

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
 Data File : BF084334.D
 Acq On : 8 Jan 2016 18:10
 Operator : SJ/UM
 Sample : PB87715BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87715BL

Quant Time: Jan 09 00:22:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	268019	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1149065	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	534856	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	1027893	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	803103	20.00	ng	-0.05
86) Perylene-d12	15.44	264	562033	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1555407	93.87	ng	-0.02
7) Phenol-d6	6.50	99	1964085	94.38	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1268794	61.45	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	440649	81.60	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1898574	60.63	ng	-0.05
78) Terphenyl-d14	12.97	244	1884774	52.39	ng	-0.05

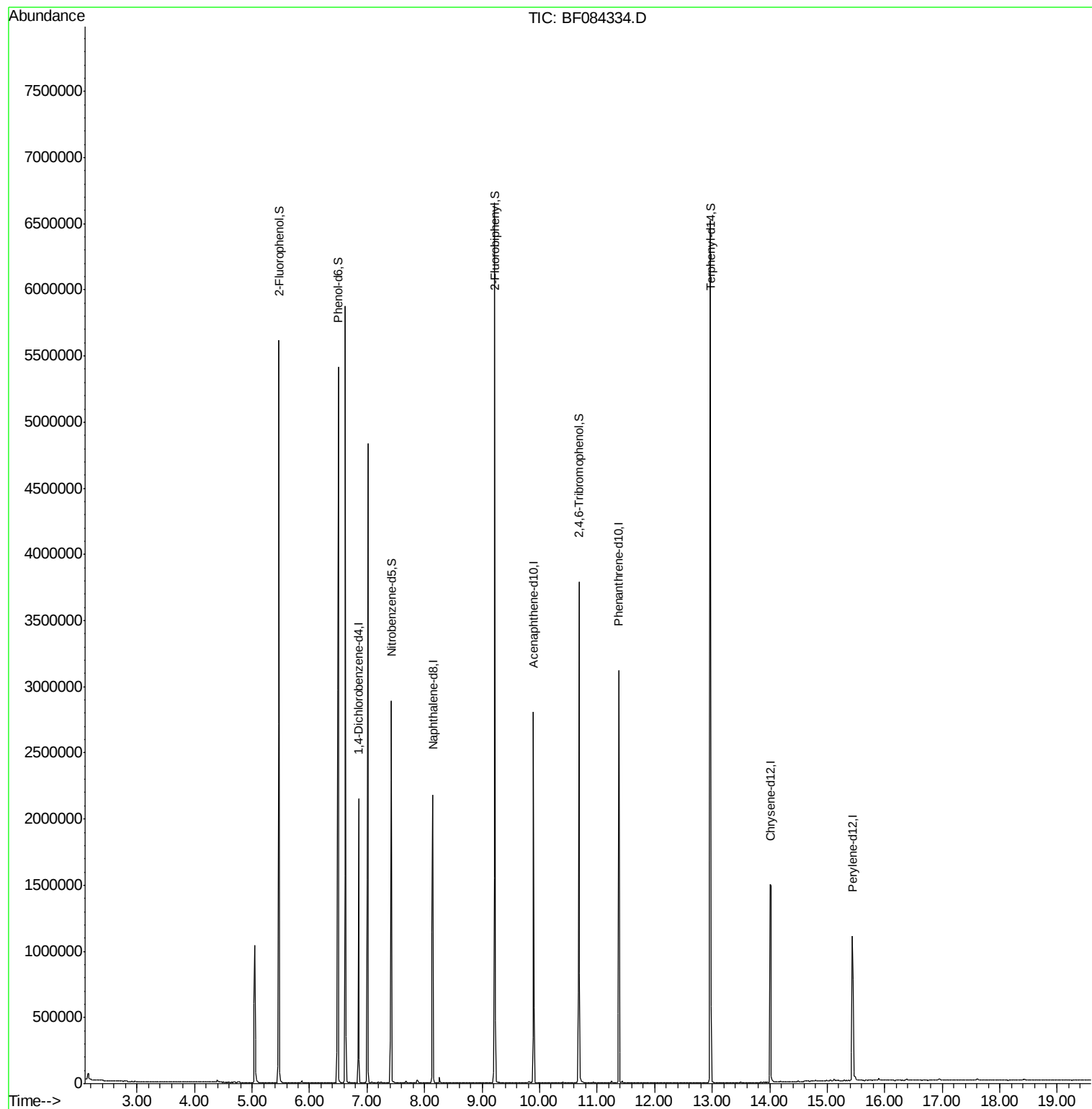
Target Compounds	Qvalue
------------------	--------

