

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083515.D
 Acq On : 5 Dec 2015 15:26
 Operator : UM/IZ
 Sample : G4595-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB112515-5RI

Quant Time: Dec 07 01:36:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	139187	20.00	ng	0.00
21) Naphthalene-d8	7.66	136	551534	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	270573	20.00	ng	-0.01
63) Phenanthrene-d10	12.85	188	507279	20.00	ng	0.00
75) Chrysene-d12	17.04	240	415676	20.00	ng	-0.01
86) Perylene-d12	18.67	264	330445	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.03	112	538727	58.72	ng	0.00
7) Phenol-d6	5.31	99	462278	36.57	ng	-0.01
23) Nitrobenzene-d5	6.59	82	1077769	91.34	ng	-0.01
41) 2,4,6-Tribromophenol	11.75	330	328015	131.42	ng	-0.01
44) 2-Fluorobiphenyl	9.41	172	1718880	86.17	ng	-0.01
78) Terphenyl-d14	15.49	244	1737483	93.01	ng	0.01

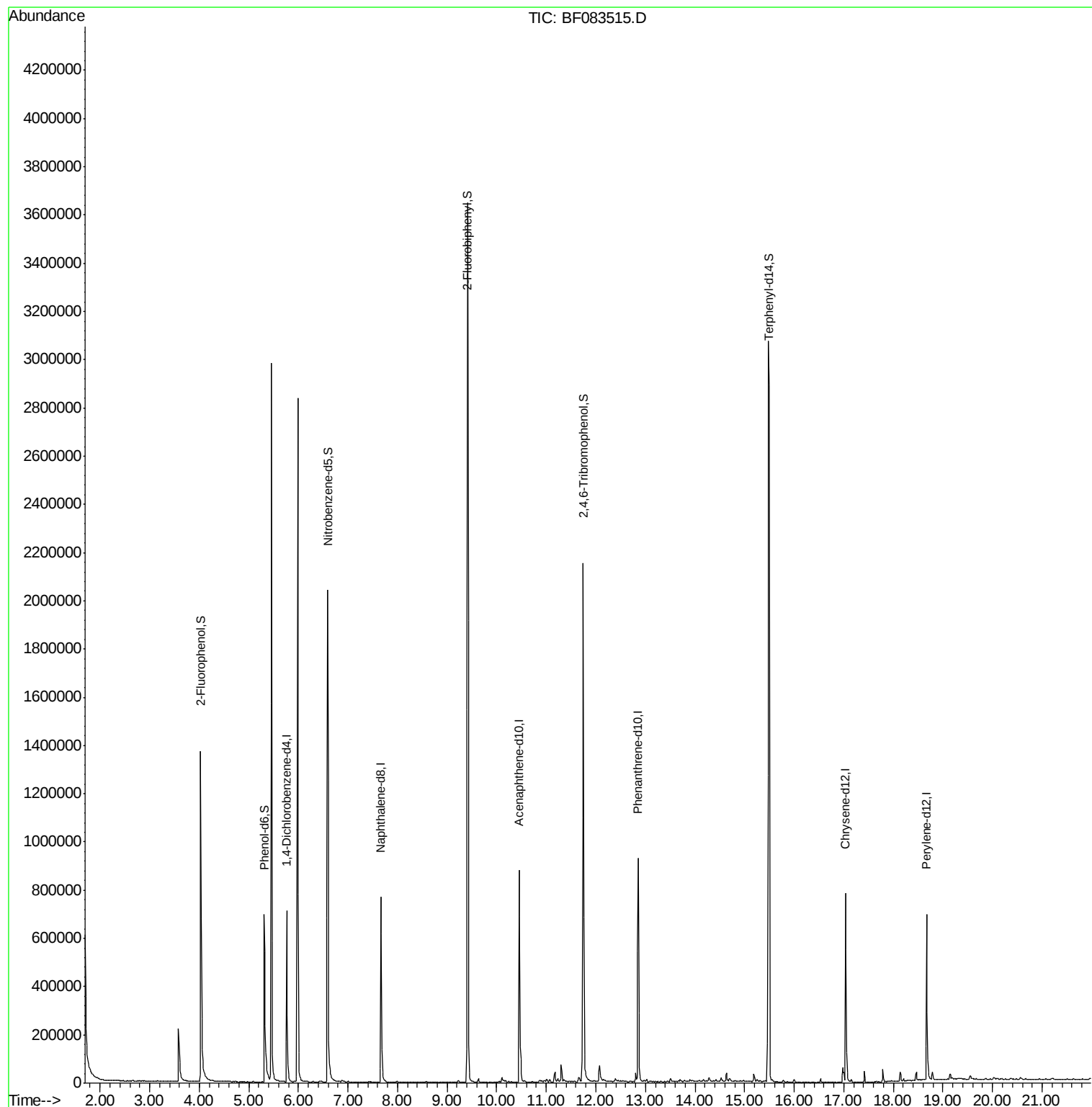
Target Compounds Qvalue

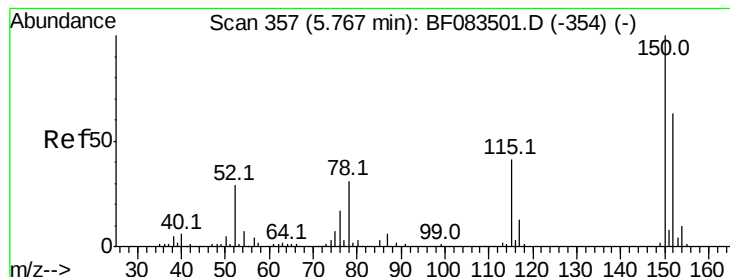
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.77 min Scan# 357

Delta R.T. 0.00 min

Lab File: BF083515.D

Acq: 5 Dec 2015 15:26

Instrument :

BNA_F

ClientSampleId :

FB112515-5RI

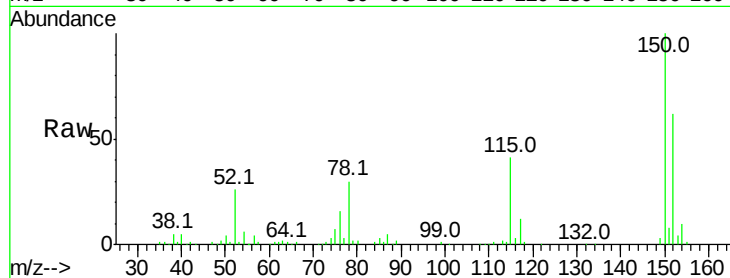
Tot Ion:152 Resp: 139187

Ion Ratio Lower Upper

152 100

150 161.4 126.5 189.7

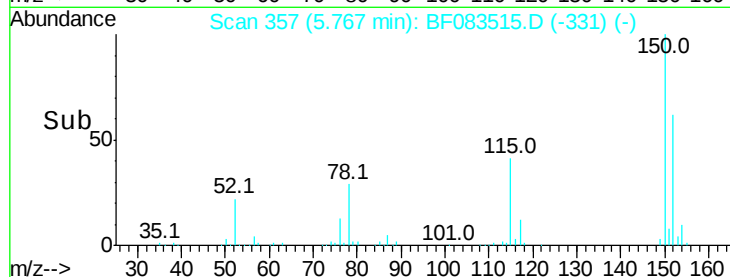
115 65.4 52.3 78.5



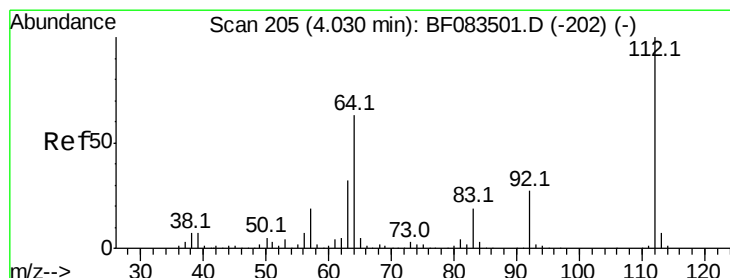
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 58.72 ng

