

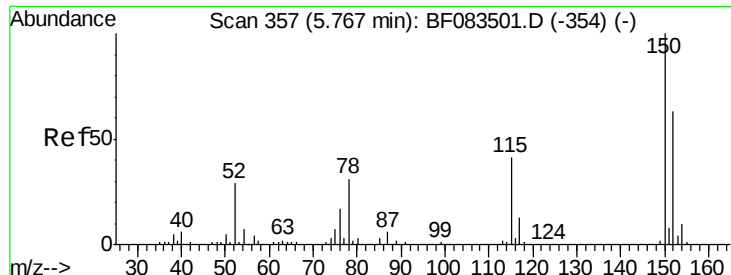
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083517.D
 Acq On : 5 Dec 2015 16:25
 Operator : UM/IZ
 Sample : G4588-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Quant Time: Dec 07 00:20:57 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	145372	20.00	ng	0.00
21) Naphthalene-d8	7.66	136	564586	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	274865	20.00	ng	-0.01
63) Phenanthrene-d10	12.85	188	499925	20.00	ng	0.00
75) Chrysene-d12	17.04	240	387349	20.00	ng	-0.01
86) Perylene-d12	18.67	264	313920	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.03	112	560542	58.50	ng	0.00
7) Phenol-d6	5.32	99	506073	38.33	ng	0.00
23) Nitrobenzene-d5	6.59	82	953885	78.98	ng	-0.01
41) 2,4,6-Tribromophenol	11.75	330	294341	116.09	ng	-0.01
44) 2-Fluorobiphenyl	9.41	172	1484851	73.27	ng	-0.01
78) Terphenyl-d14	15.48	244	1227532	70.52	ng	0.00
Target Compounds						
18) Hexachloroethane	6.59	117	17261	4.10	ng	# 1
19) n-Nitroso-di-n-propylamine	6.59	70	120186	13.65	ng	# 82
32) Benzoic acid	7.28	122	752	2.79	ng	# 40
53) 2,4-Dinitrophenol	10.75	184	307	7.70	ng	# 24
64) 4,6-Dinitro-2-methylphenol	11.32	198	232	3.55	ng	# 1

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

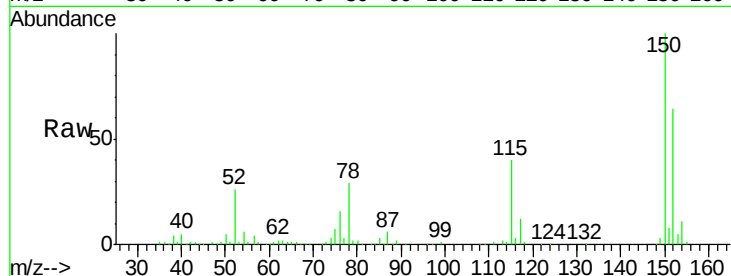


#1

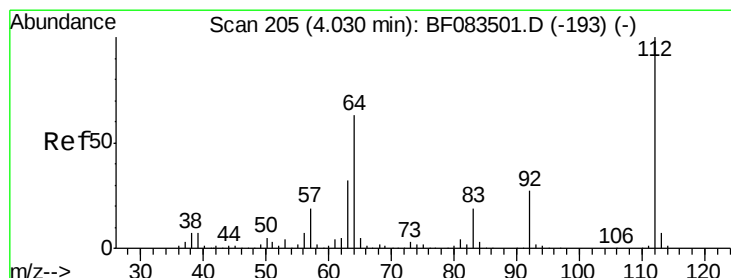
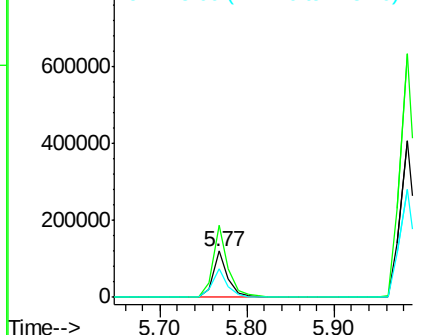
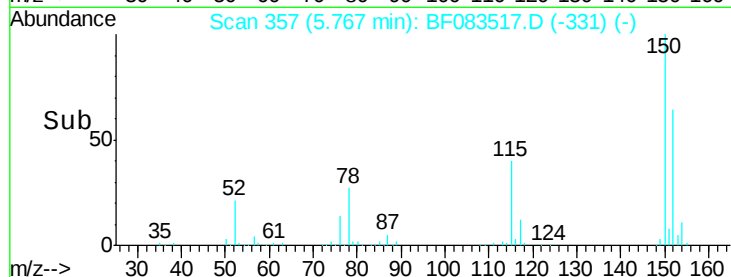
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 357
Delta R.T. 0.00 min
Lab File: BF083517.D
Acq: 5 Dec 2015 16:25

Instrument :
BNA_F
ClientSampleId :
MW-24

Tot Ion:152 Resp: 145372
Ion Ratio Lower Upper
152 100
150 157.0 126.5 189.7
115 63.2 52.3 78.5



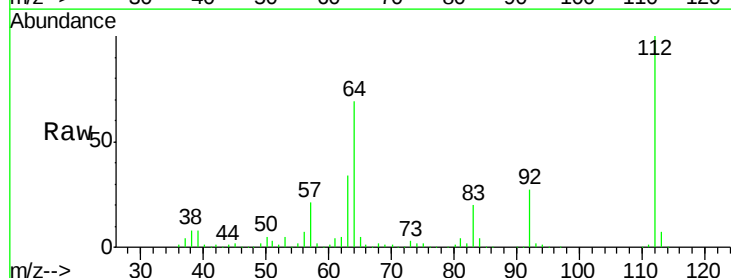
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



