

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083251.D
 Acq On : 24 Nov 2015 22:09
 Operator : UM/IZ
 Sample : PB86744TB
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86744TB

Quant Time: Nov 25 02:11:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	180854	20.00	ng	-0.06
21) Naphthalene-d8	7.90	136	703119	20.00	ng	-0.06
38) Acenaphthene-d10	9.64	164	363448	20.00	ng	-0.06
63) Phenanthrene-d10	11.12	188	687914	20.00	ng	-0.06
75) Chrysene-d12	13.75	240	611393	20.00	ng	-0.06
86) Perylene-d12	15.11	264	456742	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1183270	98.92	ng	-0.07
7) Phenol-d6	6.27	99	1496910	96.71	ng	-0.07
23) Nitrobenzene-d5	7.18	82	983554	63.92	ng	-0.06
41) 2,4,6-Tribromophenol	10.43	330	338477	91.03	ng	-0.06
44) 2-Fluorobiphenyl	8.98	172	1728318	66.31	ng	-0.05
78) Terphenyl-d14	12.71	244	1621916	62.47	ng	-0.06

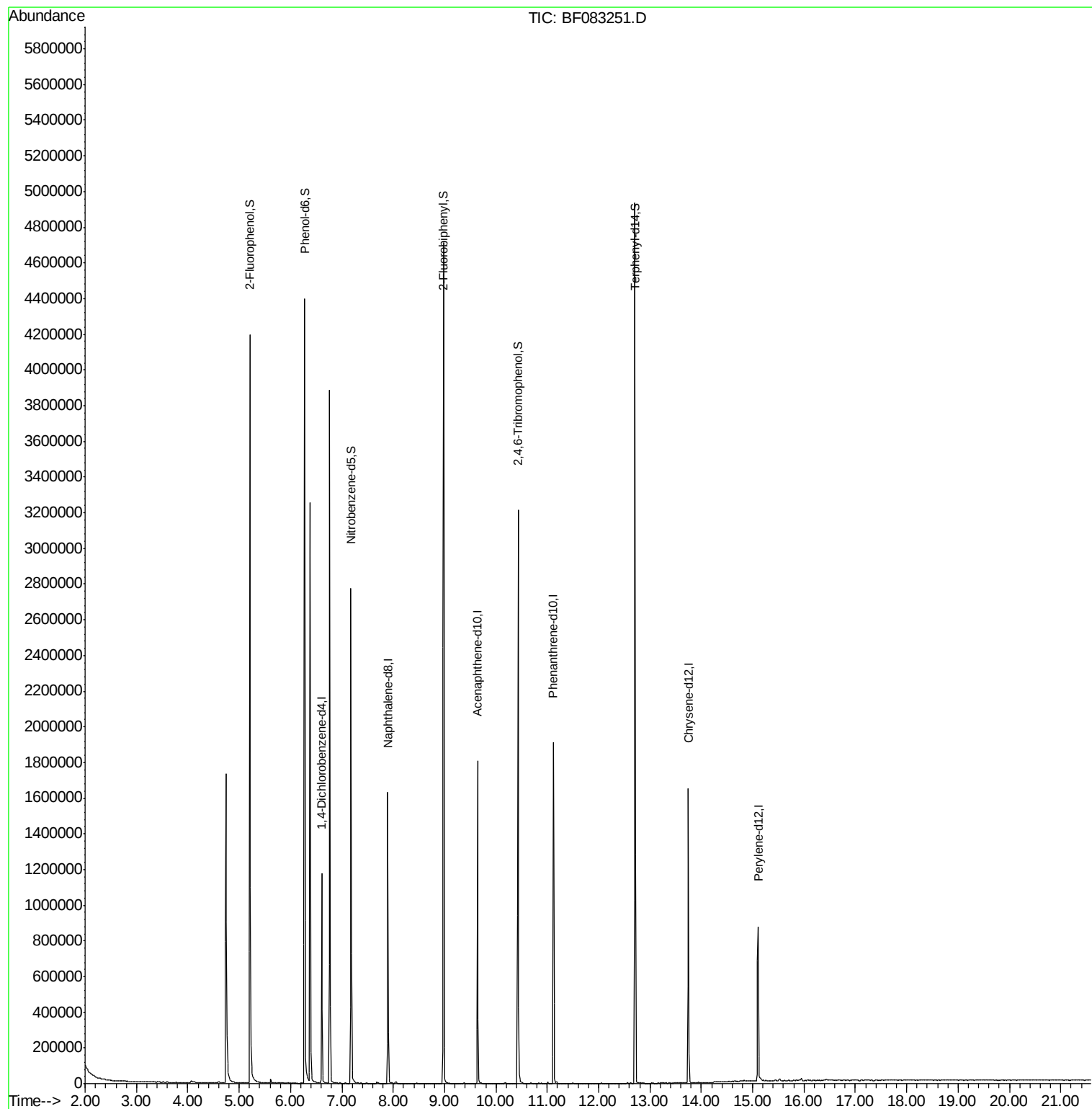
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 25 02:11:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.06 min