RT: 4.03 min Scan# 205

Delta R.T. 0.00 min

Lab File: BF083515.D

Acq: 5 Dec 2015 15:26

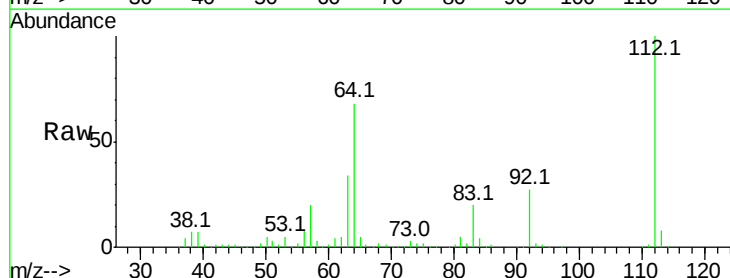
Tgt Ion:112 Resp: 538727

Ion Ratio Lower Upper

112 100

64 68.1 50.5 75.7

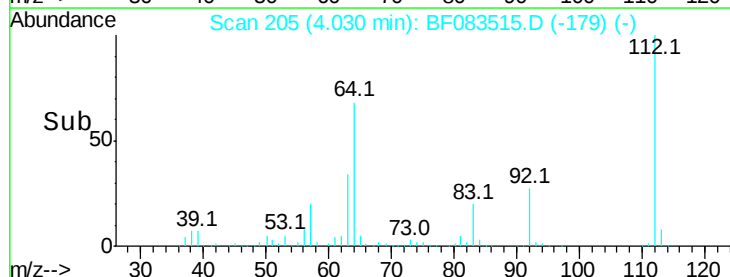
63 34.1 25.8 38.6



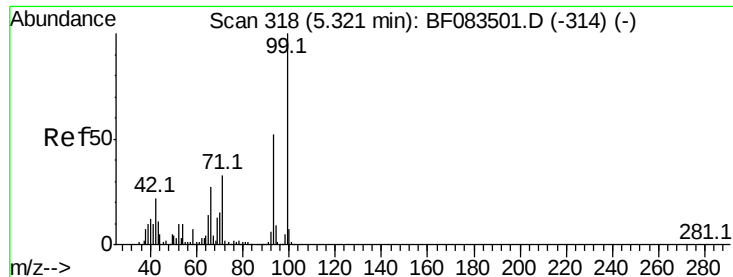
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 36.57 ng

RT: 5.31 min Scan# 317

Delta R.T. -0.01 min

Lab File: BF083515.D

Acq: 5 Dec 2015 15:26

Instrument :

BNA_F

ClientSampleId :

FB112515-5RI

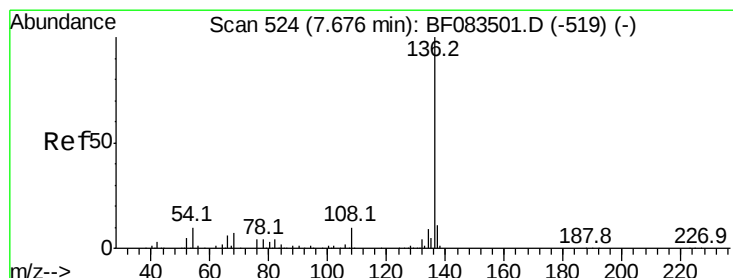
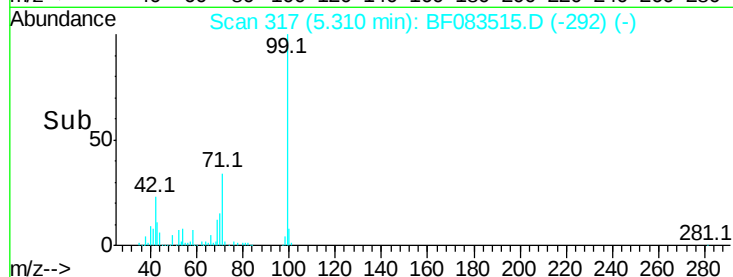
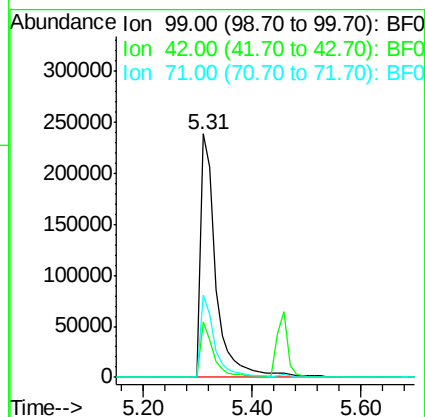
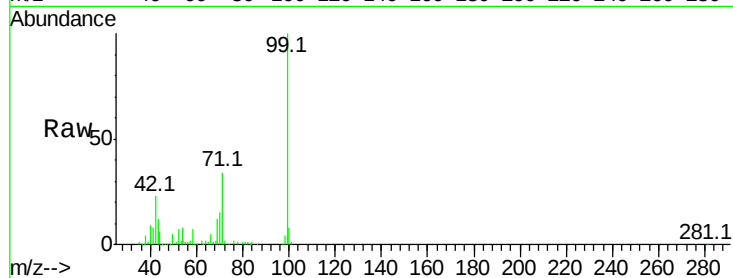
Tot Ion: 99 Resp: 462278

