

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120415\
 Data File : BF083521.D
 Acq On : 5 Dec 2015 22:48
 Operator : UM/IZ
 Sample : G4588-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Quant Time: Dec 07 00:22:03 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

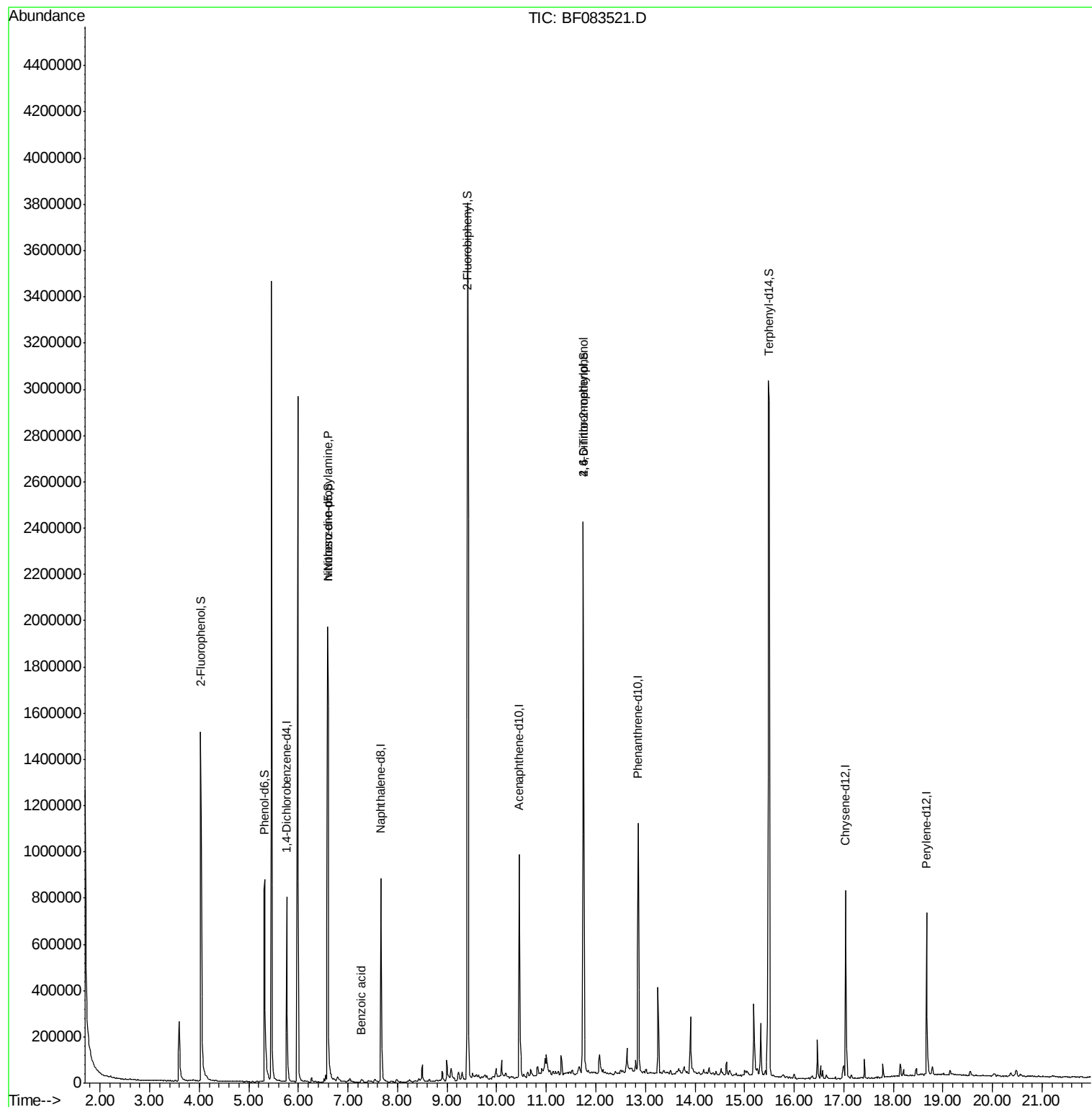
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	158689	20.00	ng	0.00
21) Naphthalene-d8	7.66	136	602245	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	304454	20.00	ng	-0.01
63) Phenanthrene-d10	12.85	188	547821	20.00	ng	0.00
75) Chrysene-d12	17.04	240	421693	20.00	ng	-0.01
86) Perylene-d12	18.67	264	324006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.03	112	665530	63.63	ng	0.00
7) Phenol-d6	5.32	99	589007	40.87	ng	0.00
23) Nitrobenzene-d5	6.59	82	1149285	89.20	ng	-0.01
41) 2,4,6-Tribromophenol	11.75	330	378330	134.71	ng	-0.01
44) 2-Fluorobiphenyl	9.41	172	1894210	84.39	ng	-0.01
78) Terphenyl-d14	15.49	244	1734031	91.50	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.59	70	147286	15.32	ng	# 84
32) Benzoic acid	7.28	122	3984	3.35	ng	# 28
64) 4,6-Dinitro-2-methylphenol	11.75	198	962	3.72	ng	# 1

