

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083520.D
 Acq On : 5 Dec 2015 22:18
 Operator : UM/IZ
 Sample : G4588-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Quant Time: Dec 07 00:21:52 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

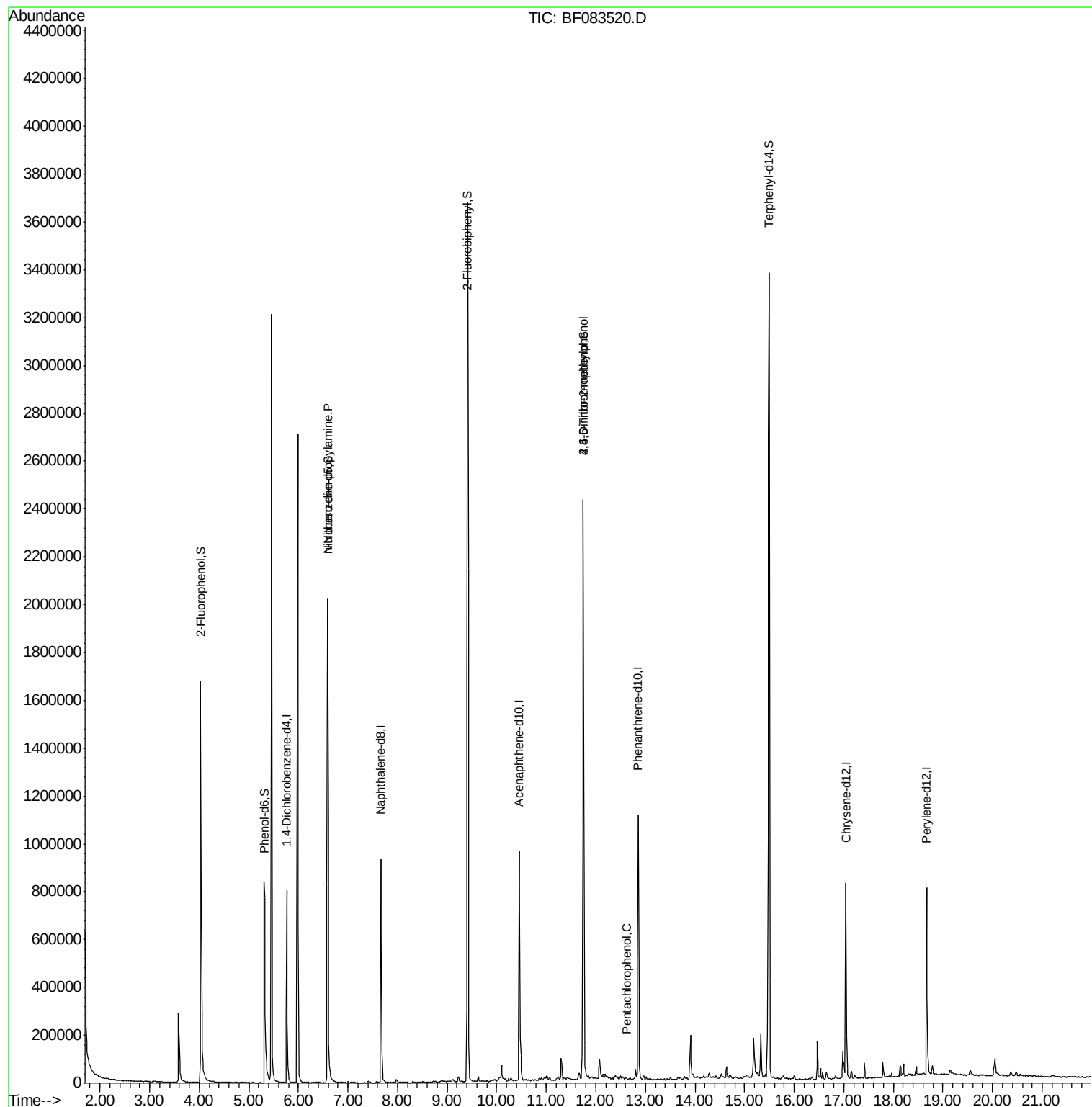
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	159951	20.00	ng	0.00
21) Naphthalene-d8	7.66	136	617312	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	307549	20.00	ng	-0.01
63) Phenanthrene-d10	12.85	188	558618	20.00	ng	0.00
75) Chrysene-d12	17.05	240	483650	20.00	ng	0.00
86) Perylene-d12	18.67	264	359849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.03	112	610378	57.89	ng	0.00
7) Phenol-d6	5.32	99	553056	38.07	ng	0.00
23) Nitrobenzene-d5	6.59	82	1063363	80.52	ng	-0.01
41) 2,4,6-Tribromophenol	11.74	330	382068	134.67	ng	-0.01
44) 2-Fluorobiphenyl	9.41	172	1828117	80.62	ng	-0.01
78) Terphenyl-d14	15.49	244	1709690	78.66	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.59	70	136767	14.11	ng	# 82
64) 4,6-Dinitro-2-methylphenol	11.74	198	707	3.66	ng	# 1
69) Pentachlorophenol	12.61	266	726	4.68	ng	# 44

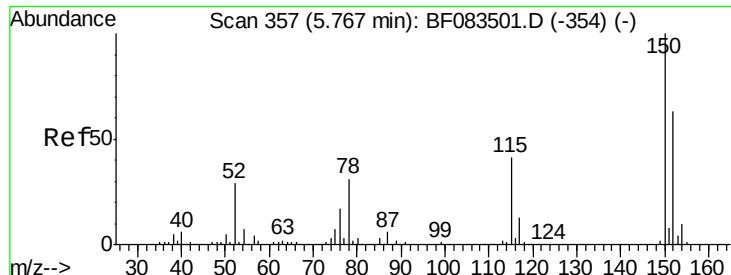
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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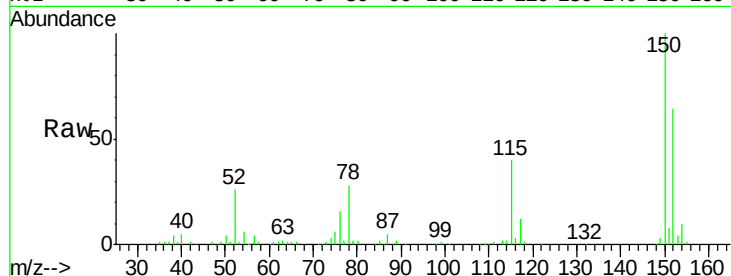