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
Data File : BF084334.D
Acq On : 8 Jan 2016 18:10
Operator : SJ/UM
Sample : PB87715BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87715BL

Quant Time: Jan 09 00:22:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084334.D

Acq: 8 Jan 2016 18:10

Instrument :

BNA_F

ClientSampleId :

PB87715BL

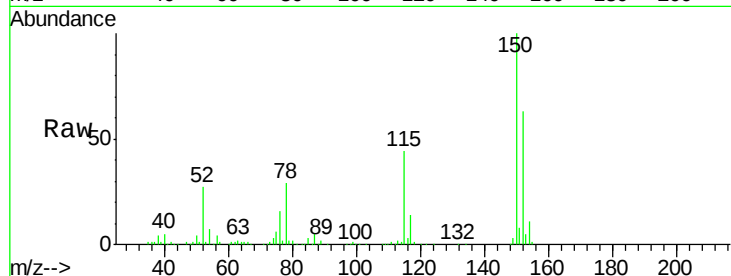
Tgt Ion:152 Resp: 268019

Ion Ratio Lower Upper

152 100

150 157.7 123.0 184.4

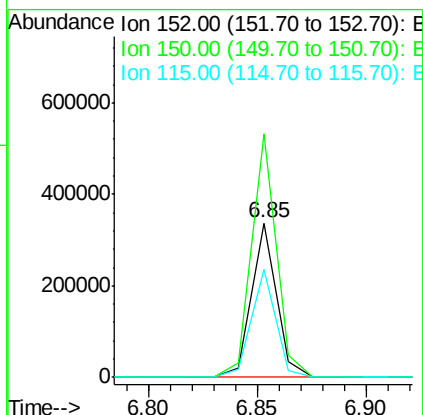
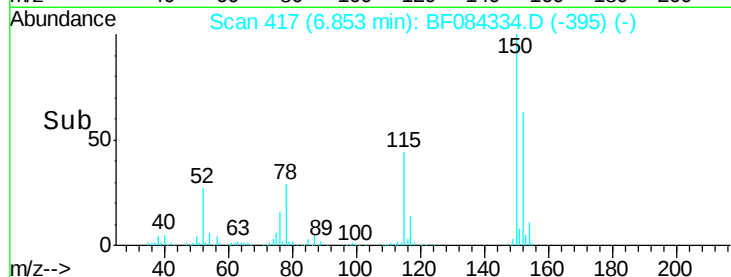
115 69.7 51.4 77.2



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: 93.87 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084334.D

Acq: 8 Jan 2016 18:10

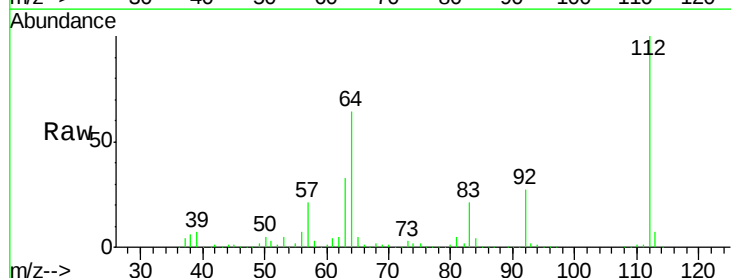
Tgt Ion:112 Resp: 1555407

Ion Ratio Lower Upper

112 100

64 63.6 36.6 55.0#

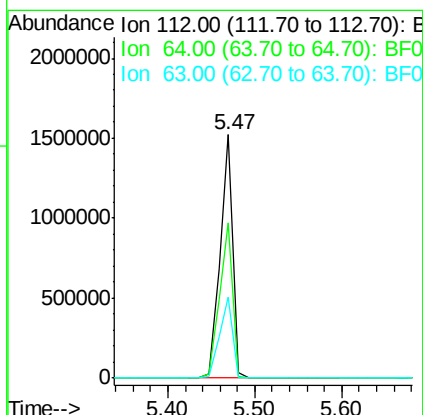
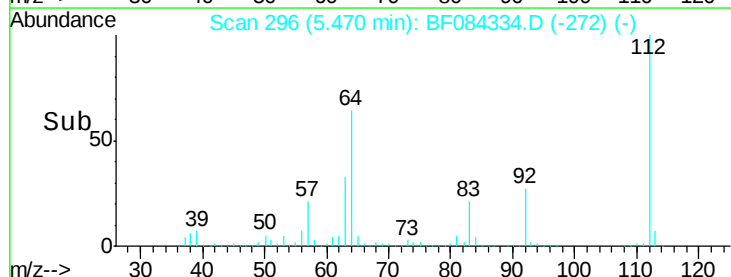
63 33.4 19.4 29.0#