Lab File: BF083251.D

Acq: 24 Nov 2015 22:09

Instrument :

BNA_F

ClientSampleId :

PB86744TB

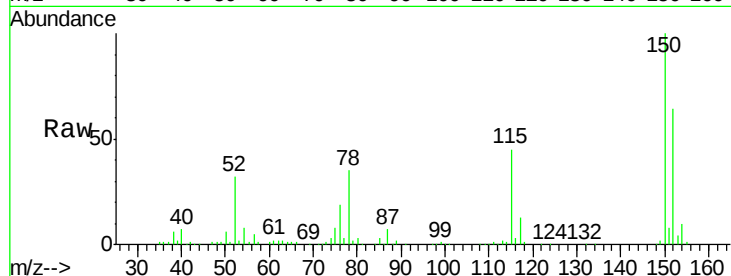
Tgt Ion:152 Resp: 180854

Ion Ratio Lower Upper

152 100

150 156.7 125.8 188.8

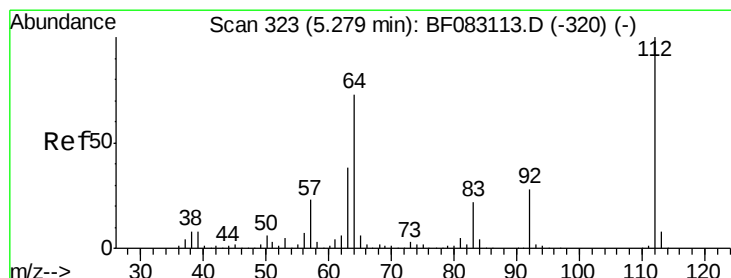
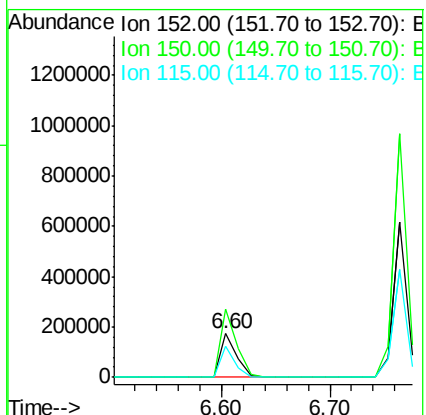
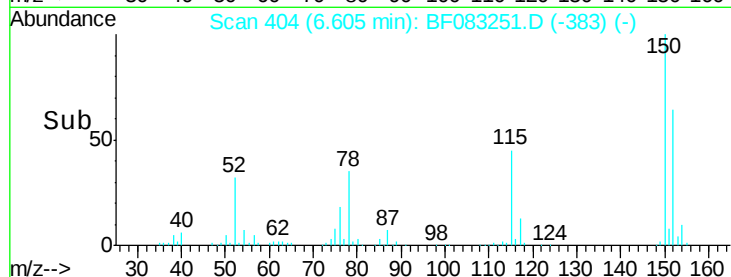
115 70.0 46.9 70.3



