

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121615\
 Data File : BF083851.D
 Acq On : 16 Dec 2015 16:37
 Operator : UM/SJ
 Sample : G4793-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-01-121115

Quant Time: Dec 17 03:58:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	115584	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	494011	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	250757	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	465842	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	385471	20.00	ng	-0.03
86) Perylene-d12	15.48	264	274126	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	304986	42.57	ng	-0.03
7) Phenol-d6	6.52	99	257709	28.40	ng	-0.02
23) Nitrobenzene-d5	7.46	82	577501	65.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	240460	94.11	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	1030388	54.33	ng	-0.03
78) Terphenyl-d14	13.00	244	1110205	61.95	ng	-0.02

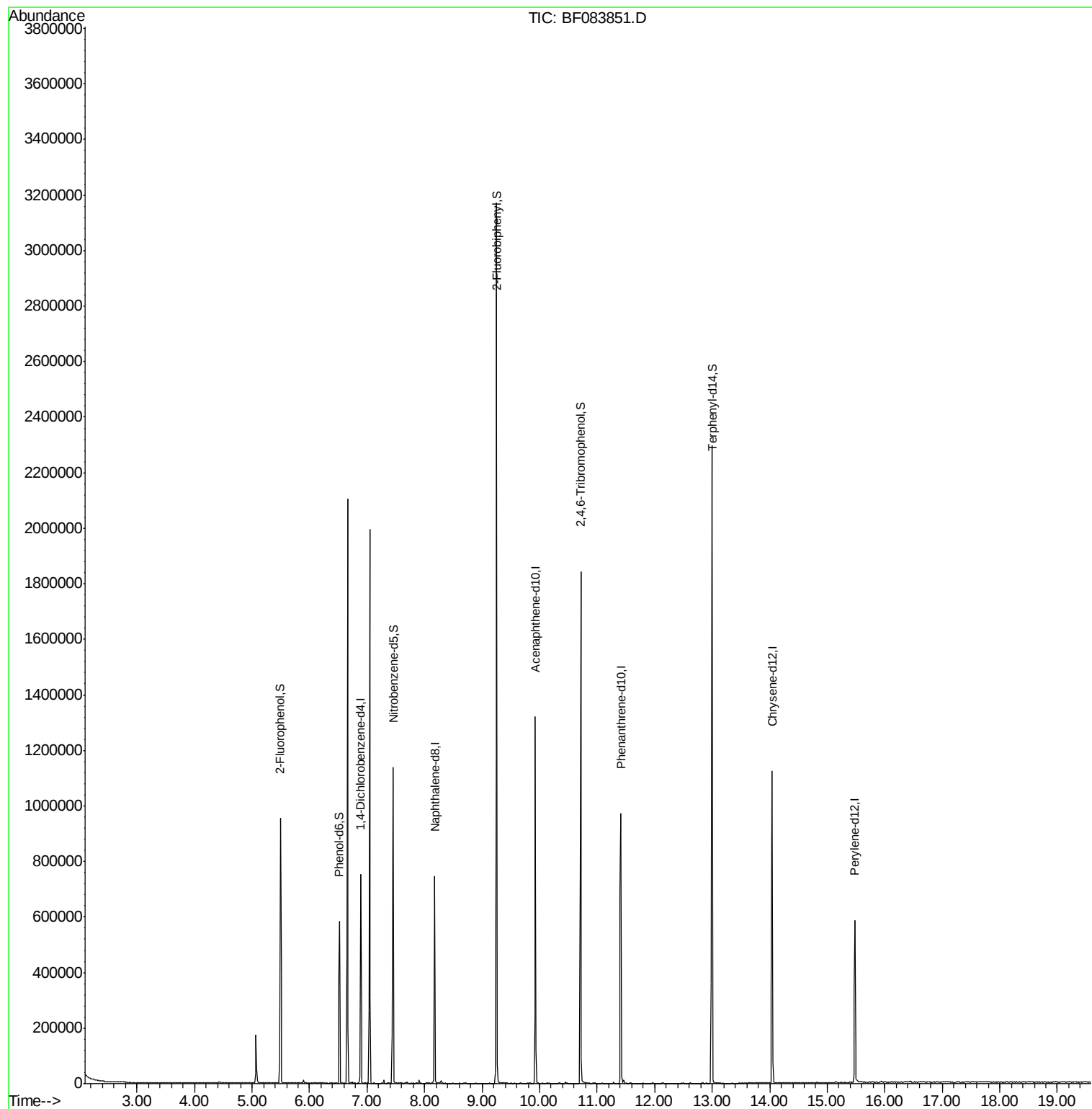
Target Compounds Qvalue

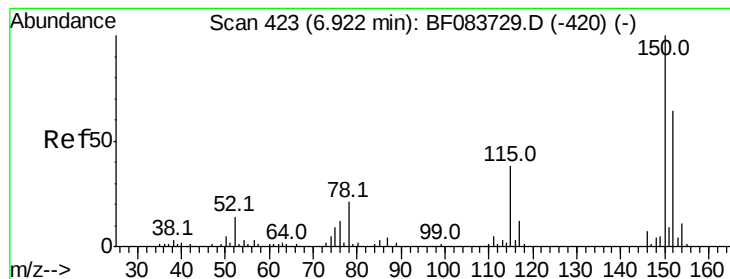
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF083851.D

Acq: 16 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

FB-01-121115

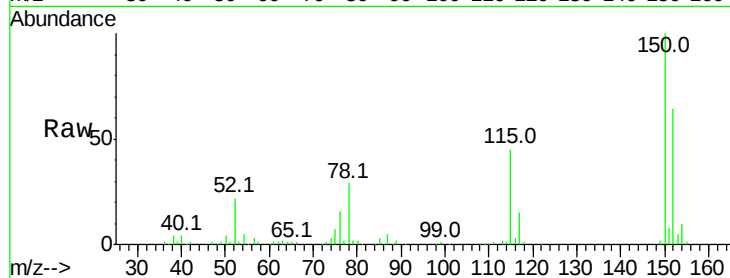
Tot Ion:152 Resp: 115584

Ion Ratio Lower Upper

152 100

150 157.3 126.5 189.7

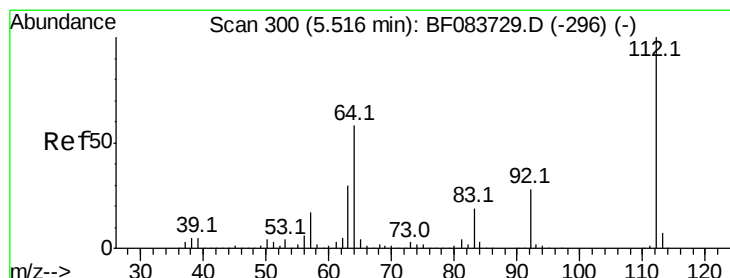
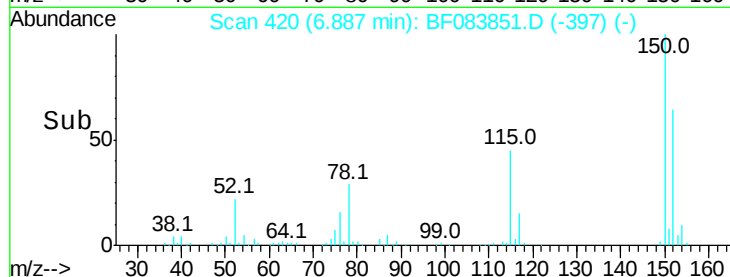
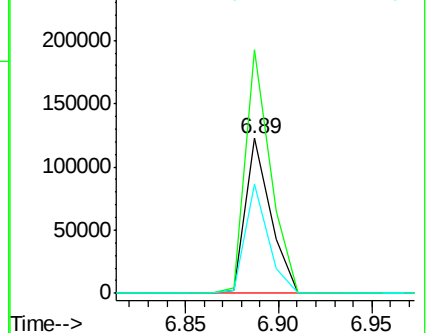
115 70.7 52.3 78.5



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: 42.57 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.03 min