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: 94.38 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084334.D

Acq: 8 Jan 2016 18:10

Instrument :

BNA_F

ClientSampleId :

PB87715BL

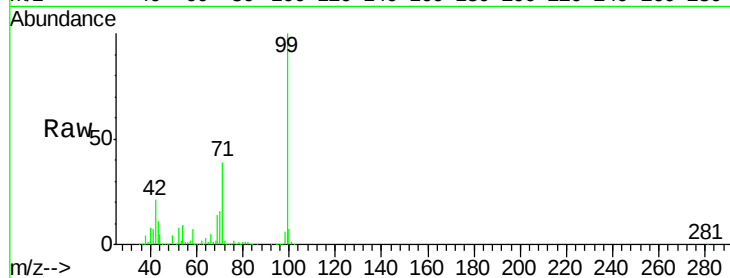
Tgt Ion: 99 Resp: 1964085

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

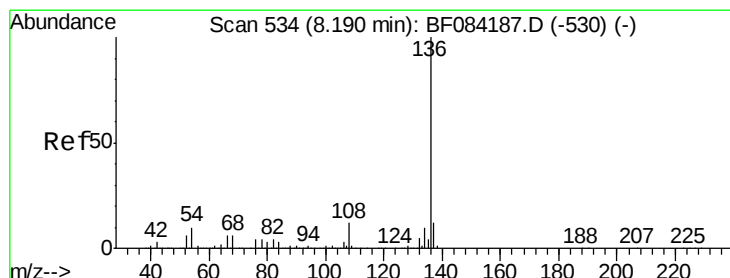
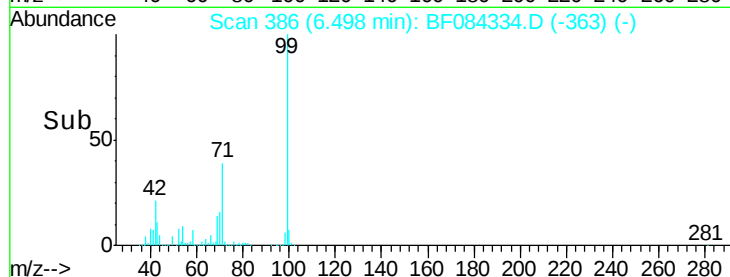
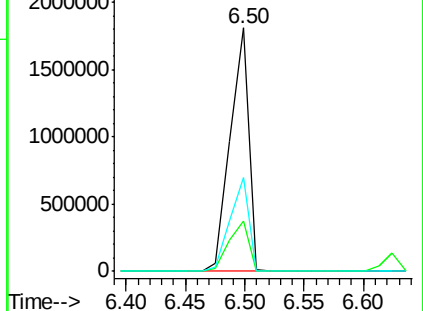
71 38.6 30.9 46.3



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: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084334.D

Acq: 8 Jan 2016 18:10

Tgt Ion: 136 Resp: 1149065

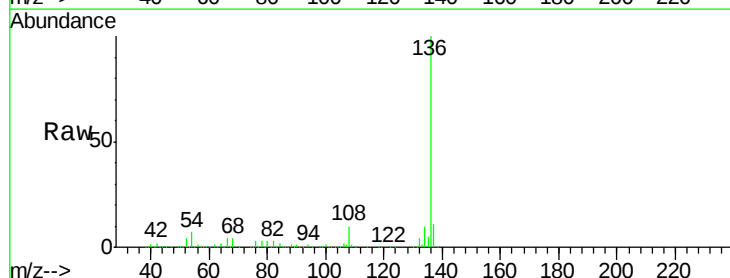
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.0 5.8 8.8

