

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
 Data File : BF083589.D
 Acq On : 8 Dec 2015 8:44
 Operator : UM/IZ
 Sample : G4588-20
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Time: Dec 08 10:29:02 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	5.72	152	153887	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	545446	20.00	ng	-0.06
38) Acenaphthene-d10	10.41	164	239031	20.00	ng	-0.06
63) Phenanthrene-d10	12.81	188	363237	20.00	ng	-0.05
75) Chrysene-d12	17.01	240	346421	20.00	ng	-0.03
86) Perylene-d12	18.65	264	245252	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.00	112	563791	55.58	ng	-0.03
7) Phenol-d6	5.29	99	490418	35.09	ng	-0.03
23) Nitrobenzene-d5	6.56	82	999798	85.68	ng	-0.05
41) 2,4,6-Tribromophenol	11.71	330	247482	112.24	ng	-0.05
44) 2-Fluorobiphenyl	9.37	172	1462942	83.01	ng	-0.06
78) Terphenyl-d14	15.45	244	1005374	64.58	ng	-0.03

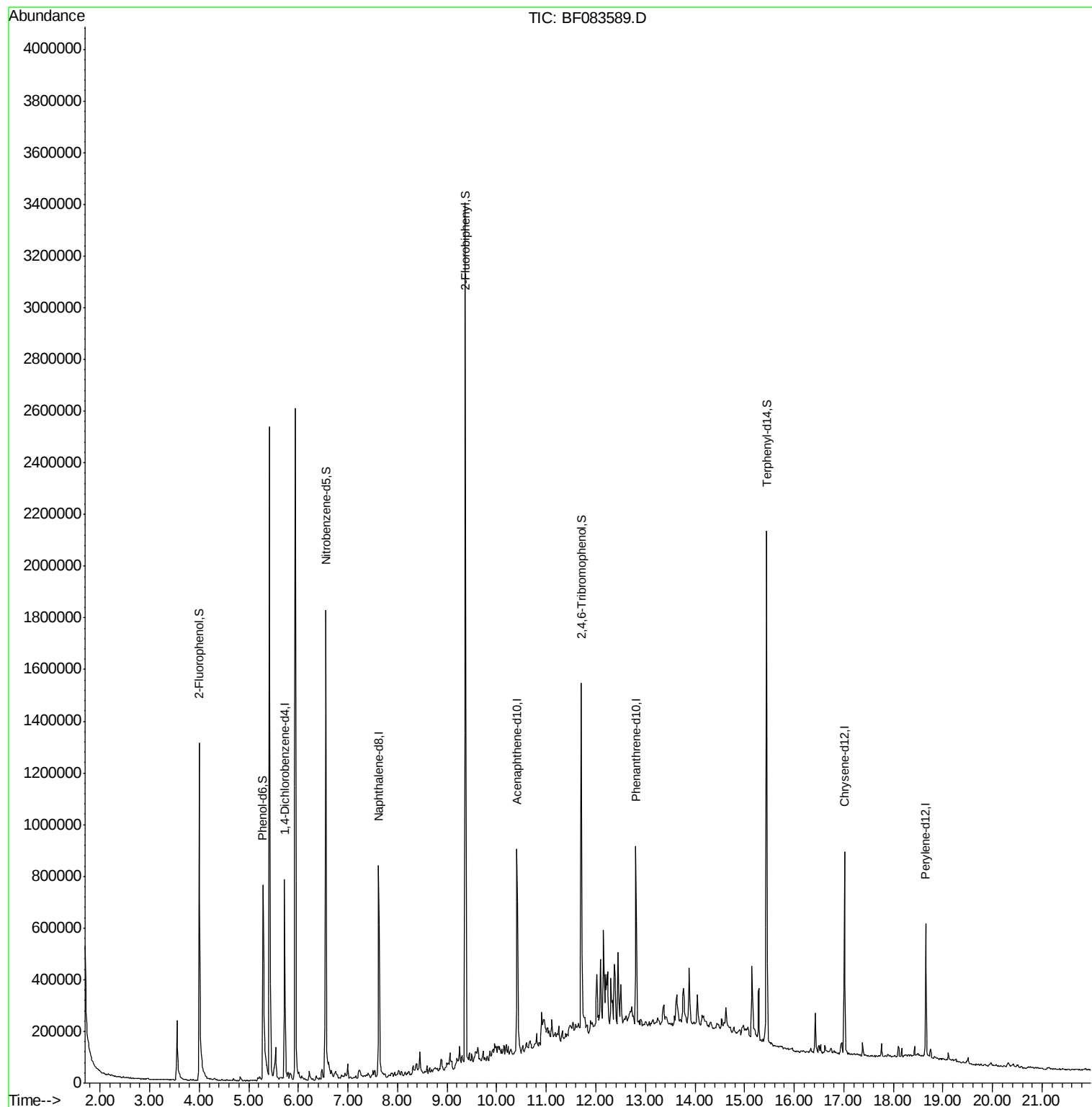
Target Compounds Qvalue

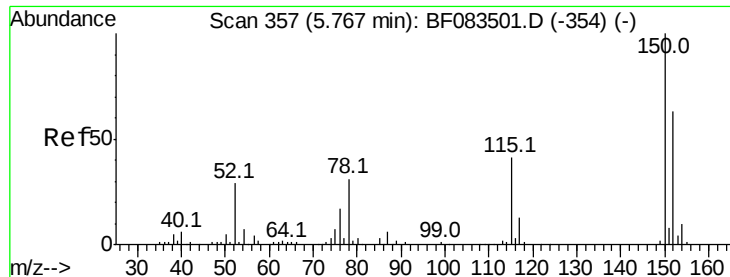
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.72 min Scan# 353

Delta R.T. -0.05 min

Lab File: BF083589.D

Acq: 8 Dec 2015 8:44

Instrument :

BNA_F

ClientSampleId :

MW-18

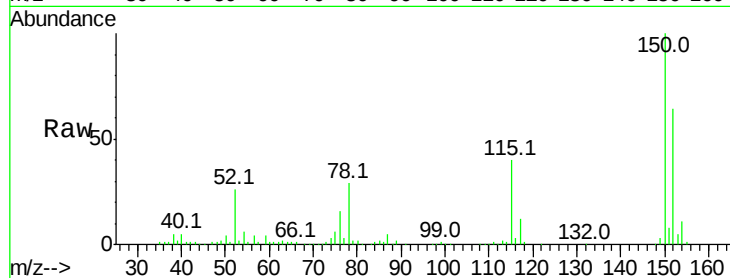
Tot Ion:152 Resp: 153887

Ion Ratio Lower Upper

152 100

150 156.1 126.5 189.7

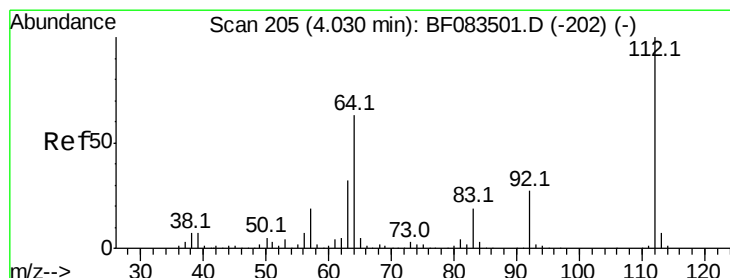
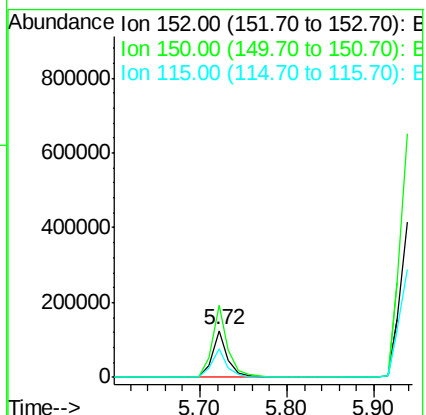
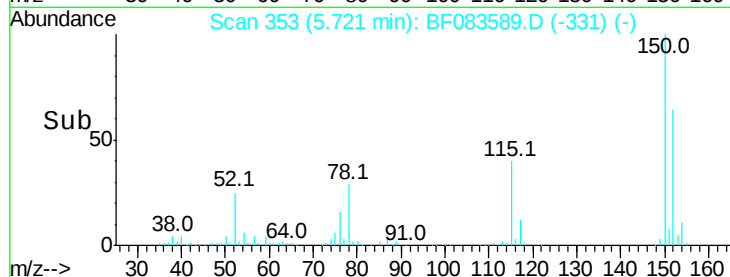
115 62.1 52.3 78.5