Lab File: BF083851.D

Acq: 16 Dec 2015 16:37

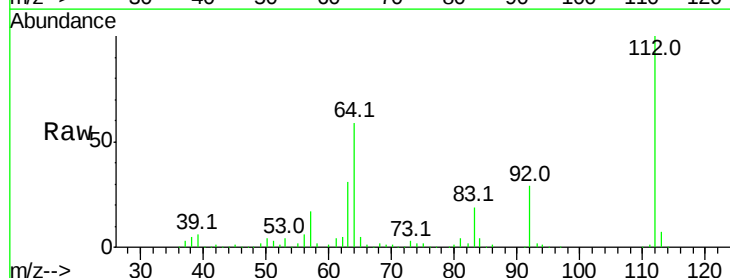
Tgt Ion:112 Resp: 304986

Ion Ratio Lower Upper

112 100

64 59.3 50.5 75.7

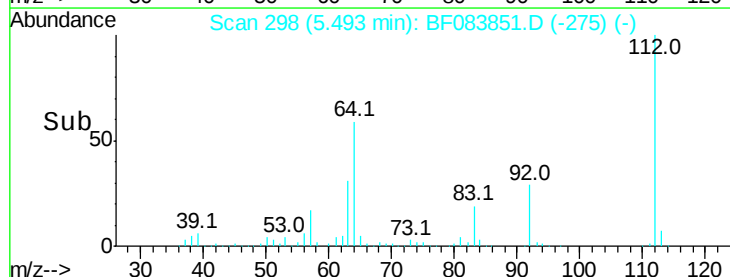
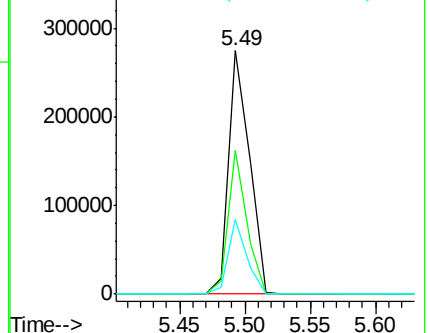
63 30.8 25.8 38.6

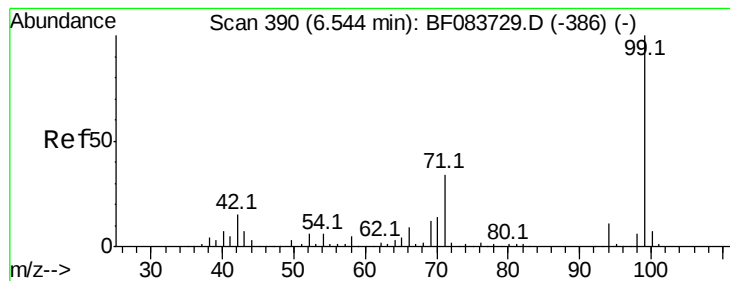


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.40 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083851.D

Acq: 16 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

FB-01-121115

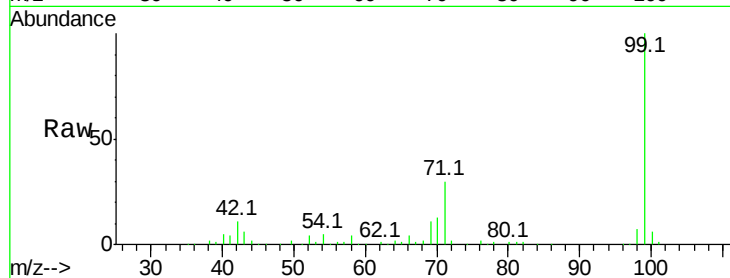
Tot Ion: 99 Resp: 257709

Ion Ratio Lower Upper

99 100

42 11.3 17.3 25.9#

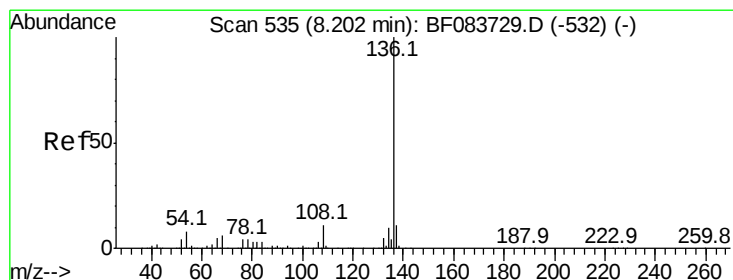
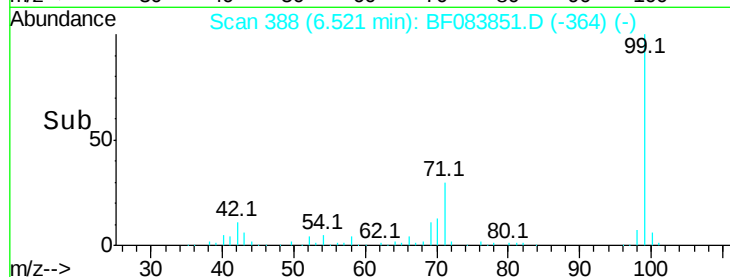
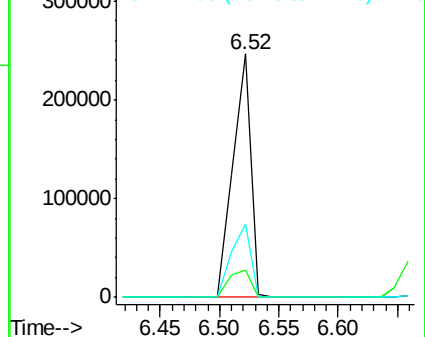
71 30.3 26.6 40.0



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: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083851.D

