

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 10:00:02 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

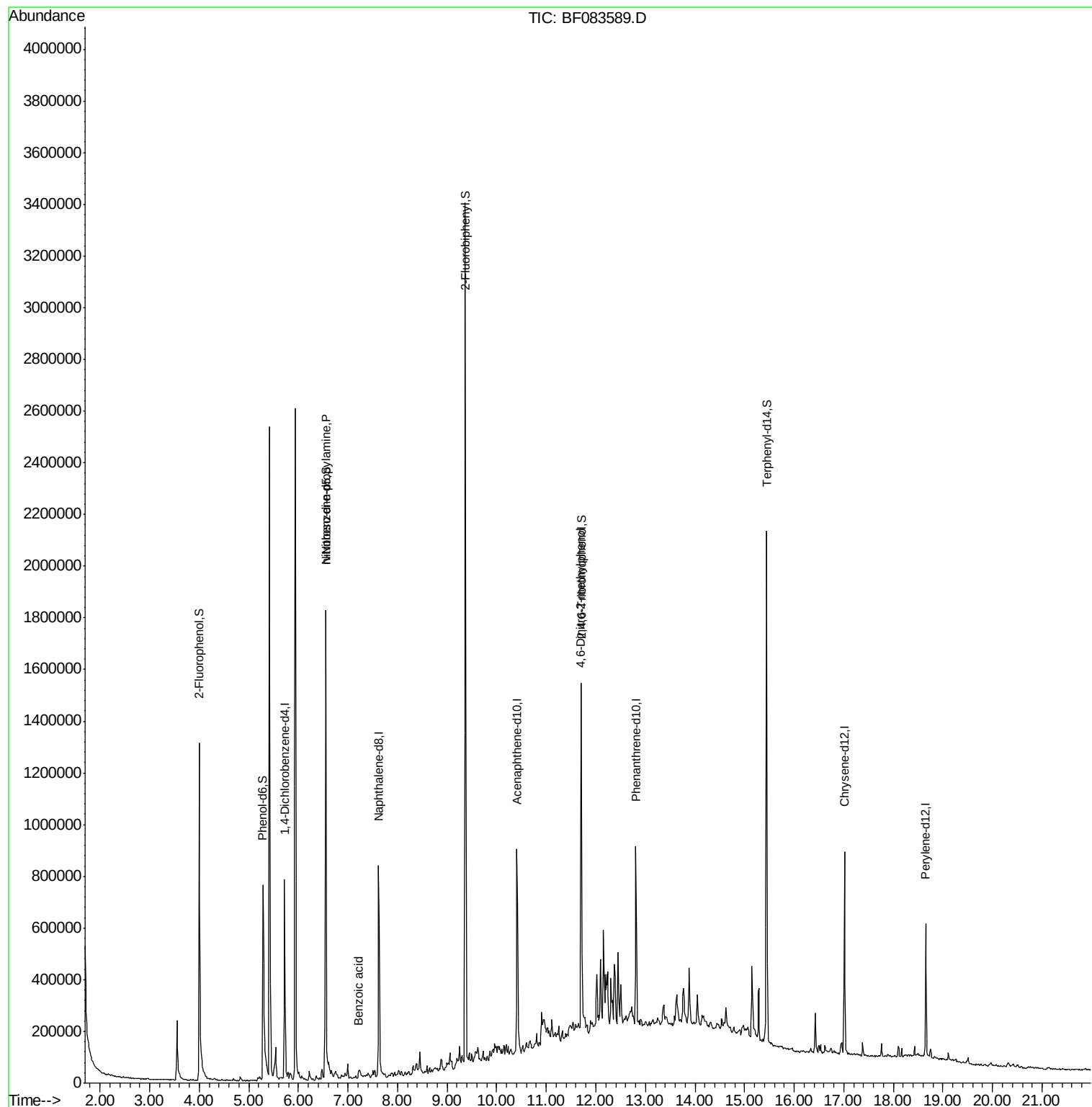
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	153887	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	545446	20.00	ng	-0.06
38) Acenaphthene-d10	10.41	164	239031	20.00	ng	-0.06
63) Phenanthrene-d10	12.81	188	363237	20.00	ng	-0.05
75) Chrysene-d12	17.01	240	346421	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						
19) n-Nitroso-di-n-propylamine	6.56	70	126086	13.52	ng	# 76
32) Benzoic acid	7.22	122	8995	4.41	ng	# 13
64) 4,6-Dinitro-2-methylphenol	11.70	198	466	3.66	ng	# 1

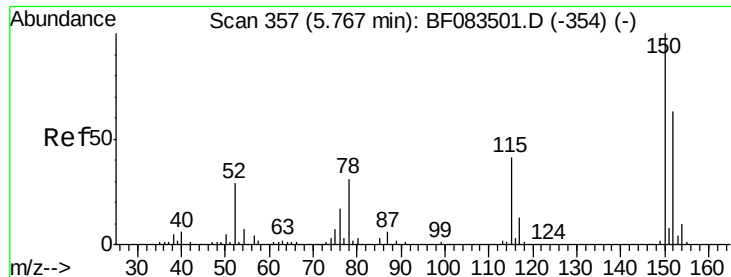
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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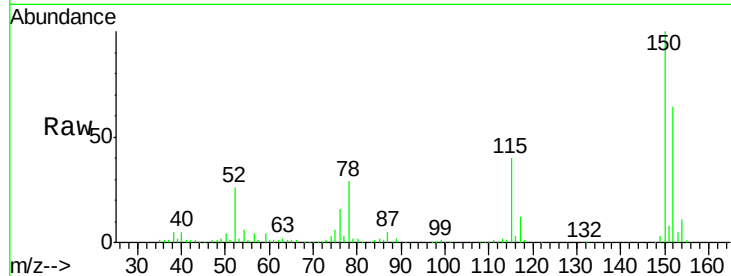