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: 55.58 ng

RT: 4.00 min Scan# 202

Delta R.T. -0.03 min

Lab File: BF083589.D

Acq: 8 Dec 2015 8:44

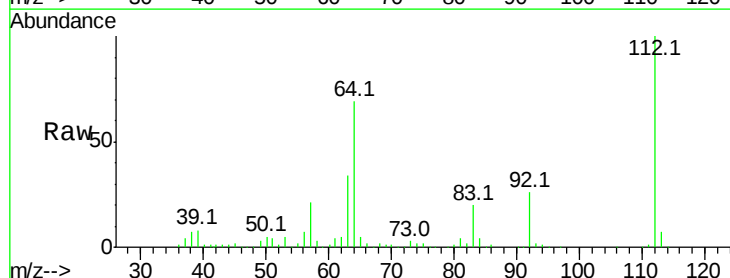
Tgt Ion:112 Resp: 563791

Ion Ratio Lower Upper

112 100

64 68.8 50.5 75.7

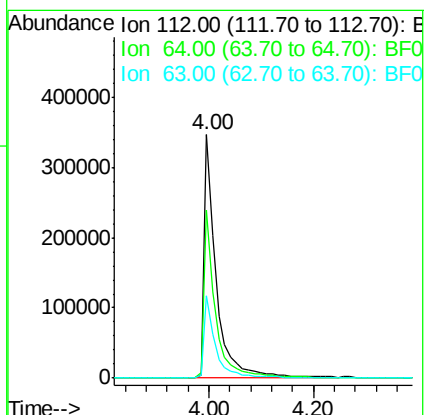
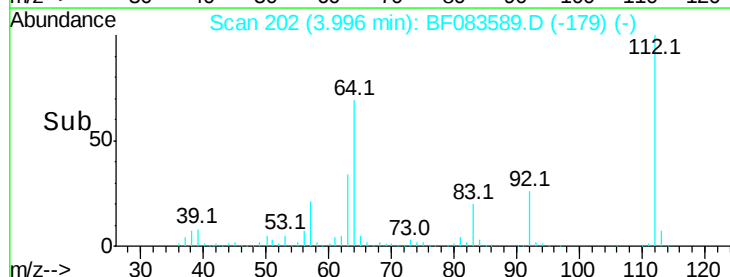
63 34.0 25.8 38.6

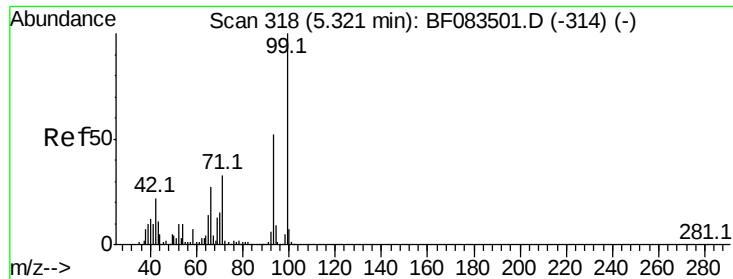


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.09 ng

RT: 5.29 min Scan# 315

Delta R.T. -0.03 min

Lab File: BF083589.D

Acq: 8 Dec 2015 8:44

Instrument :

BNA_F

ClientSampleId :

MW-18

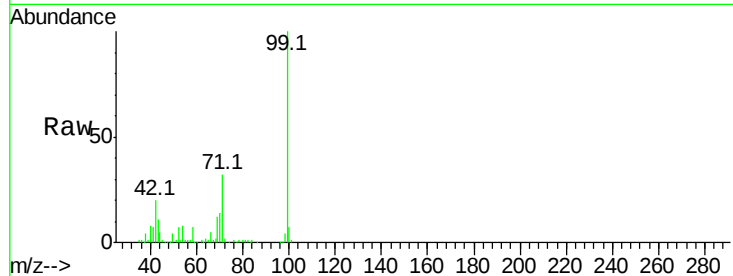
Tot Ion: 99 Resp: 490418

Ion Ratio Lower Upper

99 100

42 19.6 17.3 25.9

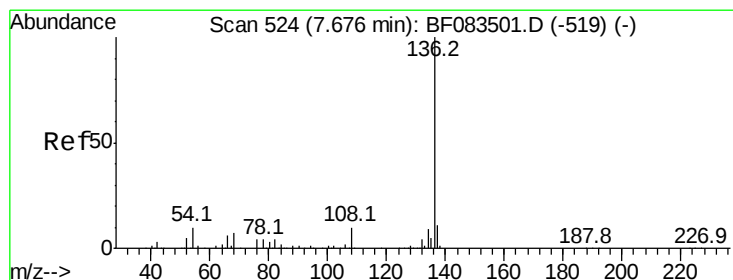
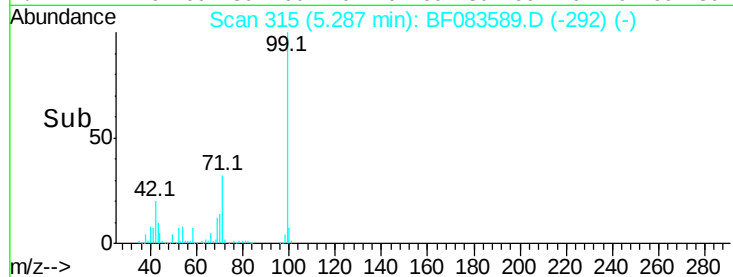
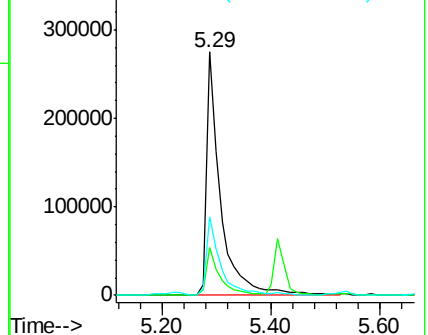
71 32.3 26.6 40.0



