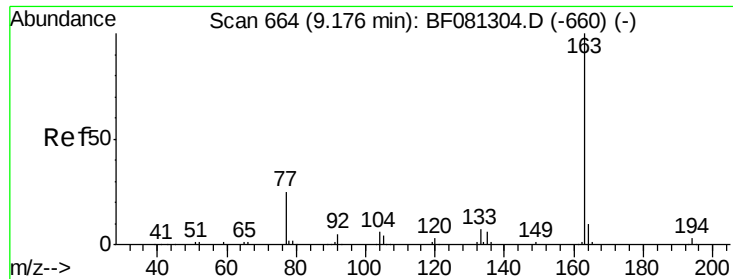
#44
 2-Fluorobiphenyl
 Concen: 81.12 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF081567.D
 Acq: 9 Sep 2015 22:50

Tgt Ion:172 Resp: 635230
 Ion Ratio Lower Upper
 172 100
 171 36.6 26.1 39.1
 170 24.1 17.4 26.2



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

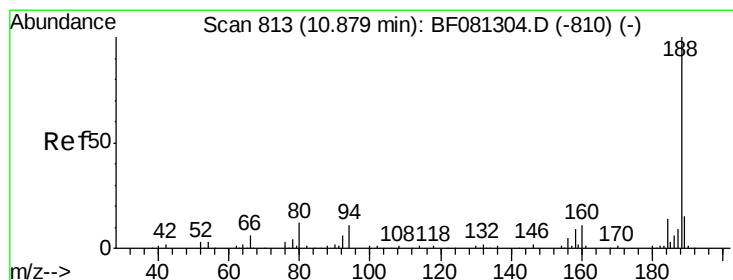
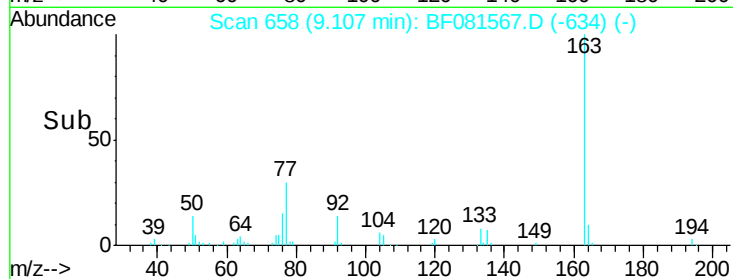
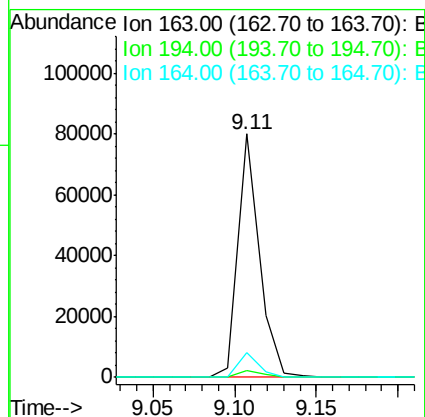
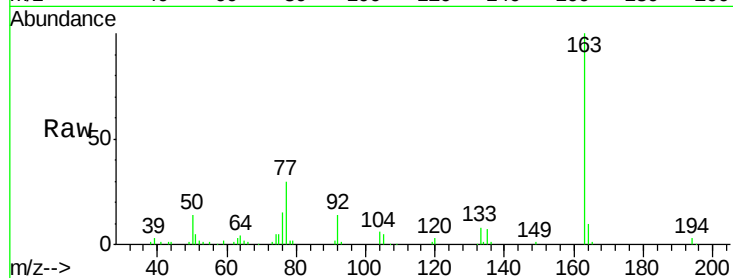




#49
Dimethylphthalate
Concen: 9.27 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.02 min
Lab File: BF081567.D
Acq: 9 Sep 2015 22:50