#1

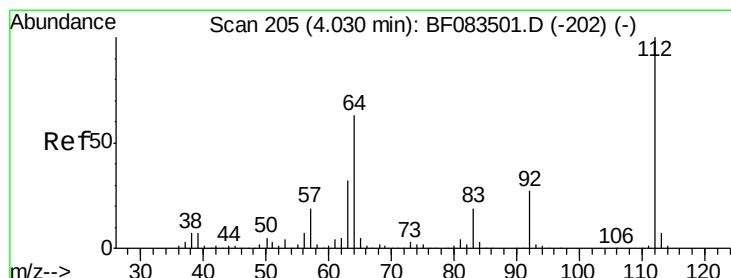
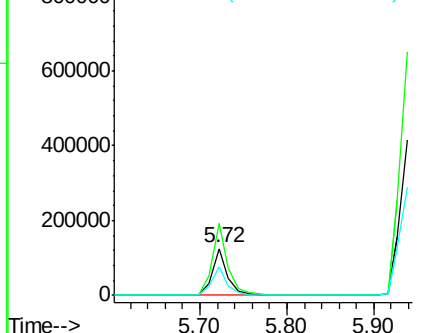
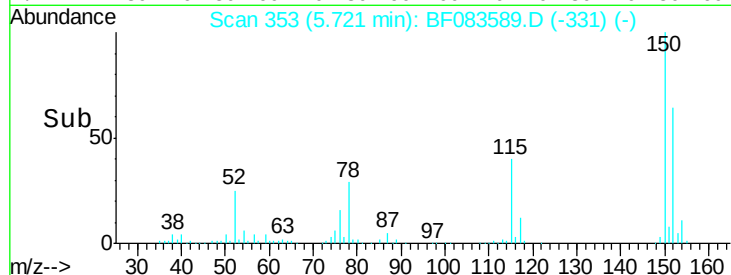
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.72 min Scan# 353
Delta R.T. -0.05 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

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



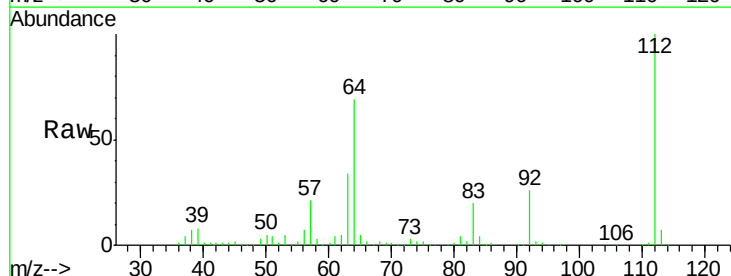
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



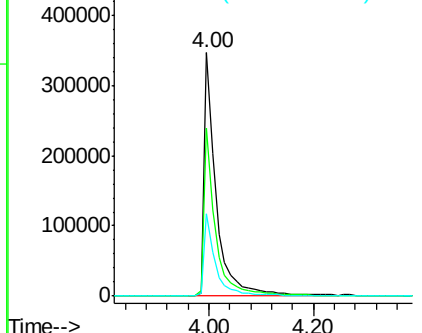
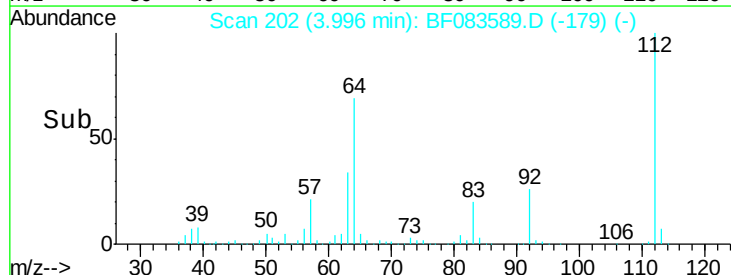
#5

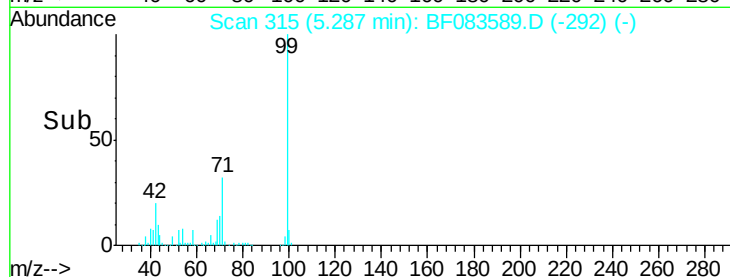
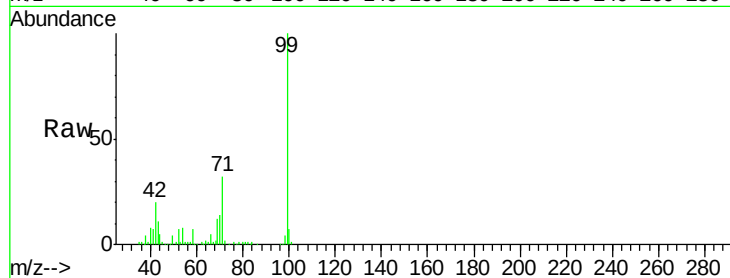
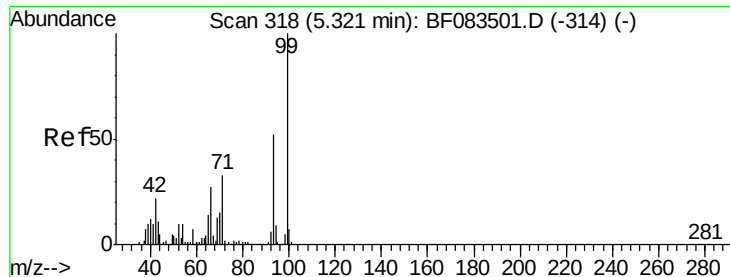
2-Fluorophenol
Concen: 55.58 ng
RT: 4.00 min Scan# 202
Delta R.T. -0.03 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