68 4.2 4.2 6.2

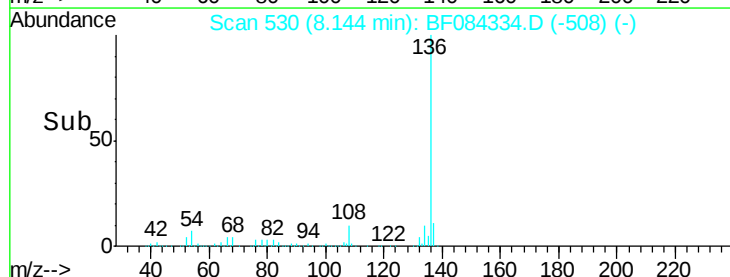
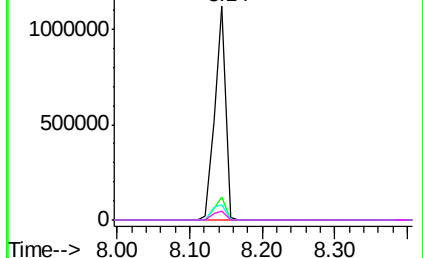


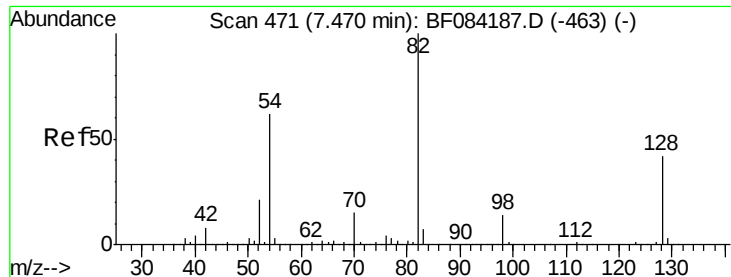
Abundance Ion 136.00 (135.70 to 136.70): E

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

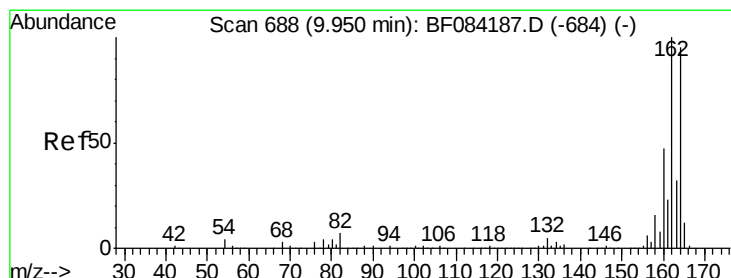
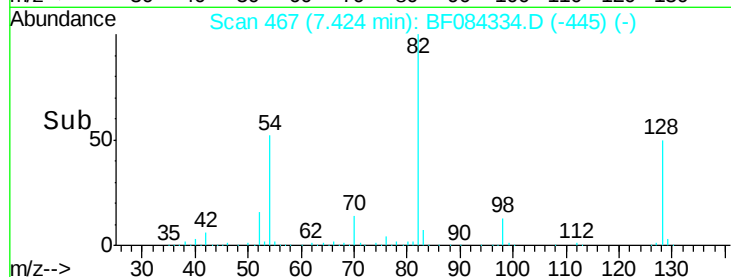
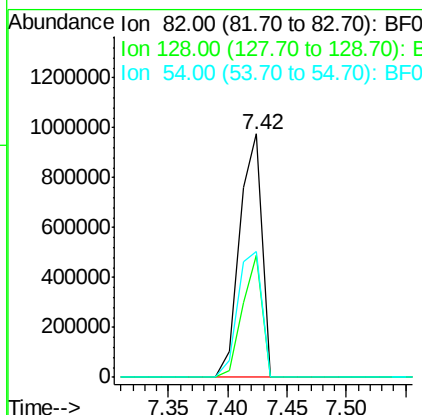
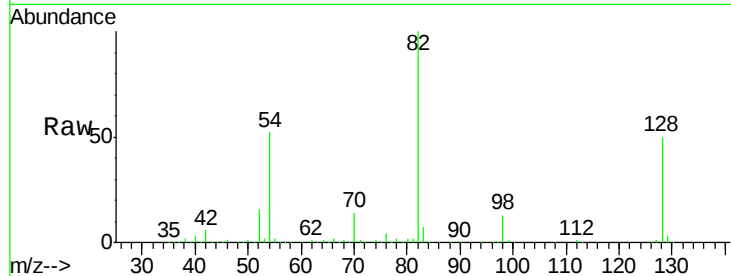