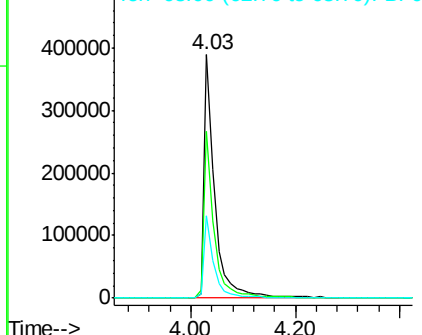
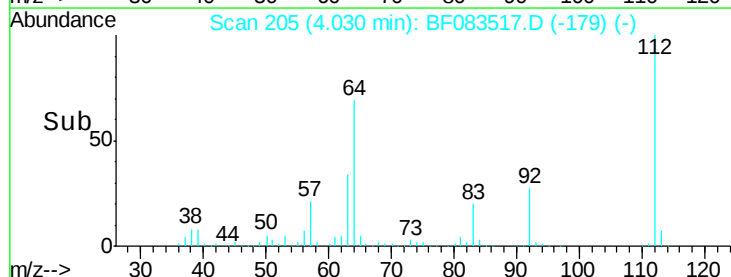
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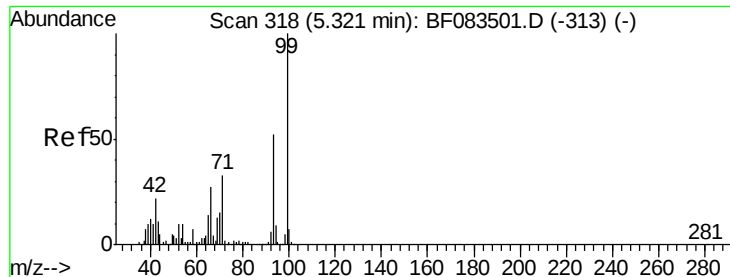
2-Fluorophenol
Concen: 58.50 ng
RT: 4.03 min Scan# 205
Delta R.T. 0.00 min
Lab File: BF083517.D
Acq: 5 Dec 2015 16:25

Tgt Ion:112 Resp: 560542
Ion Ratio Lower Upper
112 100
64 68.7 50.5 75.7
63 33.8 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: 38.33 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083517.D

Acq: 5 Dec 2015 16:25

Instrument :

BNA_F

ClientSampleId :

MW-24

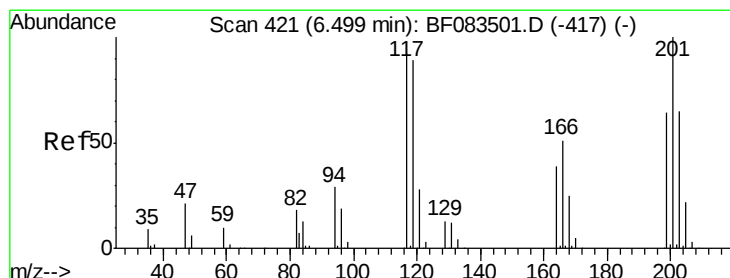
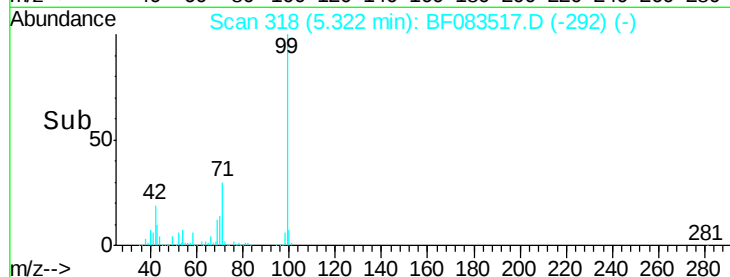
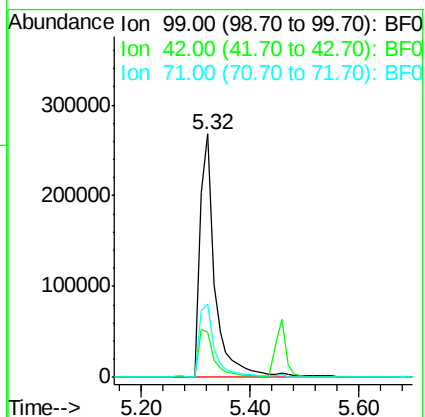
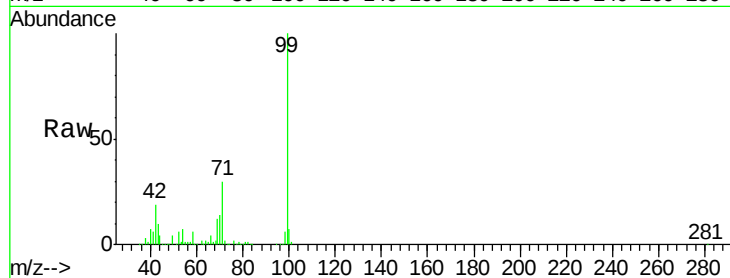
Tot Ion: 99 Resp: 506073

Ion Ratio Lower Upper

99 100

42 18.8 17.3 25.9

71 30.4 26.6 40.0



#18

Hexachloroethane

Concen: 4.10 ng

RT: 6.59 min Scan# 429

Delta R.T. 0.09 min

Lab File: BF083517.D

Acq: 5 Dec 2015 16:25

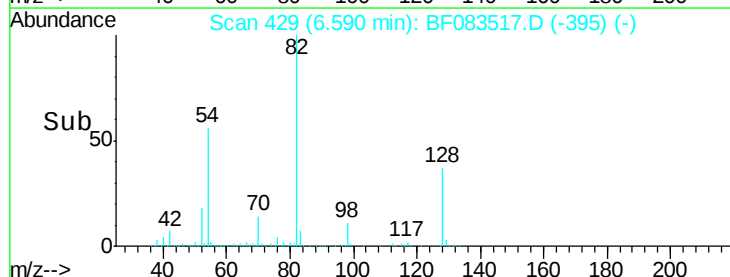
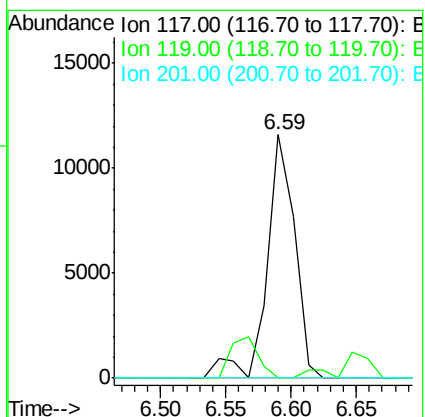
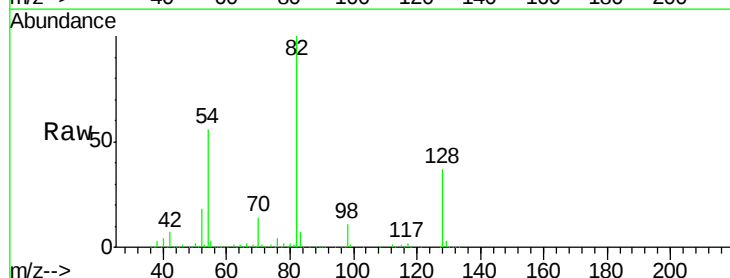
Tgt Ion: 117 Resp: 17261