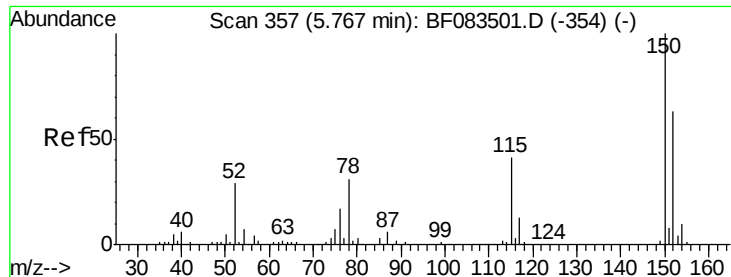
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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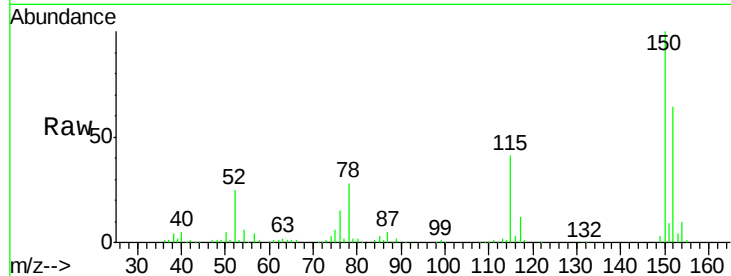


#1

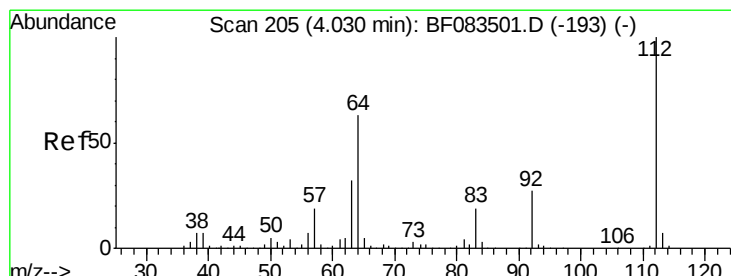
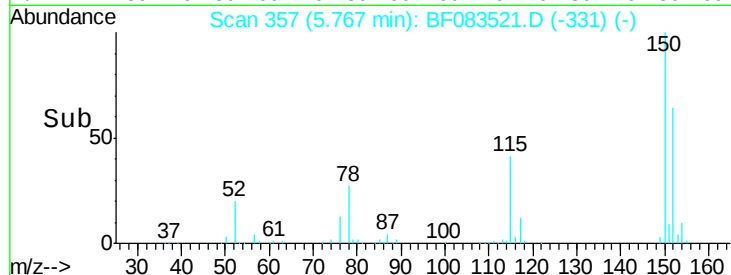
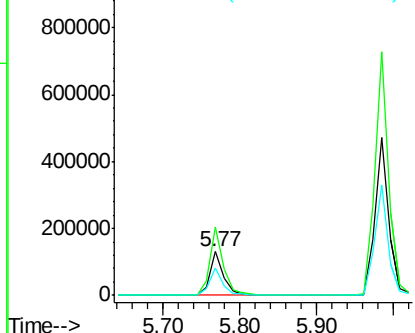
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 357
Delta R.T. 0.00 min
Lab File: BF083521.D
Acq: 5 Dec 2015 22:48

Instrument :
BNA_F
ClientSampled :
MW-09

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.5	189.7
115	63.9	52.3	78.5



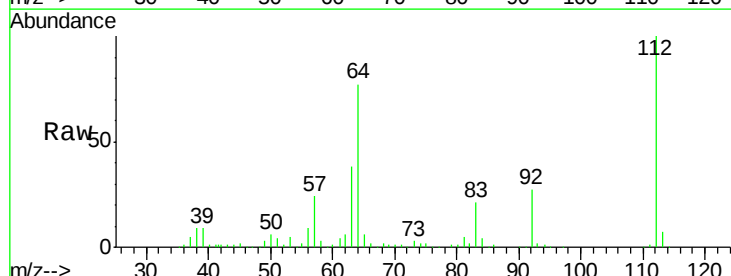
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