#23
 Nitrobenzene-d5
 Concen: 61.45 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084334.D
 Acq: 8 Jan 2016 18:10

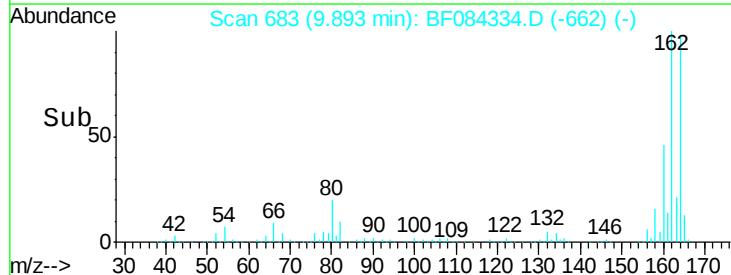
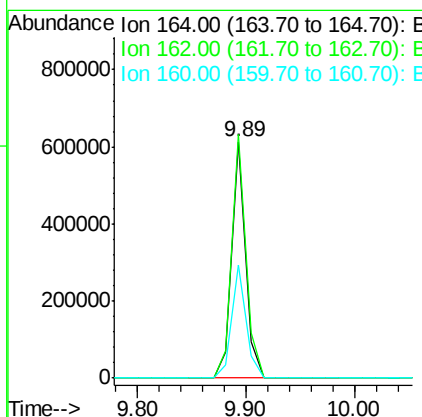
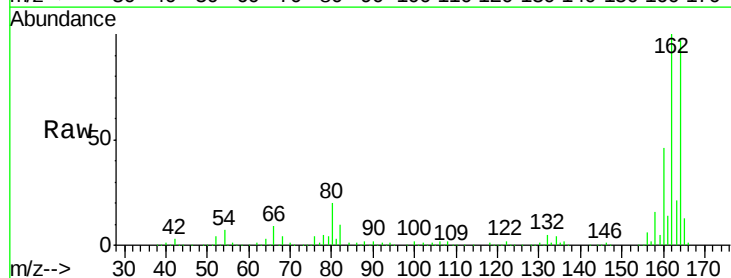
Instrument :
 BNA_F
 ClientSampleId :
 PB87715BL

Tgt Ion: 82 Resp: 1268794
 Ion Ratio Lower Upper
 82 100
 128 50.0 34.6 51.8
 54 51.7 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.06 min
 Lab File: BF084334.D
 Acq: 8 Jan 2016 18:10

Tgt Ion: 164 Resp: 534856
 Ion Ratio Lower Upper
 164 100
 162 103.0 85.1 127.7
 160 47.6 37.5 56.3

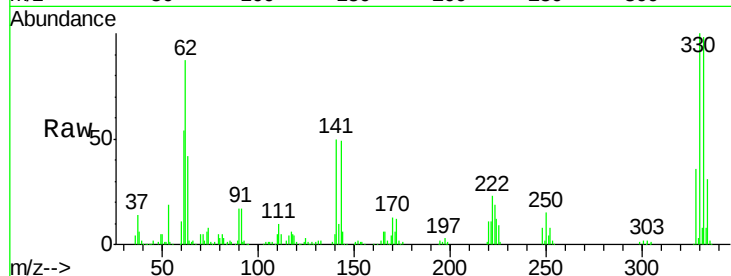




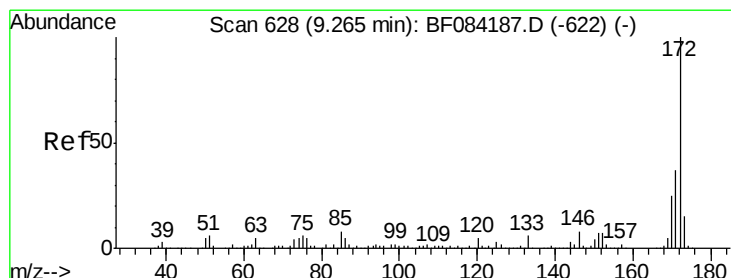
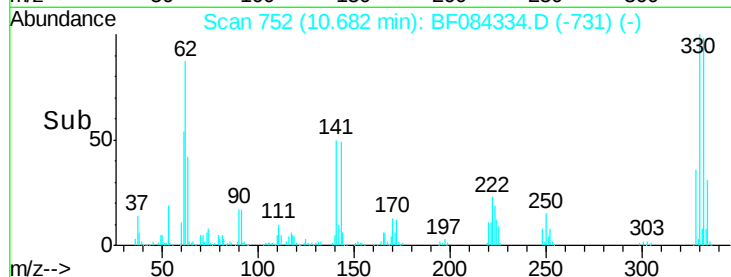
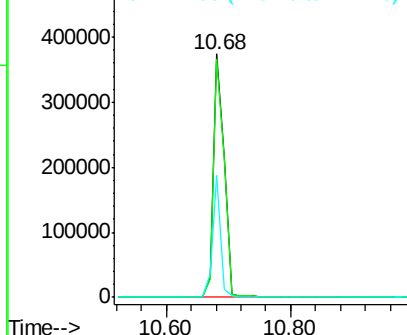
#41
 2,4,6-Tribromophenol
 Concen: 81.60 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.06 min
 Lab File: BF084334.D
 Acq: 8 Jan 2016 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB87715BL