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: 7.62 min Scan# 519

Delta R.T. -0.06 min

Lab File: BF083589.D

Acq: 8 Dec 2015 8:44

Tgt Ion: 136 Resp: 545446

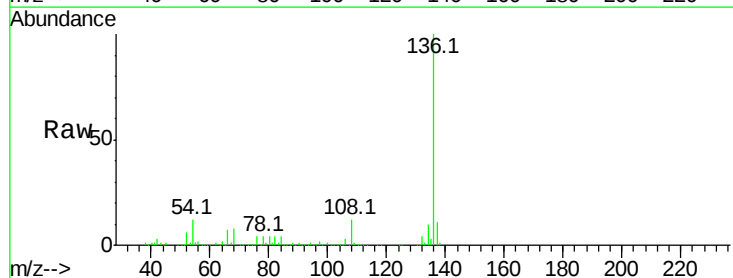
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 11.6 7.8 11.6

68 8.1 5.7 8.5

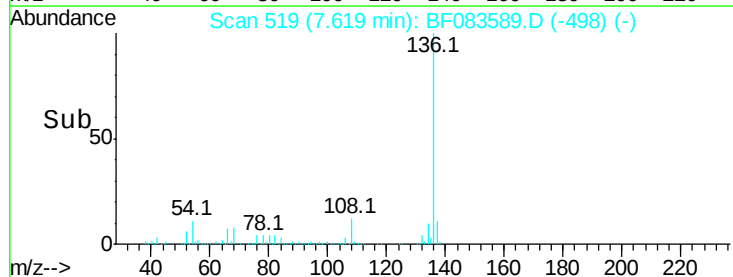
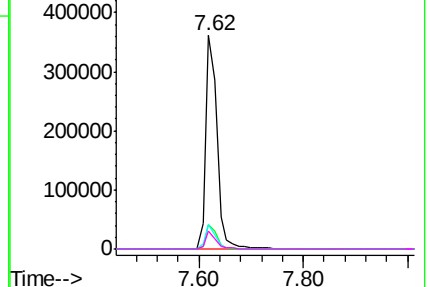


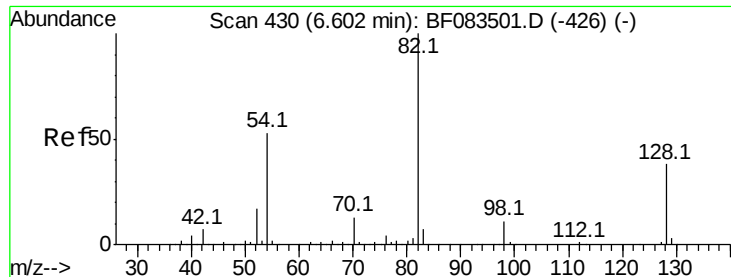
Abundance Ion 136.00 (135.70 to 136.70): E

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

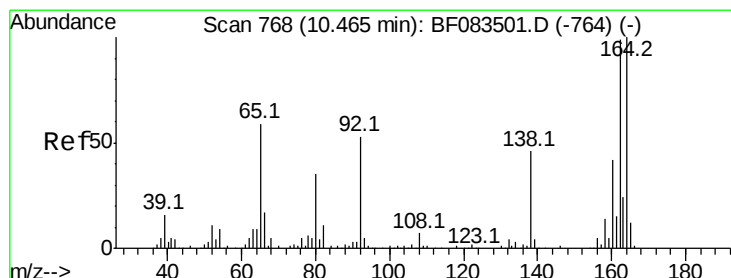
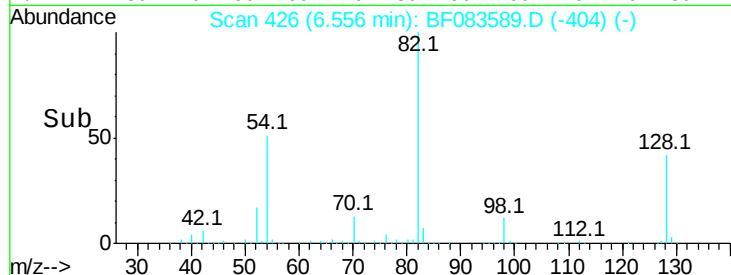
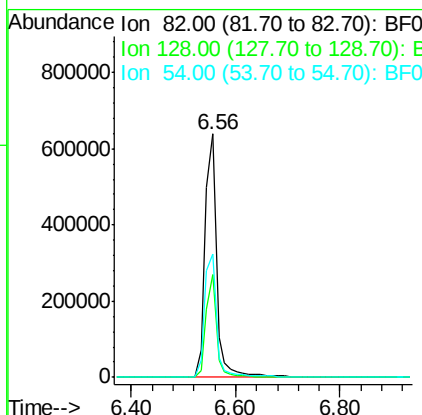
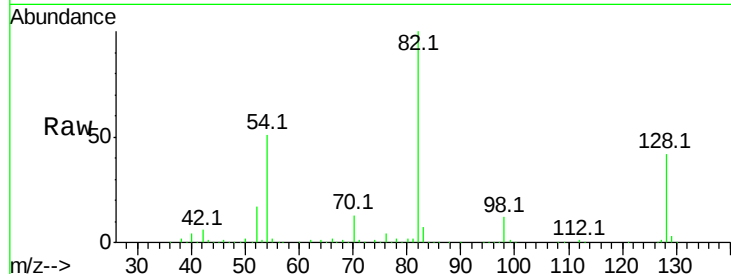