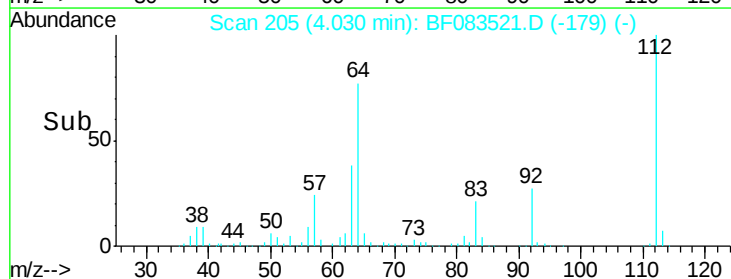
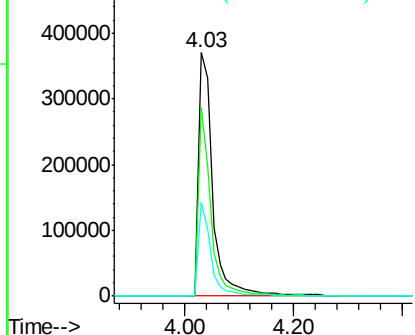
#5

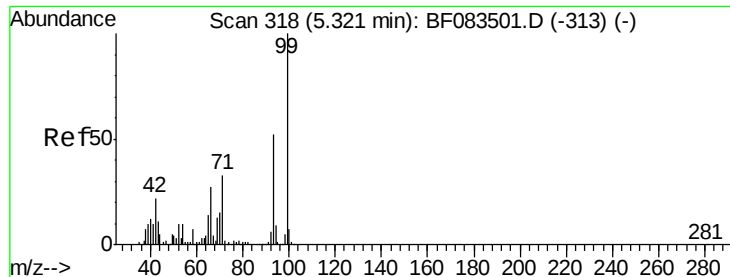
2-Fluorophenol
Concen: 63.63 ng
RT: 4.03 min Scan# 205
Delta R.T. 0.00 min
Lab File: BF083521.D
Acq: 5 Dec 2015 22:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.4	50.5	75.7#
63	38.3	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: 40.87 ng

RT: 5.32 min Scan# 318

Delta R.T. 0.00 min

Lab File: BF083521.D

Acq: 5 Dec 2015 22:48

Instrument :

BNA_F

ClientSampleId :

MW-09

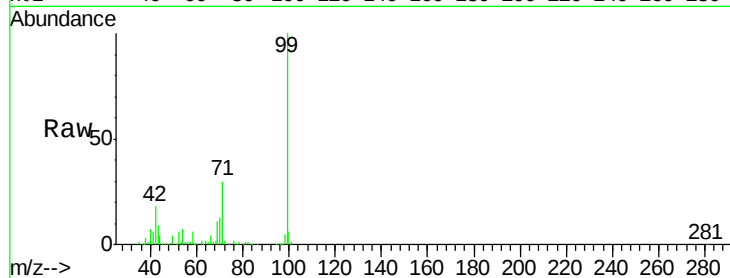
Tot Ion: 99 Resp: 589007

Ion Ratio Lower Upper

99 100

42 17.8 17.3 25.9

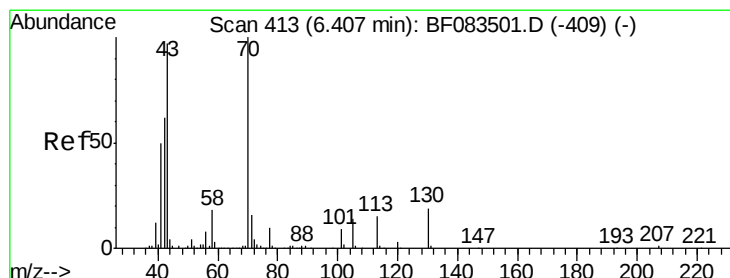
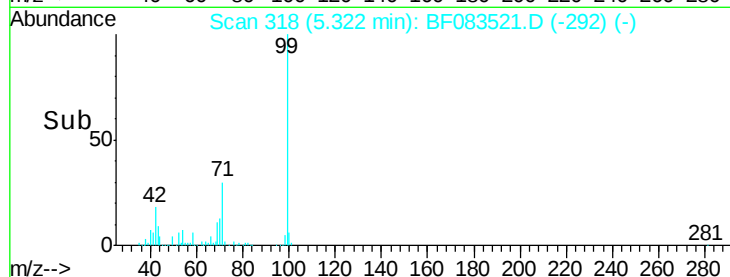
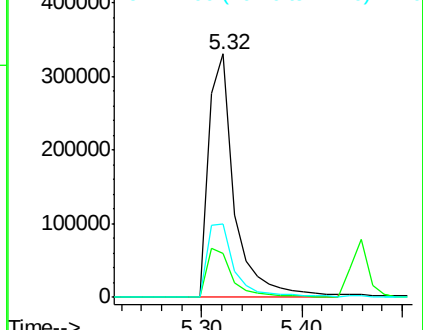
71 30.2 26.6 40.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.32 ng