Tgt Ion:330 Resp: 440649
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 38.0 27.8 41.6

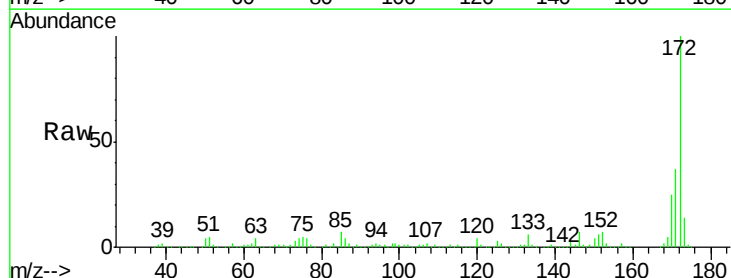


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

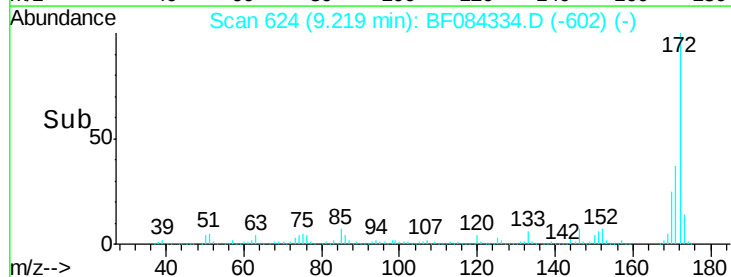
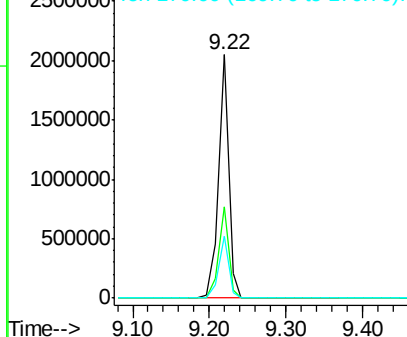


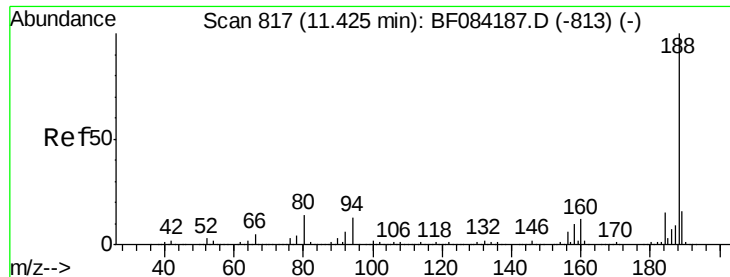
#44
 2-Fluorobiphenyl
 Concen: 60.63 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084334.D
 Acq: 8 Jan 2016 18:10

Tgt Ion:172 Resp: 1898574
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.9 43.3
 170 25.5 18.6 27.8



