

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083521.D
 Acq On : 5 Dec 2015 22:48
 Operator : UM/IZ
 Sample : G4588-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Quant Time: Dec 07 02:49:09 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	158689	20.00	ng	0.00
21) Naphthalene-d8	7.66	136	602245	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	304454	20.00	ng	-0.01
63) Phenanthrene-d10	12.85	188	547821	20.00	ng	0.00
75) Chrysene-d12	17.04	240	421693	20.00	ng	-0.01
86) Perylene-d12	18.67	264	324006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.03	112	665530	63.63	ng	0.00
7) Phenol-d6	5.32	99	589007	40.87	ng	0.00
23) Nitrobenzene-d5	6.59	82	1149285	89.20	ng	-0.01
41) 2,4,6-Tribromophenol	11.75	330	378330	134.71	ng	-0.01
44) 2-Fluorobiphenyl	9.41	172	1894210	84.39	ng	-0.01
78) Terphenyl-d14	15.49	244	1734031	91.50	ng	0.01

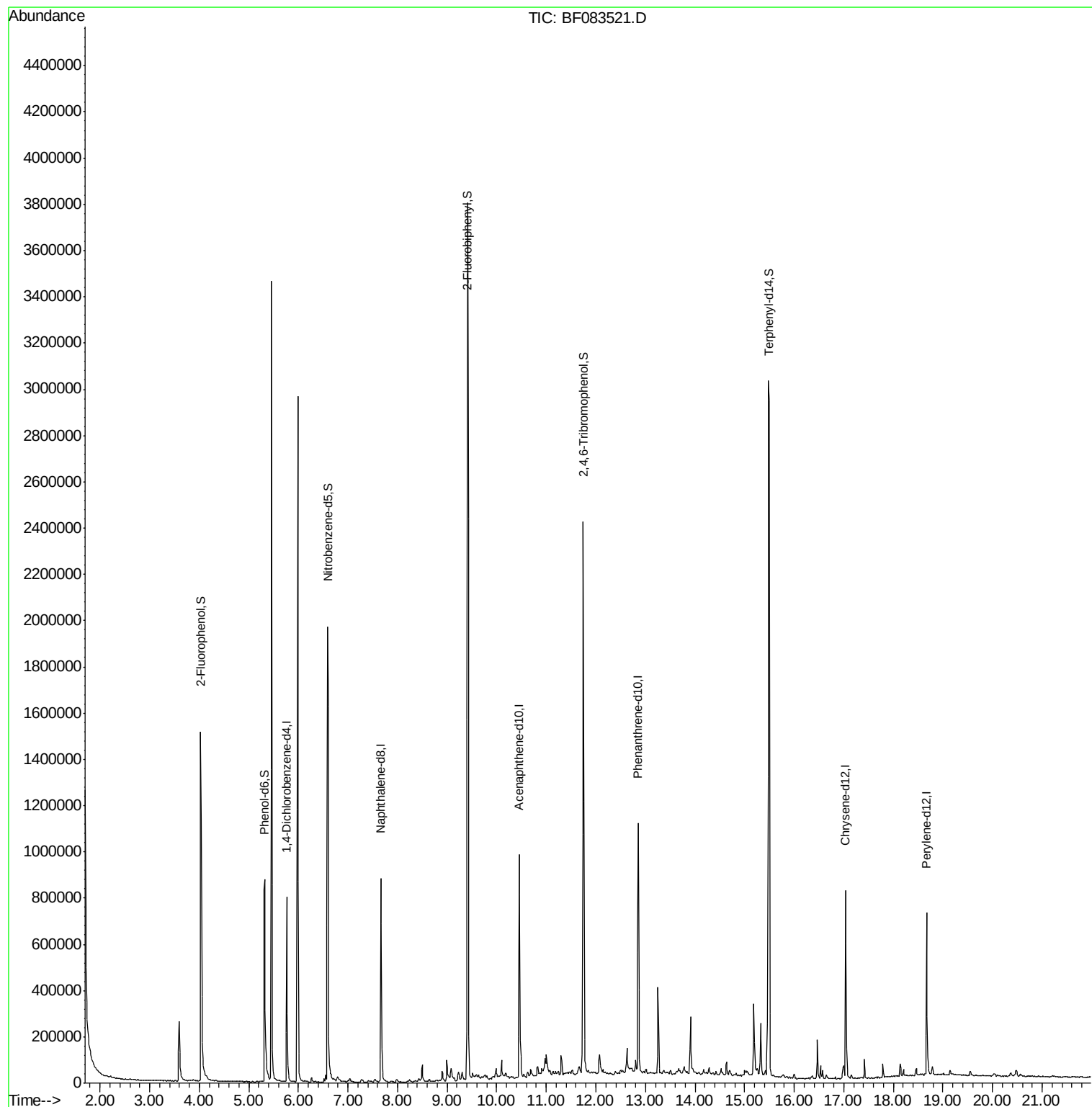
Target Compounds Qvalue

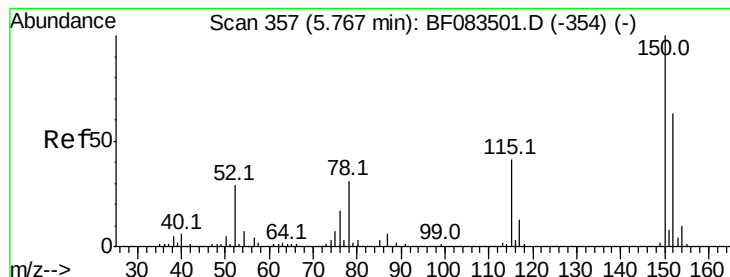
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083521.D

Acq: 5 Dec 2015 22:48

Instrument :

BNA_F

ClientSampled :

MW-09

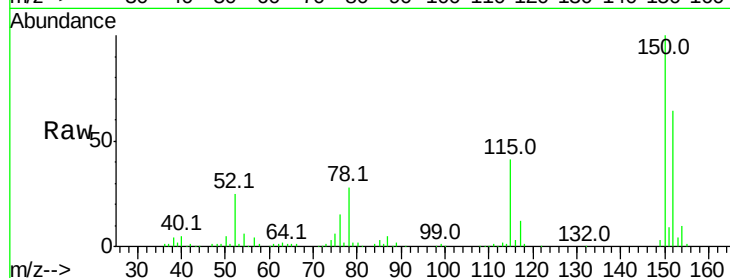
Tot Ion:152 Resp: 158689

Ion Ratio Lower Upper

152 100

150 157.4 126.5 189.7

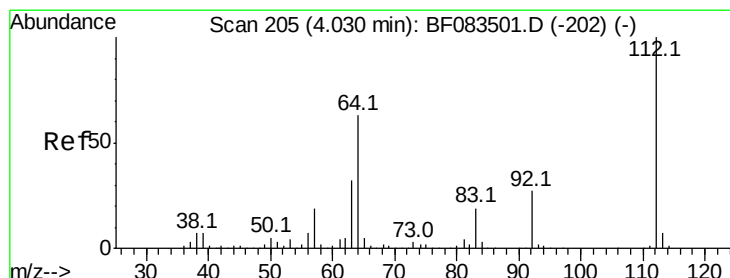
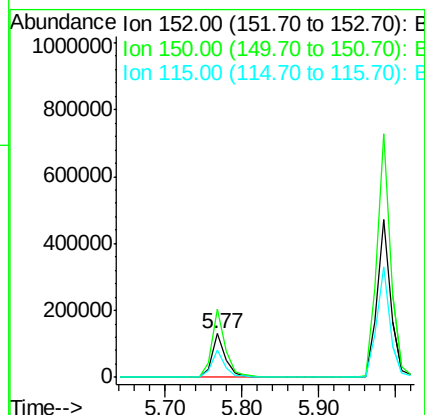
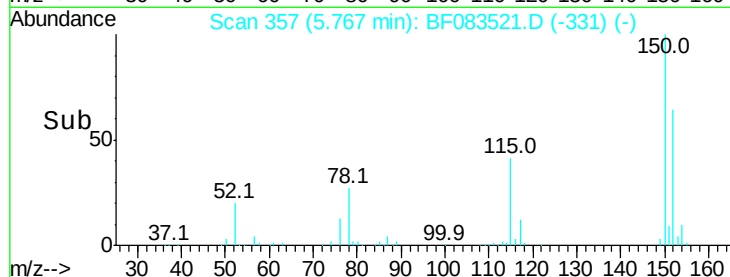
115 63.9 52.3 78.5