RT: 6.59 min Scan# 429

Delta R.T. 0.18 min

Lab File: BF083521.D

Acq: 5 Dec 2015 22:48

Tgt Ion: 70 Resp: 147286

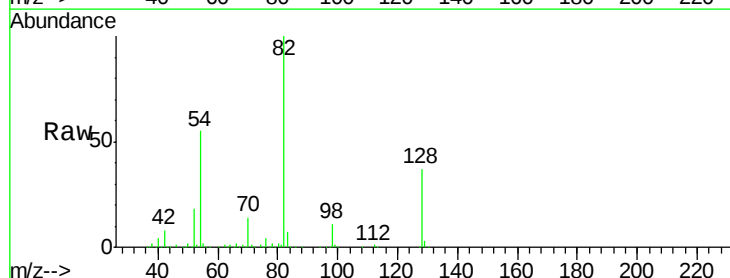
Ion Ratio Lower Upper

70 100

42 55.3 49.2 73.8

101 0.0 7.1 10.7#

130 2.0 15.4 23.0#

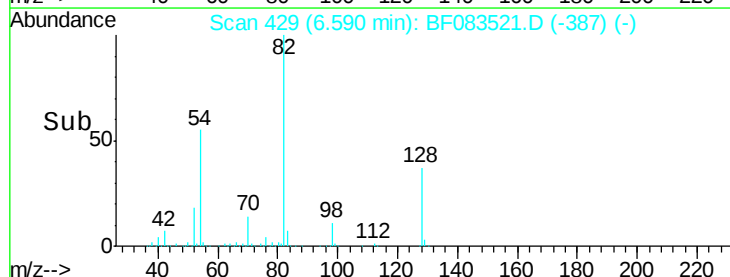
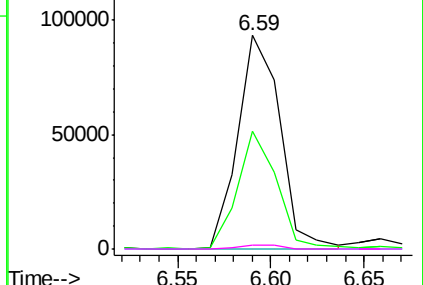


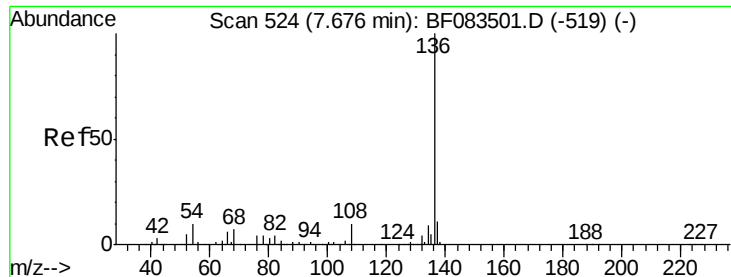
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