Ion Ratio Lower Upper

99 100

42 22.8 17.3 25.9

71 33.9 26.6 40.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF083515.D

Acq: 5 Dec 2015 15:26

Tgt Ion: 136 Resp: 551534

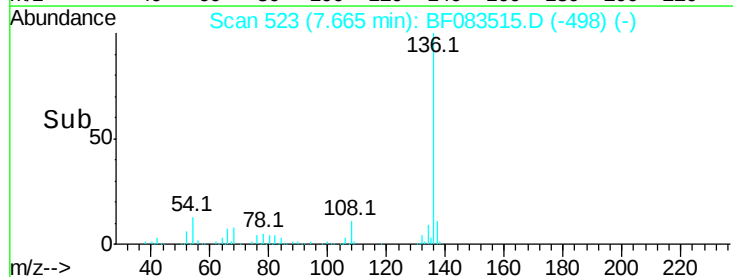
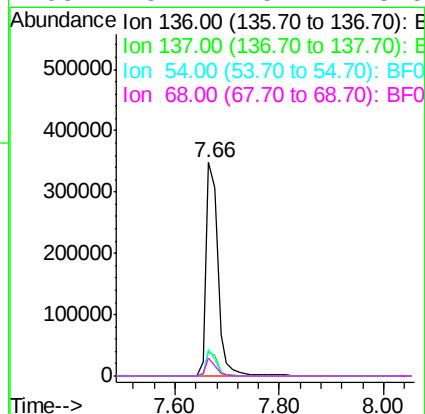
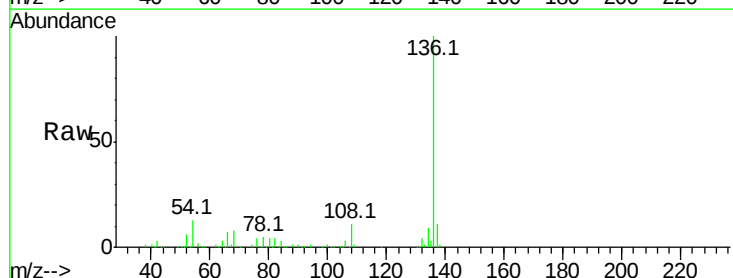
Ion Ratio Lower Upper

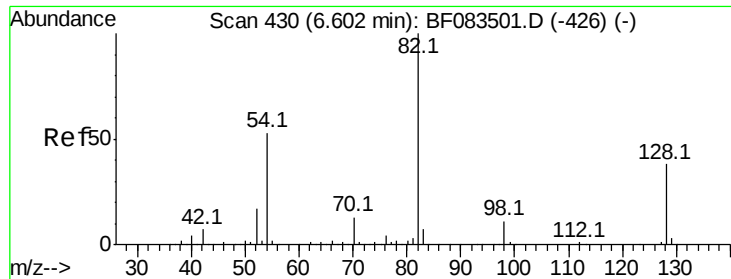
136 100

137 11.4 8.7 13.1

54 12.6 7.8 11.6#

68 8.2 5.7 8.5

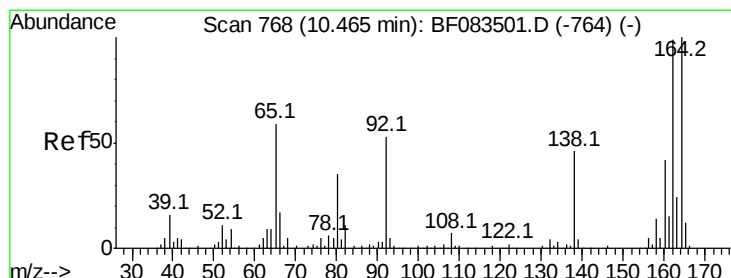
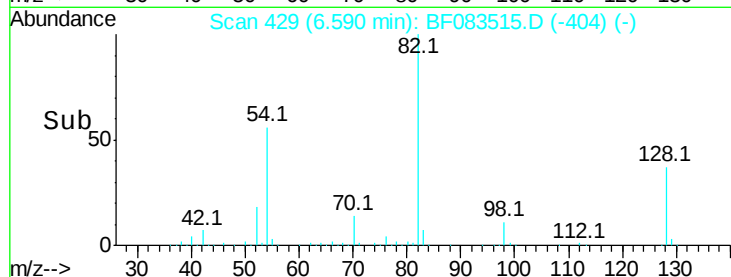
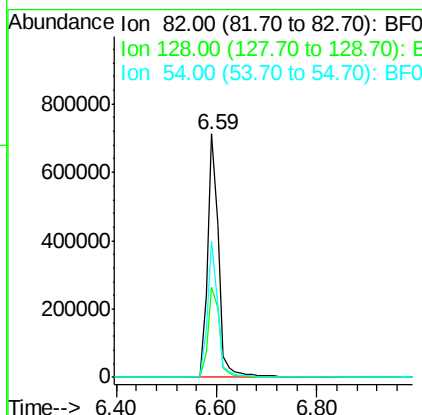
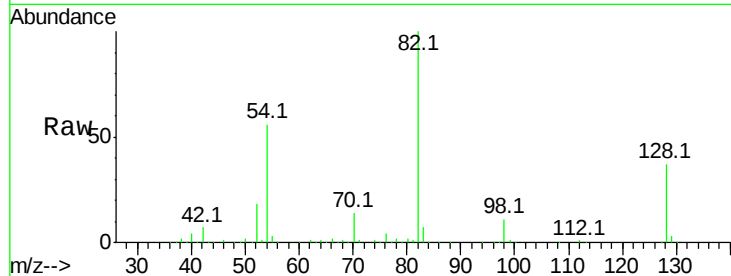