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: 63.63 ng

RT: 4.03 min Scan# 205

Delta R.T. 0.00 min

Lab File: BF083521.D

Acq: 5 Dec 2015 22:48

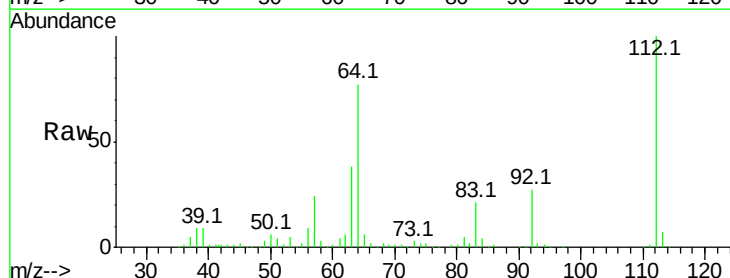
Tgt Ion:112 Resp: 665530

Ion Ratio Lower Upper

112 100

64 77.4 50.5 75.7#

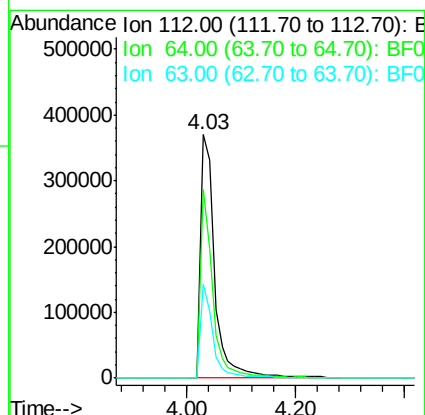
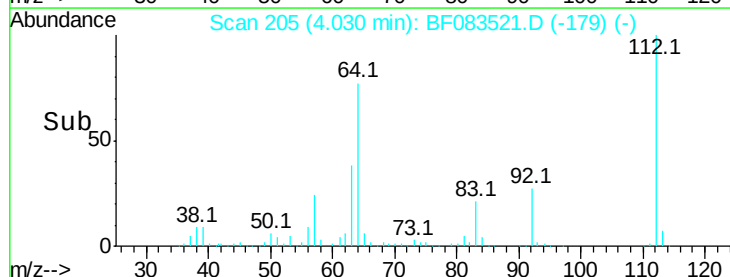
63 38.3 25.8 38.6

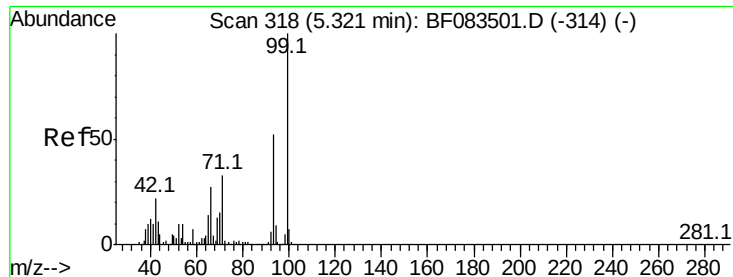


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.87 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083521.D

Acq: 5 Dec 2015 22:48

Instrument :

BNA_F

ClientSampleId :

MW-09

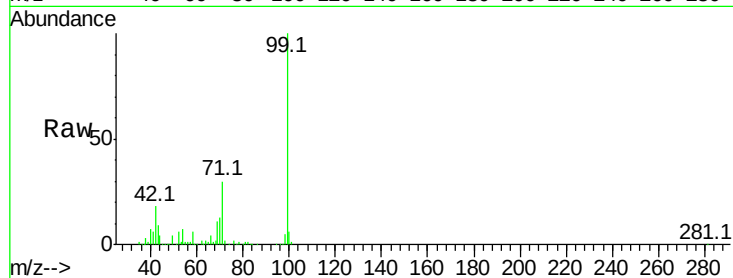
Tot Ion: 99 Resp: 589007

Ion Ratio Lower Upper

99 100

42 17.8 17.3 25.9

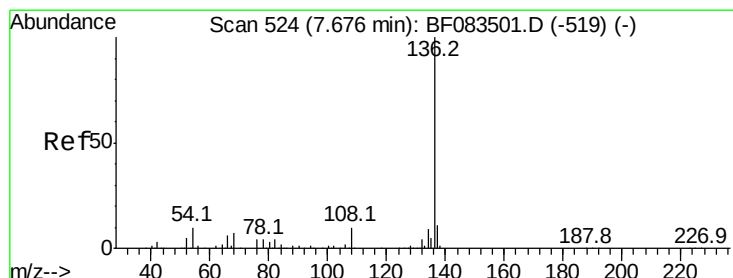
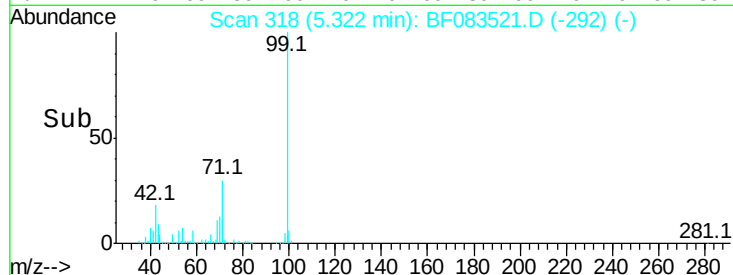
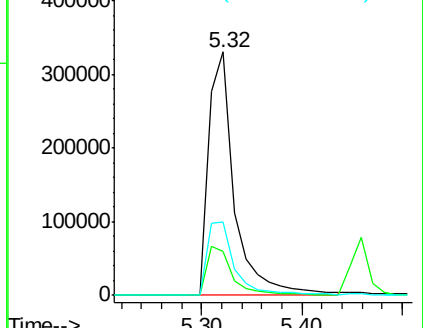
71 30.2 26.6 40.0