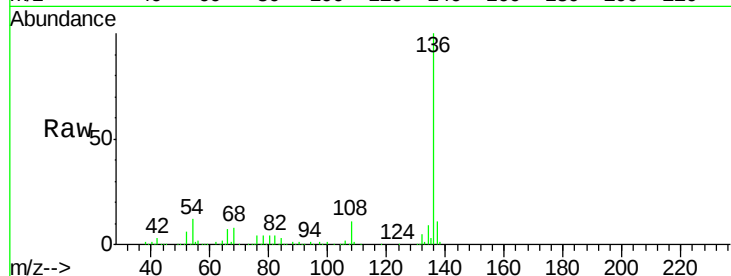




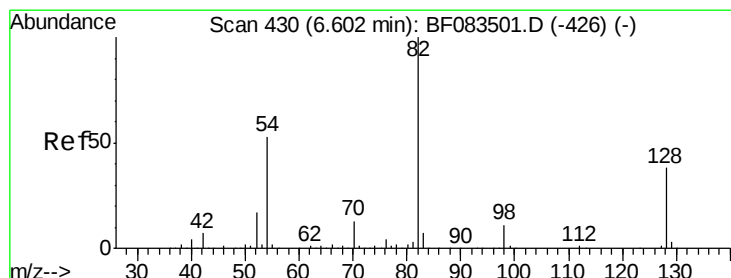
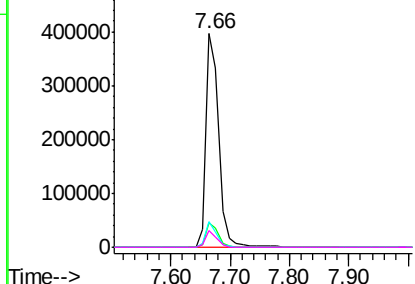
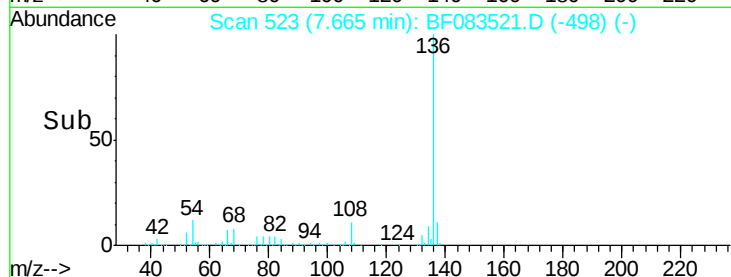
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.66 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083521.D
Acq: 5 Dec 2015 22:48

Instrument :
BNA_F
ClientSampleId :
MW-09

Tot Ion:136	Resp: 602245
Ion Ratio	Lower Upper
136 100	
137 11.5	8.7 13.1
54 12.1	7.8 11.6#
68 8.0	5.7 8.5

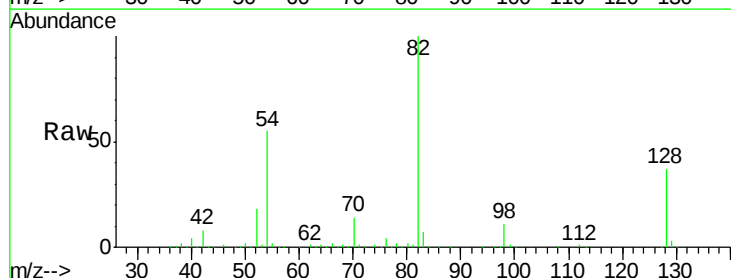


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

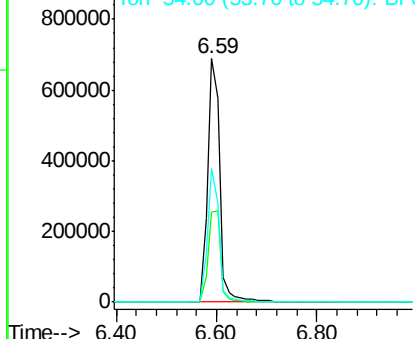
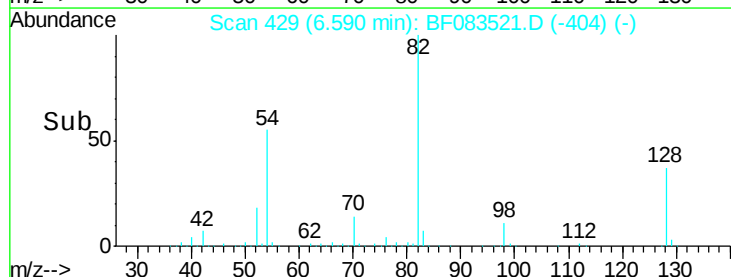


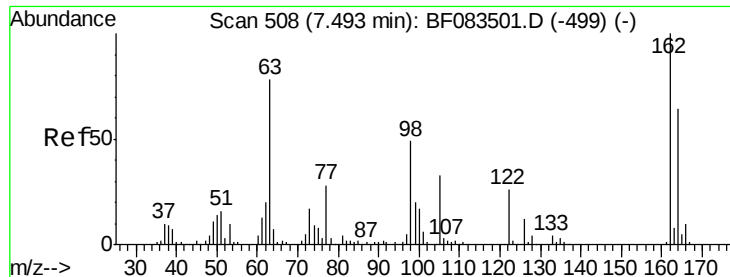
#23
Nitrobenzene-d5
Concen: 89.20 ng
RT: 6.59 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF083521.D
Acq: 5 Dec 2015 22:48

Tgt	Ion: 82	Resp: 1149285	
Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.7	46.1
54	55.1	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