#23
 Nitrobenzene-d5
 Concen: 85.68 ng
 RT: 6.56 min Scan# 426
 Delta R.T. -0.05 min
 Lab File: BF083589.D
 Acq: 8 Dec 2015 8:44

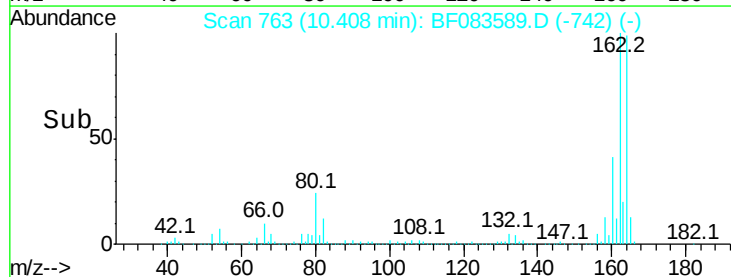
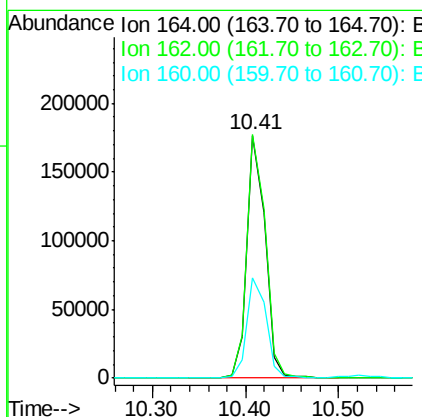
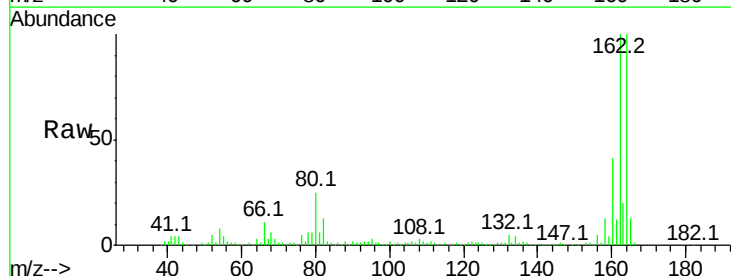
Instrument :
 BNA_F
 ClientSampleId :
 MW-18

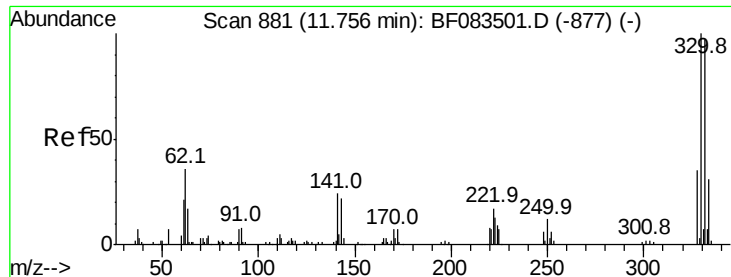
Tot Ion: 82 Resp: 999798
 Ion Ratio Lower Upper
 82 100
 128 42.4 30.7 46.1
 54 50.5 42.5 63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 763
 Delta R.T. -0.06 min
 Lab File: BF083589.D
 Acq: 8 Dec 2015 8:44

Tgt Ion: 164 Resp: 239031
 Ion Ratio Lower Upper
 164 100
 162 100.5 78.8 118.2
 160 41.1 33.4 50.2