#1

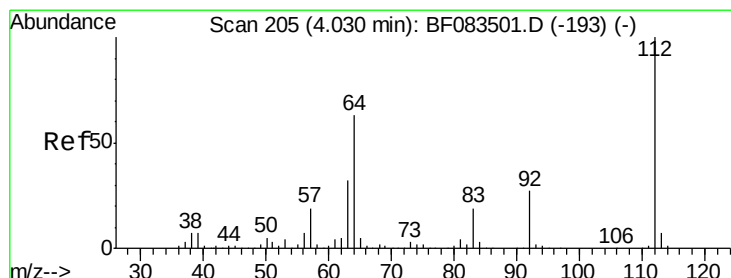
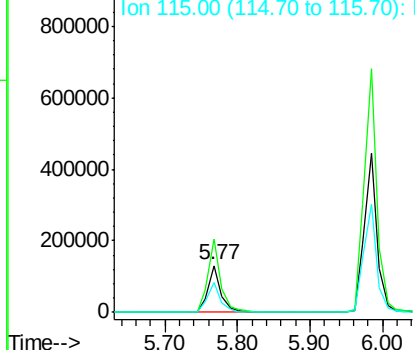
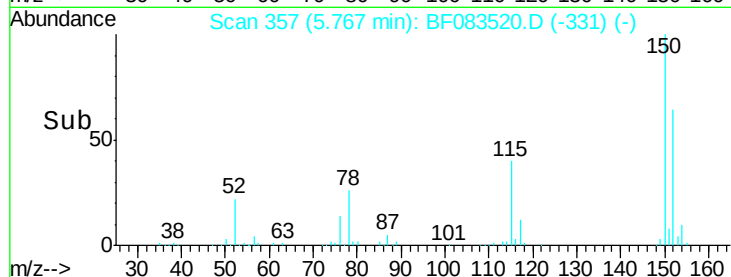
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 357
Delta R.T. 0.00 min
Lab File: BF083520.D
Acq: 5 Dec 2015 22:18

Instrument :
BNA_F
ClientSampled :
MW-17

Tot Ion:152 Resp: 159951
Ion Ratio Lower Upper
152 100
150 155.5 126.5 189.7
115 63.0 52.3 78.5



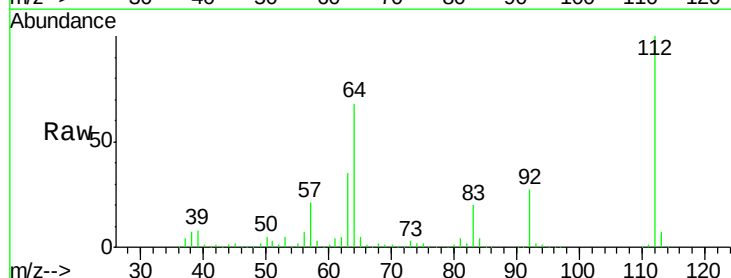
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



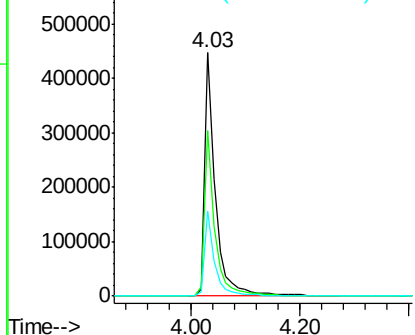
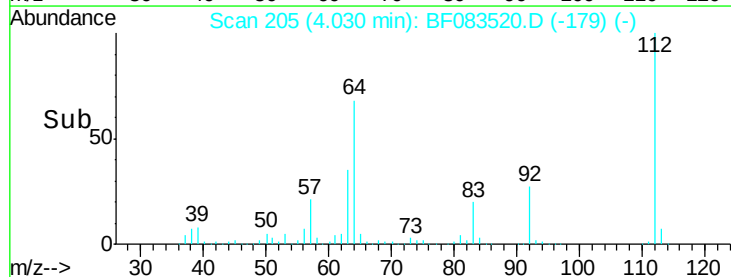
#5

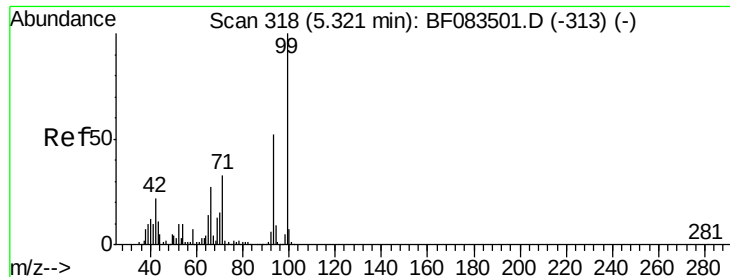
2-Fluorophenol
Concen: 57.89 ng
RT: 4.03 min Scan# 205
Delta R.T. 0.00 min
Lab File: BF083520.D
Acq: 5 Dec 2015 22:18

Tgt Ion:112 Resp: 610378
Ion Ratio Lower Upper
112 100
64 67.8 50.5 75.7
63 34.9 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: 38.07 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083520.D

Acq: 5 Dec 2015 22:18

Instrument :

BNA_F

ClientSampleId :

