

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083518.D
 Acq On : 5 Dec 2015 16:55
 Operator : UM/IZ
 Sample : G4588-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Dec 07 00:21:29 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

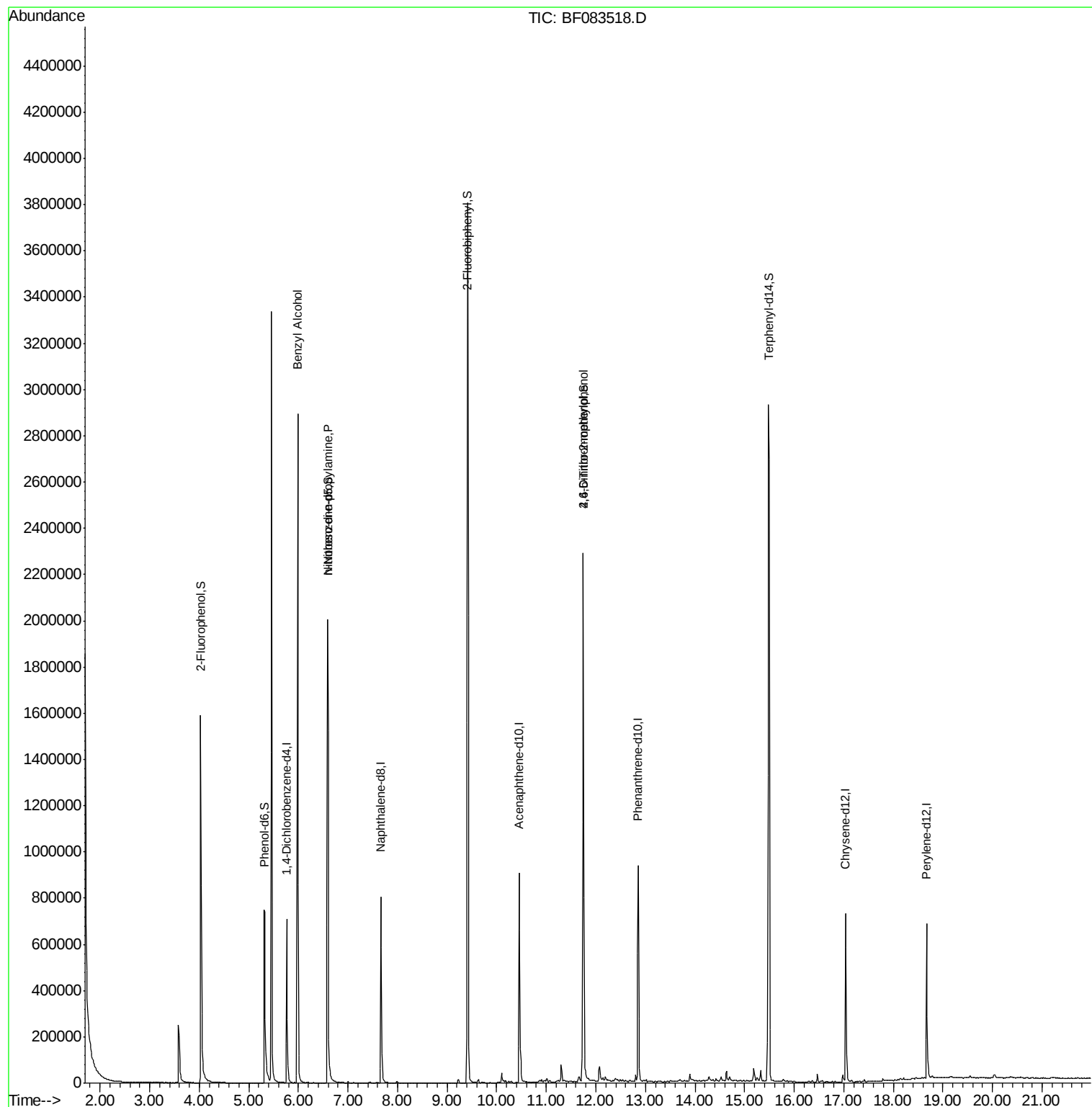
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	142258	20.00	ng	0.00
21) Naphthalene-d8	7.66	136	553724	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	272671	20.00	ng	-0.01
63) Phenanthrene-d10	12.85	188	514079	20.00	ng	0.00
75) Chrysene-d12	17.04	240	398835	20.00	ng	-0.01
86) Perylene-d12	18.67	264	321426	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.03	112	621892	66.32	ng	0.00
7) Phenol-d6	5.32	99	539887	41.79	ng	0.00
23) Nitrobenzene-d5	6.59	82	1132512	95.60	ng	-0.01
41) 2,4,6-Tribromophenol	11.74	330	356815	141.86	ng	-0.01
44) 2-Fluorobiphenyl	9.41	172	1796272	89.35	ng	-0.01
78) Terphenyl-d14	15.48	244	1663590	92.82	ng	0.00
Target Compounds						
15) Benzyl Alcohol	5.98	79	17962	2.00	ng	# 52
19) n-Nitroso-di-n-propylamine	6.59	70	145893	16.93	ng	# 80
64) 4,6-Dinitro-2-methylphenol	11.74	198	1029	3.76	ng	# 1

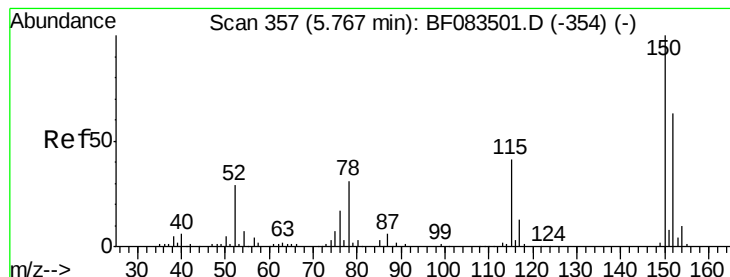
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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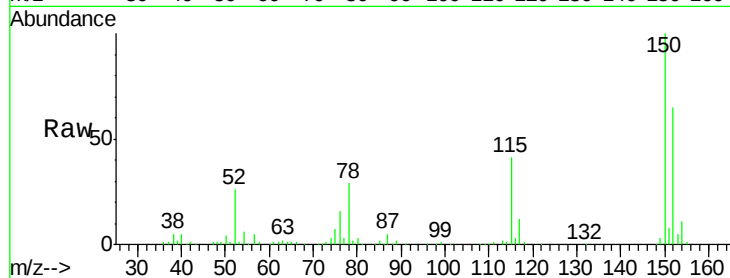