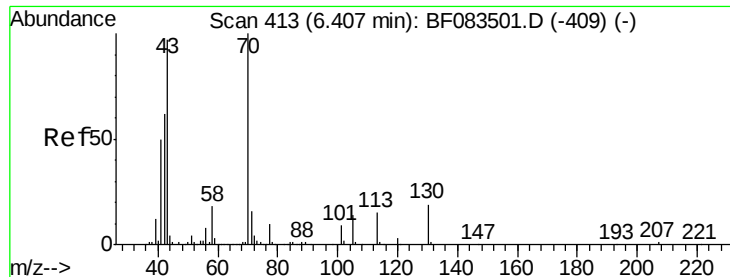
Ion Ratio Lower Upper

117 100

119 0.0 77.2 115.8#

201 0.0 86.8 130.2#

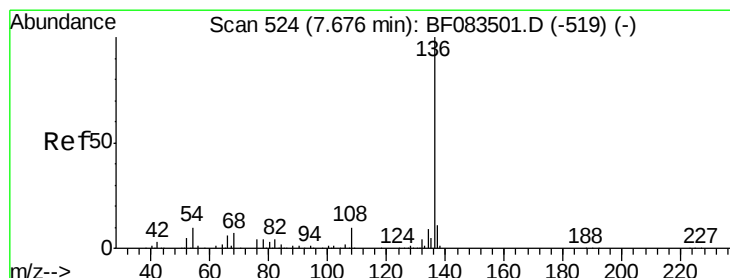
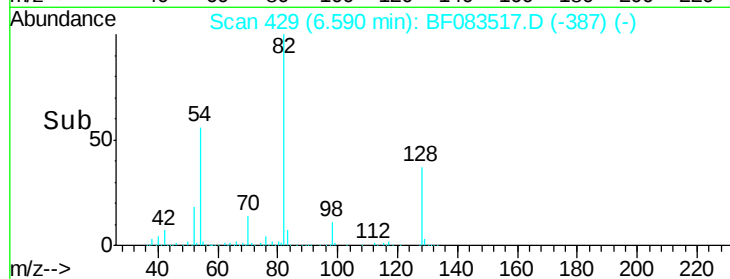
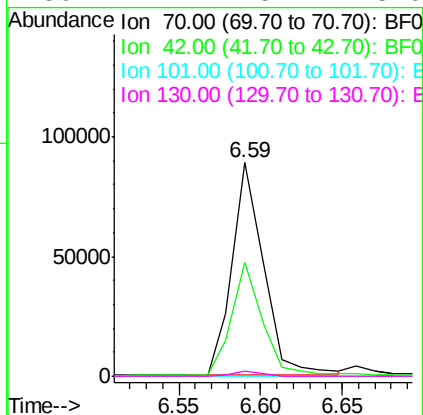
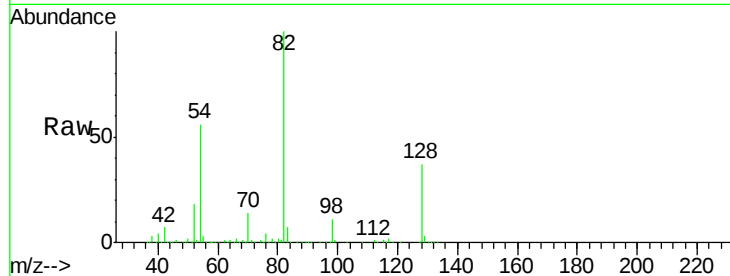




#19
n-Nitroso-di-n-propylamine
Concen: 13.65 ng
RT: 6.59 min Scan# 429
Delta R.T. 0.18 min
Lab File: BF083517.D
Acq: 5 Dec 2015 16:25

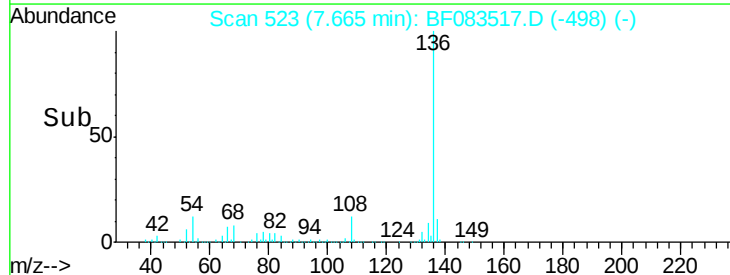
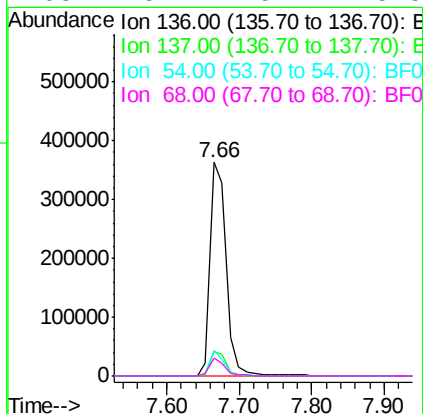
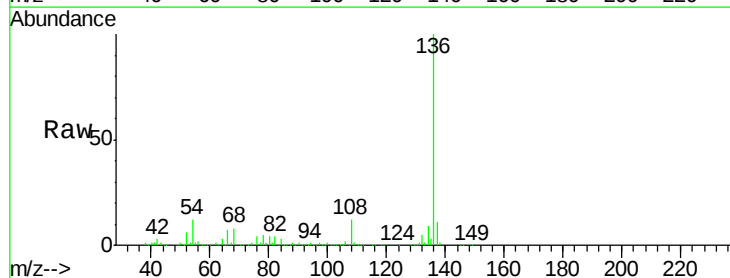
Instrument :
BNA_F
ClientSampleId :
MW-24