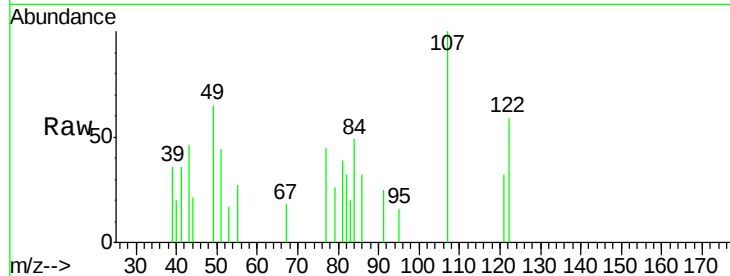




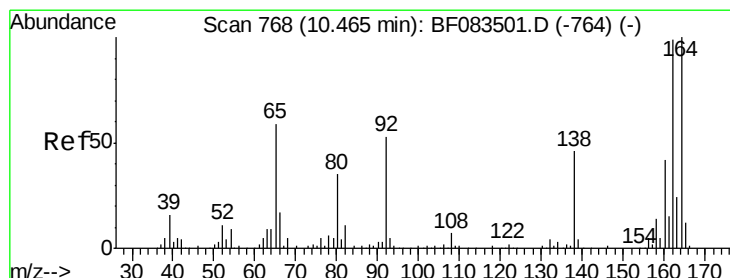
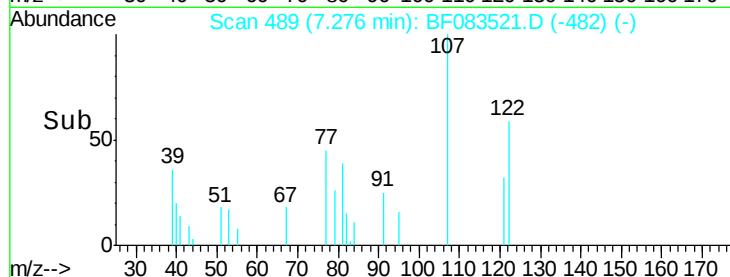
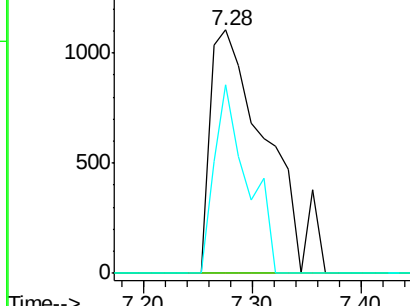
#32
Benzoic acid
Concen: 3.35 ng
RT: 7.28 min Scan# 489
Delta R.T. -0.22 min
Lab File: BF083521.D
Acq: 5 Dec 2015 22:48

Instrument :
BNA_F
ClientSampled :
MW-09

Tot Ion:122 Resp: 3984
Ion Ratio Lower Upper
122 100
105 0.0 105.6 145.6#
77 77.5 86.8 126.8#

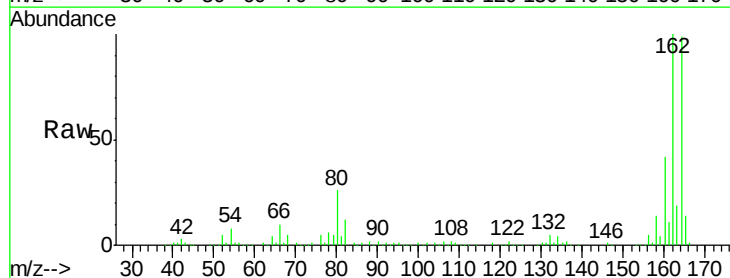


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

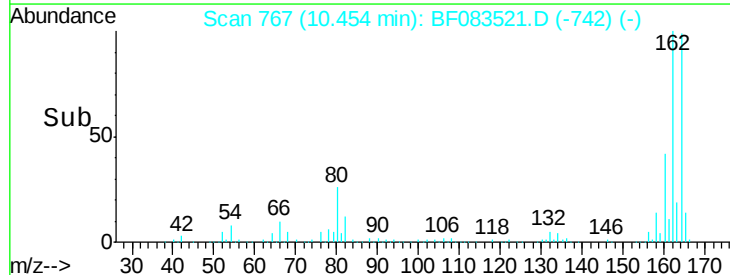
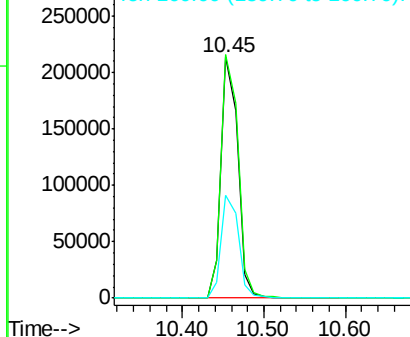


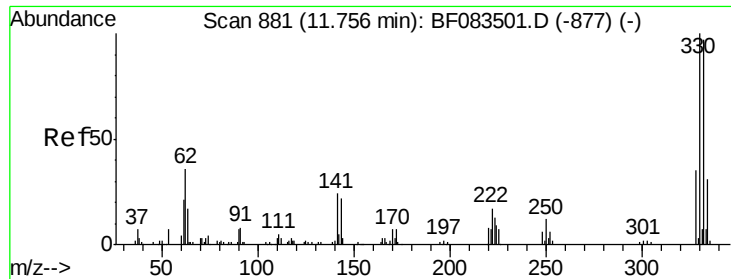
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF083521.D
Acq: 5 Dec 2015 22:48