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

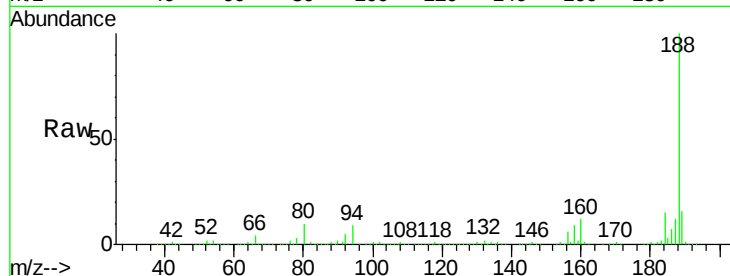




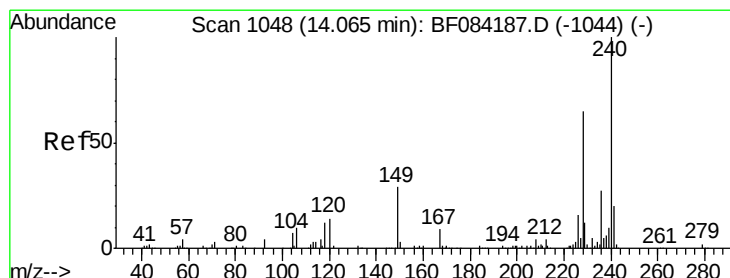
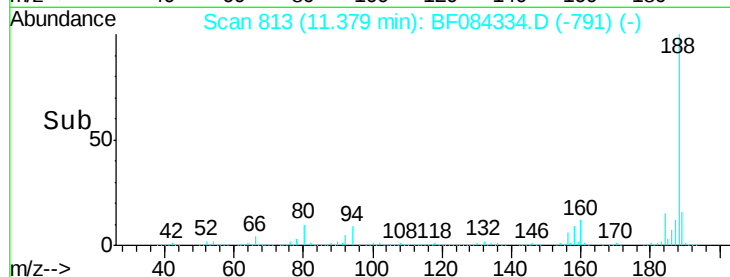
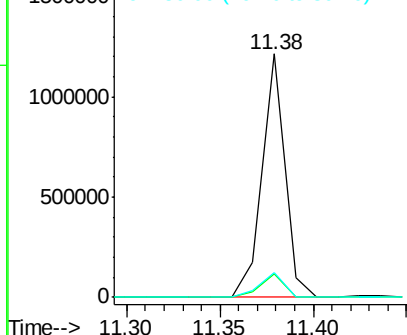
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084334.D
Acq: 8 Jan 2016 18:10

Instrument :
BNA_F
ClientSampleId :
PB87715BL

Tgt Ion:188 Resp: 1027893
Ion Ratio Lower Upper
188 100
94 9.5 9.0 13.4
80 10.3 9.6 14.4

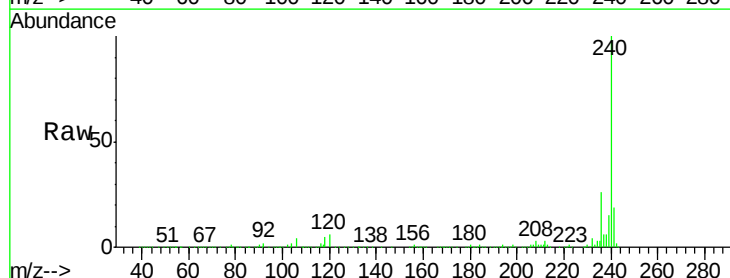


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

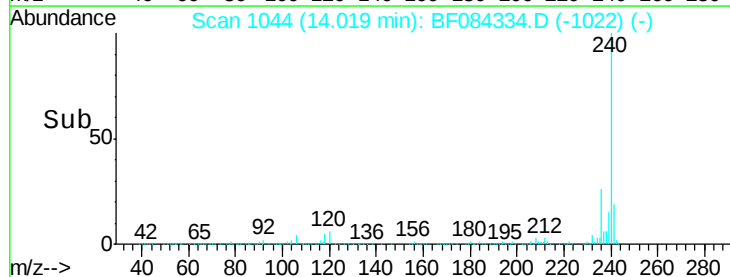
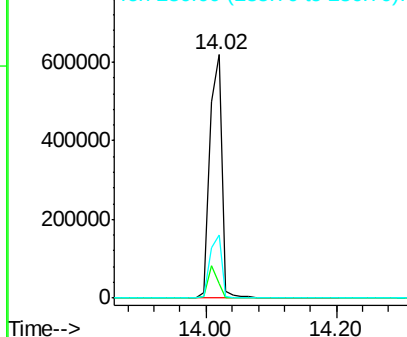