#1

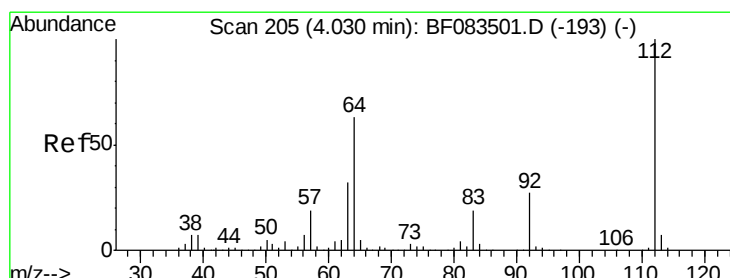
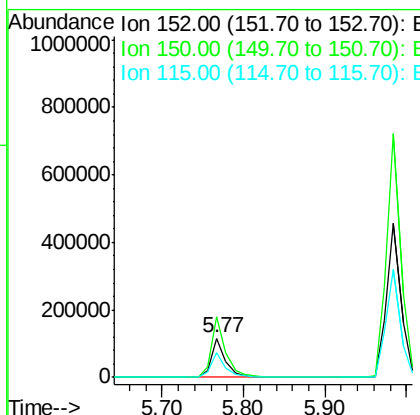
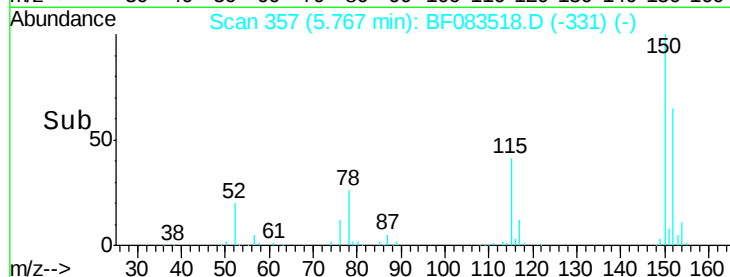
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 357
Delta R.T. 0.00 min
Lab File: BF083518.D
Acq: 5 Dec 2015 16:55

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion:152 Resp: 142258
Ion Ratio Lower Upper
152 100
150 154.1 126.5 189.7
115 62.5 52.3 78.5



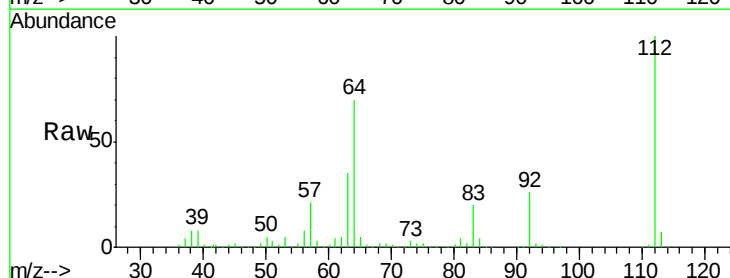
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



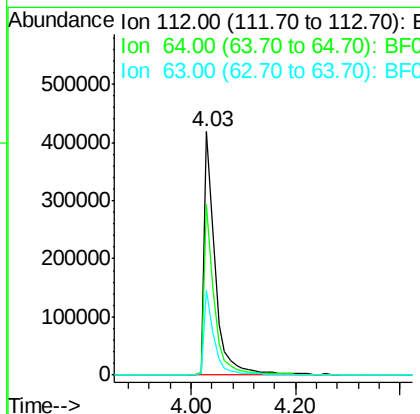
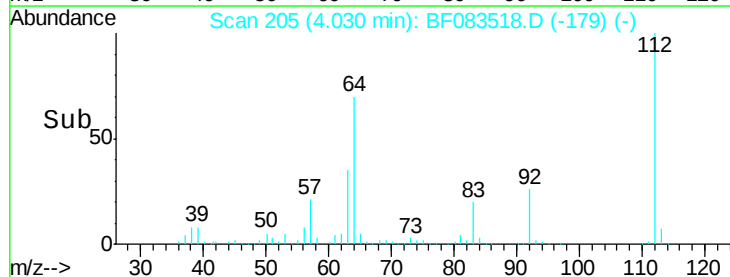
#5

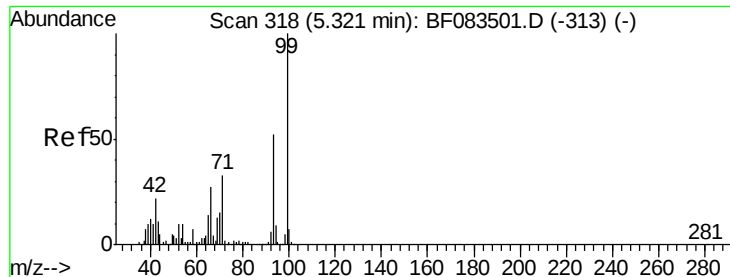
2-Fluorophenol
Concen: 66.32 ng
RT: 4.03 min Scan# 205
Delta R.T. 0.00 min
Lab File: BF083518.D
Acq: 5 Dec 2015 16:55

Tgt Ion:112 Resp: 621892
Ion Ratio Lower Upper
112 100
64 70.0 50.5 75.7
63 34.7 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: 41.79 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083518.D