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: 98.92 ng

RT: 5.21 min Scan# 282

Delta R.T. -0.07 min

Lab File: BF083251.D

Acq: 24 Nov 2015 22:09

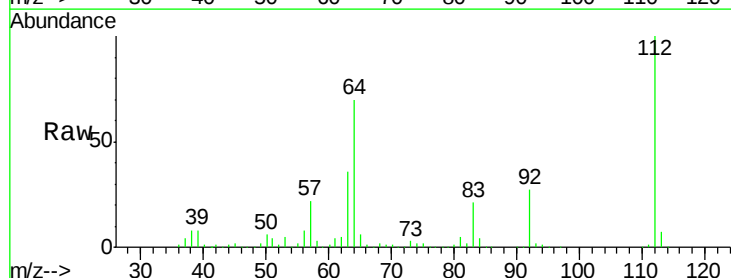
Tgt Ion:112 Resp: 1183270

Ion Ratio Lower Upper

112 100

64 70.3 58.4 87.6

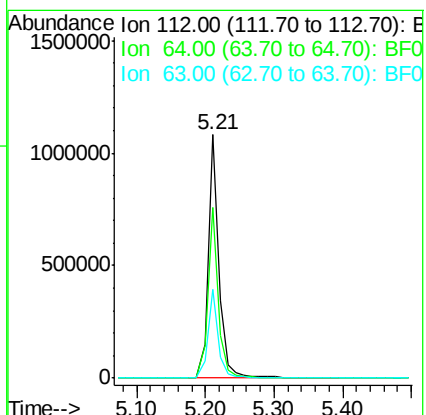
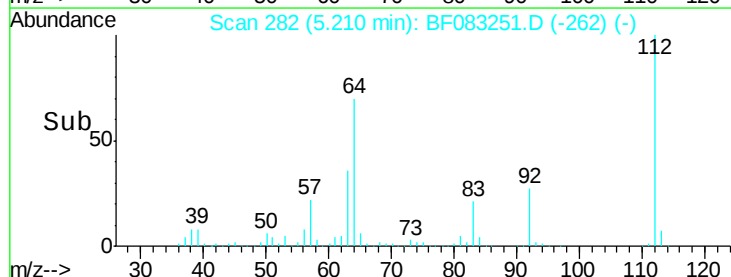
63 36.3 30.0 45.0

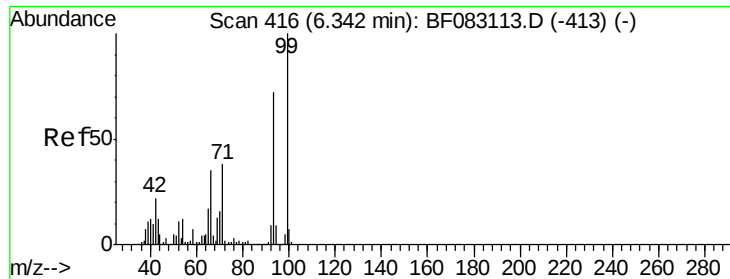


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.71 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.07 min

Lab File: BF083251.D

Acq: 24 Nov 2015 22:09

Instrument :

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PB86744TB

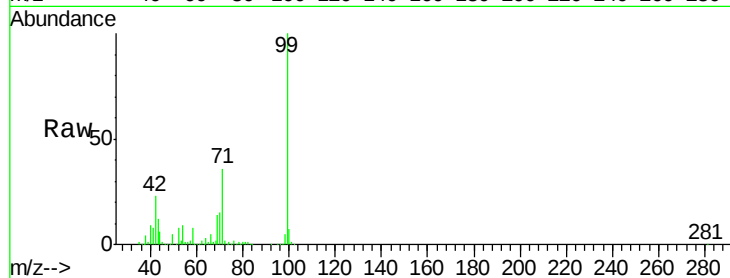
Tgt Ion: 99 Resp: 1496910

Ion Ratio Lower Upper

99 100

42 22.6 17.7 26.5

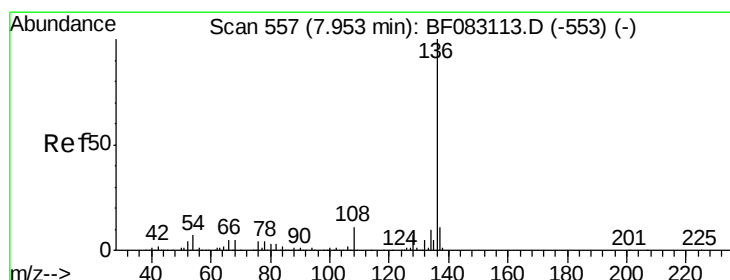
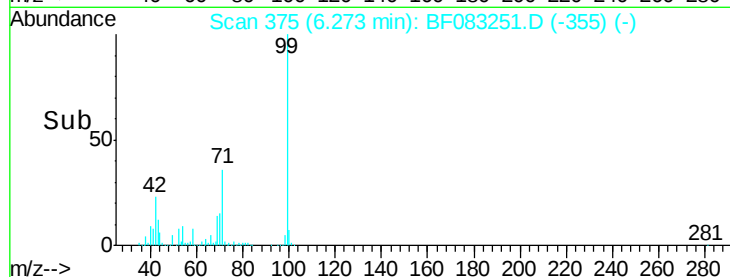
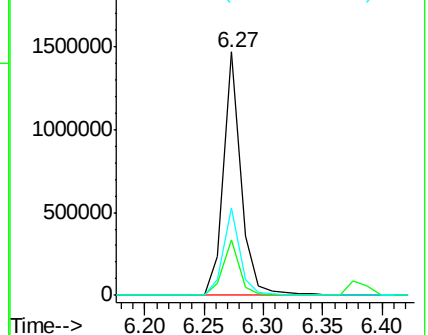
71 35.8 30.2 45.4