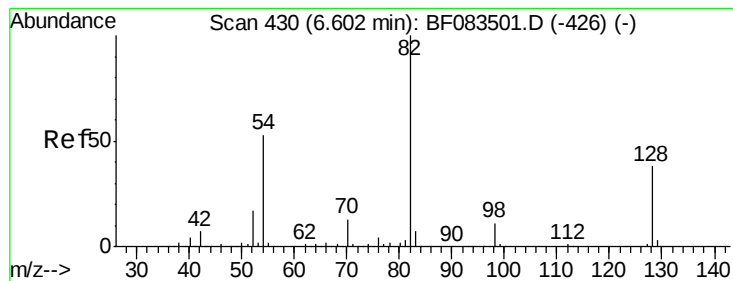
Tot Ion: 70 Resp: 120186
Ion Ratio Lower Upper
70 100
42 53.1 49.2 73.8
101 0.0 7.1 10.7#
130 2.2 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.66 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083517.D
Acq: 5 Dec 2015 16:25

Tgt Ion:136 Resp: 564586
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 12.1 7.8 11.6#
68 8.2 5.7 8.5





#23

Nitrobenzene-d5

Concen: 78.98 ng

RT: 6.59 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF083517.D

Acq: 5 Dec 2015 16:25

Instrument :

BNA_F

ClientSampleId :

MW-24

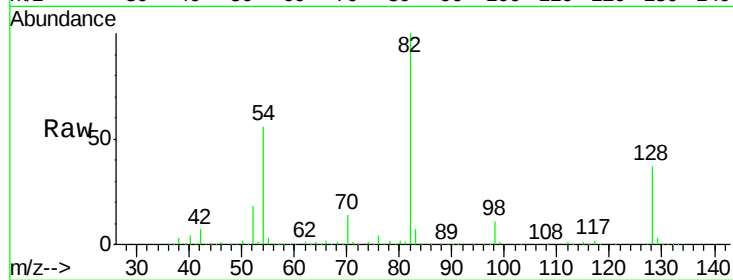
Tot Ion: 82 Resp: 953885

Ion Ratio Lower Upper

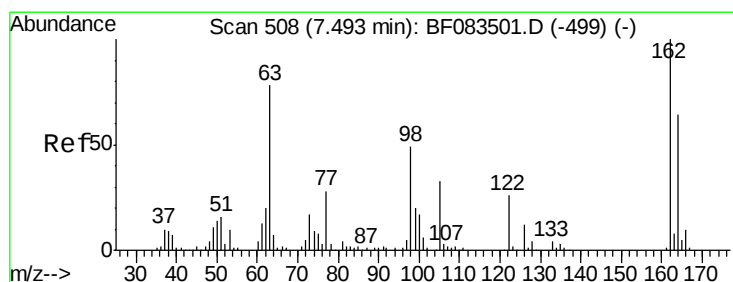
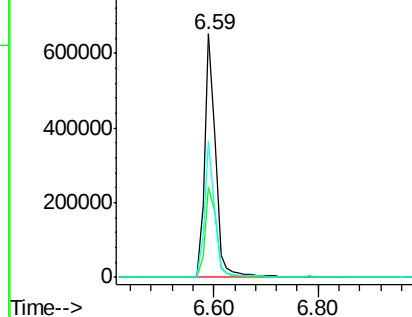
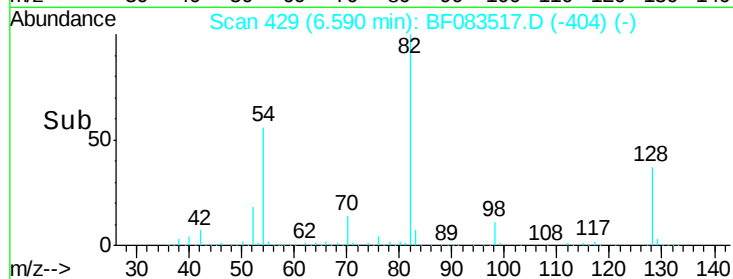
82 100

128 37.2 30.7 46.1

54 55.7 42.5 63.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#32

Benzoic acid

Concen: 2.79 ng

RT: 7.28 min Scan# 489

Delta R.T. -0.22 min

Lab File: BF083517.D

Acq: 5 Dec 2015 16:25

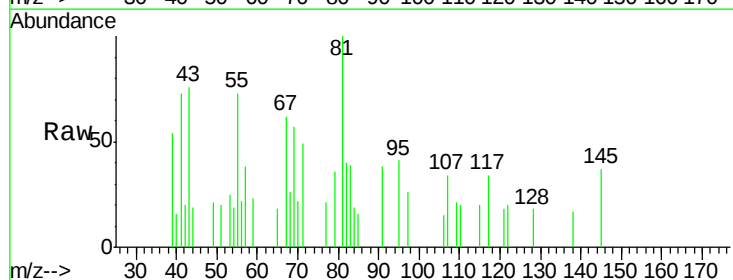
Tgt Ion:122 Resp: 752

Ion Ratio Lower Upper

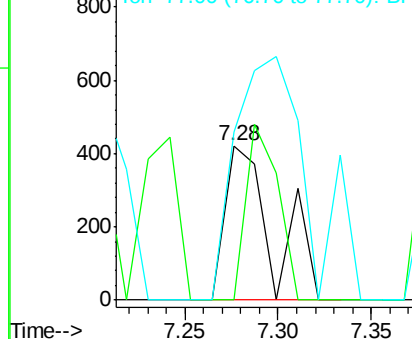
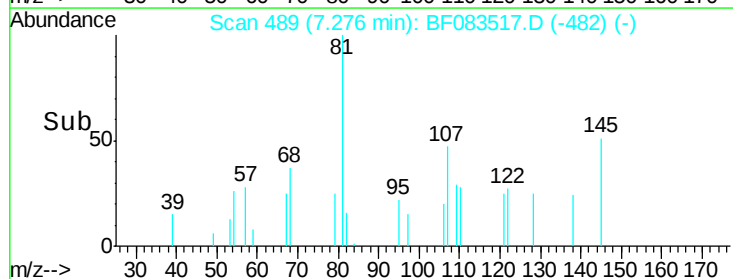
122 100