Acq: 5 Dec 2015 16:55

Instrument :

BNA_F

ClientSampleId :

MW-11

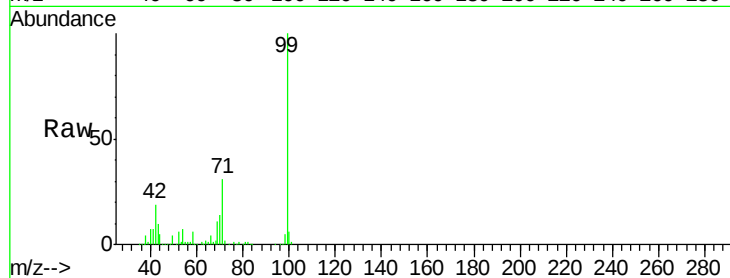
Tot Ion: 99 Resp: 539887

Ion Ratio Lower Upper

99 100

42 18.7 17.3 25.9

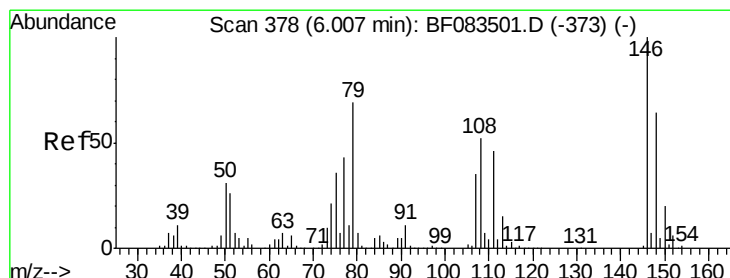
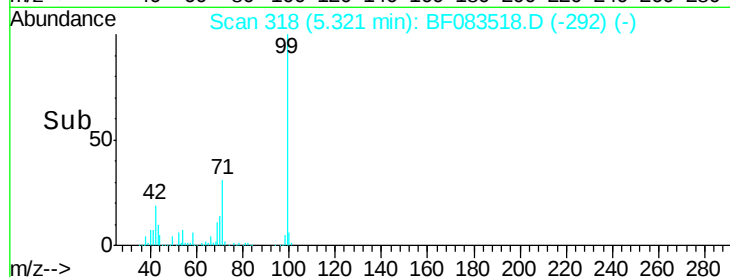
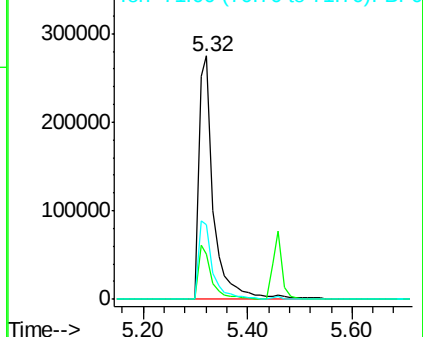
71 30.9 26.6 40.0



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



#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 5.98 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF083518.D

Acq: 5 Dec 2015 16:55

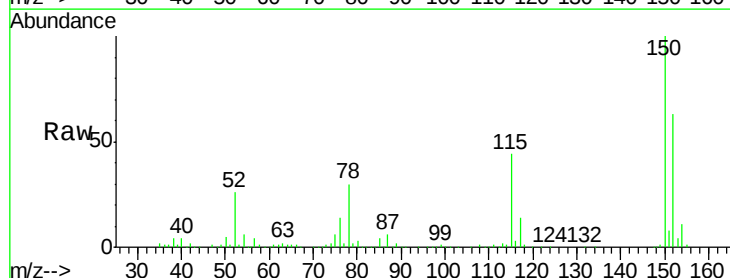
Tgt Ion: 79 Resp: 17962

Ion Ratio Lower Upper

79 100

108 28.3 59.6 89.4#

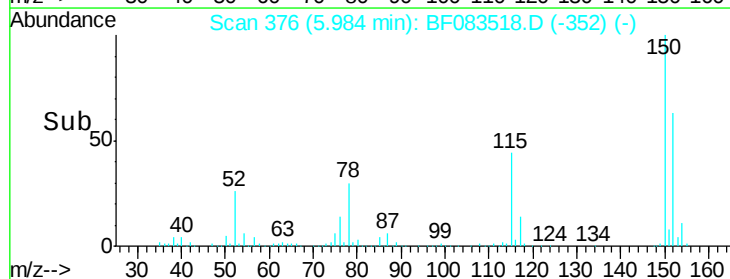
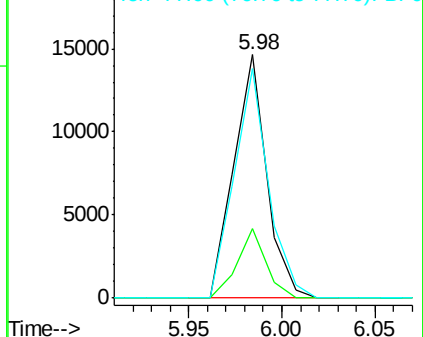
77 94.1 49.8 74.6#