MW-17

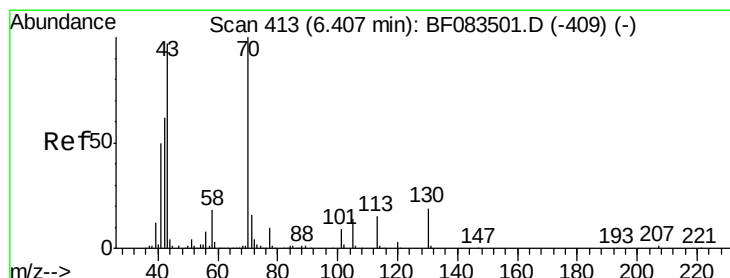
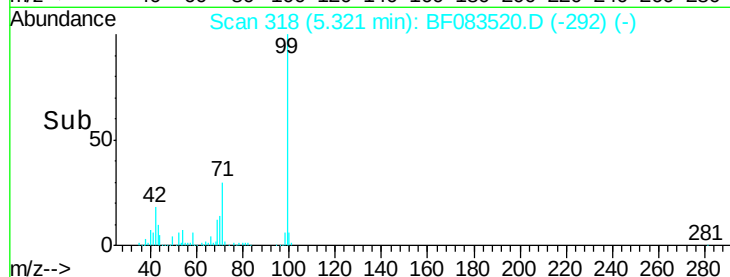
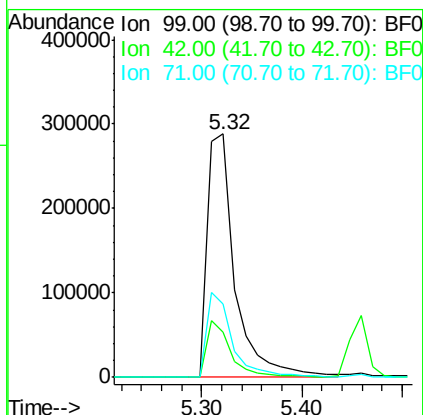
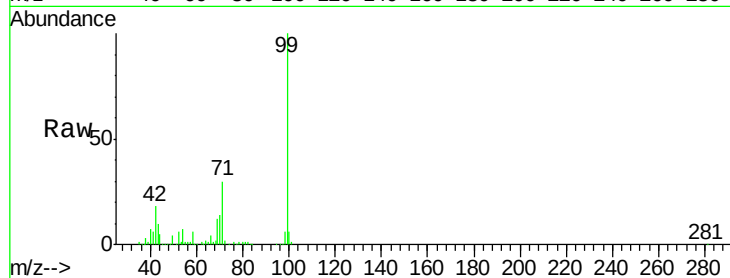
Tot Ion: 99 Resp: 553056

Ion Ratio Lower Upper

99 100

42 18.4 17.3 25.9

71 29.9 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.11 ng

RT: 6.59 min Scan# 429

Delta R.T. 0.18 min

Lab File: BF083520.D

Acq: 5 Dec 2015 22:18

Tgt Ion: 70 Resp: 136767

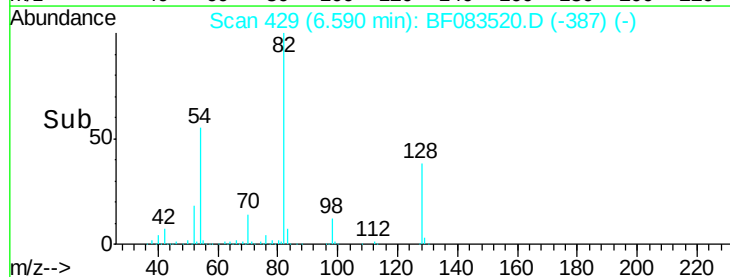
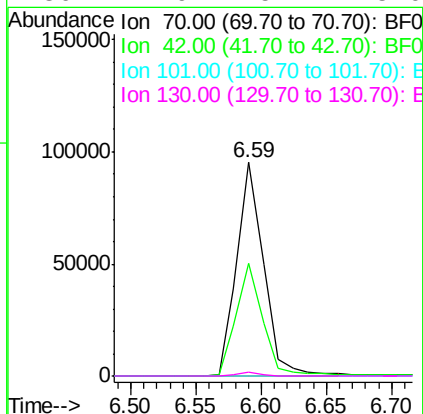
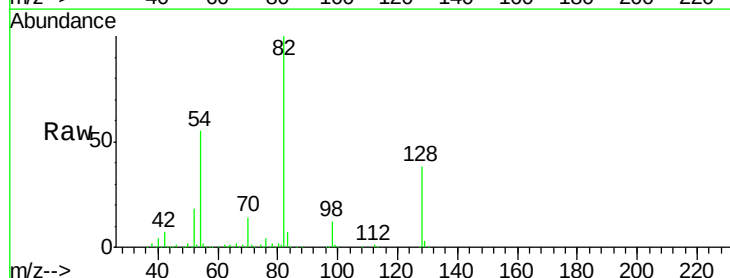
Ion Ratio Lower Upper

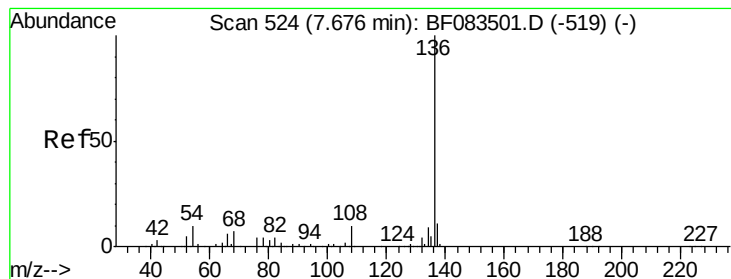
70 100

42 53.0 49.2 73.8

101 0.0 7.1 10.7#

130 1.9 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: BF083520.D

Acq: 5 Dec 2015 22:18

Instrument :

BNA_F

ClientSampleId :