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: 7.90 min Scan# 517

Delta R.T. -0.06 min

Lab File: BF083251.D

Acq: 24 Nov 2015 22:09

Tgt Ion: 136 Resp: 703119

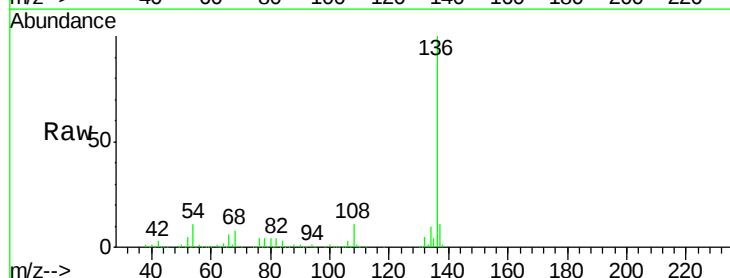
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.1 5.8 8.6#

68 7.6 3.8 5.8#

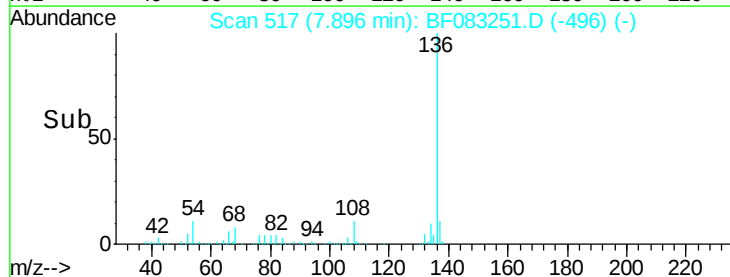
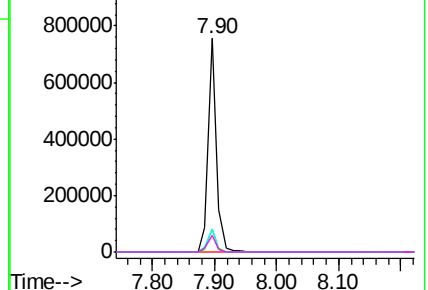


Abundance Ion 136.00 (135.70 to 136.70): E

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

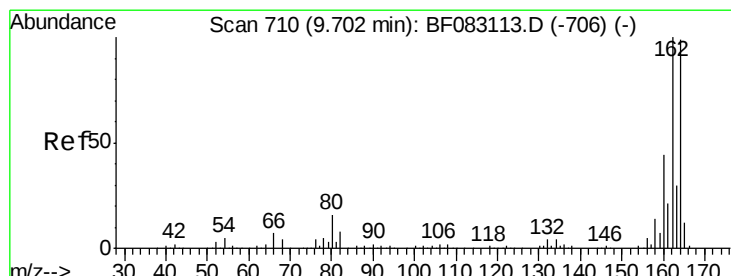
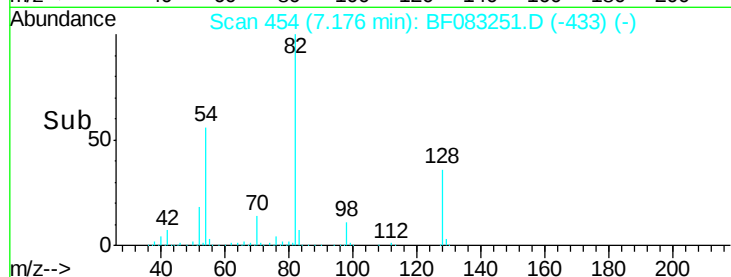
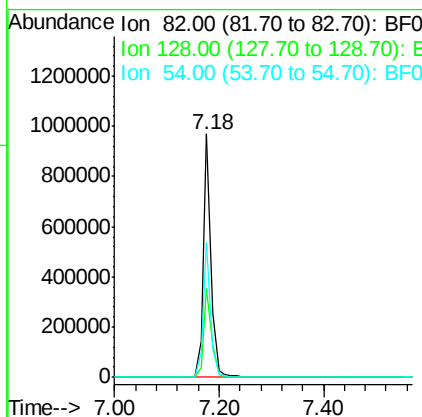
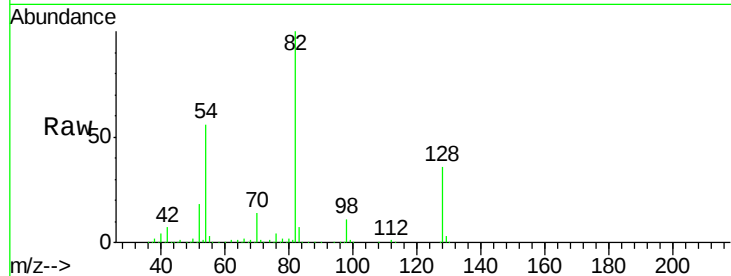