#23
 Nitrobenzene-d5
 Concen: 91.34 ng
 RT: 6.59 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BF083515.D
 Acq: 5 Dec 2015 15:26

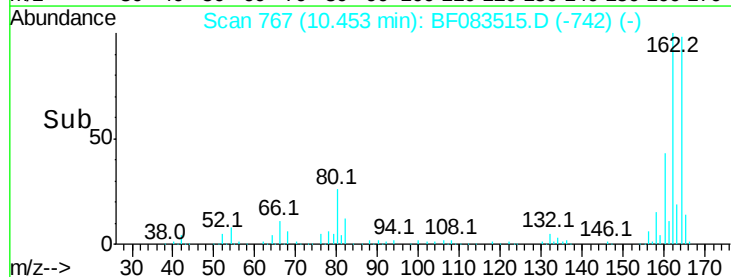
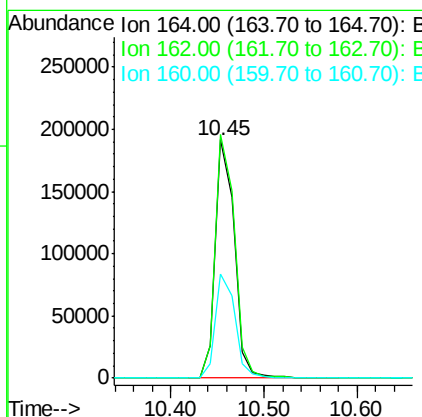
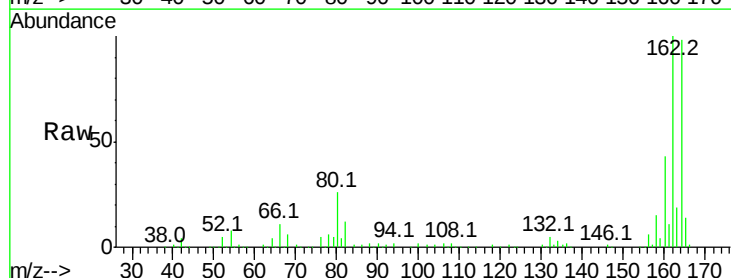
Instrument :
 BNA_F
 ClientSampleId :
 FB112515-5RI

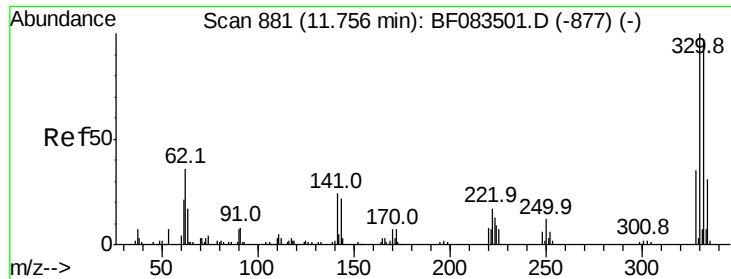
Tot Ion: 82 Resp: 1077769
 Ion Ratio Lower Upper
 82 100
 128 37.1 30.7 46.1
 54 56.1 42.5 63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF083515.D
 Acq: 5 Dec 2015 15:26

Tgt Ion: 164 Resp: 270573
 Ion Ratio Lower Upper
 164 100
 162 102.1 78.8 118.2
 160 43.5 33.4 50.2