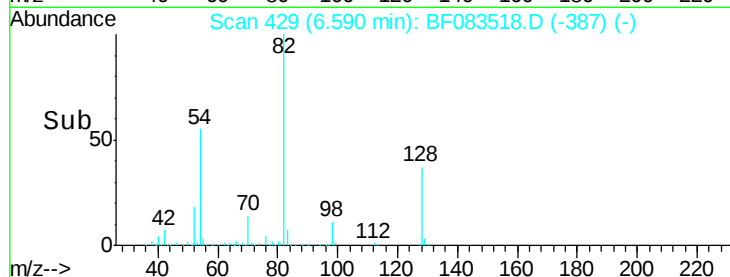
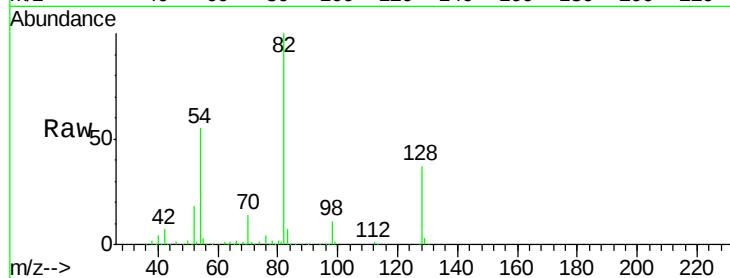
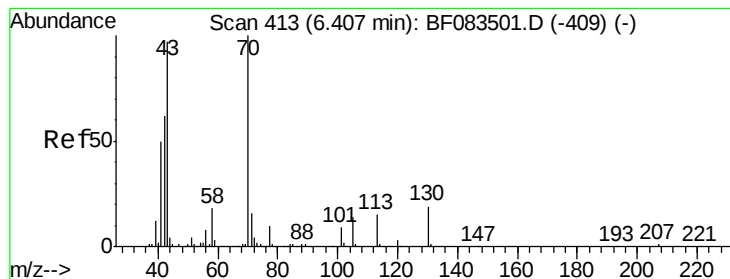


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 16.93 ng

RT: 6.59 min Scan# 429

Delta R.T. 0.18 min

Lab File: BF083518.D

Acq: 5 Dec 2015 16:55

Instrument :

BNA_F

ClientSampleId :

MW-11

Tot Ion: 70 Resp: 145893

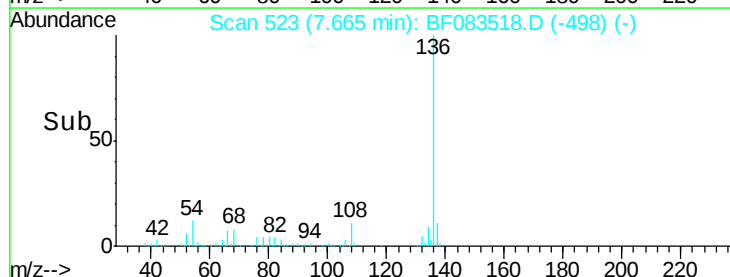
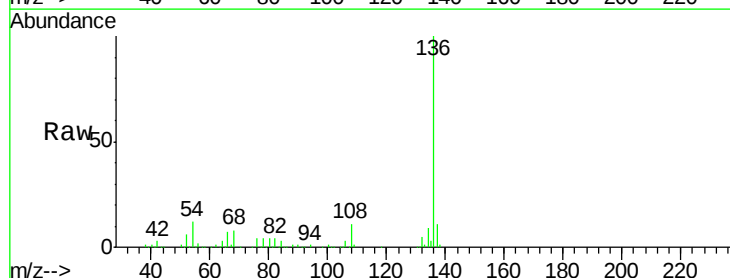
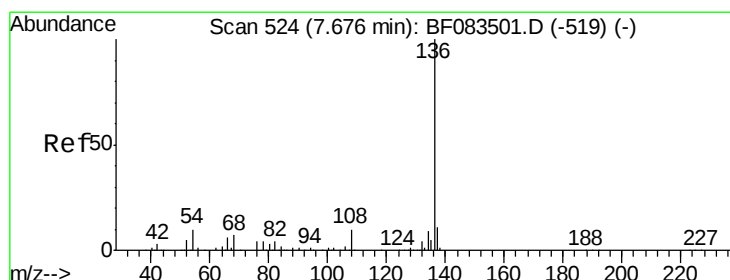
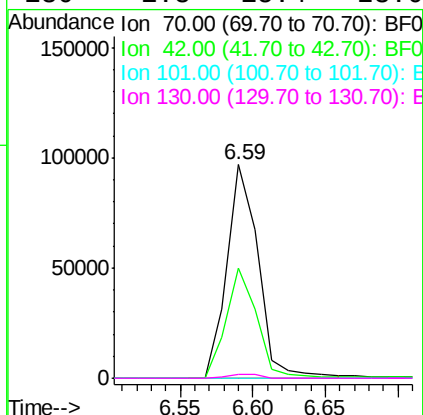
Ion Ratio Lower Upper