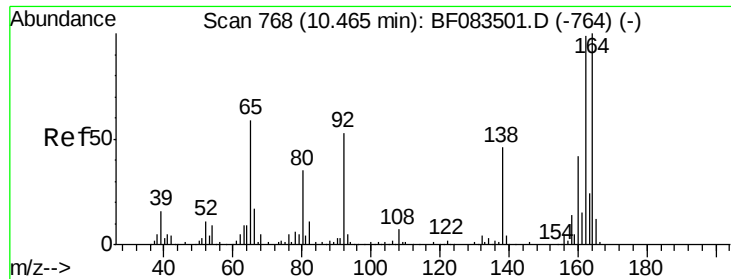
105 0.0 105.6 145.6#

77 108.8 86.8 126.8



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

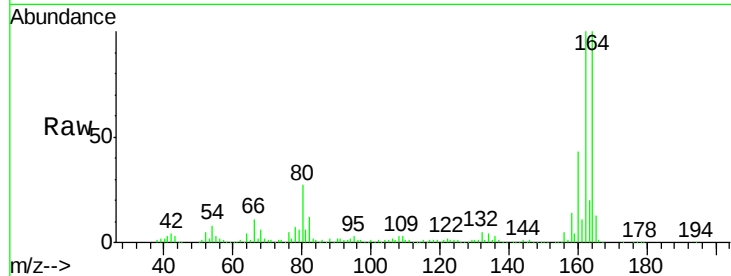




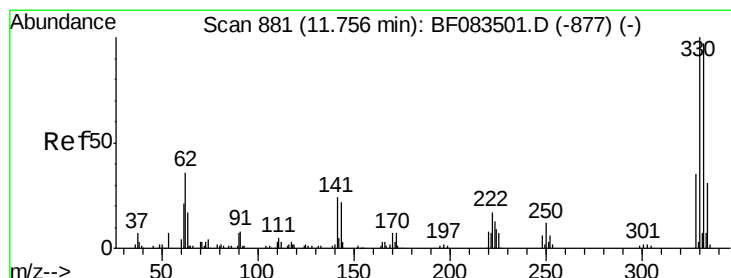
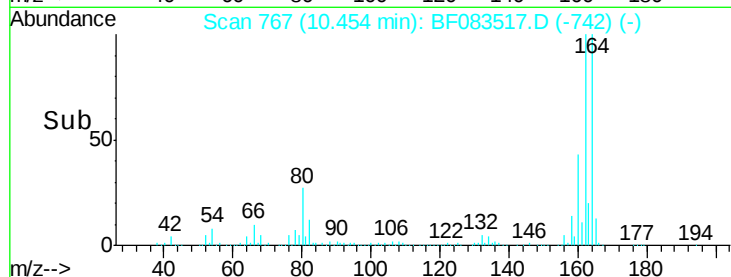
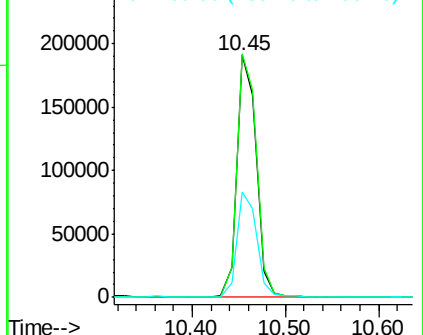
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF083517.D
Acq: 5 Dec 2015 16:25

Instrument :
BNA_F
ClientSampled :
MW-24

Tot Ion:164 Resp: 274865
Ion Ratio Lower Upper
164 100
162 100.5 78.8 118.2
160 43.3 33.4 50.2

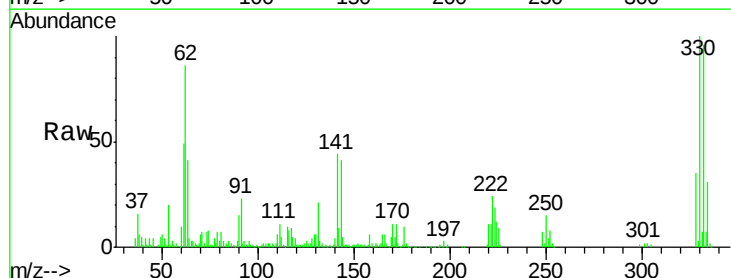


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

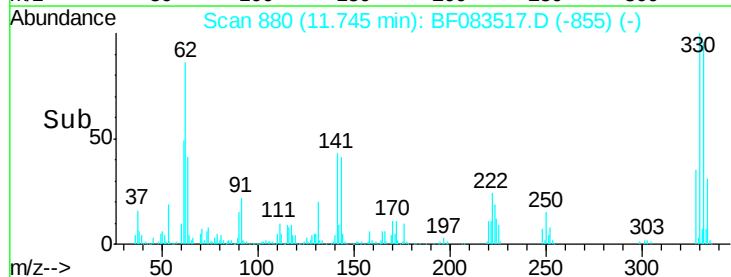
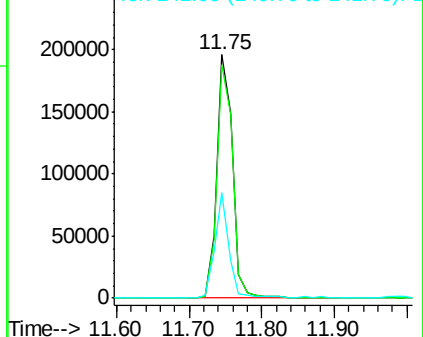


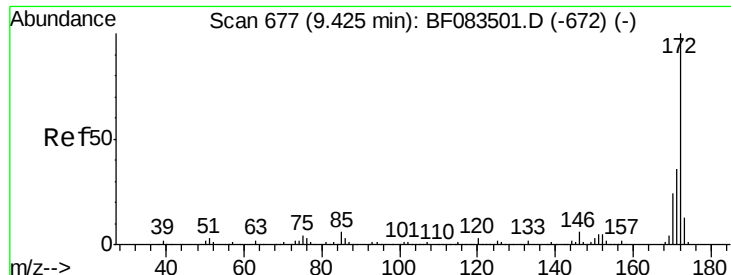
#41
2,4,6-Tribromophenol
Concen: 116.09 ng
RT: 11.75 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF083517.D
Acq: 5 Dec 2015 16:25