#23
 Nitrobenzene-d5
 Concen: 63.92 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.06 min
 Lab File: BF083251.D
 Acq: 24 Nov 2015 22:09

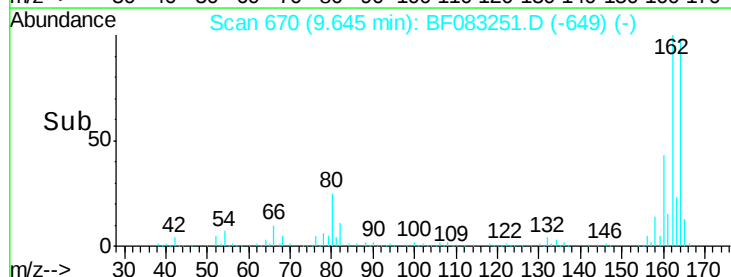
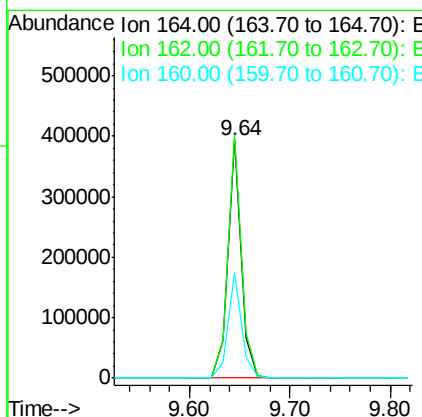
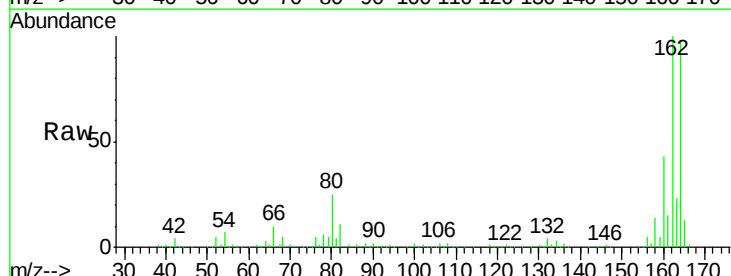
Instrument :
 BNA_F
 ClientSampleId :
 PB86744TB

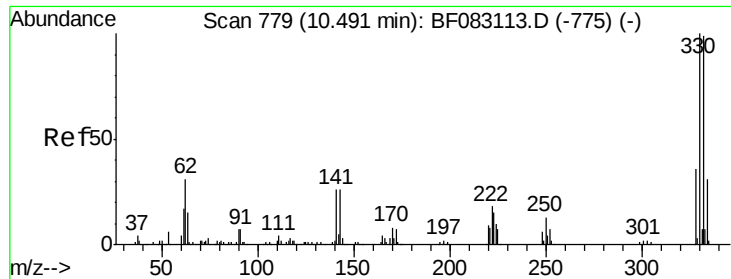
Tgt Ion: 82 Resp: 983554
 Ion Ratio Lower Upper
 82 100
 128 36.3 28.5 42.7
 54 55.5 44.6 67.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 670
 Delta R.T. -0.06 min
 Lab File: BF083251.D
 Acq: 24 Nov 2015 22:09

Tgt Ion: 164 Resp: 363448
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.2 121.8
 160 44.4 35.6 53.4