70 100

42 51.5 49.2 73.8

101 0.0 7.1 10.7#

130 1.8 15.4 23.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF083518.D

Acq: 5 Dec 2015 16:55

Tgt Ion:136 Resp: 553724

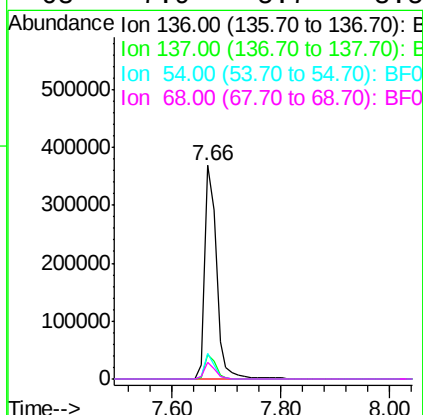
Ion Ratio Lower Upper

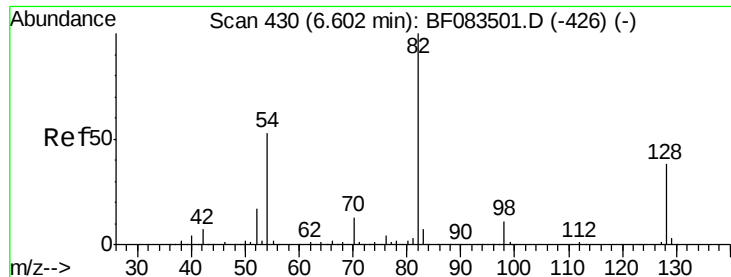
136 100

137 11.2 8.7 13.1

54 11.8 7.8 11.6#

68 7.9 5.7 8.5

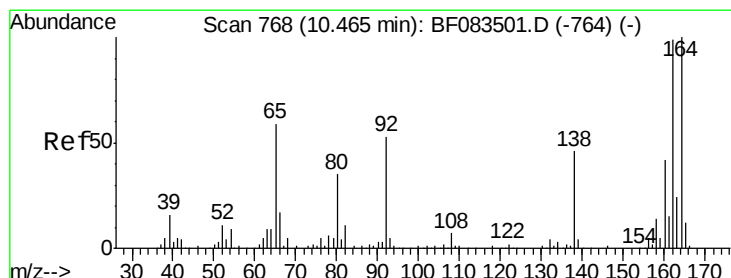
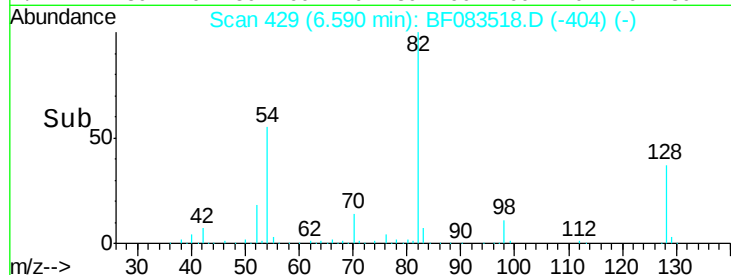
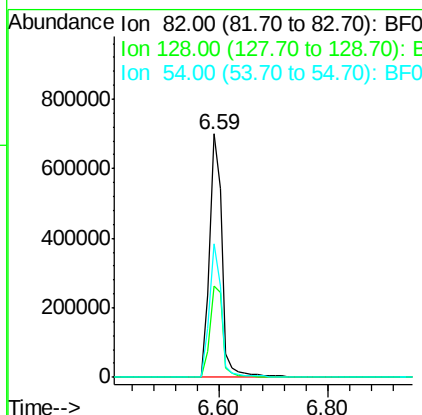
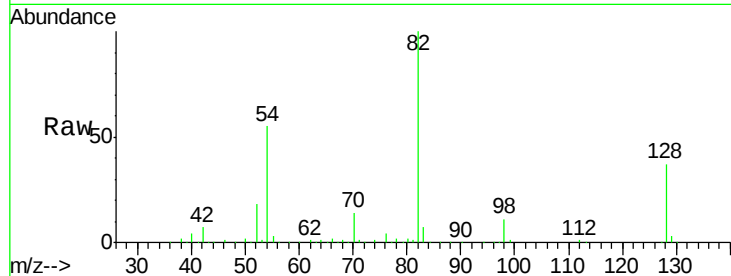




#23
 Nitrobenzene-d5
 Concen: 95.60 ng
 RT: 6.59 min Scan# 429
 Delta R.T. -0.01 min
 Lab File: BF083518.D
 Acq: 5 Dec 2015 16:55

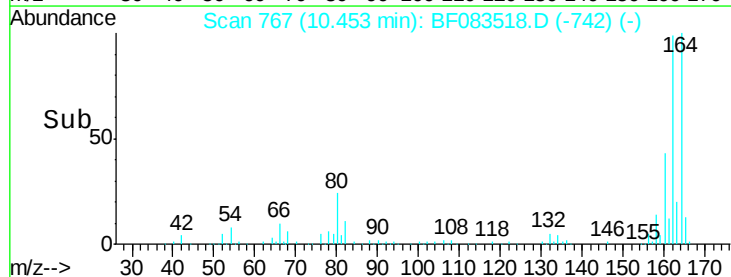
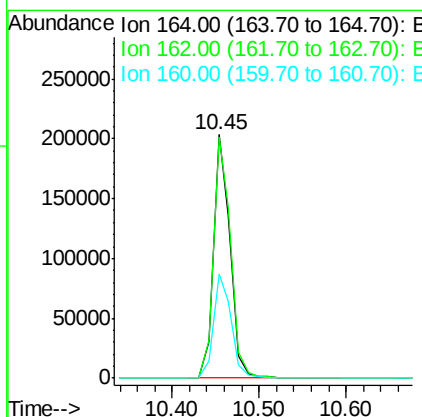
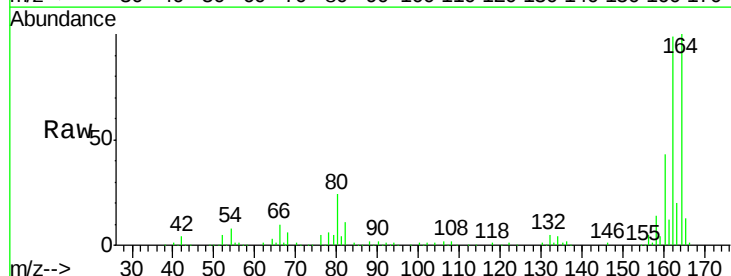
Instrument :
 BNA_F
 ClientSampled :
 MW-11

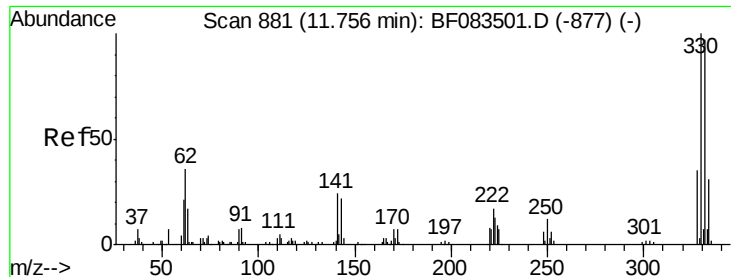
Tot Ion: 82 Resp: 1132512
 Ion Ratio Lower Upper
 82 100
 128 37.3 30.7 46.1
 54 54.9 42.5 63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF083518.D
 Acq: 5 Dec 2015 16:55

Tgt Ion: 164 Resp: 272671
 Ion Ratio Lower Upper
 164 100
 162 99.0 78.8 118.2
 160 42.5 33.4 50.2