Tgt Ion:330 Resp: 294341
Ion Ratio Lower Upper
330 100
332 96.7 0.0 0.0#
141 37.7 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

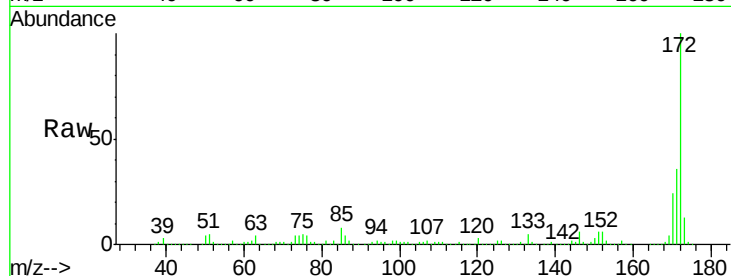




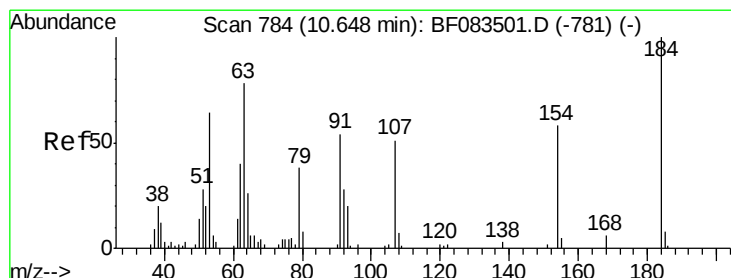
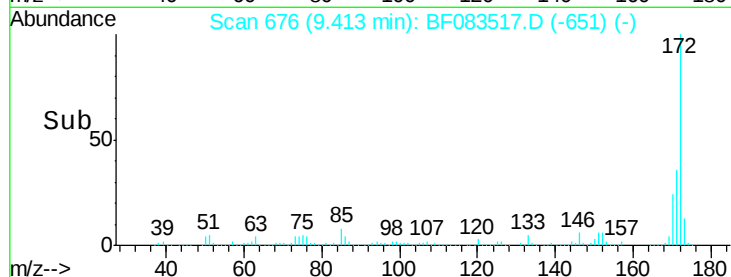
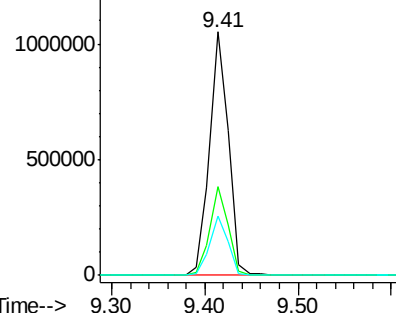
#44
 2-Fluorobiphenyl
 Concen: 73.27 ng
 RT: 9.41 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF083517.D
 Acq: 5 Dec 2015 16:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Tot Ion:172 Resp: 1484851
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 42.8
 170 24.4 19.4 29.0

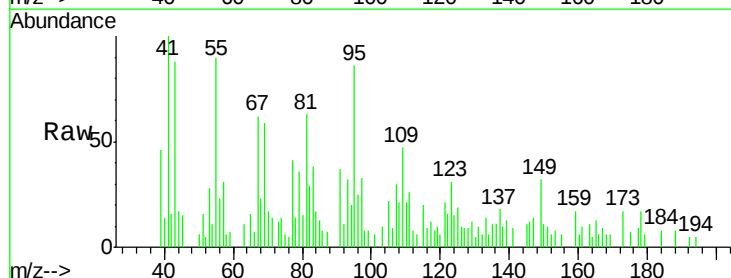


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

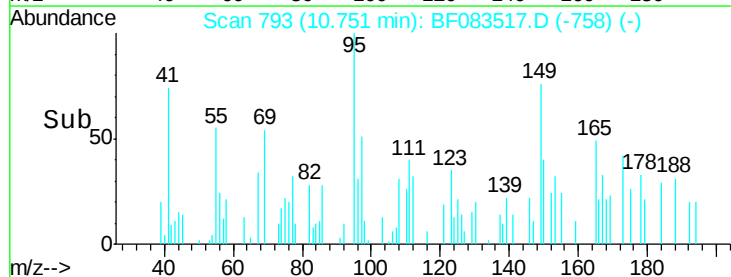
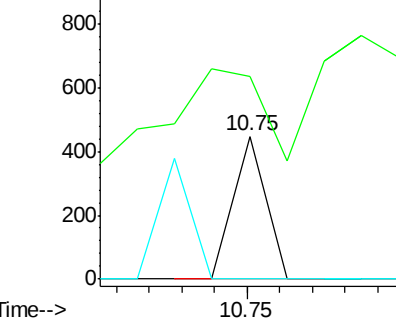


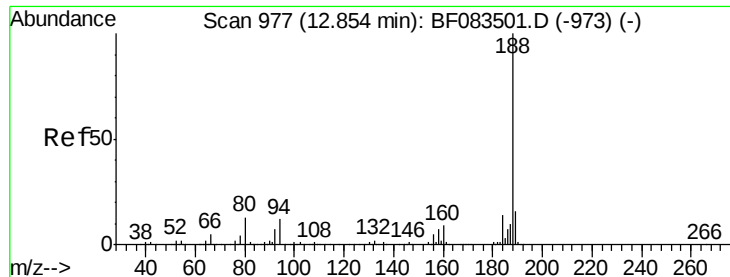
#53
 2,4-Dinitrophenol
 Concen: 7.70 ng
 RT: 10.75 min Scan# 793
 Delta R.T. 0.10 min
 Lab File: BF083517.D
 Acq: 5 Dec 2015 16:25

Tgt Ion:184 Resp: 307
 Ion Ratio Lower Upper
 184 100
 63 142.4 62.4 93.6#
 154 0.0 46.6 69.8#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