MW-17

Tot Ion:136 Resp: 617312

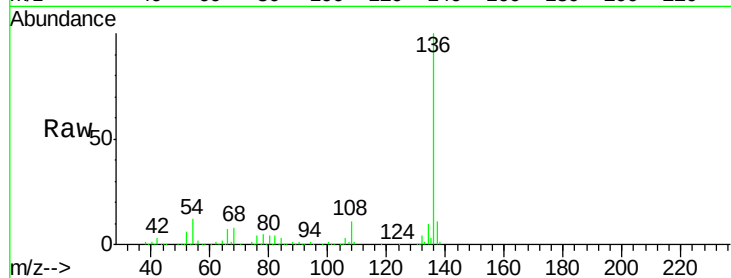
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 11.9 7.8 11.6#

68 8.2 5.7 8.5

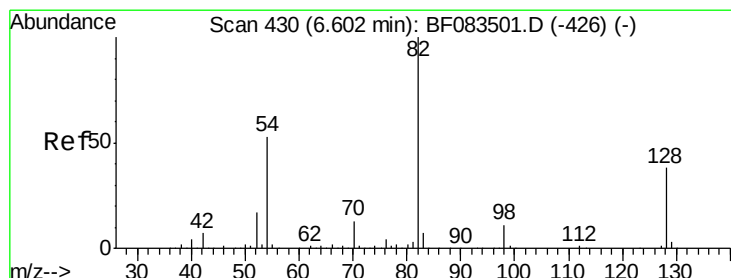
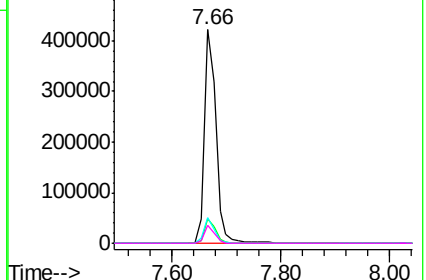
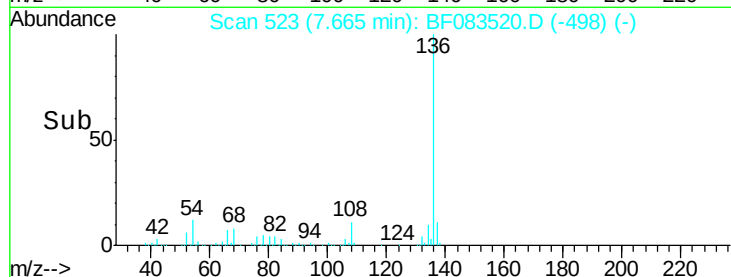


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.52 ng

RT: 6.59 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF083520.D

Acq: 5 Dec 2015 22:18

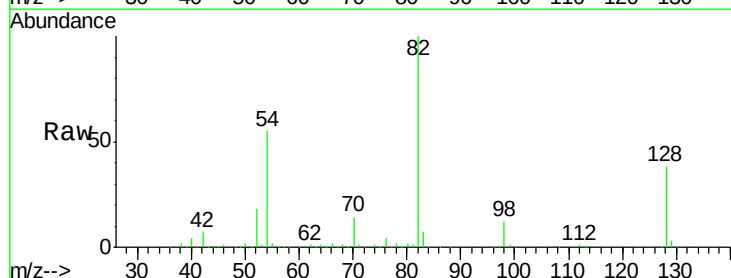
Tgt Ion: 82 Resp: 1063363

Ion Ratio Lower Upper

82 100

128 37.6 30.7 46.1

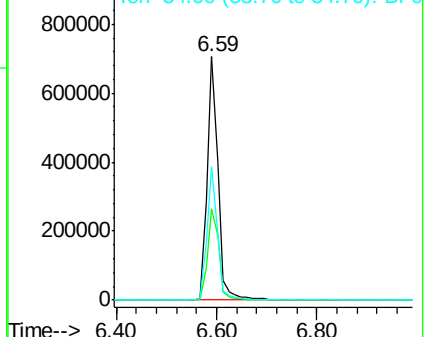
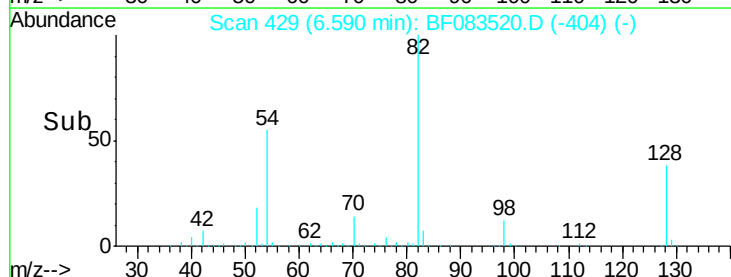
54 54.8 42.5 63.7