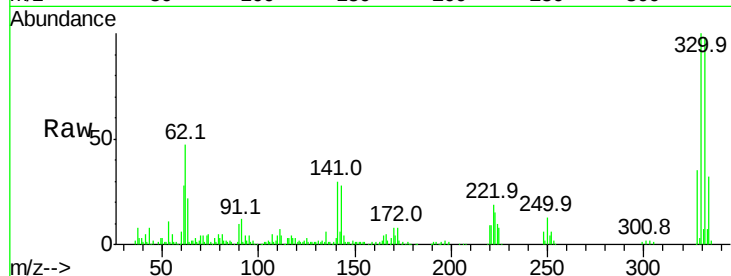




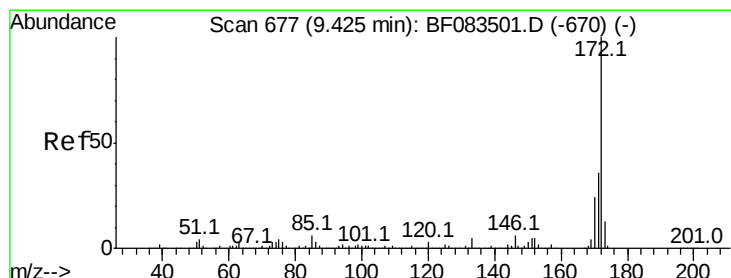
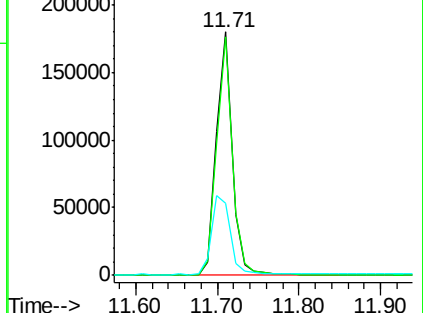
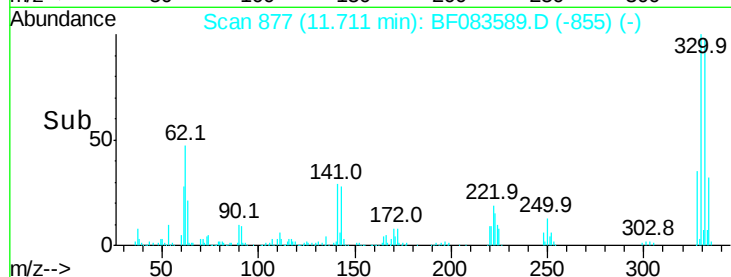
#41
 2,4,6-Tribromophenol
 Concen: 112.24 ng
 RT: 11.71 min Scan# 877
 Delta R.T. -0.05 min
 Lab File: BF083589.D
 Acq: 8 Dec 2015 8:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Tot Ion:330 Resp: 247482
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 39.0 0.0 0.0#

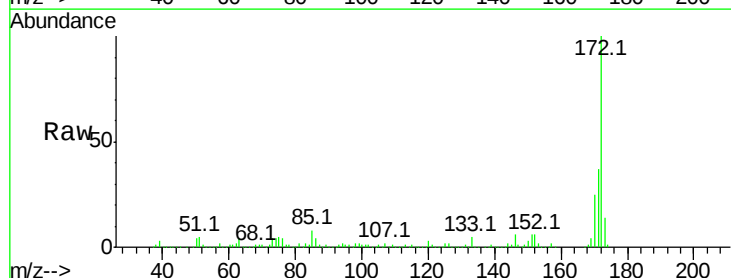


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

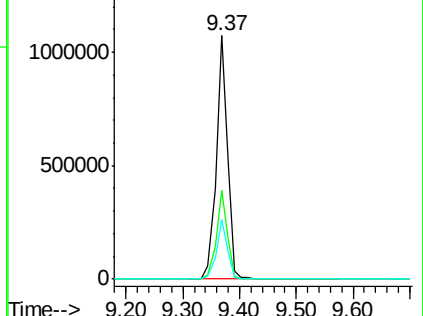
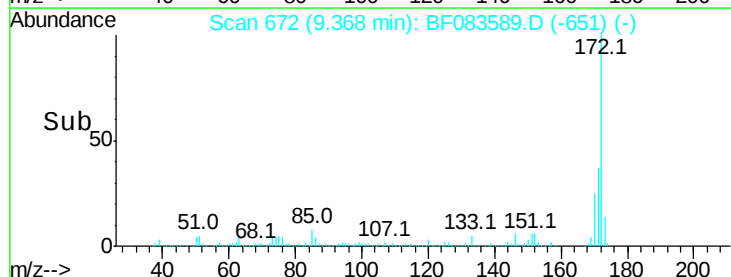


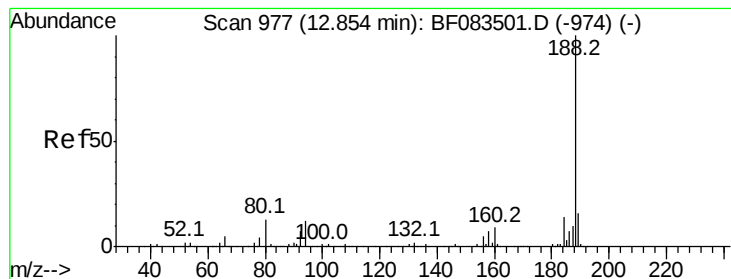
#44
 2-Fluorobiphenyl
 Concen: 83.01 ng
 RT: 9.37 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF083589.D
 Acq: 8 Dec 2015 8:44