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

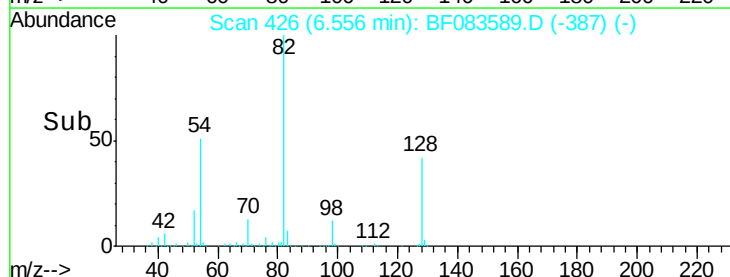
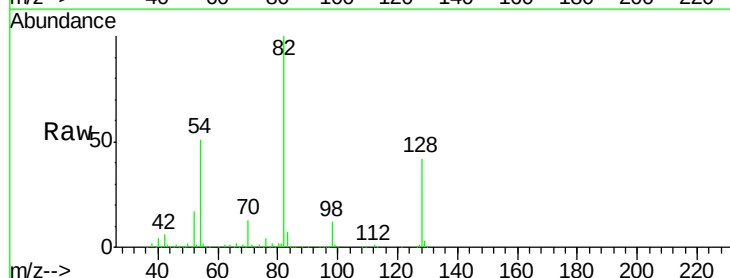
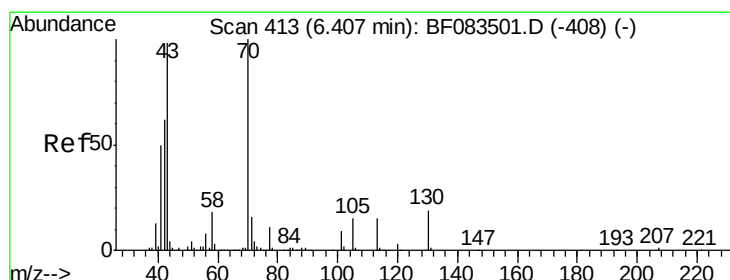
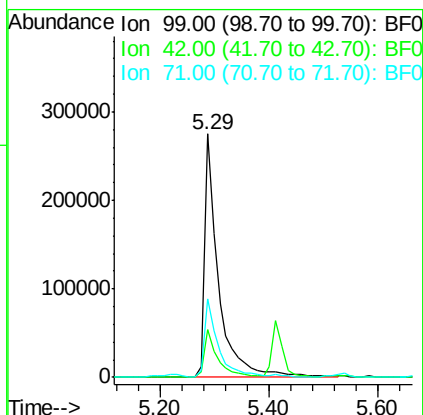
Tot Ion: 99 Resp: 490418

Ion Ratio Lower Upper

99 100

42 19.6 17.3 25.9

71 32.3 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.52 ng

RT: 6.56 min Scan# 426

Delta R.T. 0.15 min

Lab File: BF083589.D

Acq: 8 Dec 2015 8:44

Tgt Ion: 70 Resp: 126086

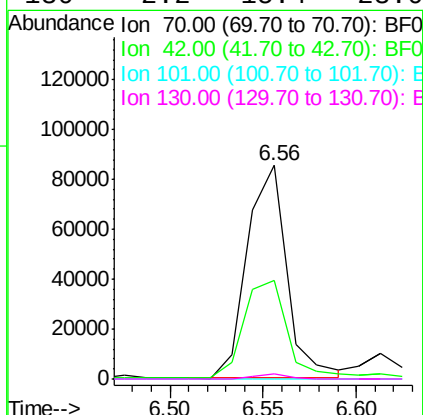
Ion Ratio Lower Upper

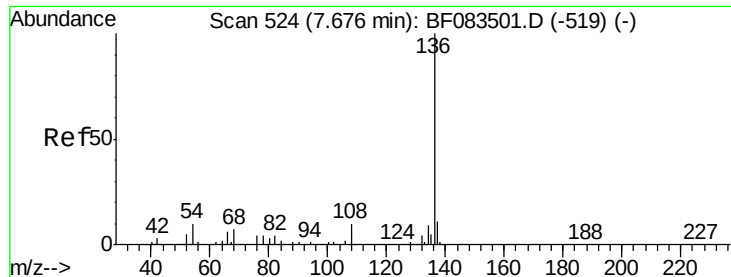
70 100

42 46.0 49.2 73.8#

101 0.0 7.1 10.7#

130 2.2 15.4 23.0#





#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

Instrument :

BNA_F

ClientSampled :