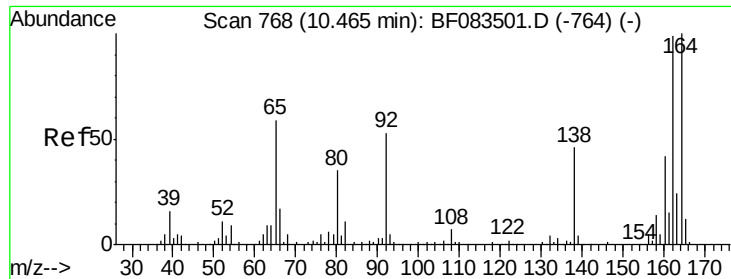


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

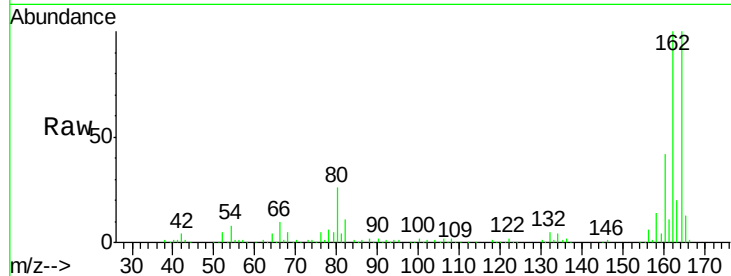




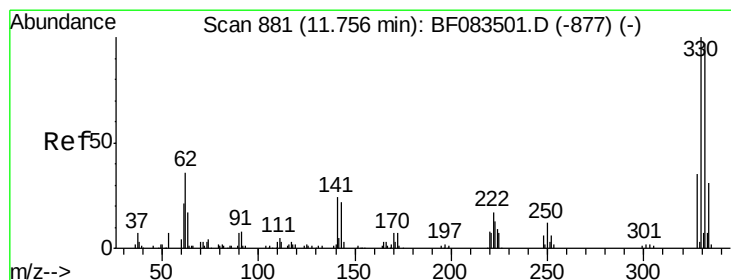
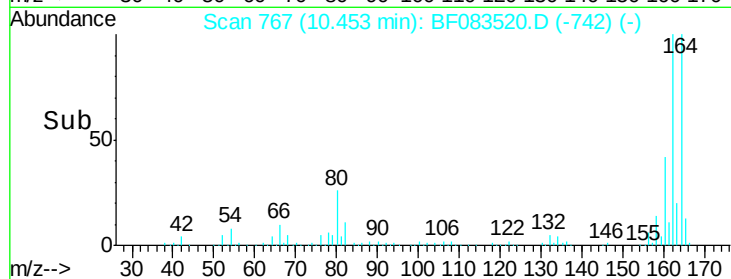
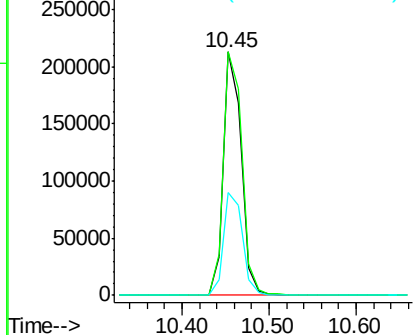
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF083520.D
 Acq: 5 Dec 2015 22:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tot Ion:164 Resp: 307549
 Ion Ratio Lower Upper
 164 100
 162 100.2 78.8 118.2
 160 42.1 33.4 50.2

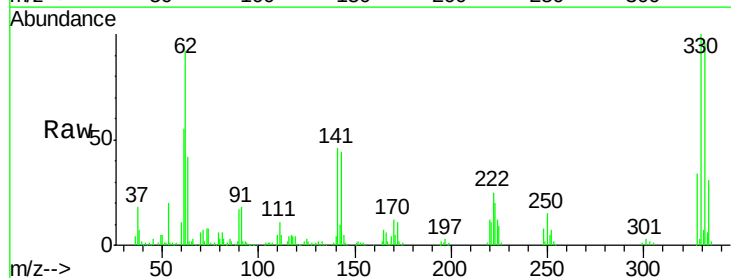


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

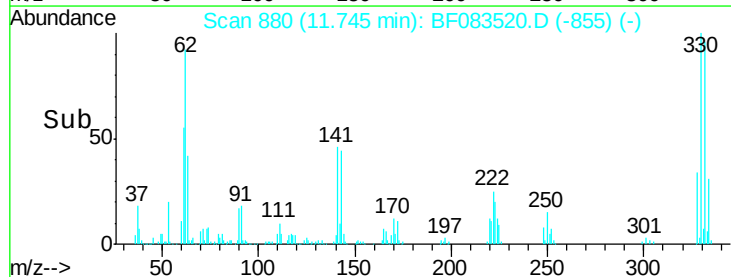
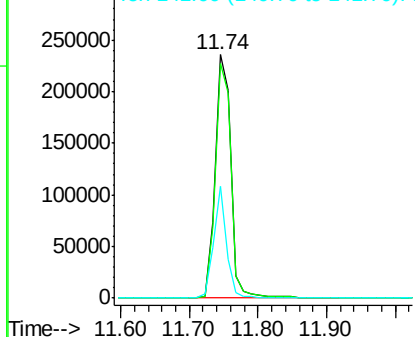


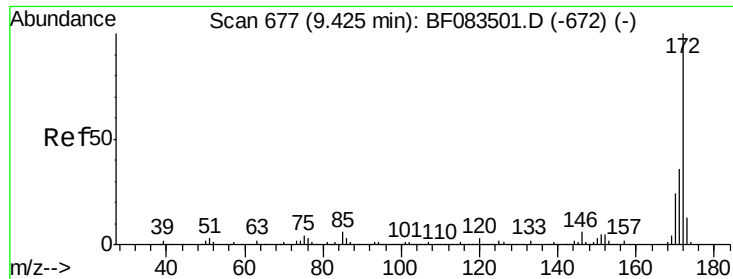
#41
 2,4,6-Tribromophenol
 Concen: 134.67 ng
 RT: 11.74 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF083520.D
 Acq: 5 Dec 2015 22:18

Tgt Ion:330 Resp: 382068
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 37.8 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