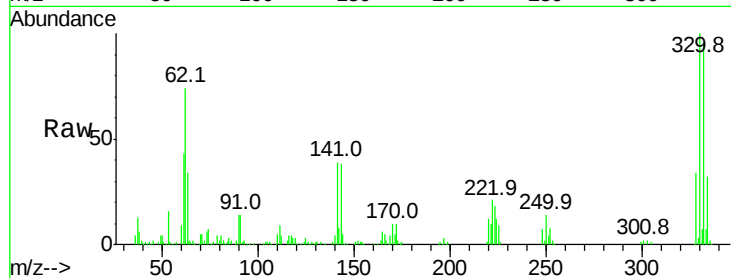




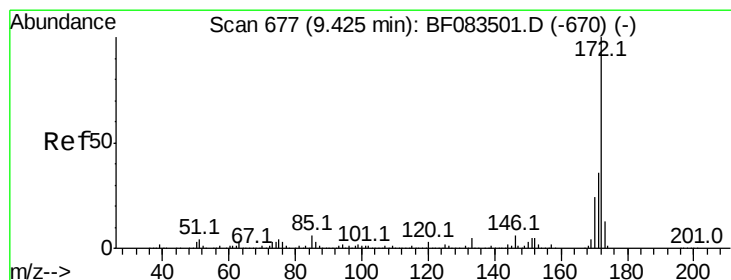
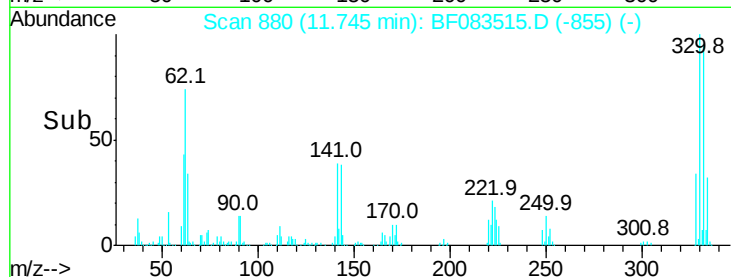
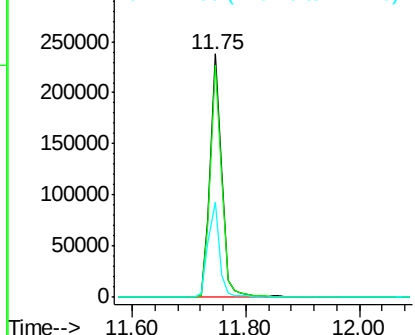
#41
 2,4,6-Tribromophenol
 Concen: 131.42 ng
 RT: 11.75 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF083515.D
 Acq: 5 Dec 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 FB112515-5RI

Tot Ion:330 Resp: 328015
 Ion Ratio Lower Upper
 330 100
 332 95.2 0.0 0.0#
 141 38.6 0.0 0.0#

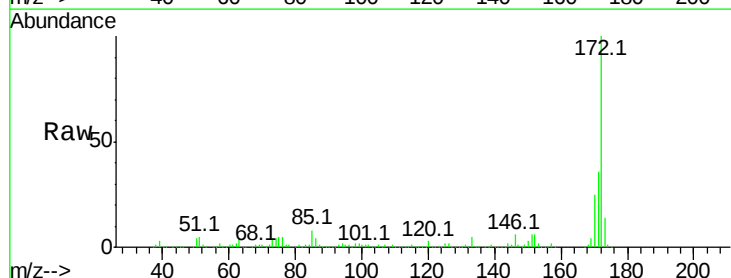


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

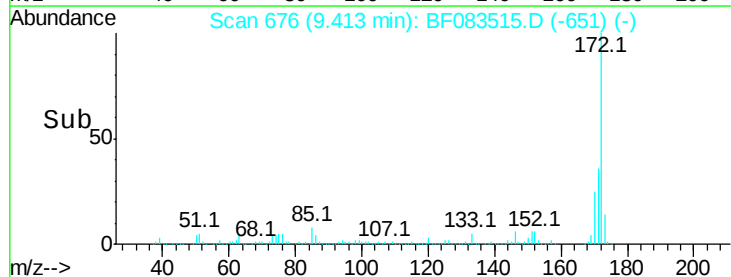
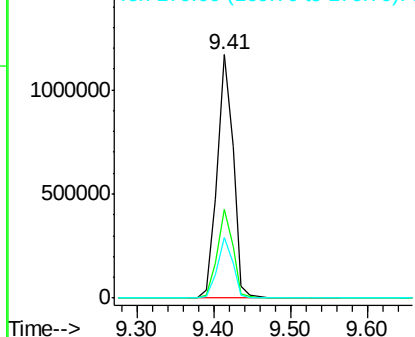


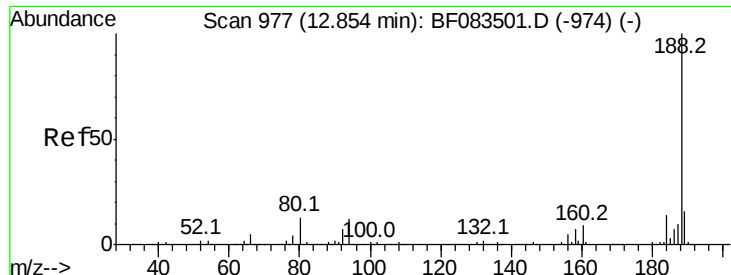
#44
 2-Fluorobiphenyl
 Concen: 86.17 ng
 RT: 9.41 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF083515.D
 Acq: 5 Dec 2015 15:26