MW-18

Tot Ion:136 Resp: 545446

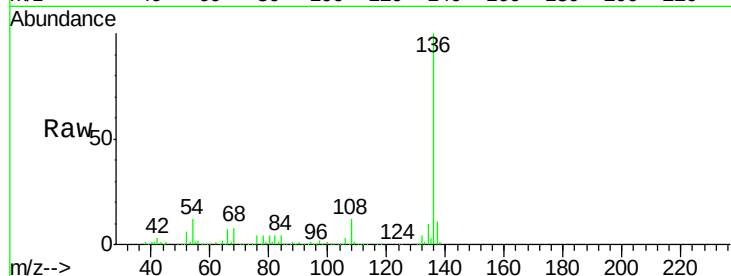
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 11.6 7.8 11.6

68 8.1 5.7 8.5

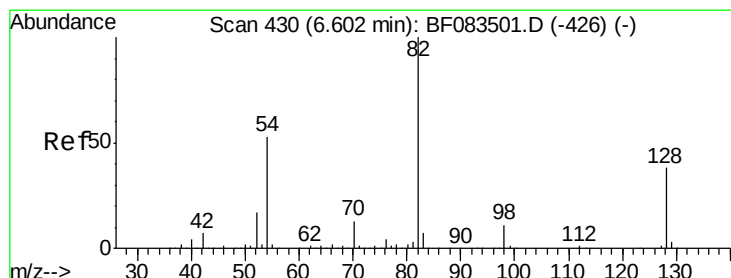
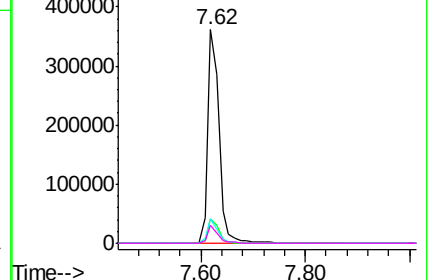
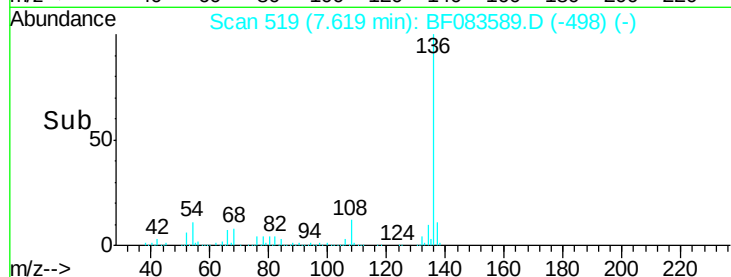


Abundance Ion 136.00 (135.70 to 136.70): E

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

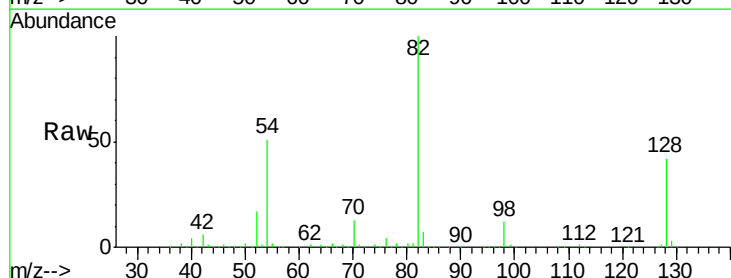
Tgt Ion: 82 Resp: 999798

Ion Ratio Lower Upper

82 100

128 42.4 30.7 46.1

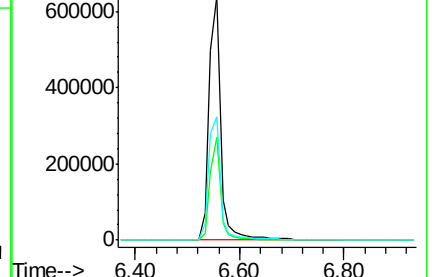
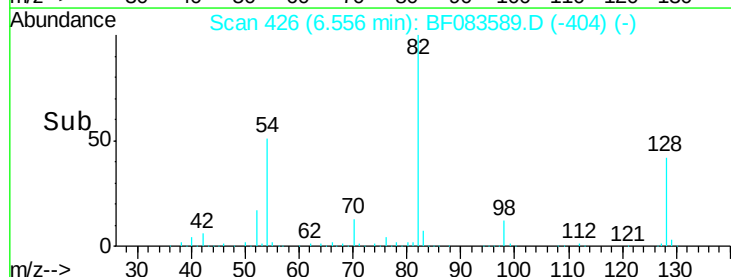
54 50.5 42.5 63.7