Acq: 16 Dec 2015 16:37

Tgt Ion: 136 Resp: 494011

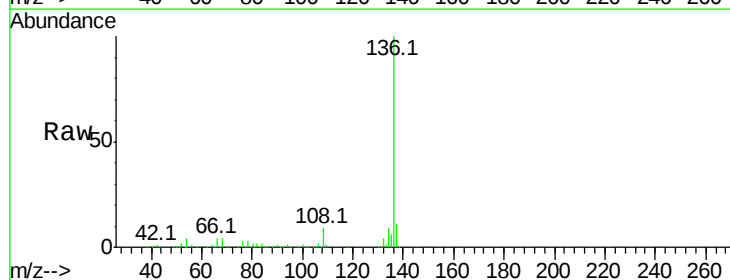
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 4.4 7.8 11.6#

68 3.9 5.7 8.5#

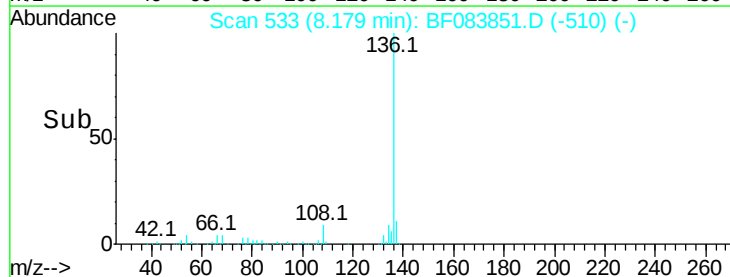
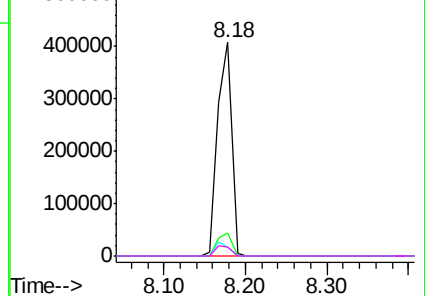


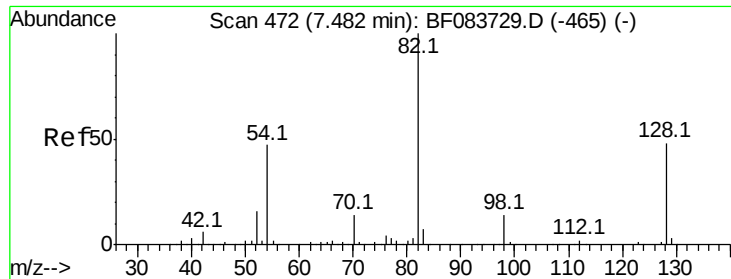
Abundance Ion 136.00 (135.70 to 136.70): E

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

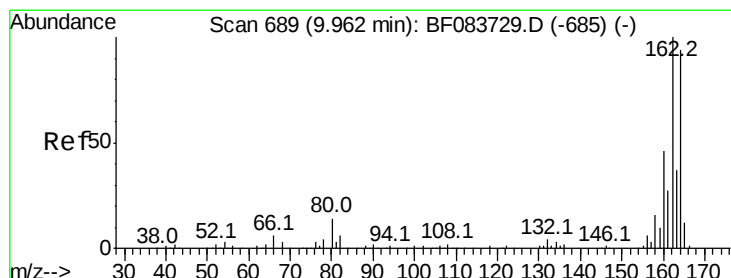
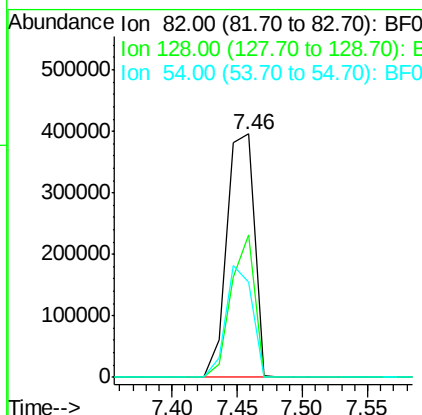
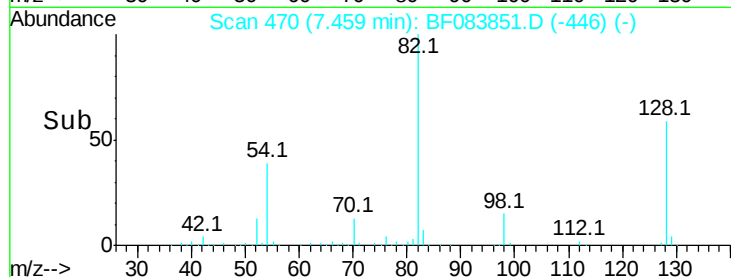
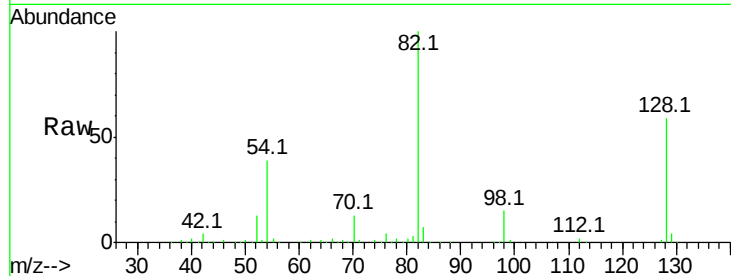