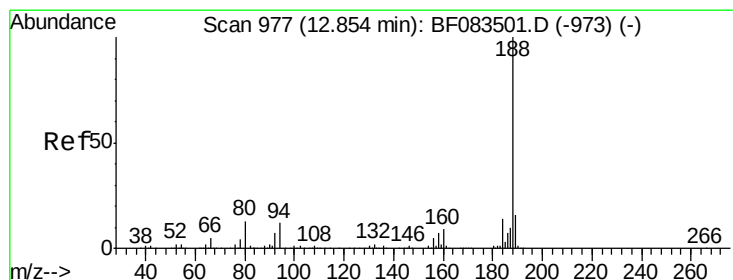
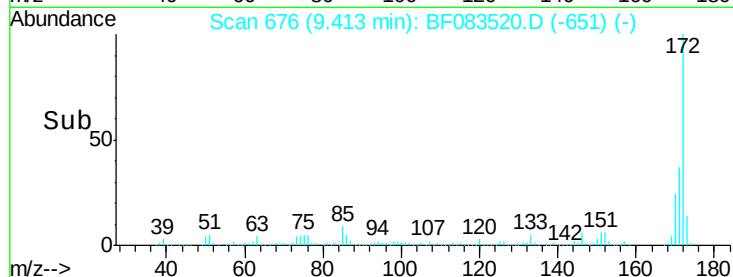
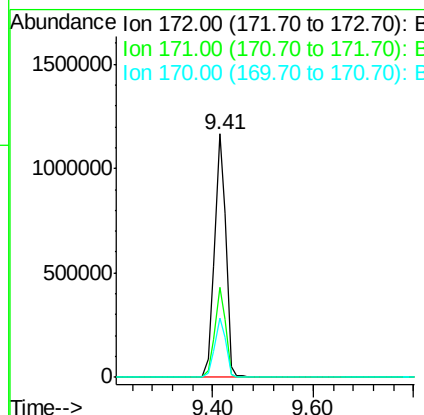
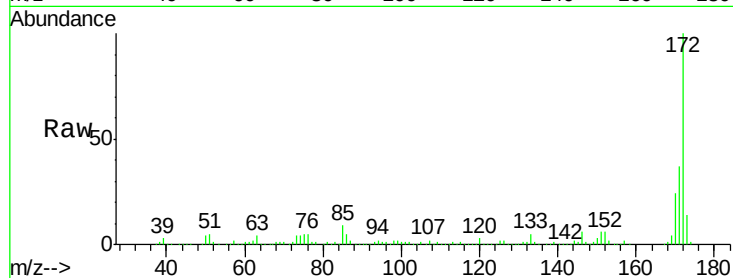


#44
 2-Fluorobiphenyl
 Concen: 80.62 ng
 RT: 9.41 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF083520.D
 Acq: 5 Dec 2015 22:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tot Ion:172 Resp: 1828117

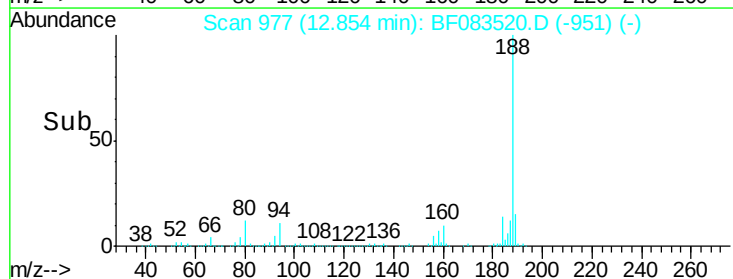
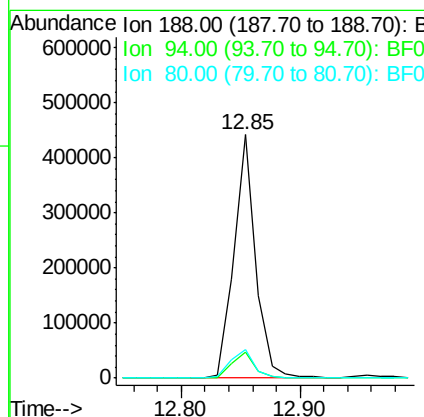
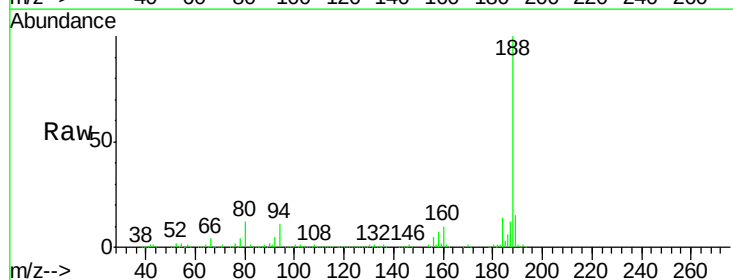
Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	42.8
170	24.1	19.4	29.0

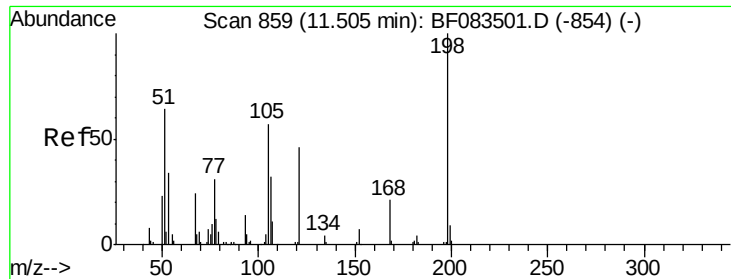


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.85 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF083520.D
 Acq: 5 Dec 2015 22:18

Tgt Ion:188 Resp: 558618

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.8	10.6	16.0





#64

4,6-Dinitro-2-methylphenol

Concen: 3.66 ng

RT: 11.74 min Scan# 880

Delta R.T. 0.24 min

Lab File: BF083520.D

Acq: 5 Dec 2015 22:18

Instrument :

BNA_F

ClientSampleId :