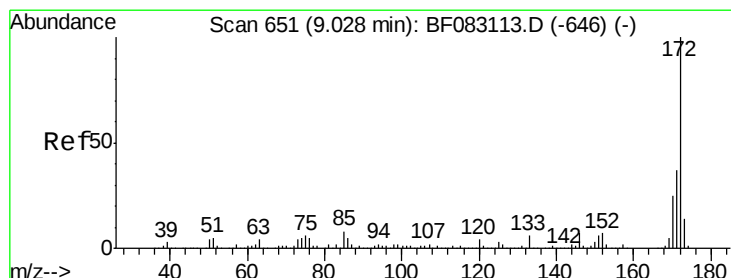
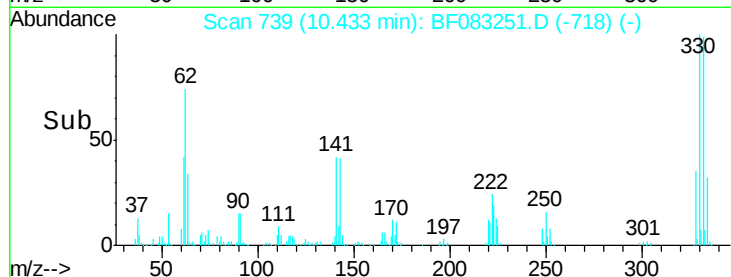
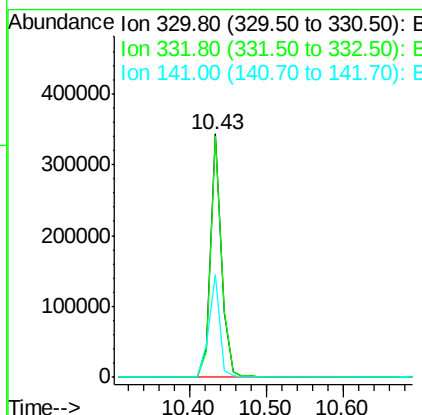
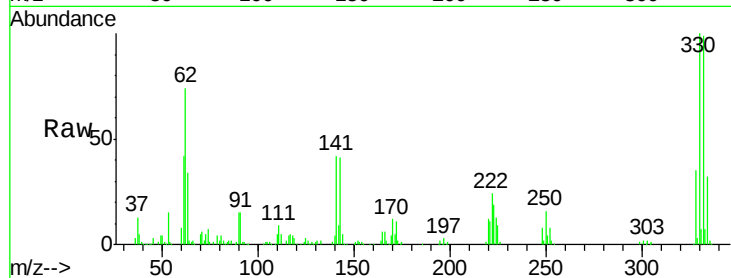




#41
 2,4,6-Tribromophenol
 Concen: 91.03 ng
 RT: 10.43 min Scan# 739
 Delta R.T. -0.06 min
 Lab File: BF083251.D
 Acq: 24 Nov 2015 22:09

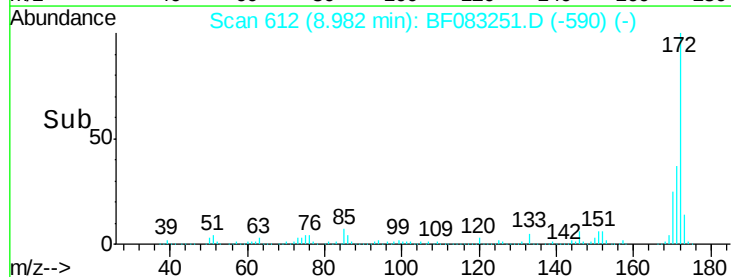
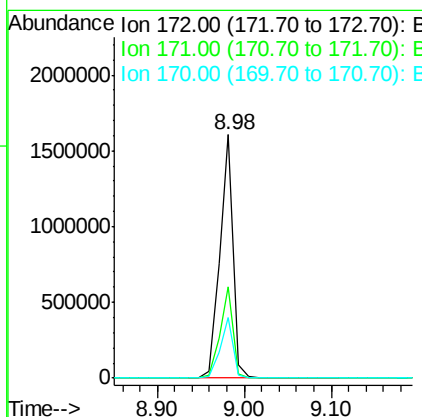
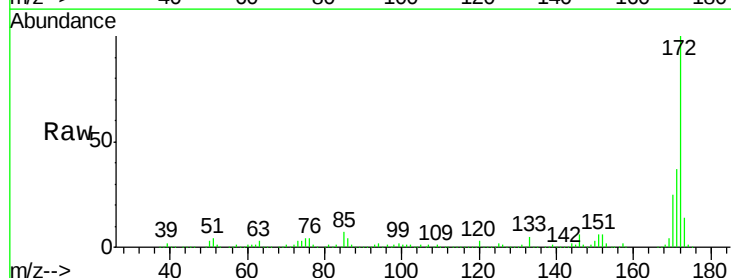
Instrument :
 BNA_F
 ClientSampleId :
 PB86744TB

Tgt Ion:330 Resp: 338477
 Ion Ratio Lower Upper
 330 100
 332 99.0 77.7 116.5
 141 41.8 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 66.31 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF083251.D
 Acq: 24 Nov 2015 22:09

Tgt Ion:172 Resp: 1728318
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.5 44.3
 170 25.1 19.9 29.9