Tgt Ion:172 Resp: 1462942
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.6 42.8
 170 24.5 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: 12.81 min Scan# 973

Delta R.T. -0.05 min

Lab File: BF083589.D

Acq: 8 Dec 2015 8:44

Instrument :

BNA_F

ClientSampleId :

MW-18

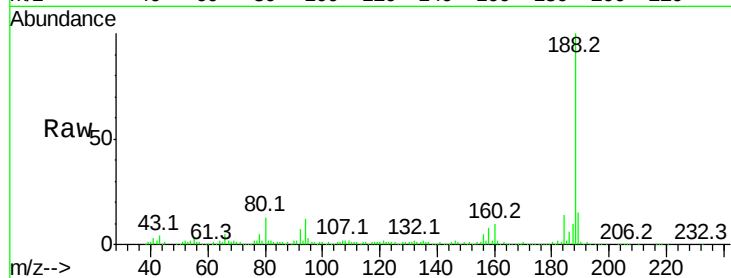
Tot Ion:188 Resp: 363237

Ion Ratio Lower Upper

188 100

94 11.8 9.4 14.2

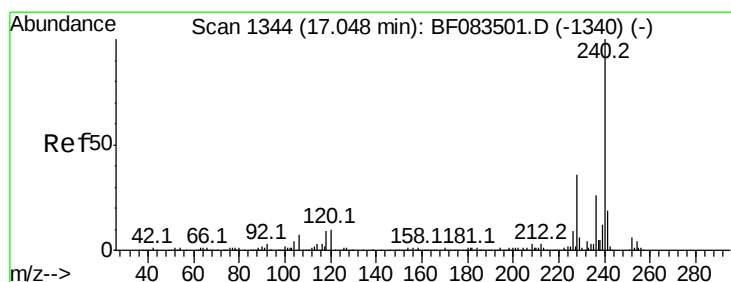
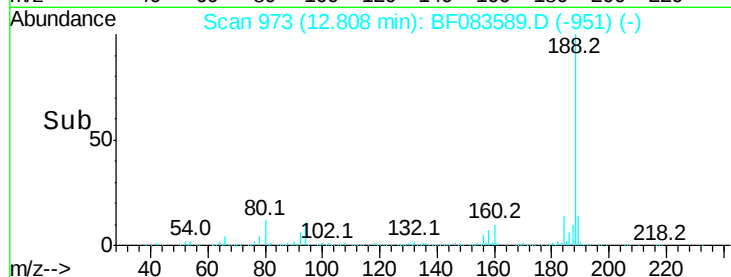
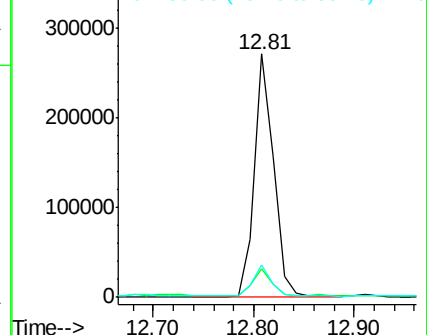
80 13.1 10.6 16.0



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: 17.01 min Scan# 1341

Delta R.T. -0.03 min

Lab File: BF083589.D

Acq: 8 Dec 2015 8:44

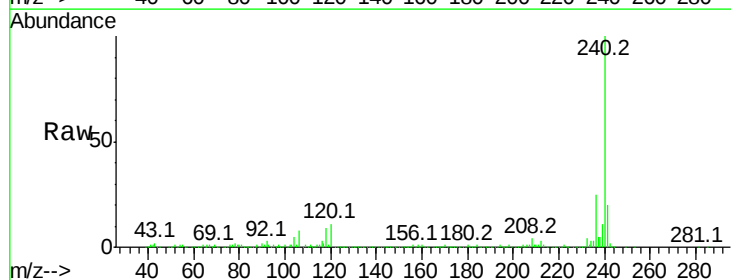
Tgt Ion:240 Resp: 346421

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

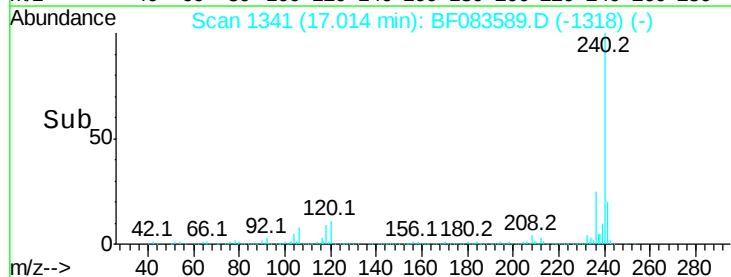
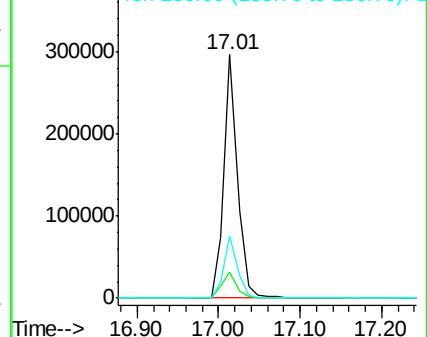
236 25.4 20.8 31.2