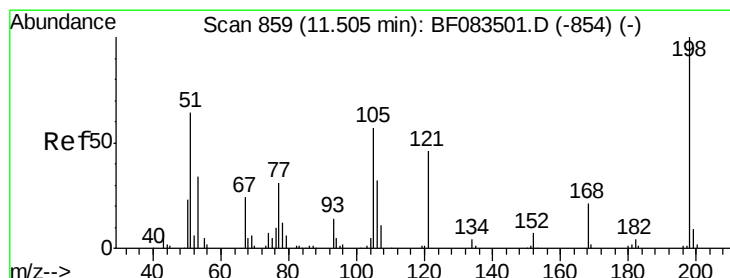
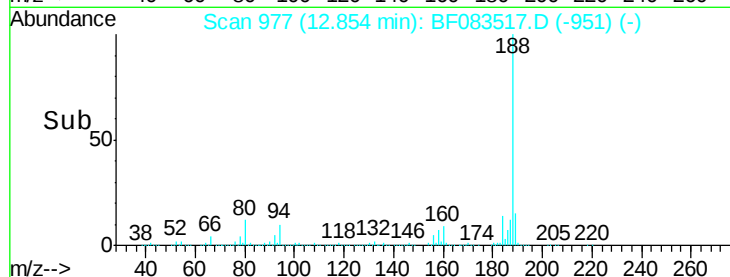
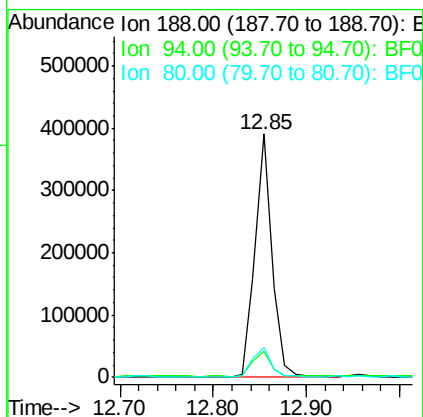
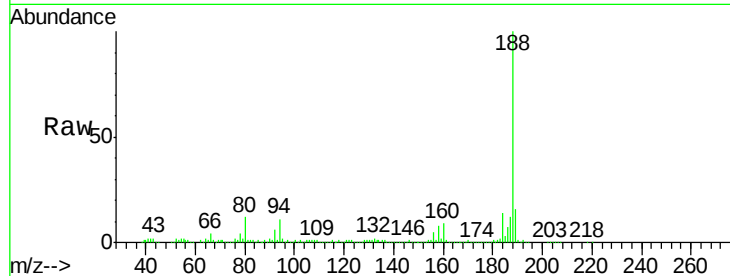




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF083517.D
Acq: 5 Dec 2015 16:25

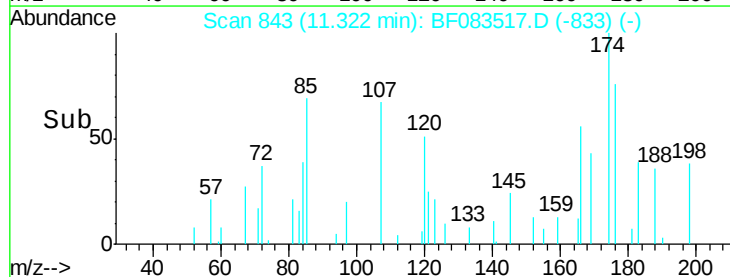
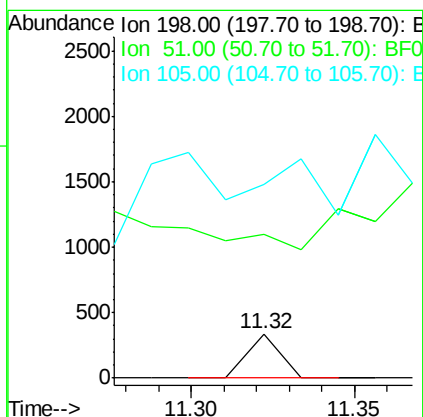
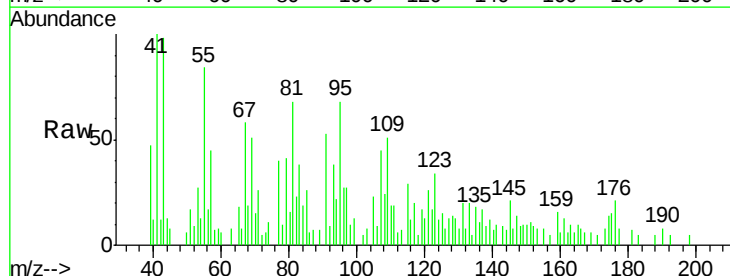
Instrument :
BNA_F
ClientSampleId :
MW-24

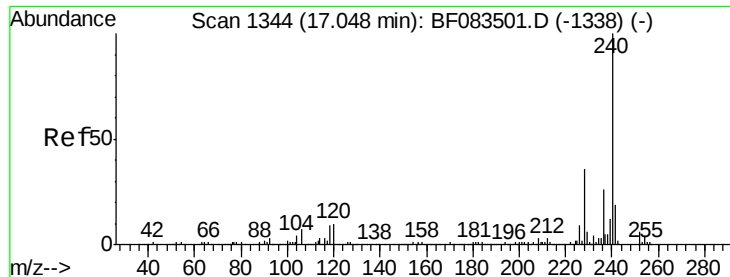
Tot Ion:188 Resp: 499925
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 12.2 10.6 16.0



#64
4,6-Dinitro-2-methylphenol
Concen: 3.55 ng
RT: 11.32 min Scan# 843
Delta R.T. -0.18 min
Lab File: BF083517.D
Acq: 5 Dec 2015 16:25

Tgt Ion:198 Resp: 232
Ion Ratio Lower Upper
198 100
51 325.7 53.8 93.8#
105 438.2 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: BF083517.D

Acq: 5 Dec 2015 16:25

Instrument :

BNA_F

ClientSampleId :