#23
 Nitrobenzene-d5
 Concen: 65.40 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083851.D
 Acq: 16 Dec 2015 16:37

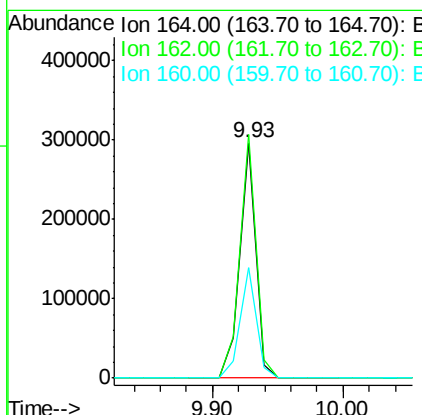
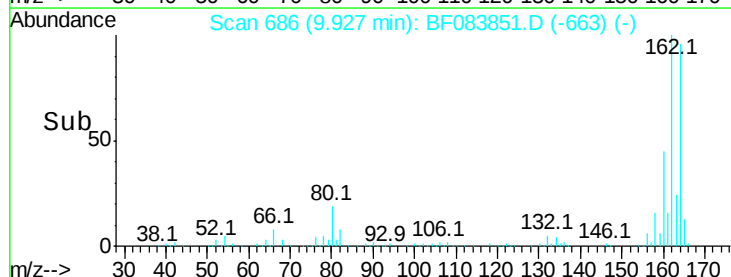
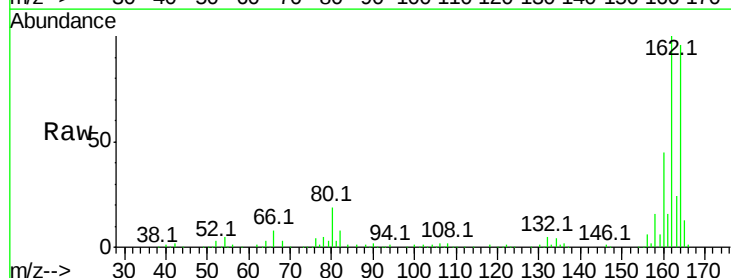
Instrument :
 BNA_F
 ClientSampleId :
 FB-01-121115

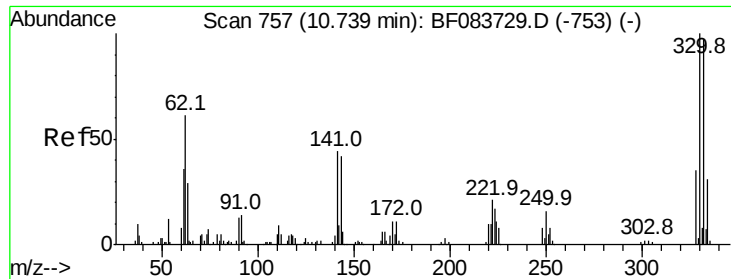
Tot Ion: 82 Resp: 577501
 Ion Ratio Lower Upper
 82 100
 128 58.7 30.7 46.1#
 54 39.2 42.5 63.7#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF083851.D
 Acq: 16 Dec 2015 16:37

Tgt Ion:164 Resp: 250757
 Ion Ratio Lower Upper
 164 100
 162 103.7 78.8 118.2
 160 47.1 33.4 50.2