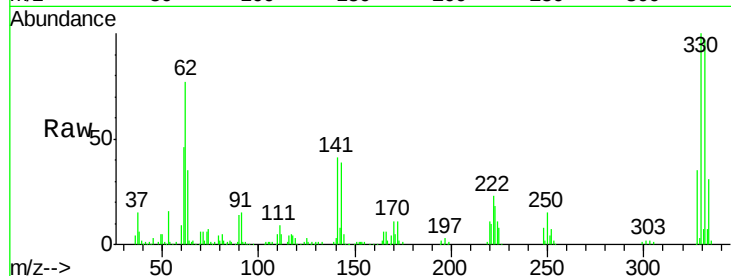




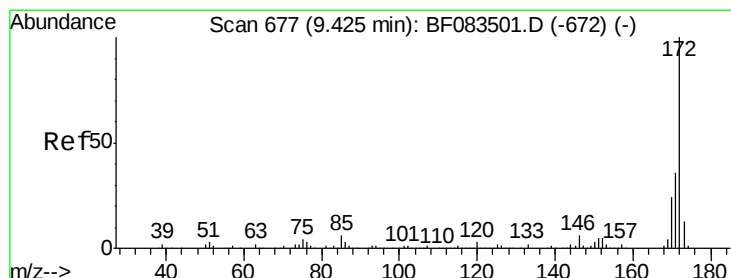
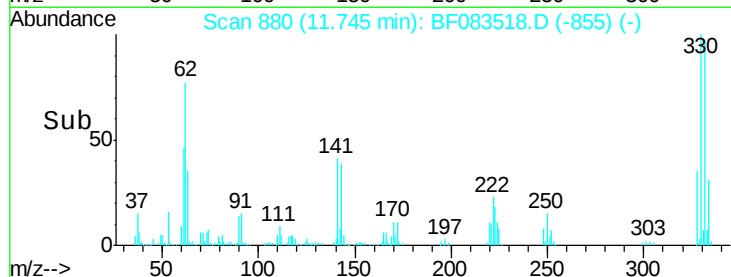
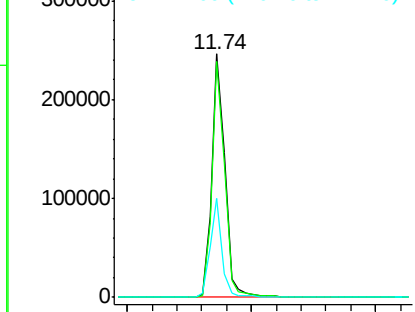
#41
 2,4,6-Tribromophenol
 Concen: 141.86 ng
 RT: 11.74 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF083518.D
 Acq: 5 Dec 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	0.0	0.0#
141	36.9	0.0	0.0#

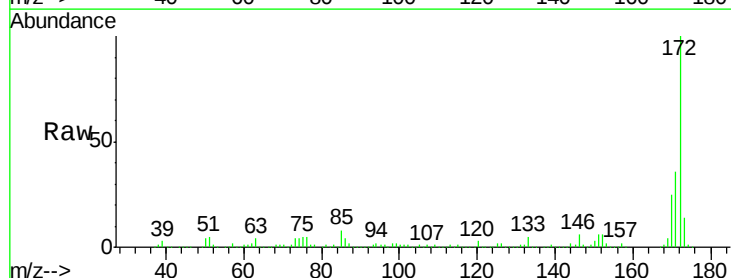


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

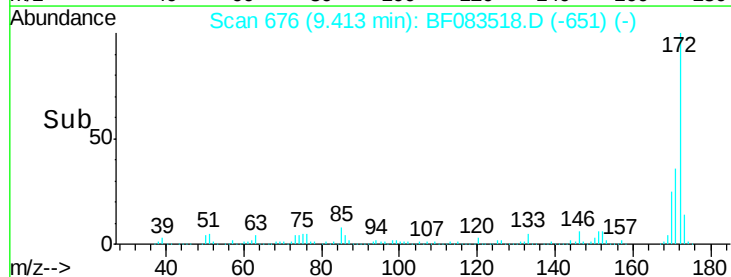
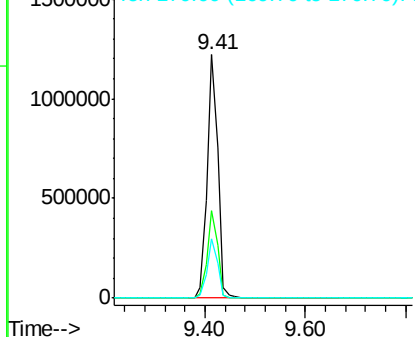


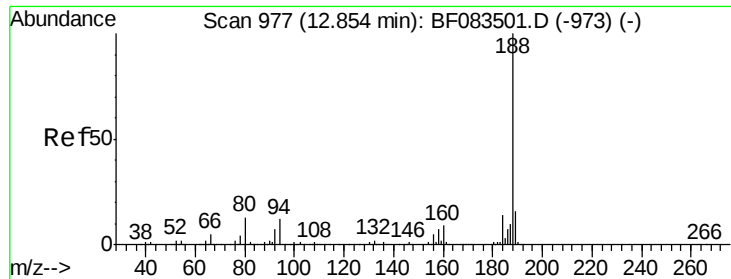
#44
 2-Fluorobiphenyl
 Concen: 89.35 ng
 RT: 9.41 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF083518.D
 Acq: 5 Dec 2015 16:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	24.6	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