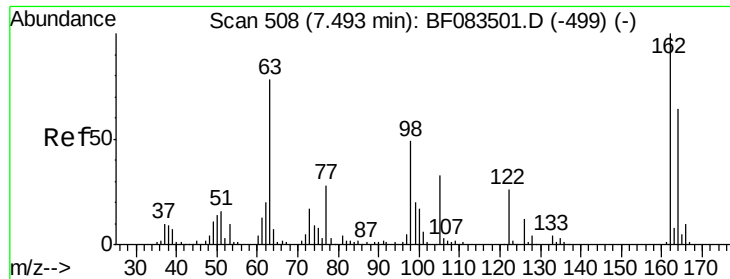


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

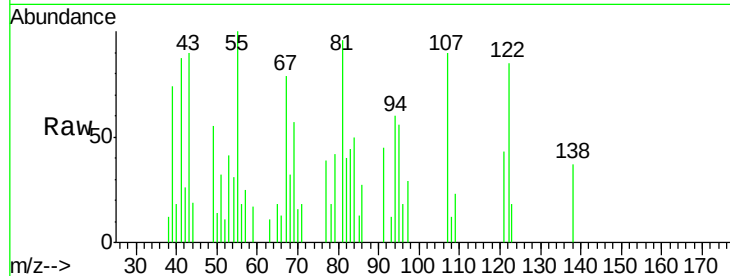




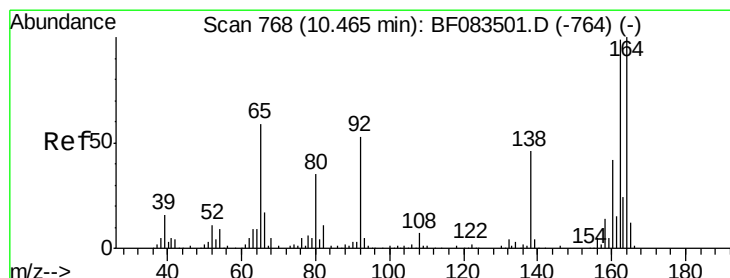
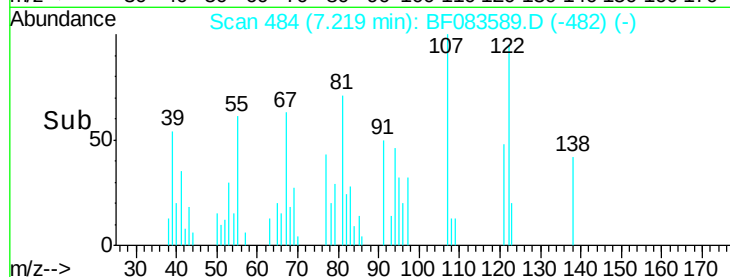
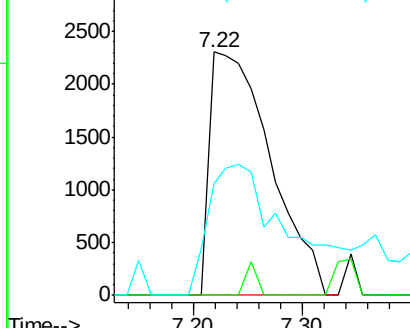
#32
Benzoic acid
Concen: 4.41 ng
RT: 7.22 min Scan# 484
Delta R.T. -0.27 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

Instrument :
BNA_F
ClientSampled :
MW-18

Tot Ion:122 Resp: 8995
Ion Ratio Lower Upper
122 100
105 0.0 105.6 145.6#
77 45.7 86.8 126.8#

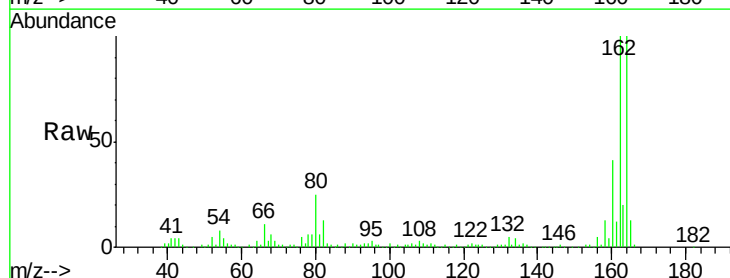


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

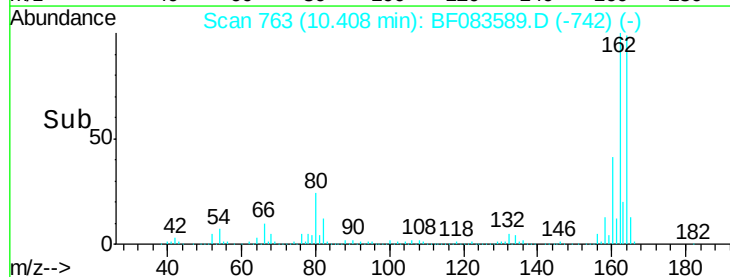
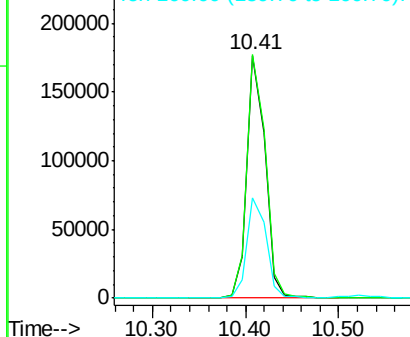


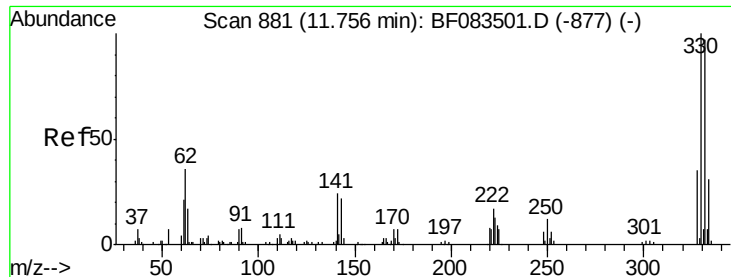
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 763
Delta R.T. -0.06 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