MW-24

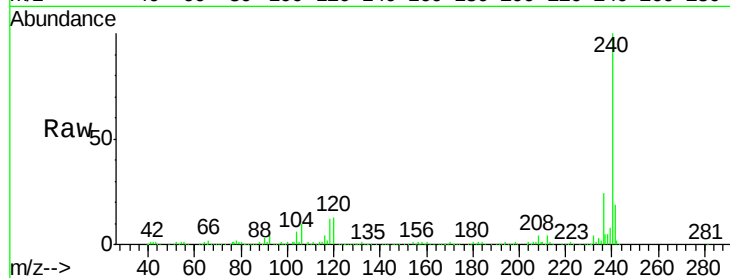
Tot Ion:240 Resp: 387349

Ion Ratio Lower Upper

240 100

120 13.3 8.1 12.1#

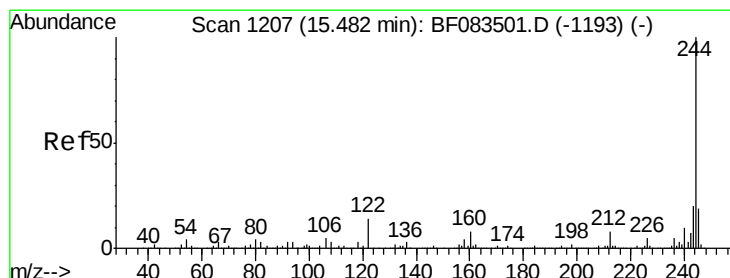
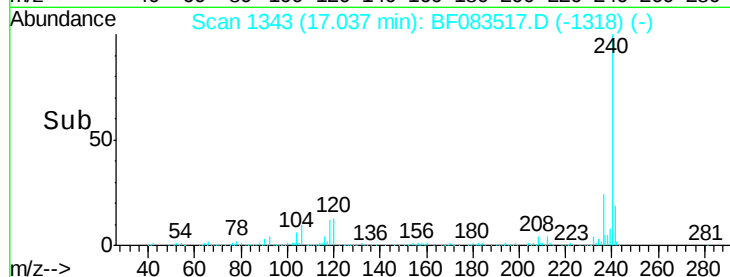
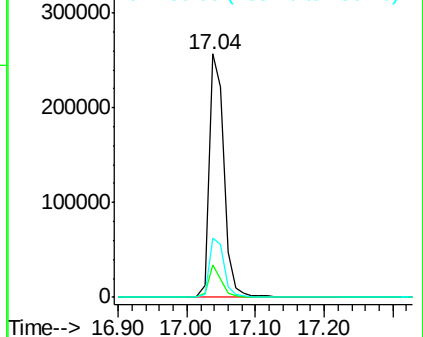
236 24.4 20.8 31.2



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: 70.52 ng

RT: 15.48 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF083517.D

Acq: 5 Dec 2015 16:25

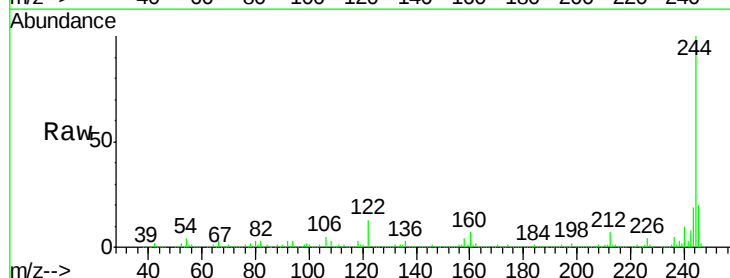
Tgt Ion:244 Resp: 1227532

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

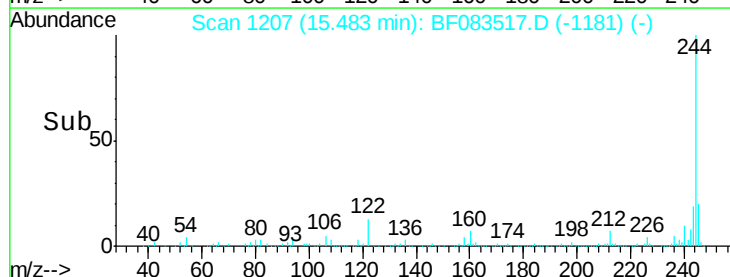
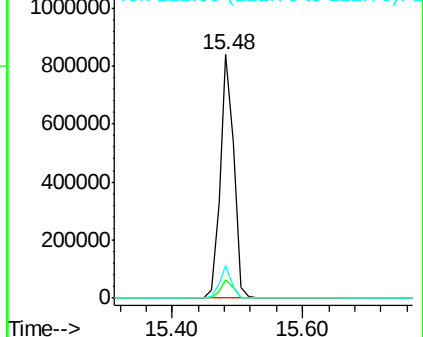
122 13.5 11.0 16.6

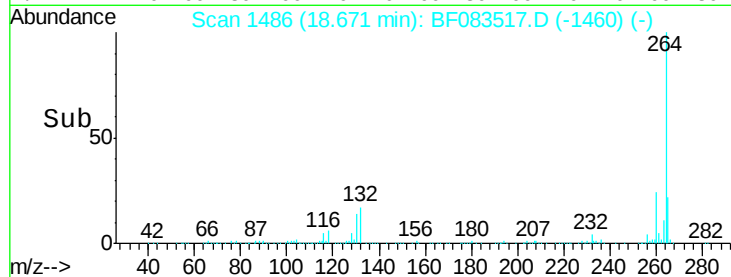
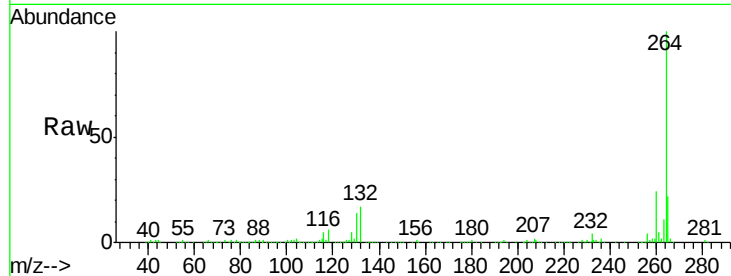
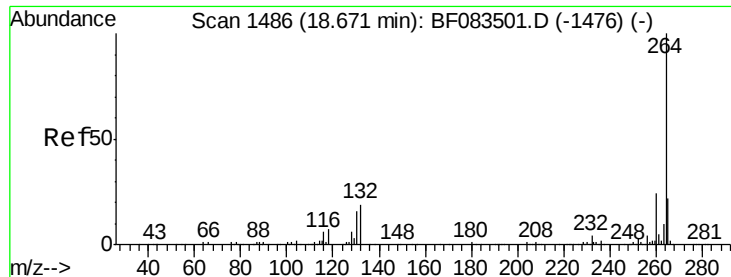


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.67 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF083517.D
Acq: 5 Dec 2015 16:25

Instrument :
BNA_F
ClientSampleId :
MW-24

Tot Ion:	264	Resp:	313920
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.6	17.8	26.6