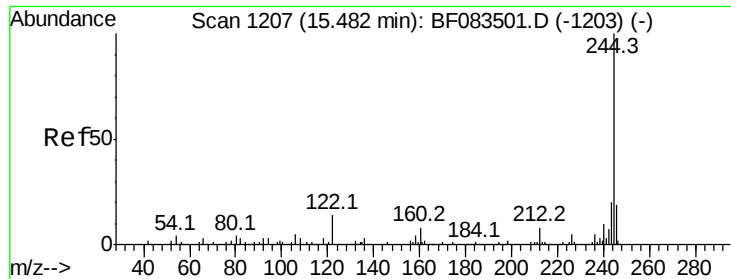


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.58 ng

RT: 15.45 min Scan# 1204

Delta R.T. -0.03 min

Lab File: BF083589.D

Acq: 8 Dec 2015 8:44

Instrument :

BNA_F

ClientSampleId :

MW-18

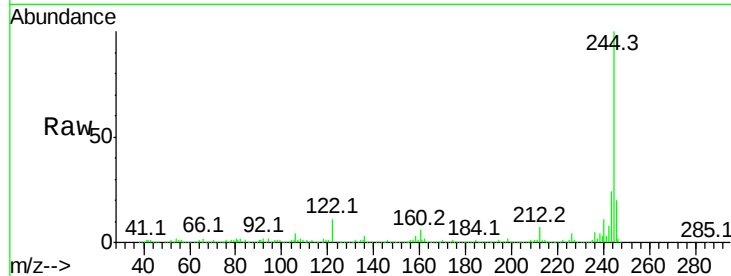
Tot Ion:244 Resp: 1005374

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

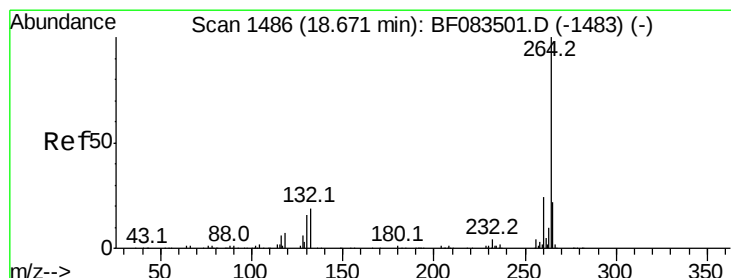
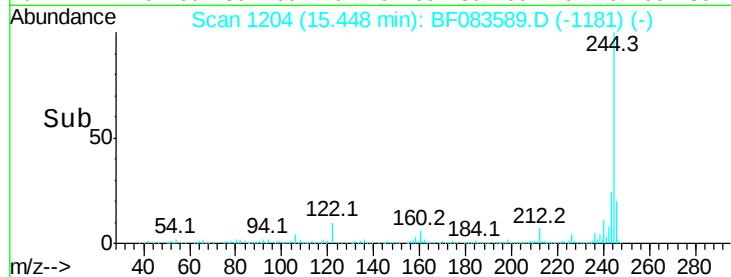
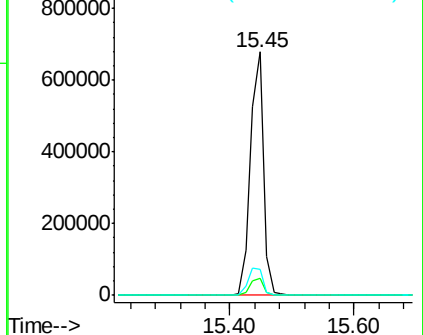
122 10.5 11.0 16.6#



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: 18.65 min Scan# 1484

Delta R.T. -0.02 min

Lab File: BF083589.D

Acq: 8 Dec 2015 8:44

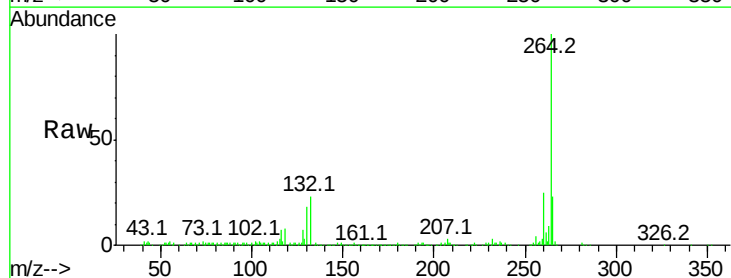
Tgt Ion:264 Resp: 245252

Ion Ratio Lower Upper

264 100

260 25.3 19.4 29.0

265 23.1 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