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: 7.66 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF083521.D

Acq: 5 Dec 2015 22:48

Tgt Ion: 136 Resp: 602245

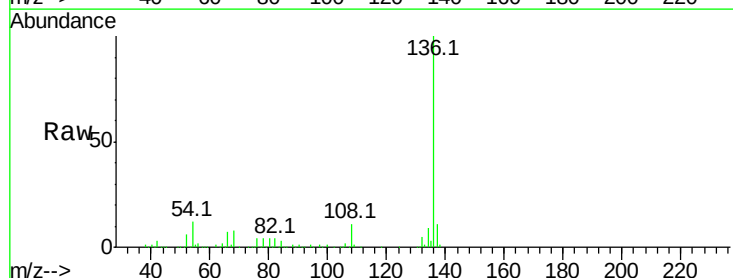
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 12.1 7.8 11.6#

68 8.0 5.7 8.5

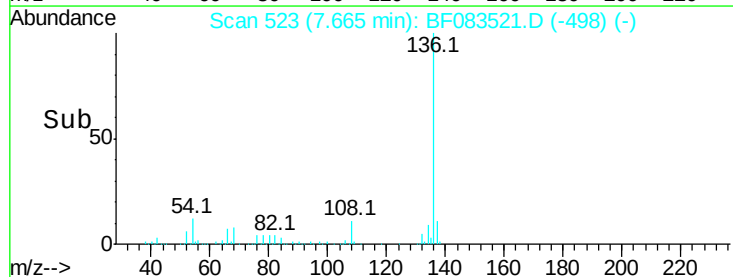
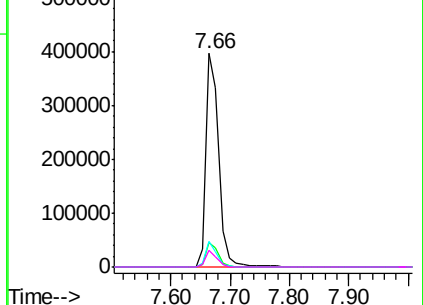


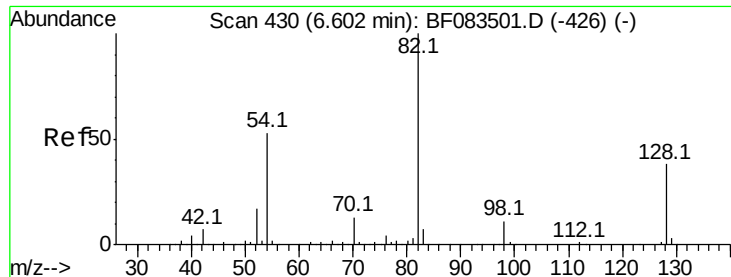
Abundance Ion 136.00 (135.70 to 136.70): E

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

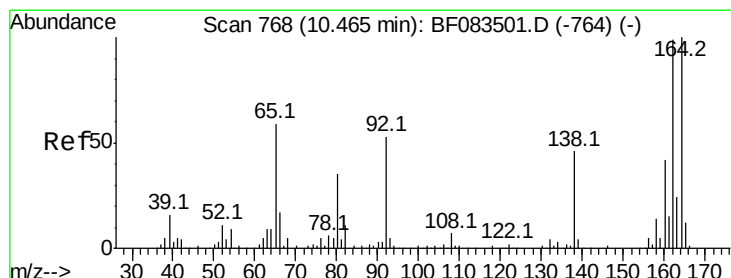
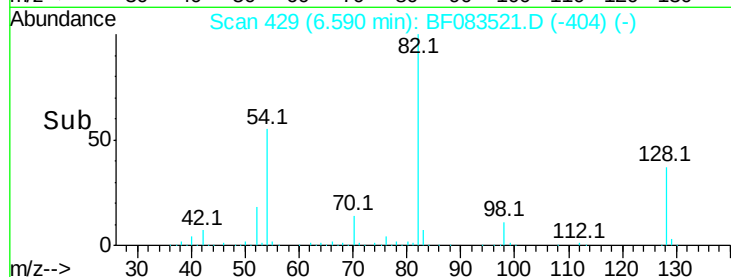
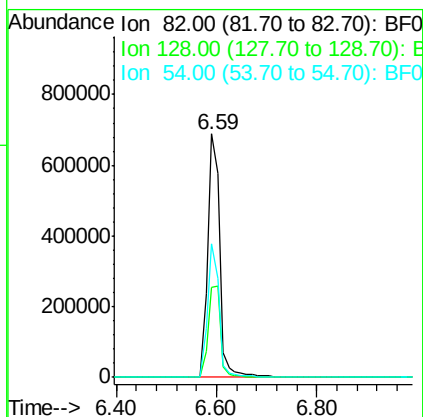
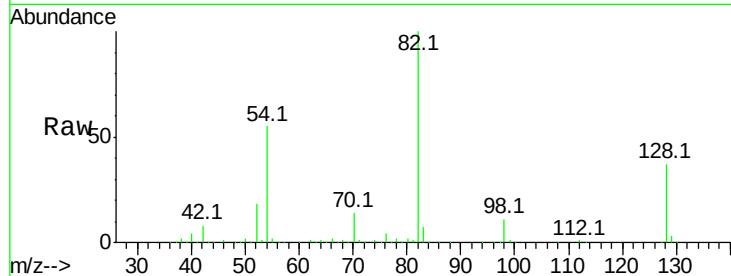