MW-17

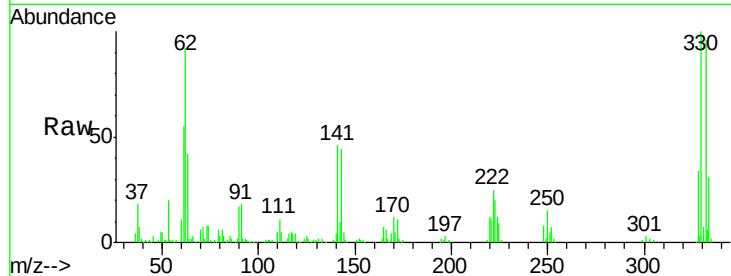
Tot Ion:198 Resp: 707

Ion Ratio Lower Upper

198 100

51 306.0 53.8 93.8#

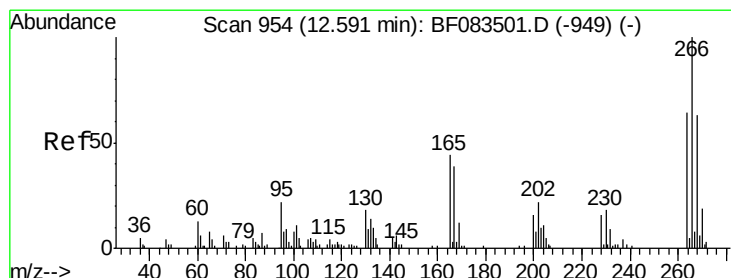
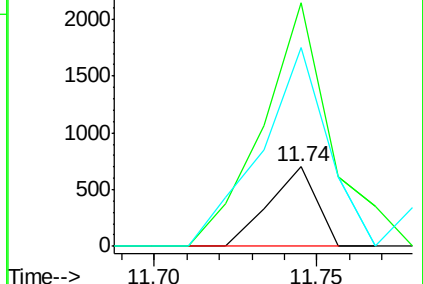
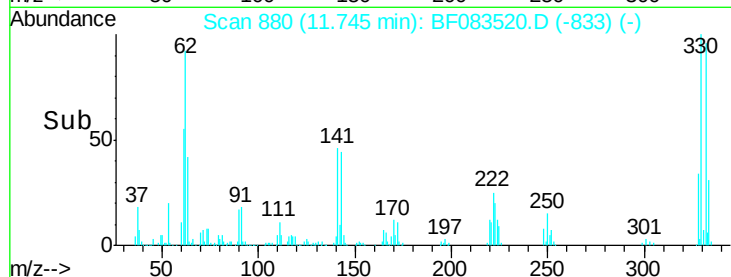
105 250.4 38.6 78.6#



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



#69

Pentachlorophenol

Concen: 4.68 ng

RT: 12.61 min Scan# 956

Delta R.T. 0.02 min

Lab File: BF083520.D

Acq: 5 Dec 2015 22:18

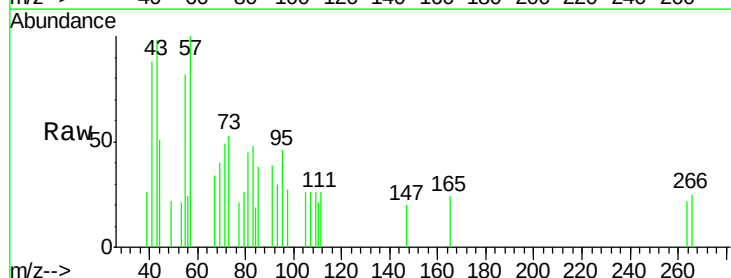
Tgt Ion:266 Resp: 726

Ion Ratio Lower Upper

266 100

268 0.0 50.2 75.2#

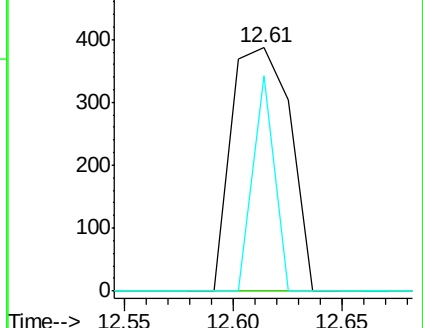
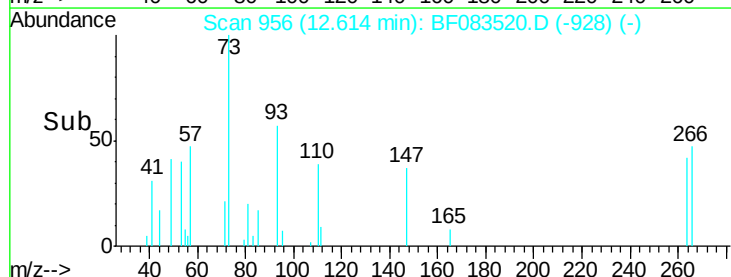
264 88.6 51.4 77.2#

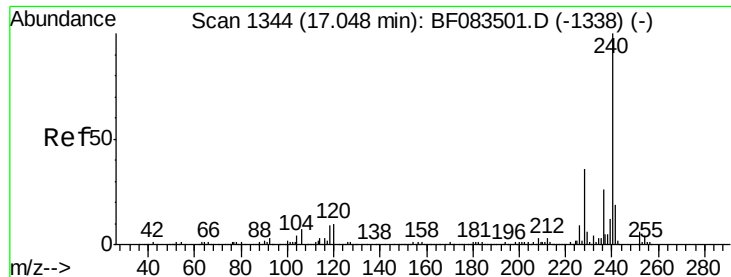


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.05 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF083520.D

Acq: 5 Dec 2015 22:18

Instrument :

BNA_F

ClientSampleId :