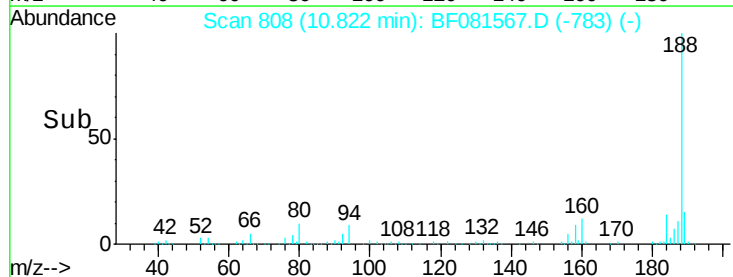
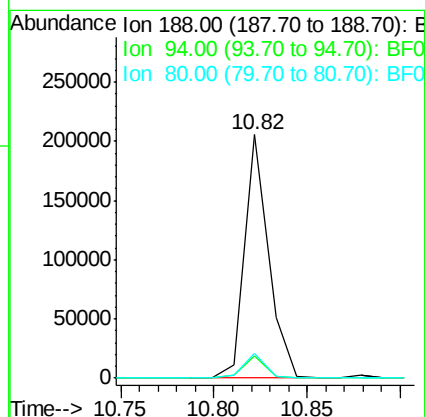
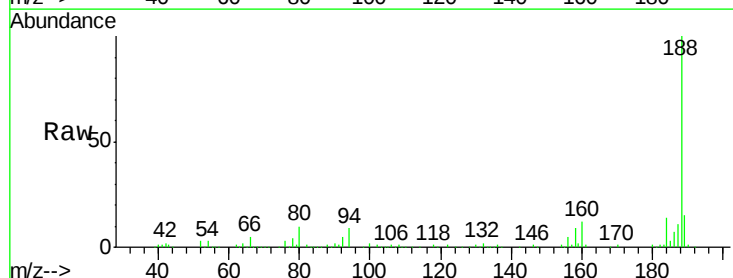
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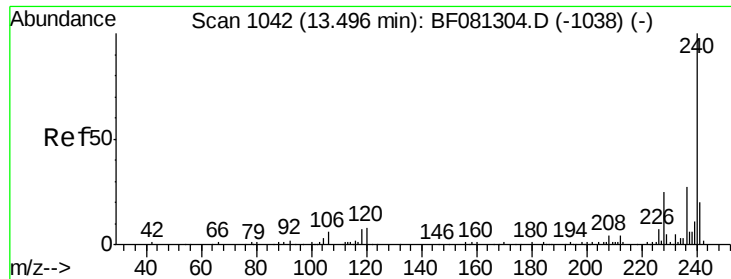
Tgt Ion:163 Resp: 72246
Ion Ratio Lower Upper
163 100
194 2.7 4.4 6.6#
164 10.4 8.3 12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF081567.D
Acq: 9 Sep 2015 22:50

Tgt Ion:188 Resp: 185886
Ion Ratio Lower Upper
188 100
94 9.0 11.1 16.7#
80 10.4 11.0 16.4#

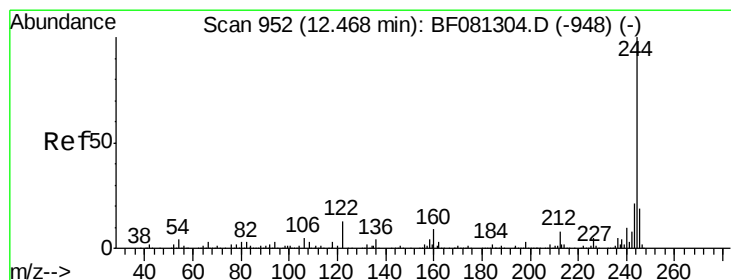
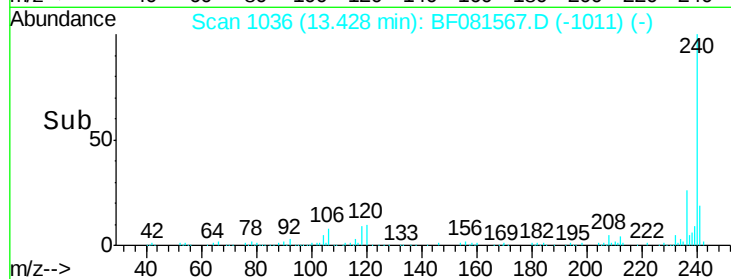
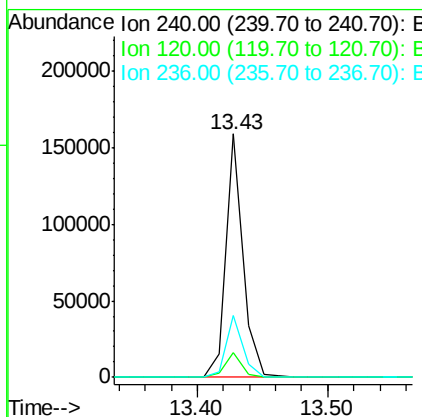
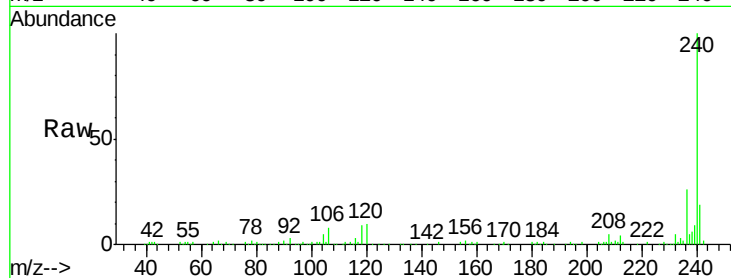