#23
 Nitrobenzene-d5
 Concen: 89.20 ng
 RT: 6.59 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BF083521.D
 Acq: 5 Dec 2015 22:48

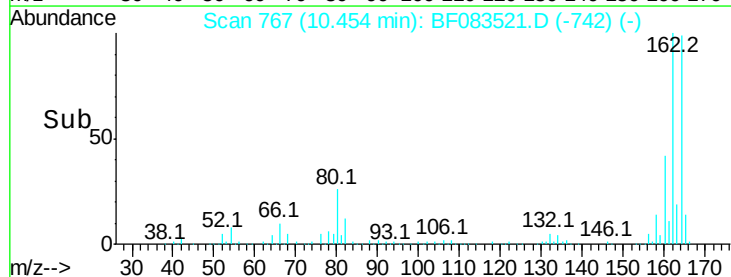
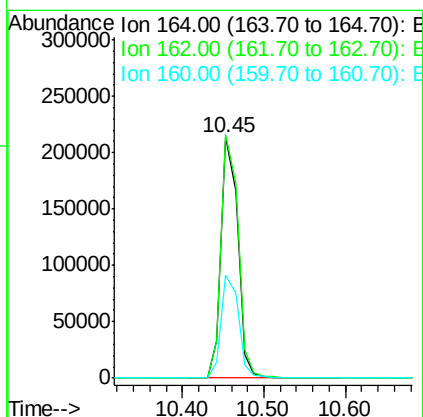
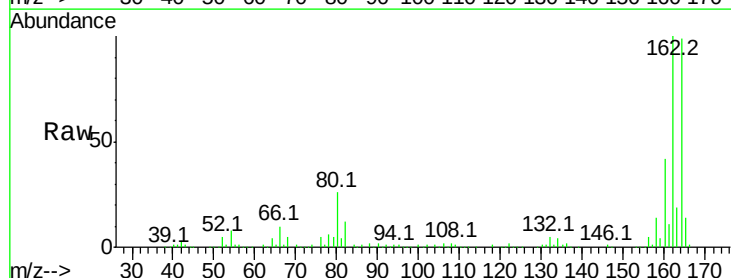
Instrument :
 BNA_F
 ClientSampled :
 MW-09

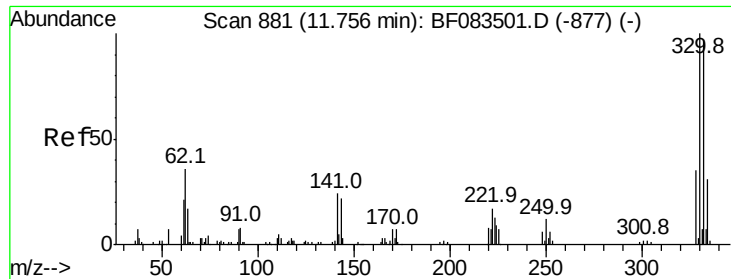
Tot Ion: 82 Resp: 1149285
 Ion Ratio Lower Upper
 82 100
 128 37.1 30.7 46.1
 54 55.1 42.5 63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF083521.D
 Acq: 5 Dec 2015 22:48

Tgt Ion:164 Resp: 304454
 Ion Ratio Lower Upper
 164 100
 162 101.1 78.8 118.2
 160 42.8 33.4 50.2