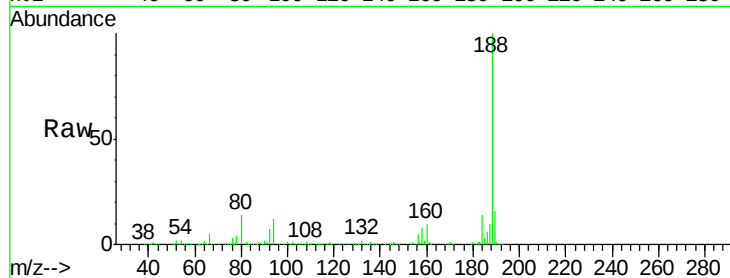




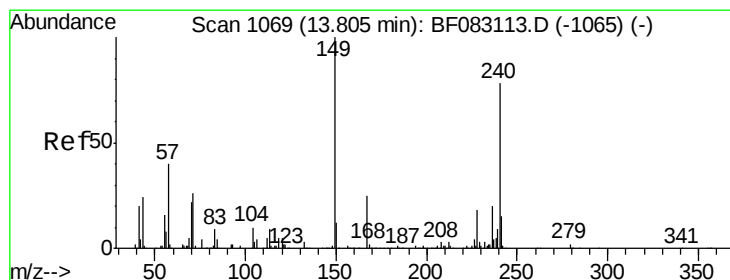
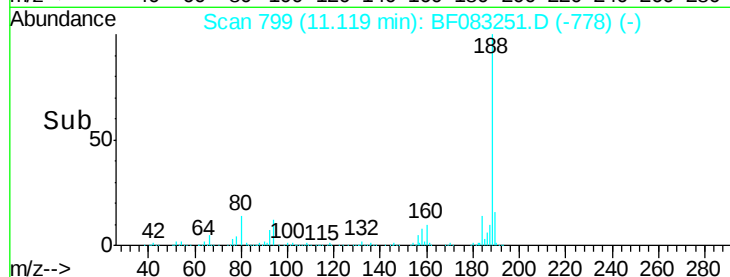
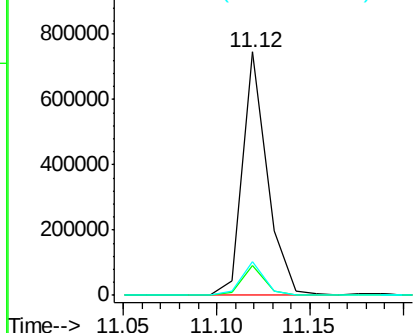
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 799
Delta R.T. -0.06 min
Lab File: BF083251.D
Acq: 24 Nov 2015 22:09

Instrument :
BNA_F
ClientSampleId :
PB86744TB

Tgt Ion:188 Resp: 687914
Ion Ratio Lower Upper
188 100
94 12.1 6.0 9.0#
80 13.8 6.7 10.1#

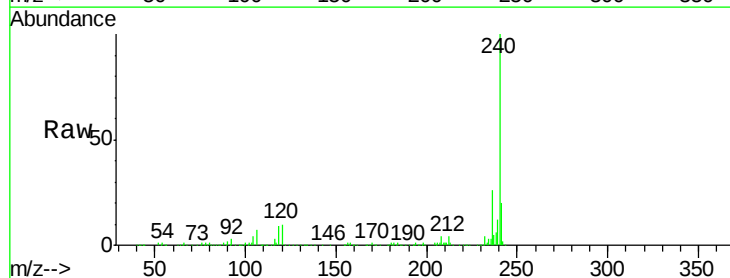


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

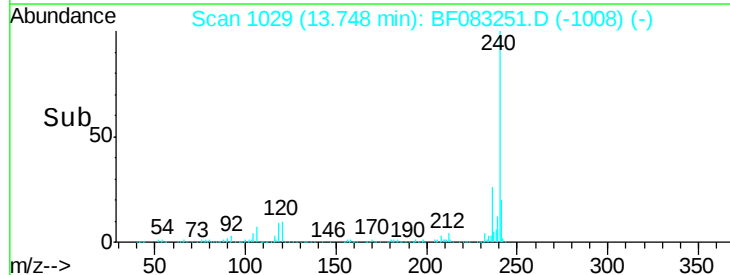
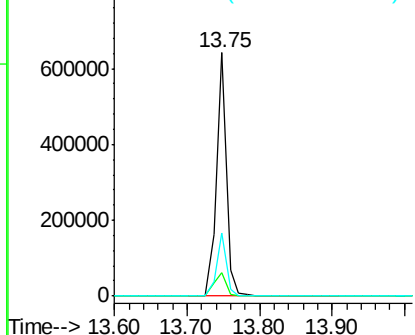