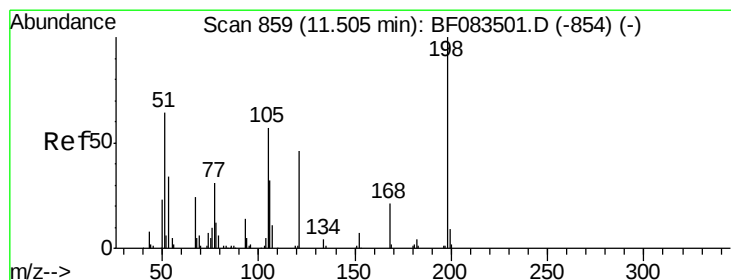
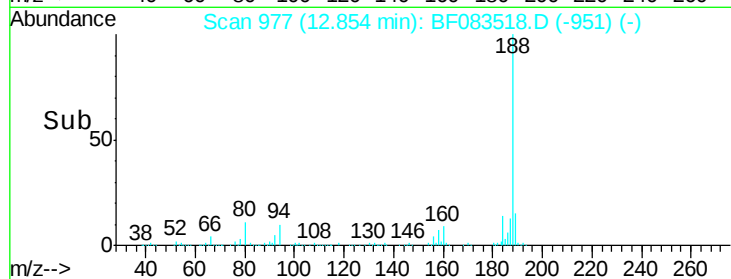
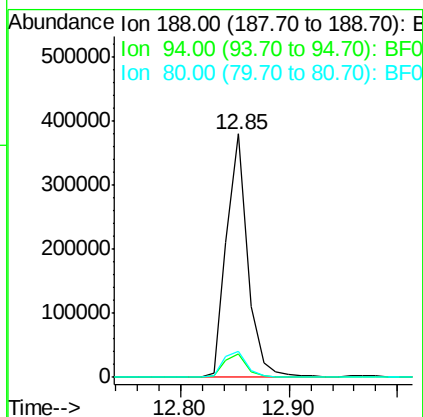
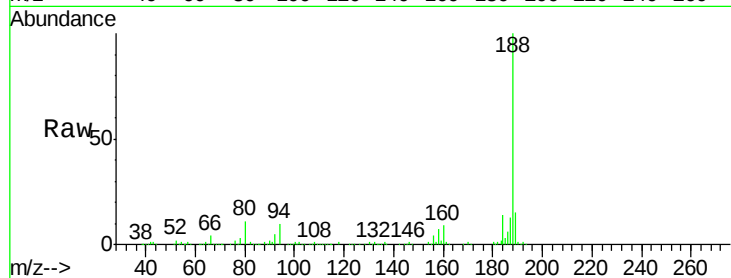




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF083518.D
Acq: 5 Dec 2015 16:55

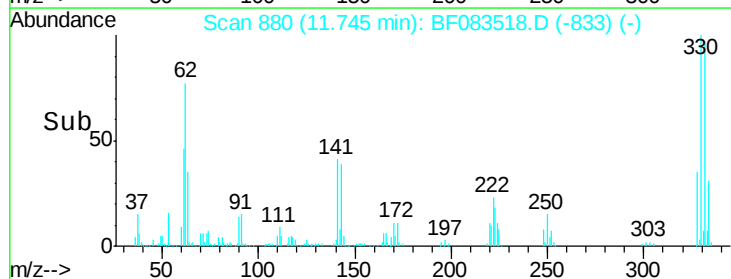
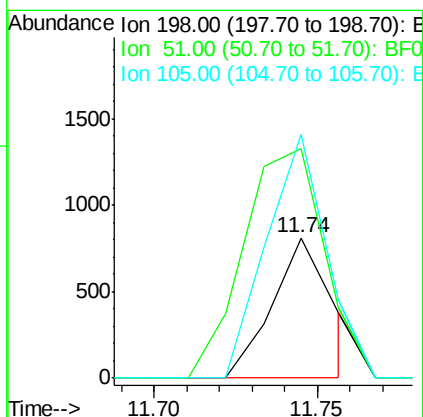
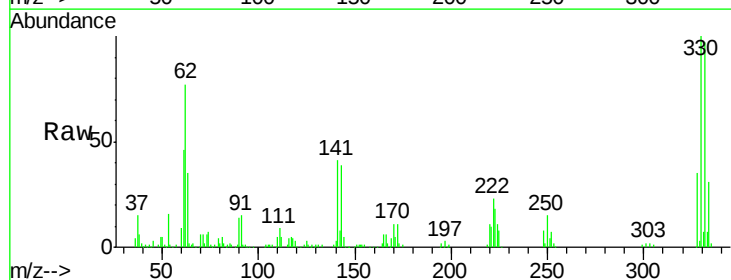
Instrument :
BNA_F
ClientSampleId :
MW-11

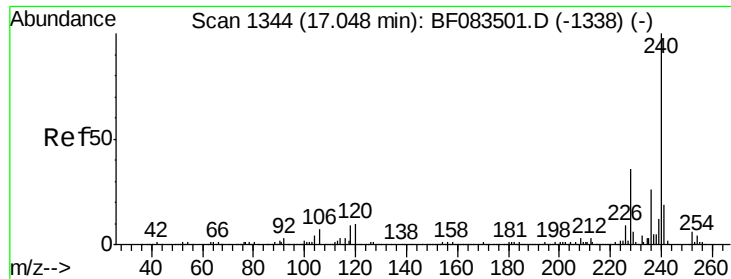
Tot Ion:188 Resp: 514079
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 10.8 10.6 16.0



#64
4,6-Dinitro-2-methylphenol
Concen: 3.76 ng
RT: 11.74 min Scan# 880
Delta R.T. 0.24 min
Lab File: BF083518.D
Acq: 5 Dec 2015 16:55

Tgt Ion:198 Resp: 1029
Ion Ratio Lower Upper
198 100
51 164.3 53.8 93.8#
105 174.0 38.6 78.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.04 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF083518.D

Acq: 5 Dec 2015 16:55

Instrument :

BNA_F

ClientSampleId :