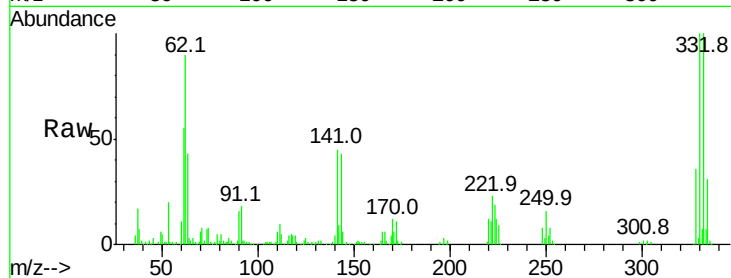




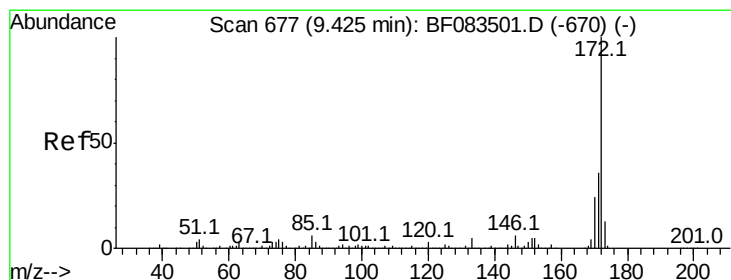
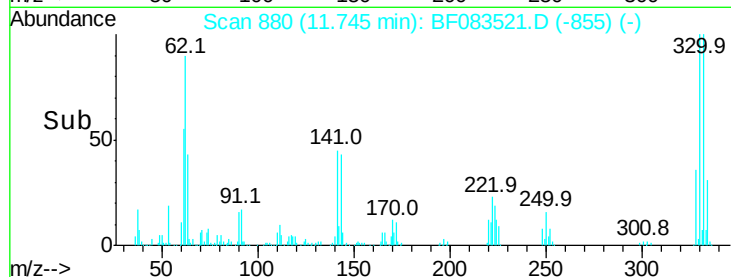
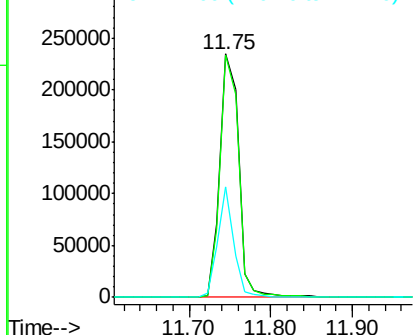
#41
 2,4,6-Tribromophenol
 Concen: 134.71 ng
 RT: 11.75 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF083521.D
 Acq: 5 Dec 2015 22:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Tot Ion:330 Resp: 378330
 Ion Ratio Lower Upper
 330 100
 332 98.5 0.0 0.0#
 141 38.5 0.0 0.0#

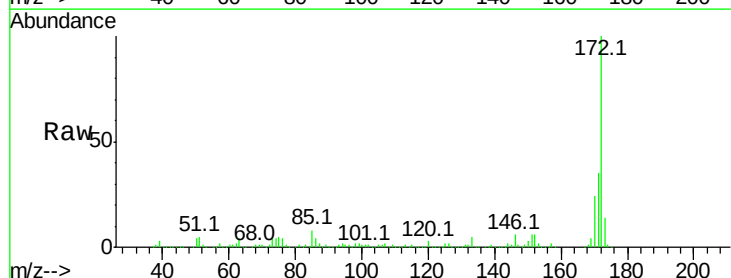


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

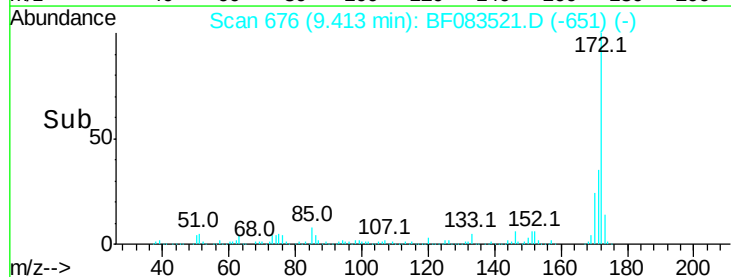
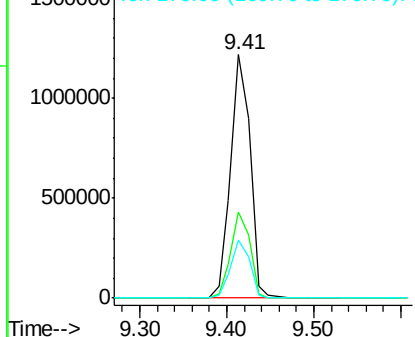