MW-17

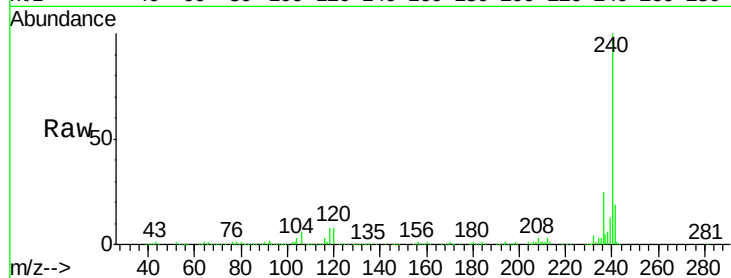
Tot Ion:240 Resp: 483650

Ion Ratio Lower Upper

240 100

120 8.5 8.1 12.1

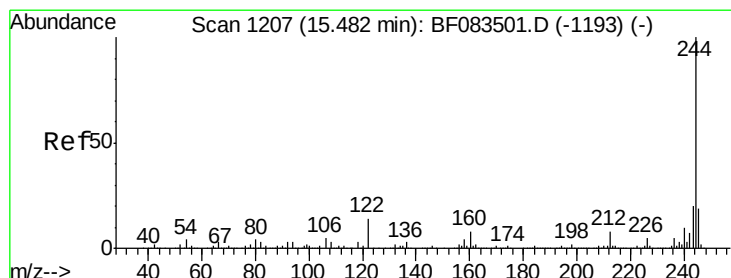
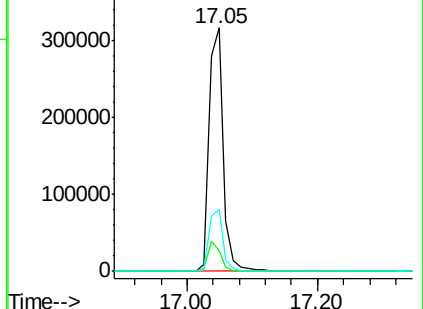
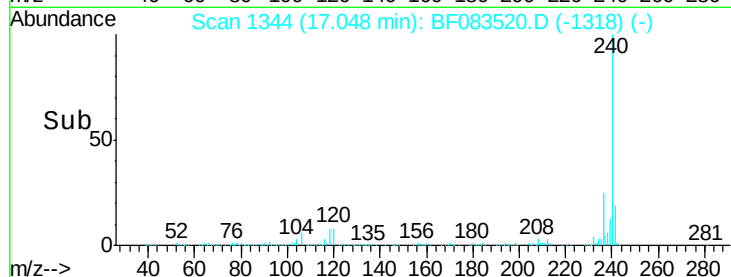
236 25.4 20.8 31.2



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: 78.66 ng

RT: 15.49 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF083520.D

Acq: 5 Dec 2015 22:18

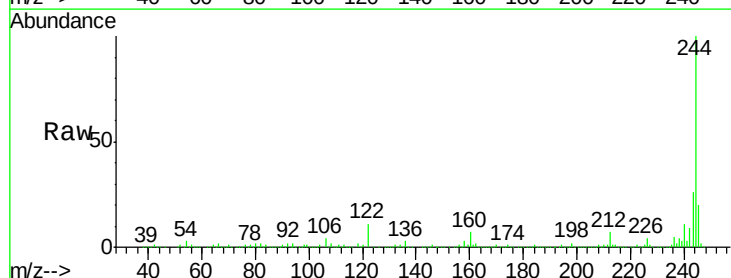
Tgt Ion:244 Resp: 1709690

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

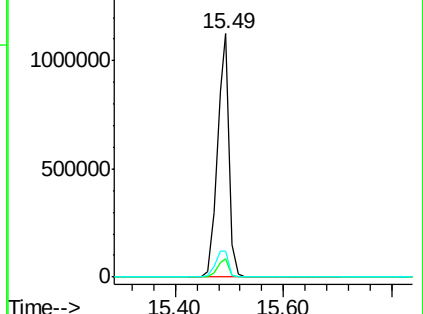
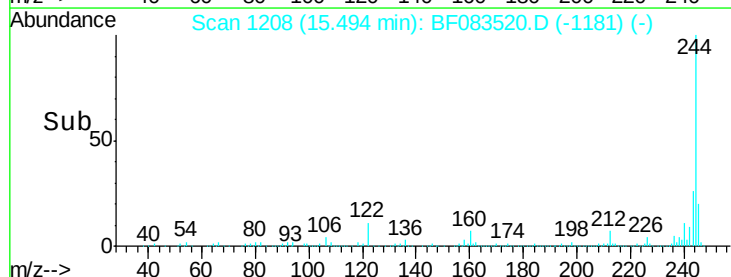
122 10.6 11.0 16.6#

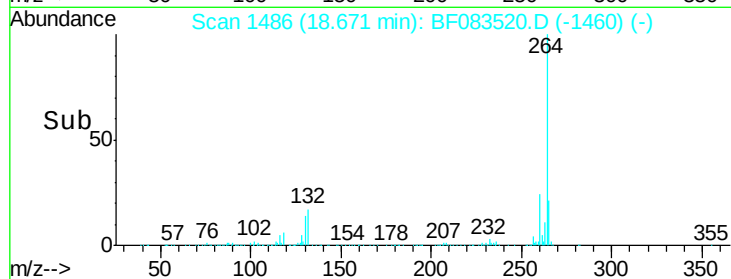
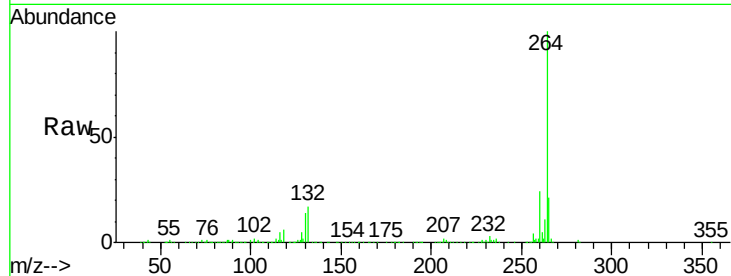
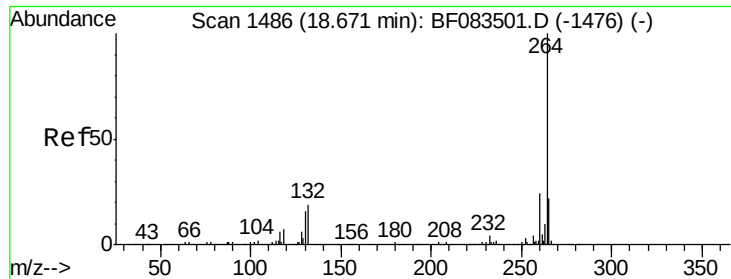


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF083520.D

Acq: 5 Dec 2015 22:18

Instrument :

BNA_F

ClientSampleId :

MW-17

Tot Ion: 264 Resp: 359849

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

265 20.9 17.8 26.6