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



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

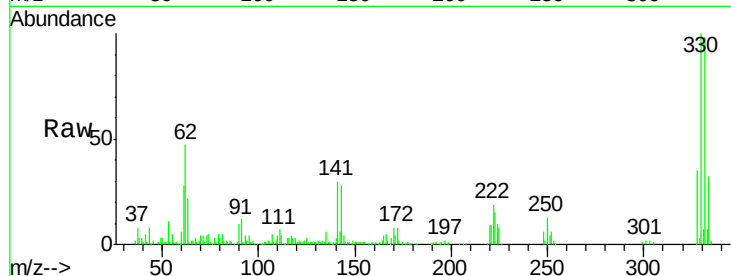




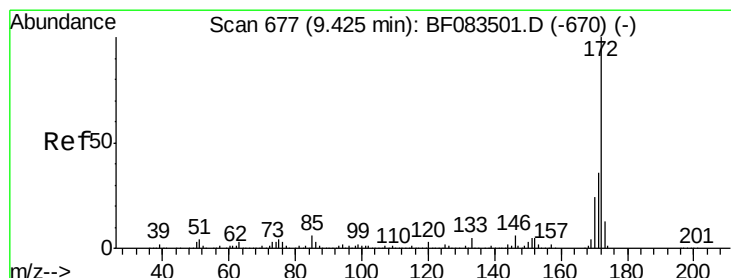
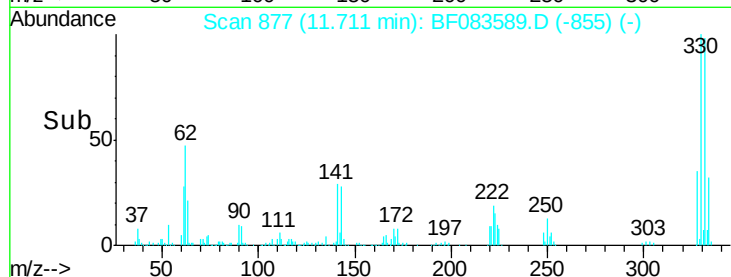
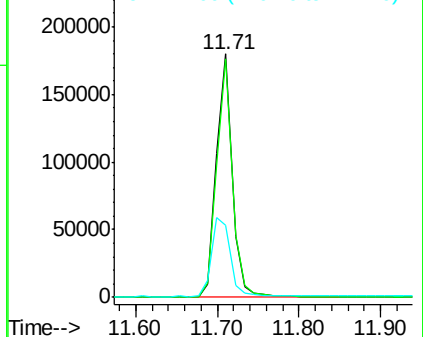
#41
 2,4,6-Tribromophenol
 Concen: 112.24 ng
 RT: 11.71 min Scan# 877
 Delta R.T. -0.05 min
 Lab File: BF083589.D
 Acq: 8 Dec 2015 8:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

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

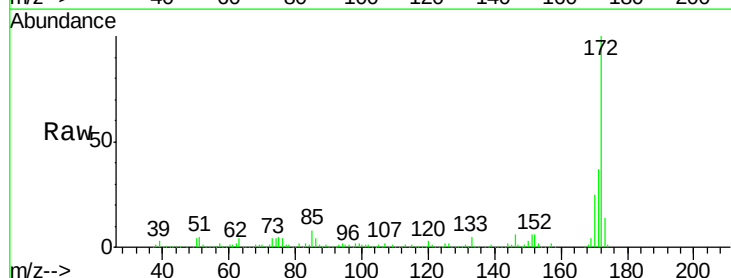


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

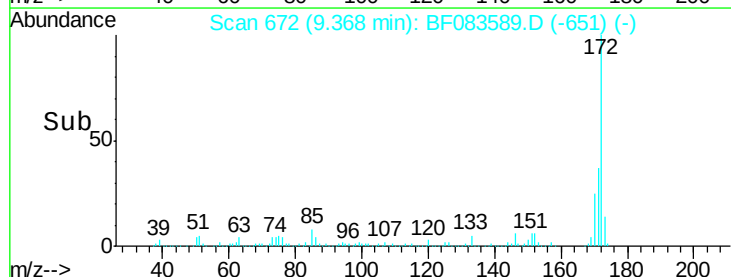
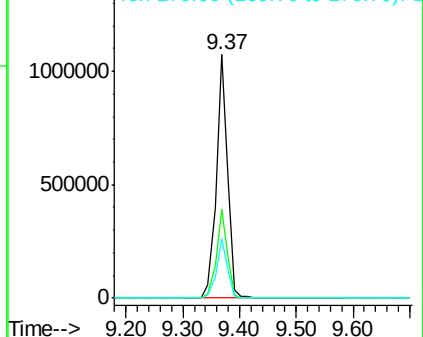


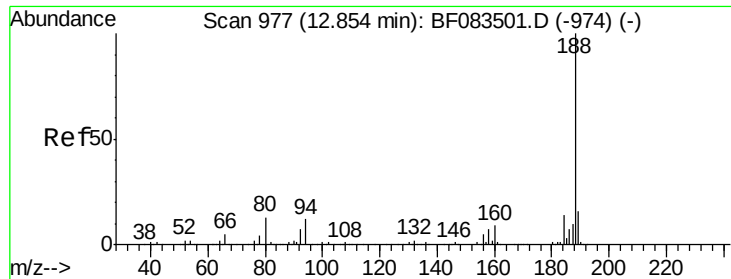
#44
 2-Fluorobiphenyl
 Concen: 83.01 ng
 RT: 9.37 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF083589.D
 Acq: 8 Dec 2015 8:44