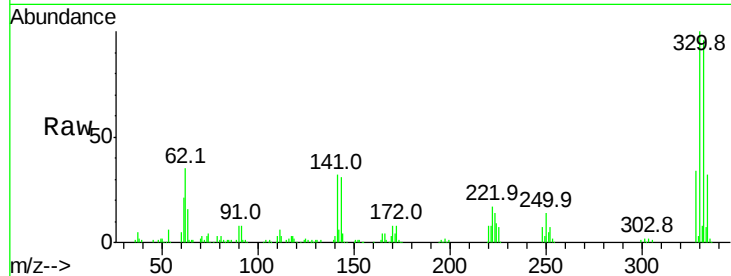




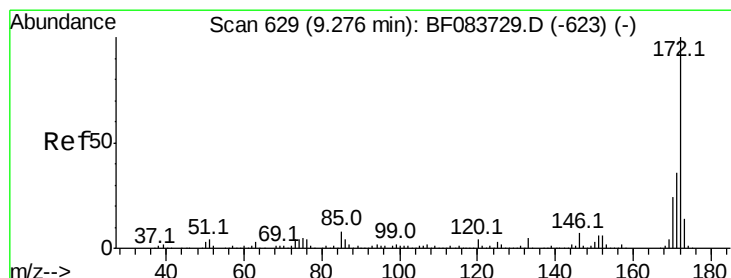
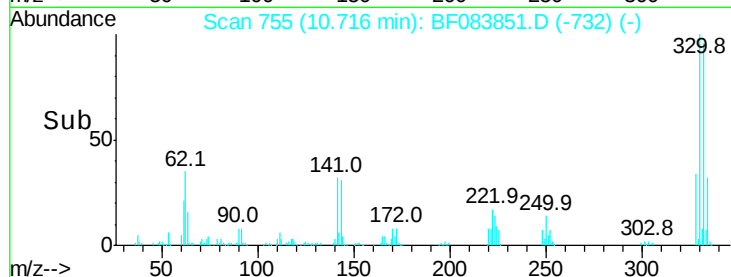
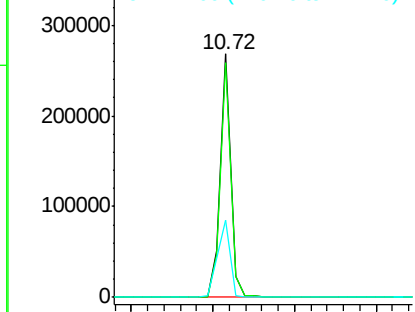
#41
 2,4,6-Tribromophenol
 Concen: 94.11 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.03 min
 Lab File: BF083851.D
 Acq: 16 Dec 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :
 FB-01-121115

Tot Ion:330 Resp: 240460
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 37.6 0.0 0.0#

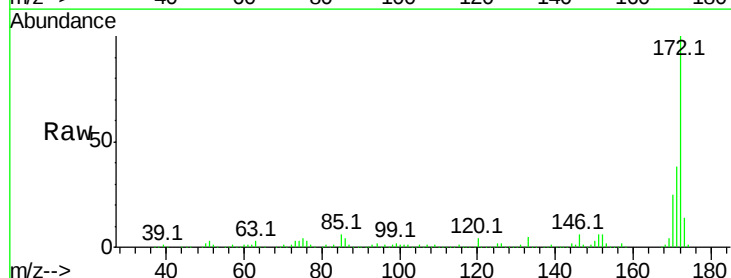


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

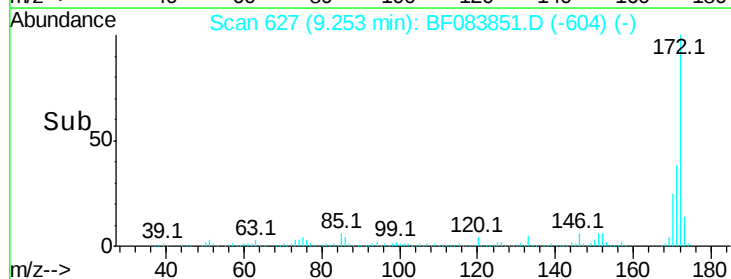
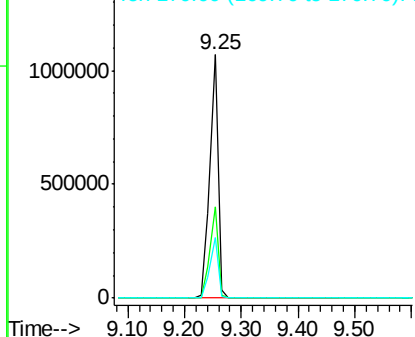


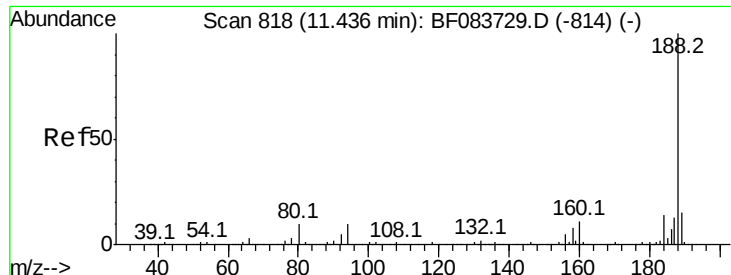
#44
 2-Fluorobiphenyl
 Concen: 54.33 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083851.D
 Acq: 16 Dec 2015 16:37