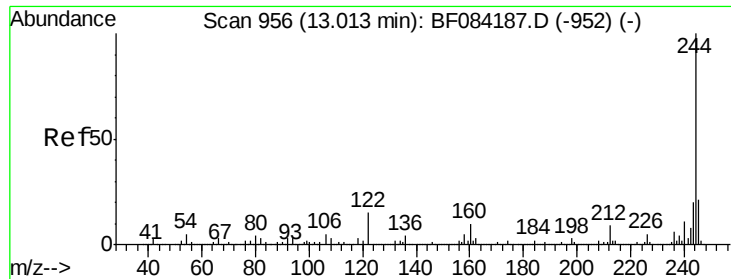
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084334.D
Acq: 8 Jan 2016 18:10

Tgt Ion:240 Resp: 803103
Ion Ratio Lower Upper
240 100
120 6.1 9.5 14.3#
236 25.7 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

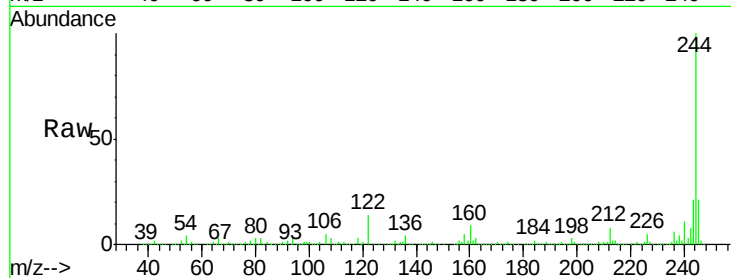




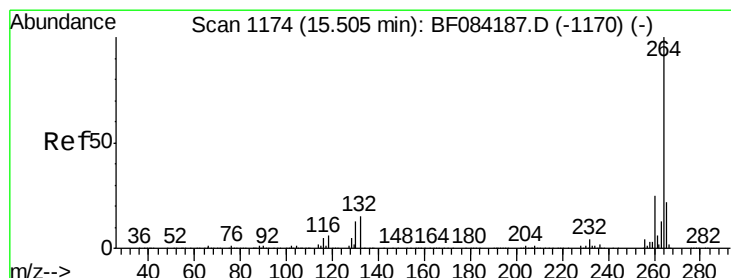
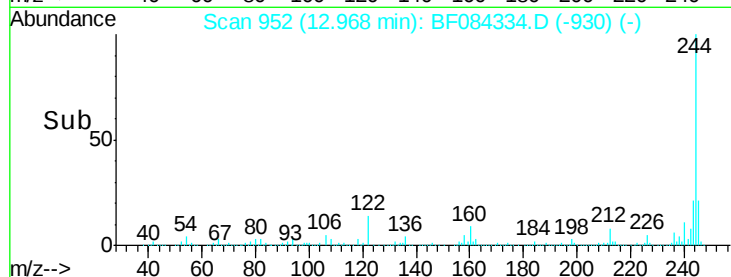
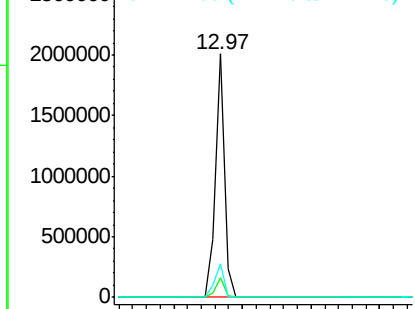
#78
 Terphenyl-d14
 Concen: 52.39 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084334.D
 Acq: 8 Jan 2016 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB87715BL

Tgt Ion:244 Resp: 1884774
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 13.6 7.4 11.0#

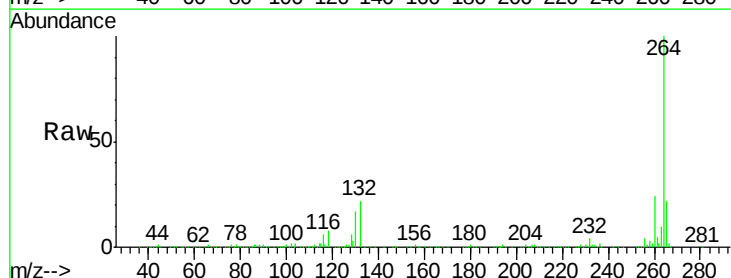


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.07 min
 Lab File: BF084334.D
 Acq: 8 Jan 2016 18:10

Tgt Ion:264 Resp: 562033
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.8 17.8 26.6



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