Tgt Ion	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

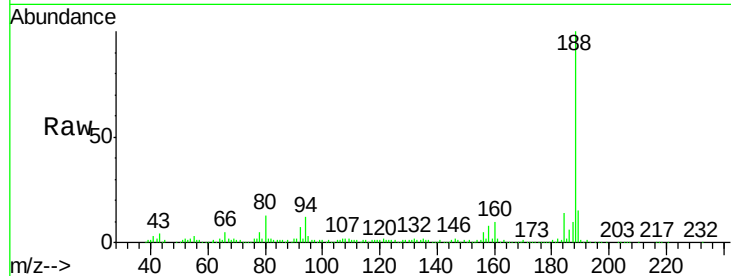




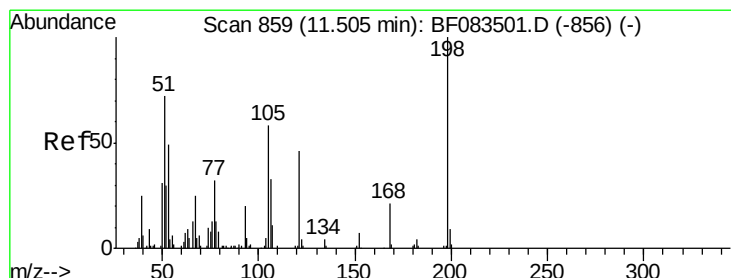
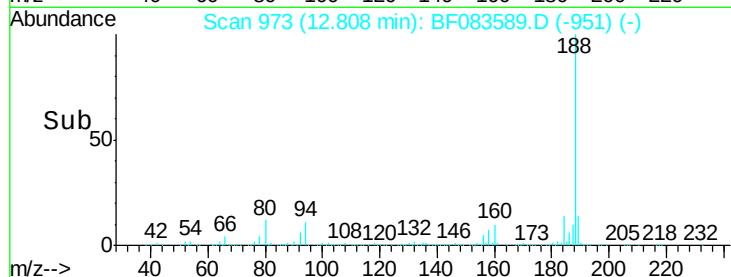
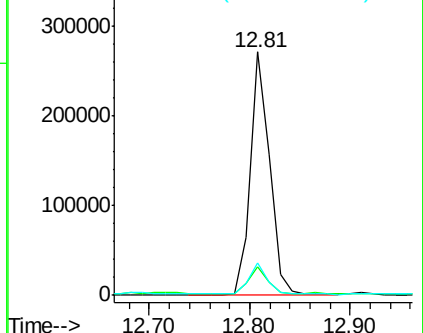
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 973
Delta R.T. -0.05 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

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

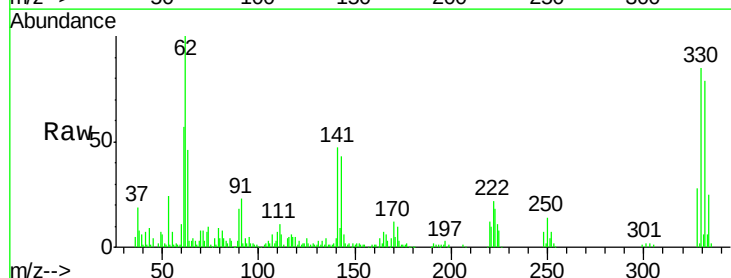


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

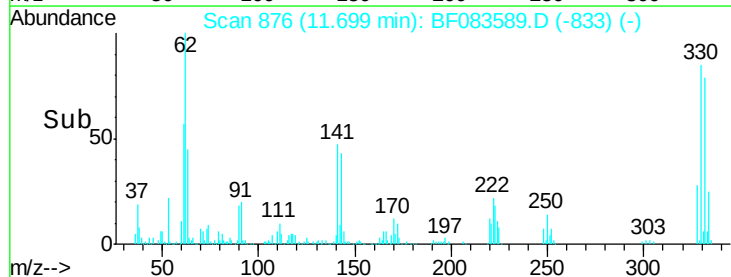
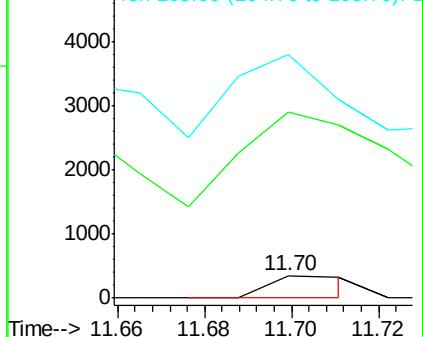


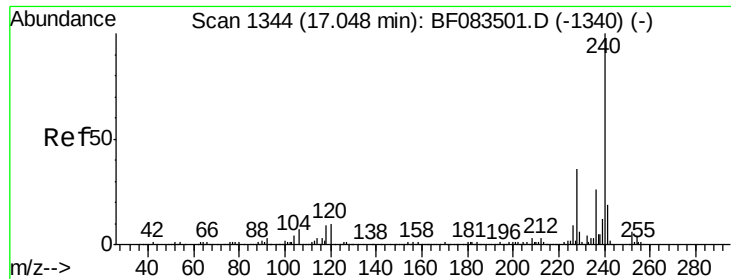
#64
4,6-Dinitro-2-methylphenol
Concen: 3.66 ng
RT: 11.70 min Scan# 876
Delta R.T. 0.20 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

Tgt Ion:198 Resp: 466
Ion Ratio Lower Upper
198 100
51 822.3 53.8 93.8#
105 1073.2 38.6 78.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#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

Instrument :

BNA_F

ClientSampleId :