Tgt Ion:172 Resp: 1030388
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.6 42.8
 170 24.7 19.4 29.0



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

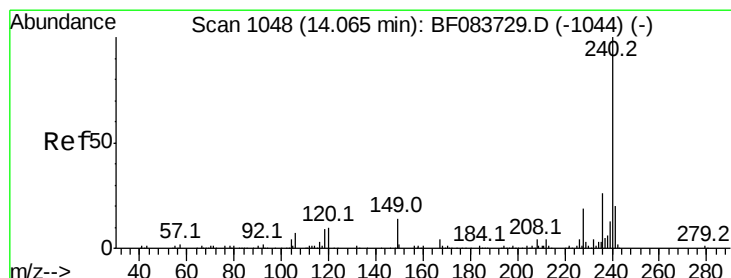
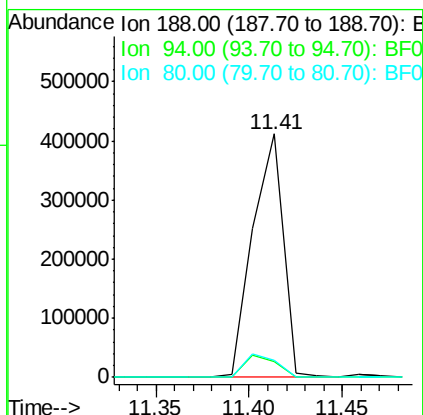
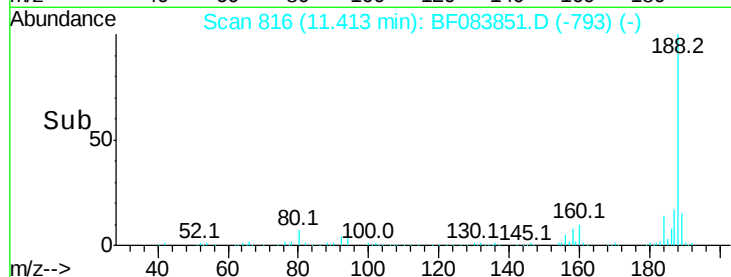
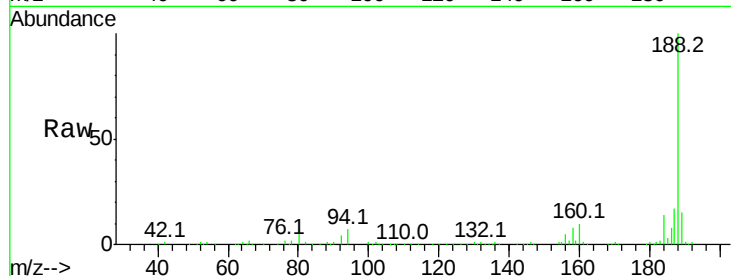




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083851.D
Acq: 16 Dec 2015 16:37

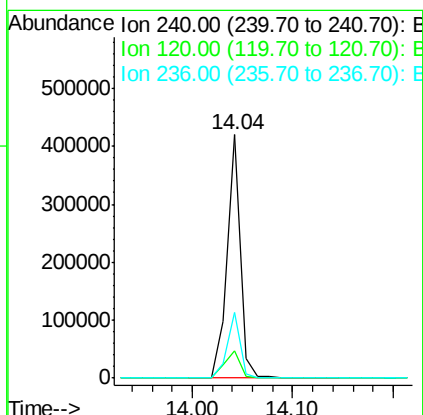
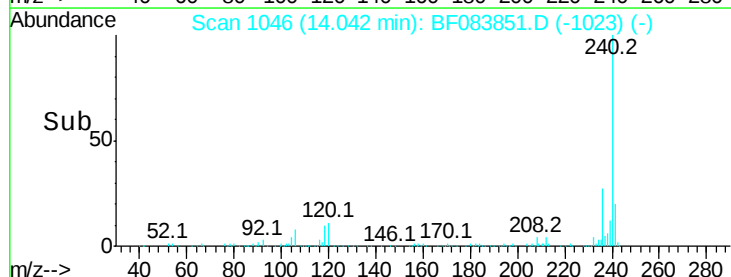
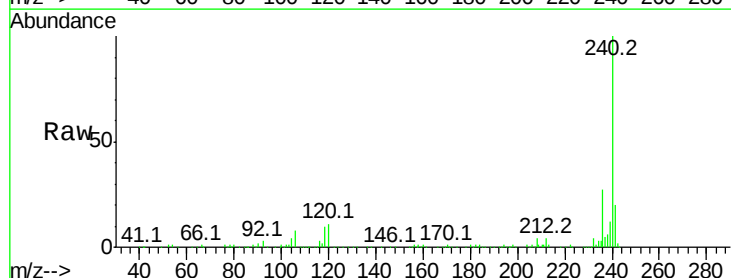
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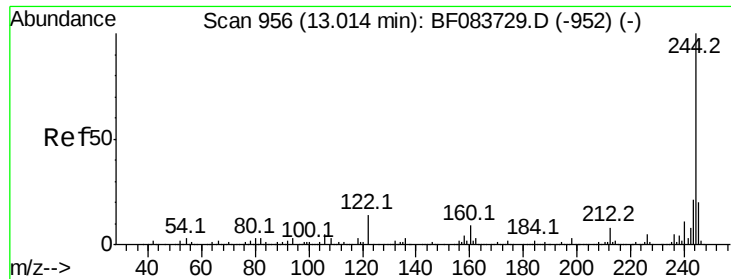
Tot Ion:188 Resp: 465842
Ion Ratio Lower Upper
188 100
94 6.7 9.4 14.2#
80 6.9 10.6 16.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF083851.D
Acq: 16 Dec 2015 16:37