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF081567.D
 Acq: 9 Sep 2015 22:50

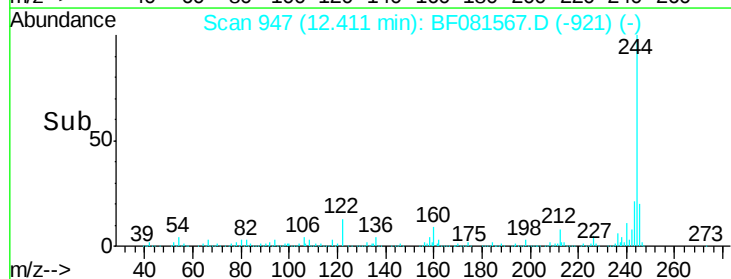
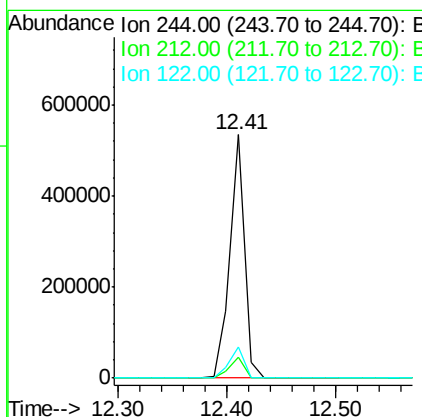
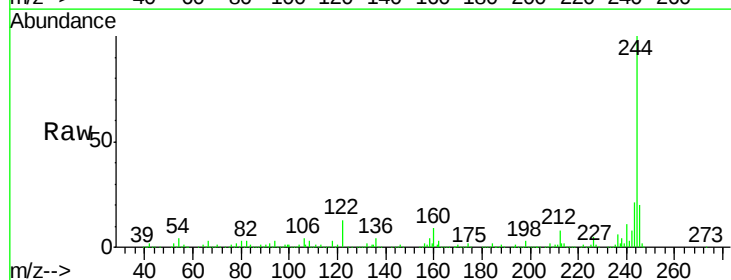
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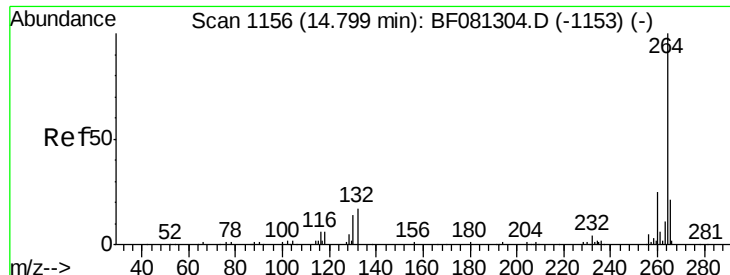
Tgt Ion:240 Resp: 145288
 Ion Ratio Lower Upper
 240 100
 120 10.3 16.2 24.2#
 236 25.6 18.4 27.6



#78
 Terphenyl-d14
 Concen: 79.43 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF081567.D
 Acq: 9 Sep 2015 22:50

Tgt Ion:244 Resp: 495755
 Ion Ratio Lower Upper
 244 100
 212 8.4 4.3 6.5#
 122 12.7 17.4 26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF081567.D
Acq: 9 Sep 2015 22:50

Instrument :
BNA_F
ClientSampleId :
LIBERTY-I-8-001

Tgt Ion: 264 Resp: 101767
Ion Ratio Lower Upper
264 100
260 24.4 16.7 25.1
265 21.6 17.2 25.8