MW-18

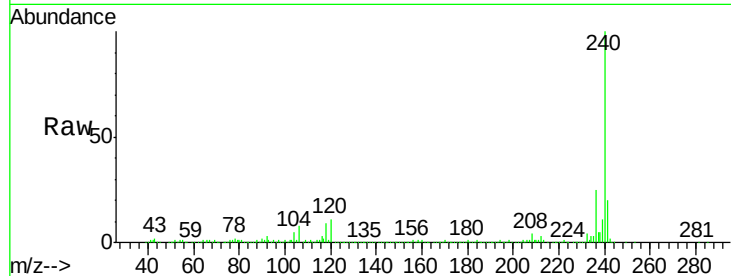
Tot Ion:240 Resp: 346421

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

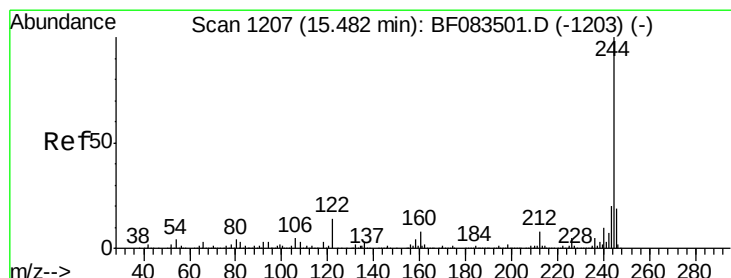
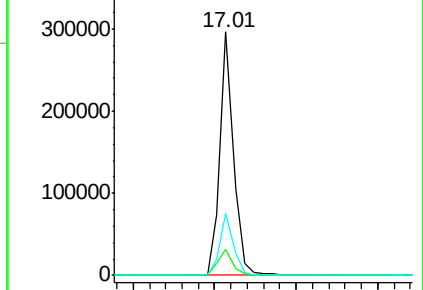
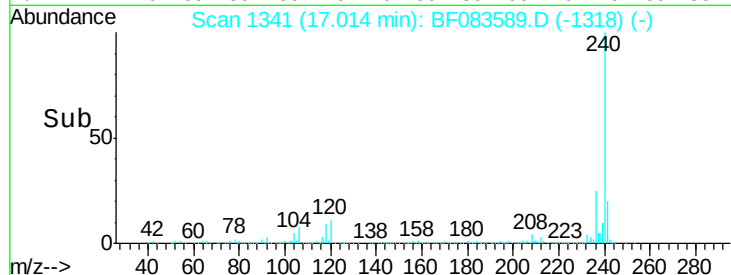
236 25.4 20.8 31.2



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

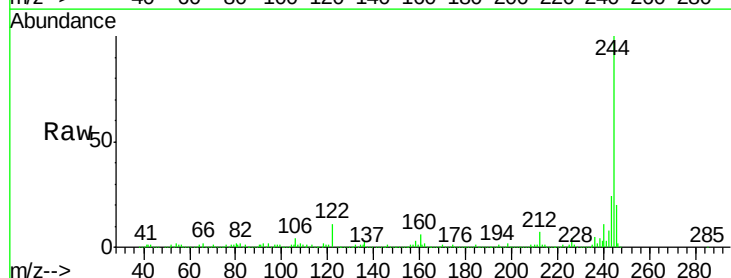
Tgt Ion:244 Resp: 1005374

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

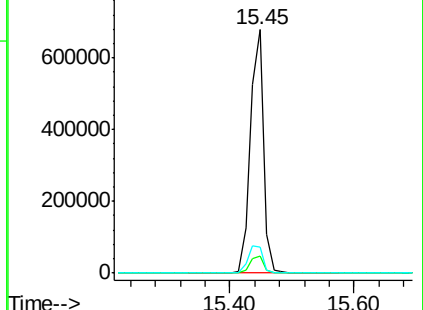
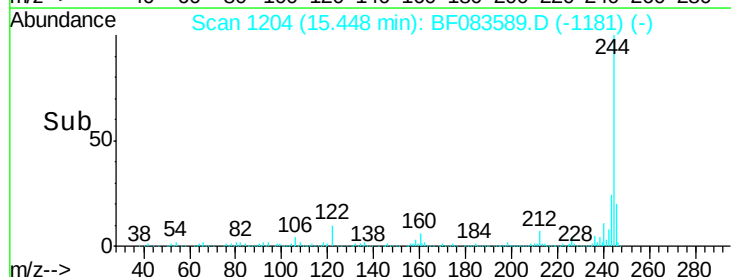
122 10.5 11.0 16.6#

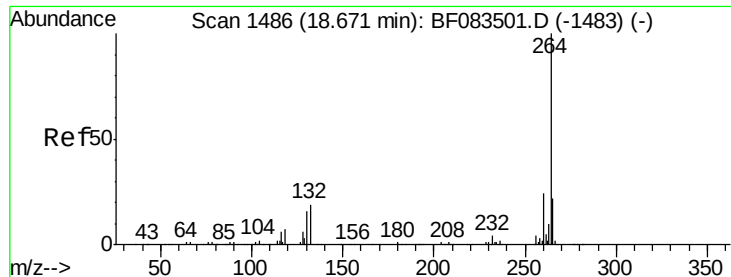


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

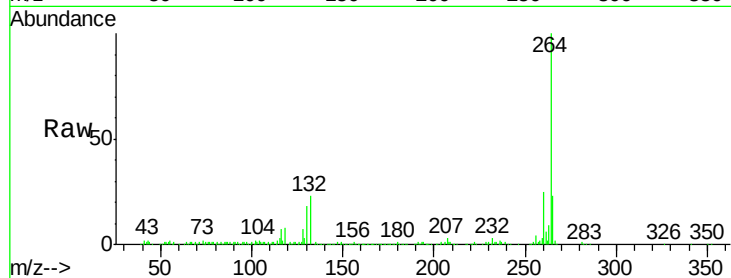




#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF083589.D
Acq: 8 Dec 2015 8:44

Instrument :
BNA_F
ClientSampleId :
MW-18

Tot 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