Tgt Ion:164 Resp: 304454
Ion Ratio Lower Upper
164 100
162 101.1 78.8 118.2
160 42.8 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

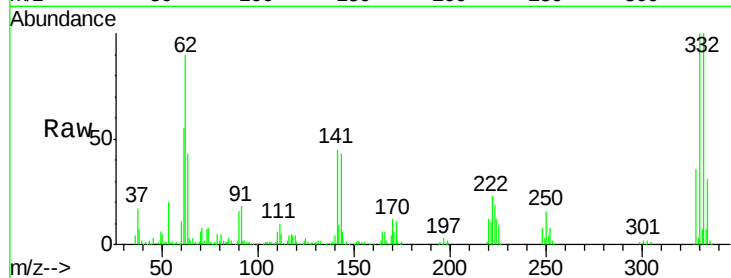




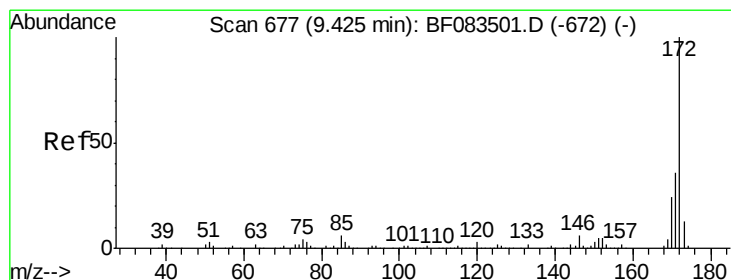
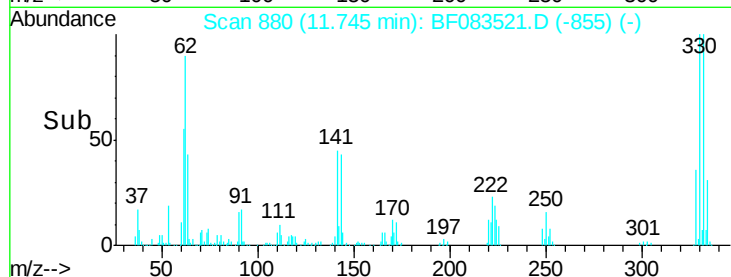
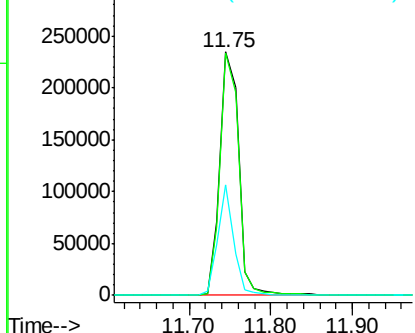
#41
 2,4,6-Tribromophenol
 Concen: 134.71 ng
 RT: 11.75 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF083521.D
 Acq: 5 Dec 2015 22:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	0.0	0.0#
141	38.5	0.0	0.0#

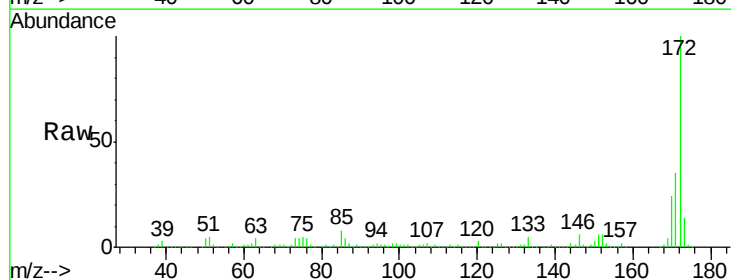


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

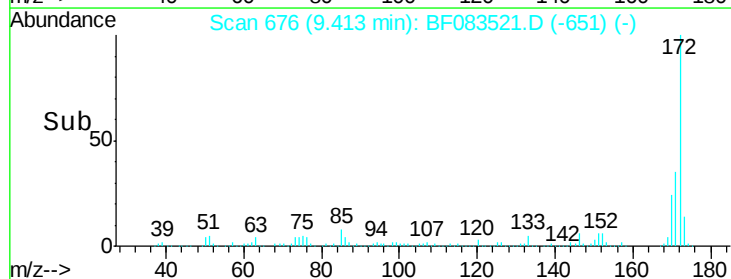
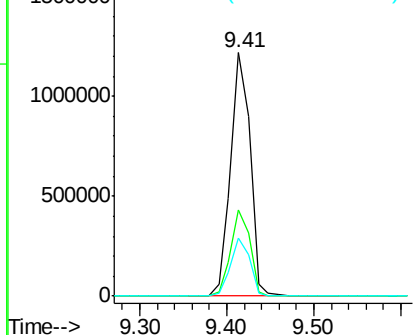