MW-11

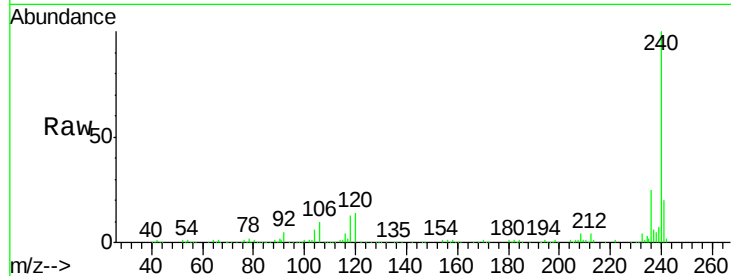
Tot Ion:240 Resp: 398835

Ion Ratio Lower Upper

240 100

120 14.2 8.1 12.1#

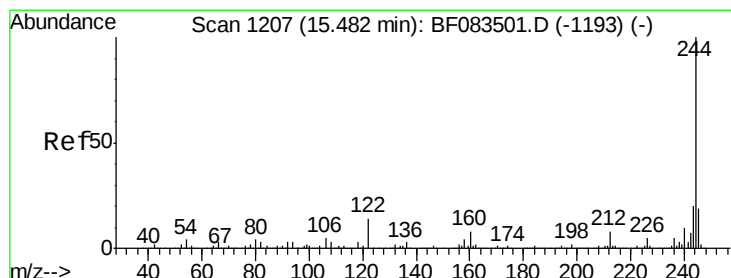
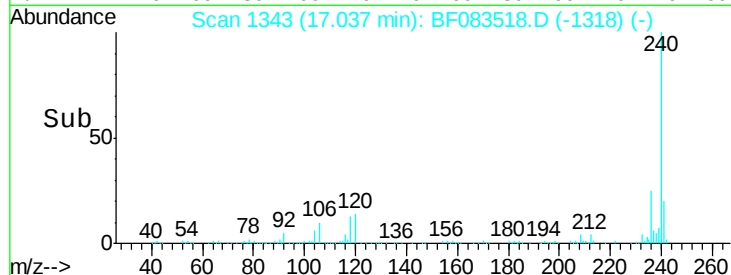
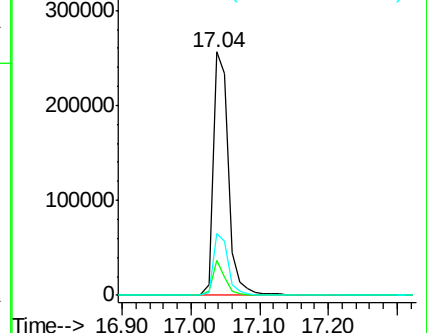
236 25.5 20.8 31.2



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: 92.82 ng

RT: 15.48 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF083518.D

Acq: 5 Dec 2015 16:55

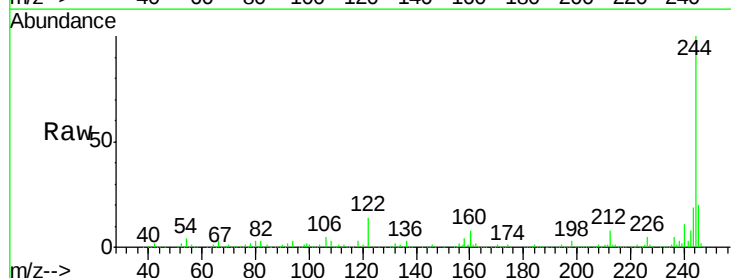
Tgt Ion:244 Resp: 1663590

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

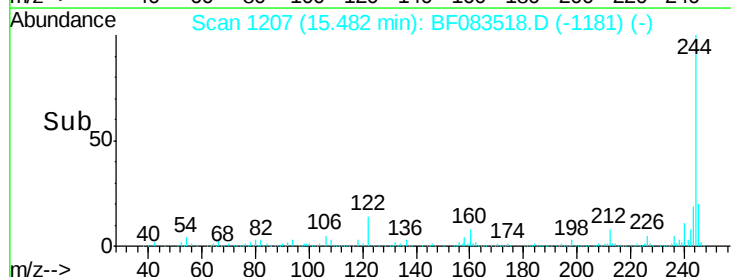
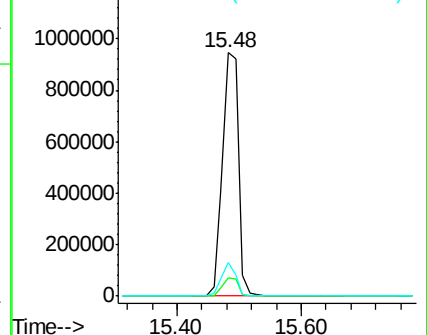
122 13.7 11.0 16.6

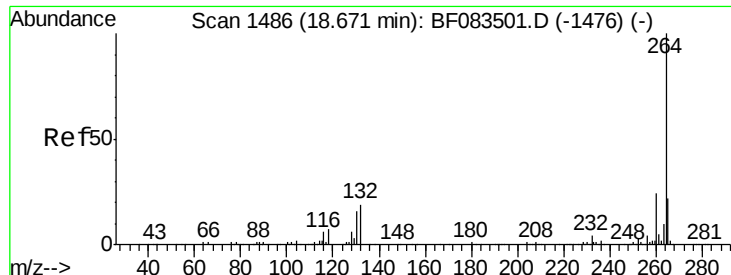


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

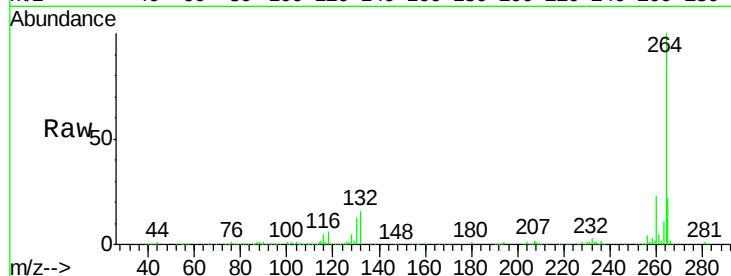




#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.67 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF083518.D
Acq: 5 Dec 2015 16:55

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	22.3	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