Tgt Ion:172 Resp: 1718880
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 42.8
 170 24.8 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

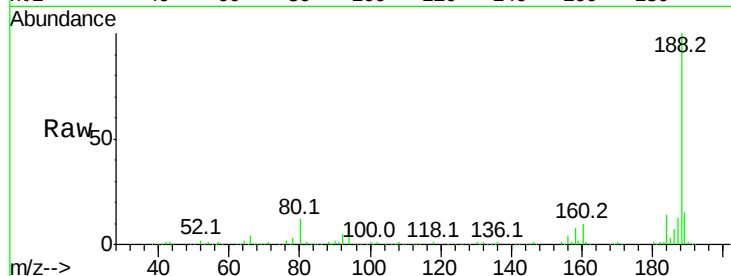




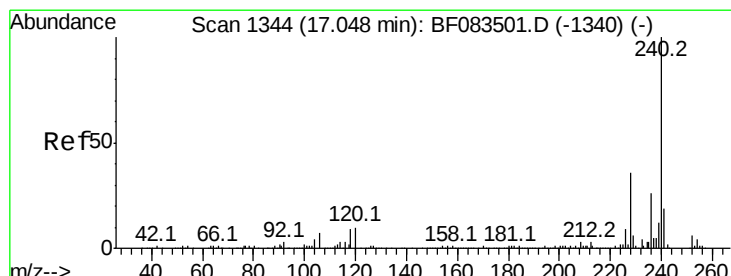
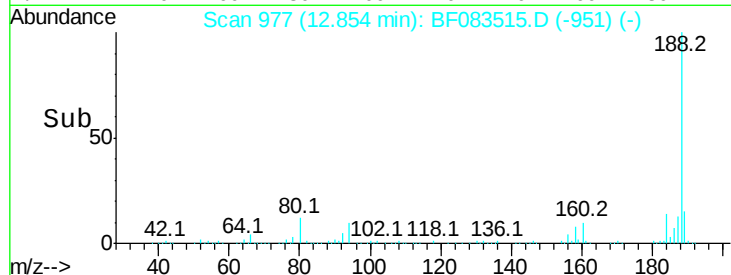
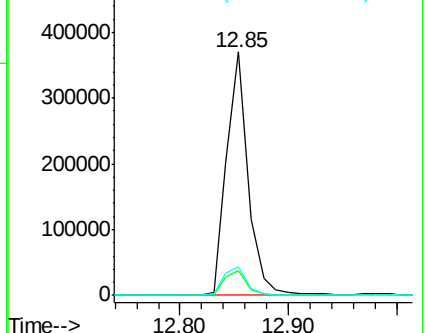
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF083515.D
Acq: 5 Dec 2015 15:26

Instrument :
BNA_F
ClientSampleId :
FB112515-5RI

Tot Ion:188 Resp: 507279
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.6 10.6 16.0

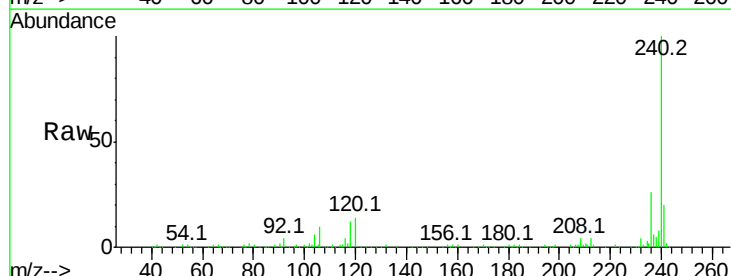


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

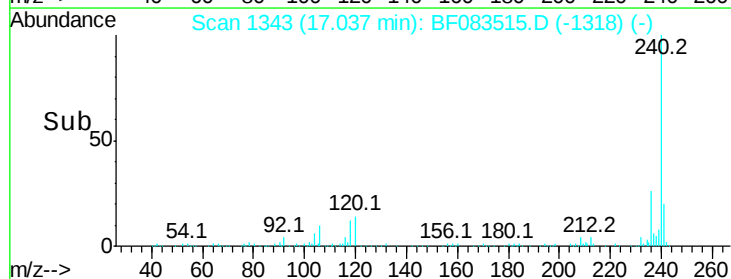
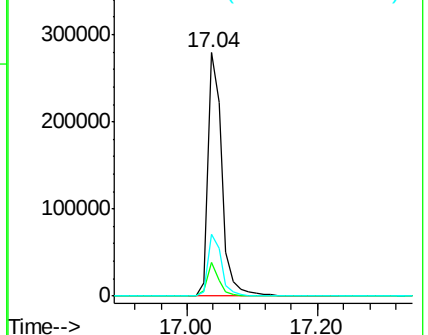