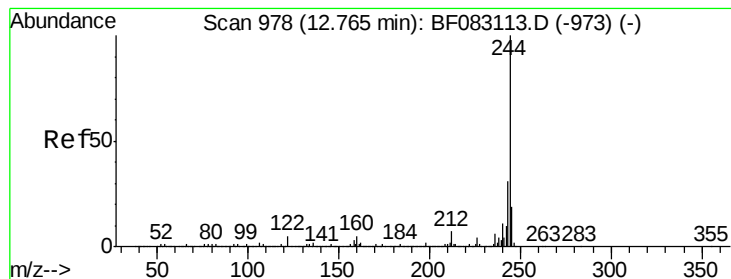
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1029
Delta R.T. -0.06 min
Lab File: BF083251.D
Acq: 24 Nov 2015 22:09

Tgt Ion:240 Resp: 611393
Ion Ratio Lower Upper
240 100
120 9.7 5.4 8.2#
236 26.2 20.6 31.0



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: 62.47 ng

RT: 12.71 min Scan# 938

Delta R.T. -0.06 min

Lab File: BF083251.D

Acq: 24 Nov 2015 22:09

Instrument :

BNA_F

ClientSampleId :

PB86744TB

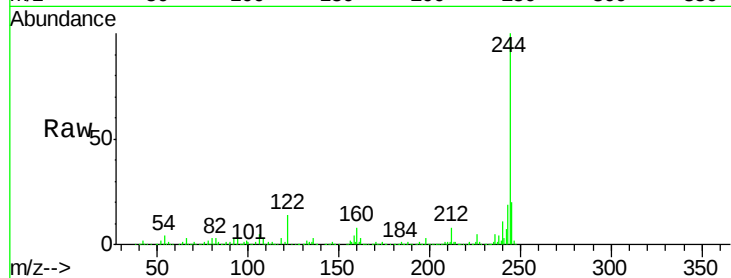
Tgt Ion:244 Resp: 1621916

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.2

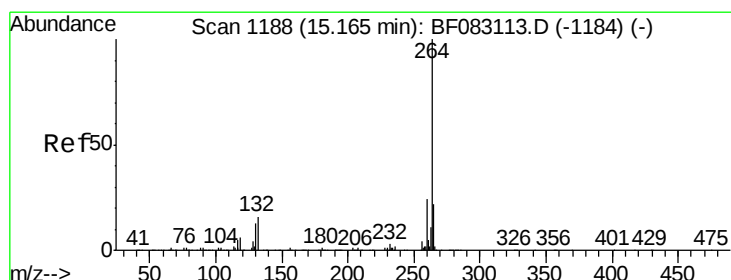
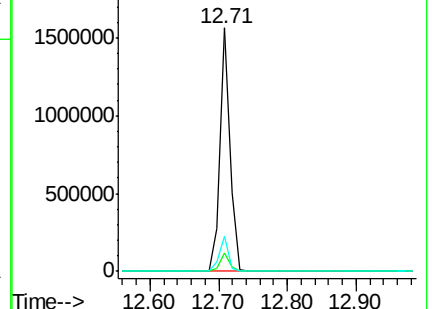
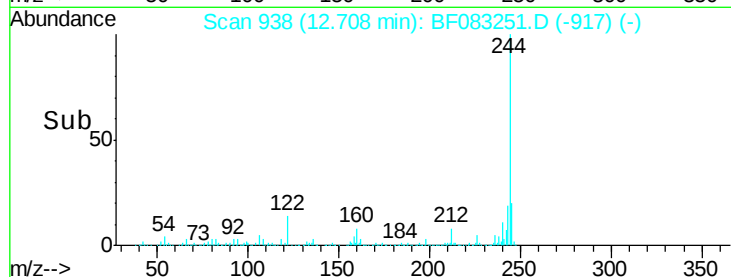
122 14.2 4.3 6.5#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.11 min Scan# 1148

Delta R.T. -0.06 min

Lab File: BF083251.D

Acq: 24 Nov 2015 22:09

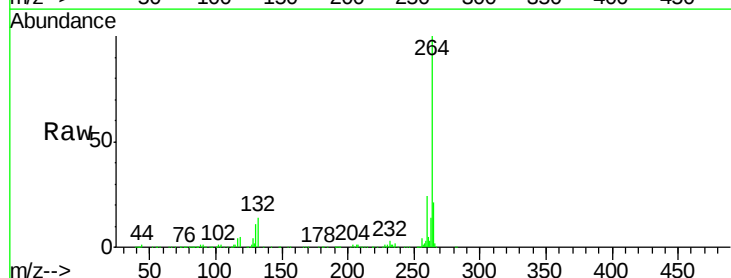
Tgt Ion:264 Resp: 456742

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 20.9 18.2 27.4



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