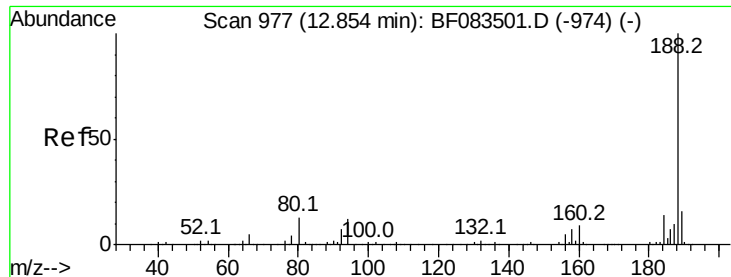
#44
 2-Fluorobiphenyl
 Concen: 84.39 ng
 RT: 9.41 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF083521.D
 Acq: 5 Dec 2015 22:48

Tgt Ion:172 Resp: 1894210
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 23.9 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

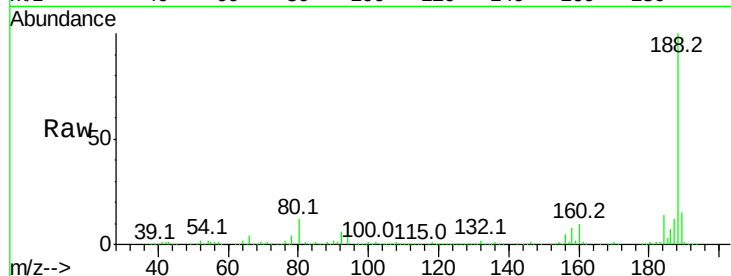




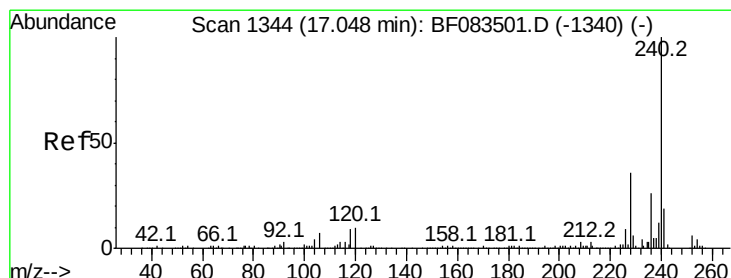
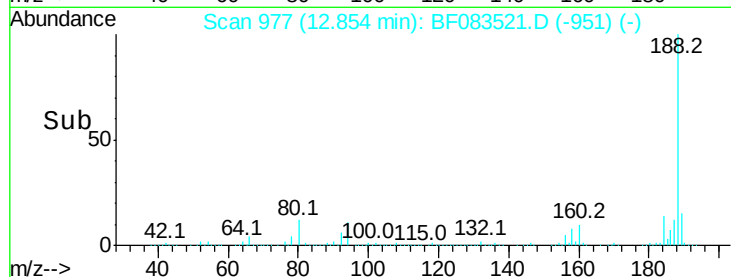
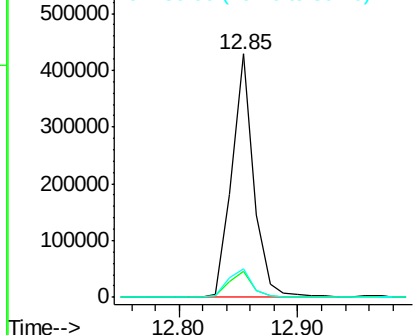
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF083521.D
Acq: 5 Dec 2015 22:48

Instrument :
BNA_F
ClientSampleID :
MW-09

Tot Ion:188 Resp: 547821
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.9 10.6 16.0