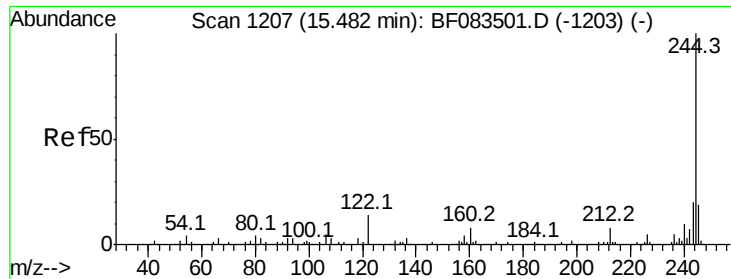
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.04 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF083515.D
Acq: 5 Dec 2015 15:26

Tgt Ion:240 Resp: 415676
Ion Ratio Lower Upper
240 100
120 13.7 8.1 12.1#
236 25.6 20.8 31.2



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

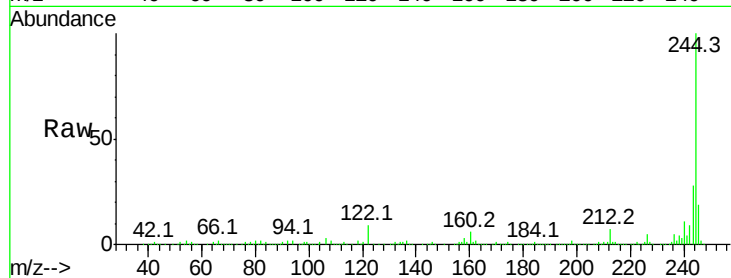




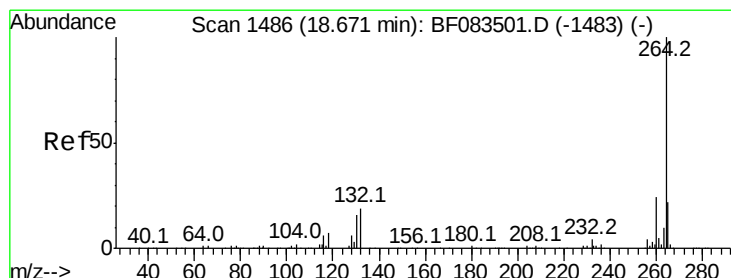
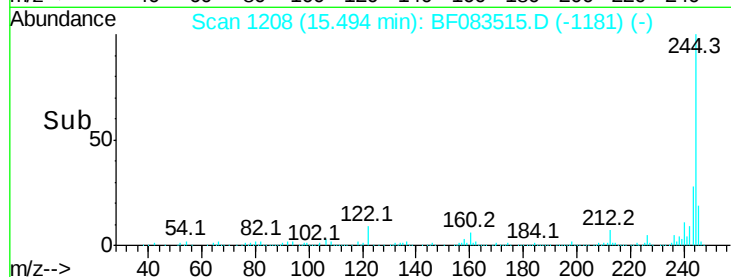
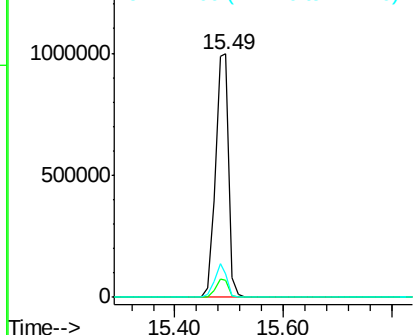
#78
 Terphenyl-d14
 Concen: 93.01 ng
 RT: 15.49 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF083515.D
 Acq: 5 Dec 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 FB112515-5RI

Tot Ion:244 Resp: 1737483
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 9.4 11.0 16.6#

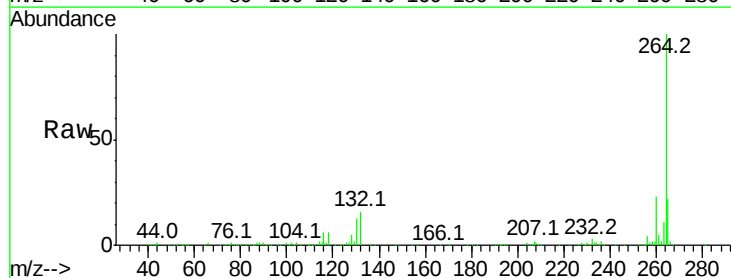


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.67 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF083515.D
 Acq: 5 Dec 2015 15:26

Tgt Ion:264 Resp: 330445
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.0
 265 21.7 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