Tgt Ion:240 Resp: 385471
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 26.9 20.8 31.2

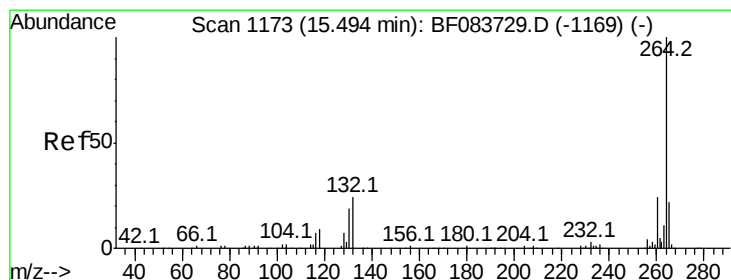
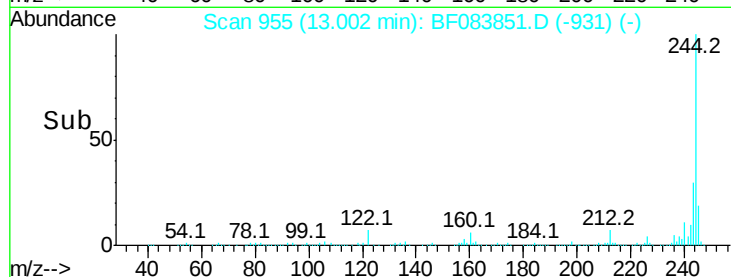
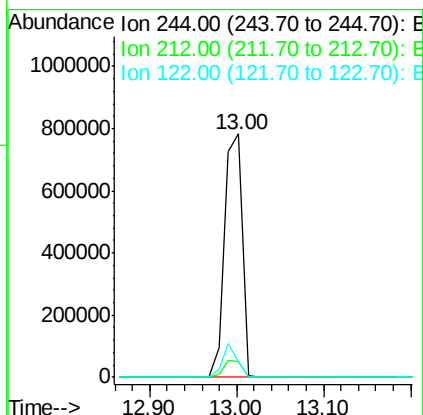
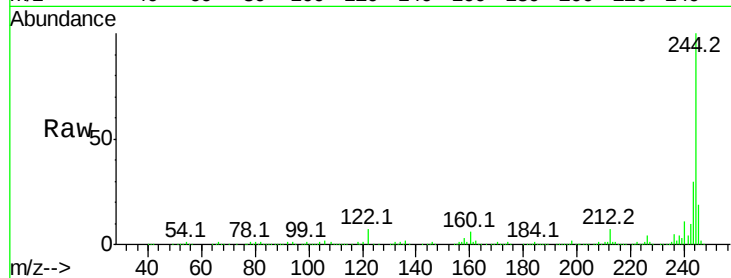




#78
 Terphenyl-d14
 Concen: 61.95 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083851.D
 Acq: 16 Dec 2015 16:37

Instrument :
 BNA_F
 ClientSampleID :
 FB-01-121115

Tot Ion:244 Resp: 1110205
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 6.5 11.0 16.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083851.D
 Acq: 16 Dec 2015 16:37

Tgt Ion:264 Resp: 274126
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.0
 265 21.2 17.8 26.6