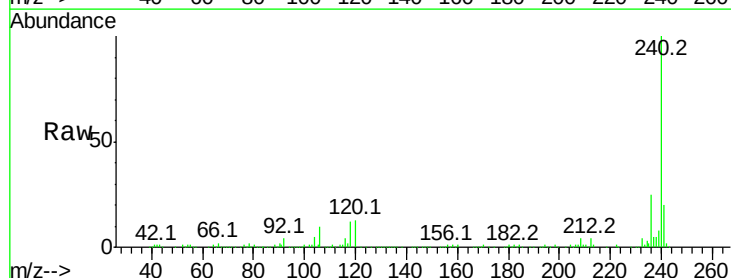


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

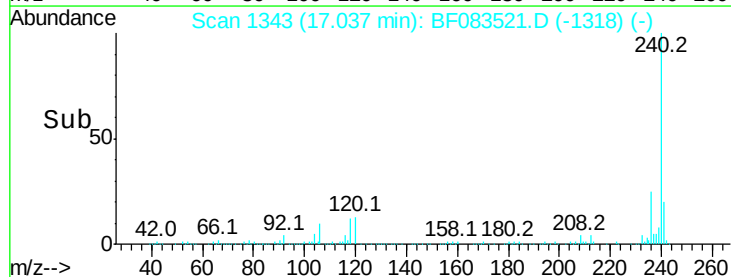
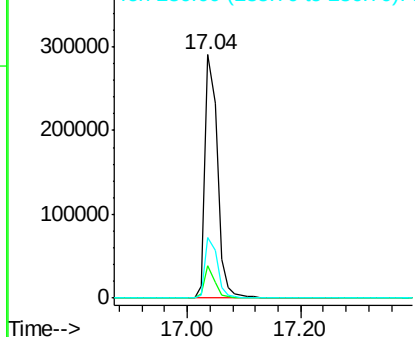


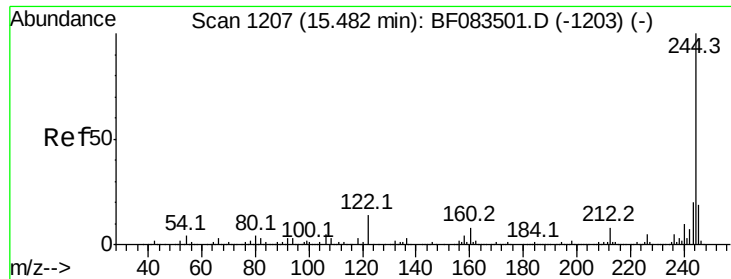
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.04 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF083521.D
Acq: 5 Dec 2015 22:48

Tgt Ion:240 Resp: 421693
Ion Ratio Lower Upper
240 100
120 13.5 8.1 12.1#
236 24.9 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

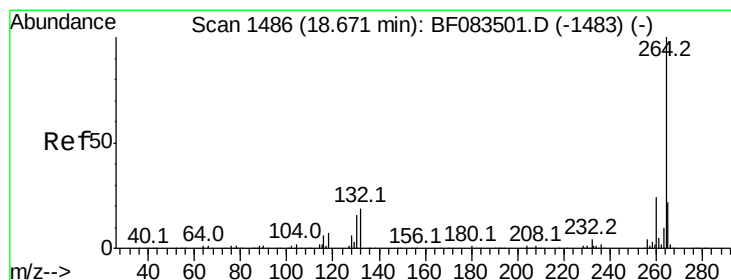
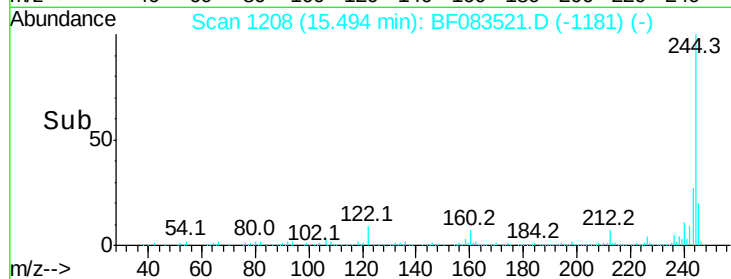
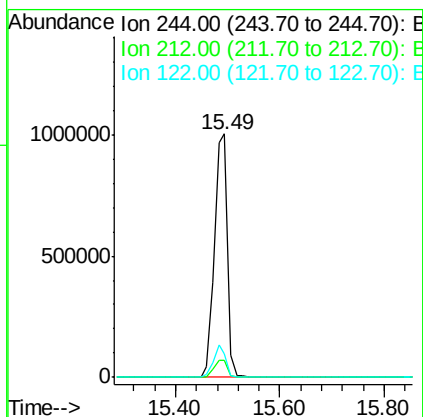
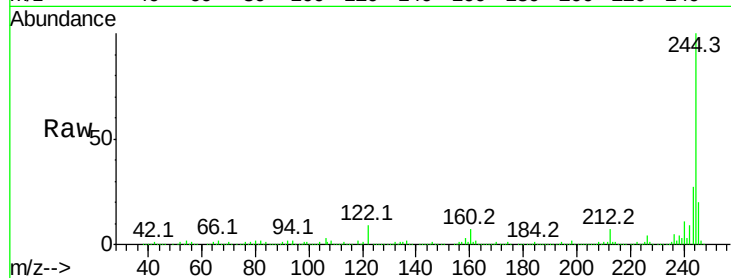




#78
 Terphenyl-d14
 Concen: 91.50 ng
 RT: 15.49 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF083521.D
 Acq: 5 Dec 2015 22:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Tot Ion:244 Resp: 1734031
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 9.4 11.0 16.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.67 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF083521.D
 Acq: 5 Dec 2015 22:48

Tgt Ion:264 Resp: 324006
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.0
 265 21.5 17.8 26.6