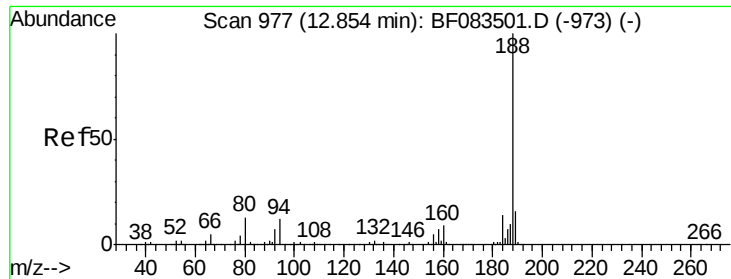
#44
 2-Fluorobiphenyl
 Concen: 84.39 ng
 RT: 9.41 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF083521.D
 Acq: 5 Dec 2015 22:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.9	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

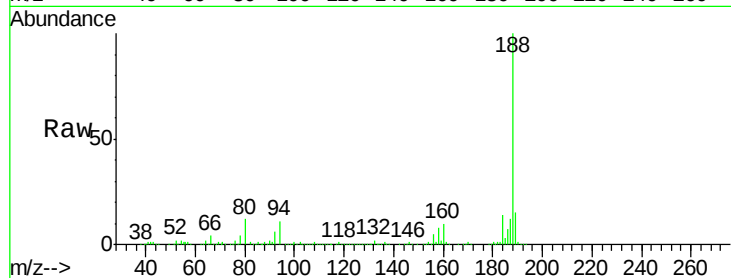




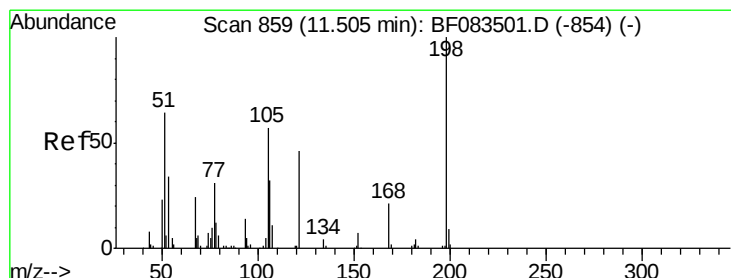
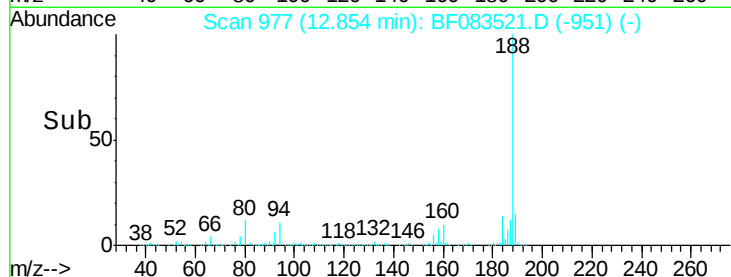
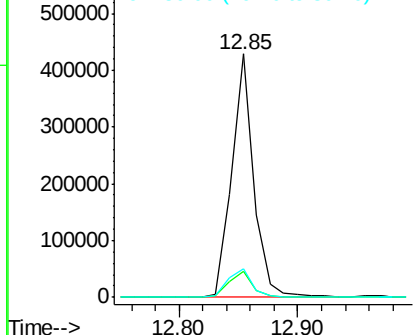
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF083521.D
Acq: 5 Dec 2015 22:48

Instrument :
BNA_F
ClientSampleId :
MW-09

Tot Ion:188 Resp: 547821
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.9 10.6 16.0

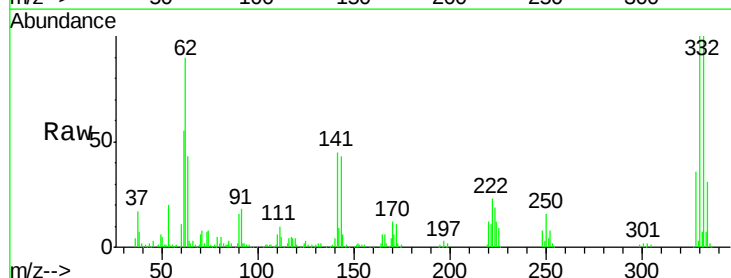


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

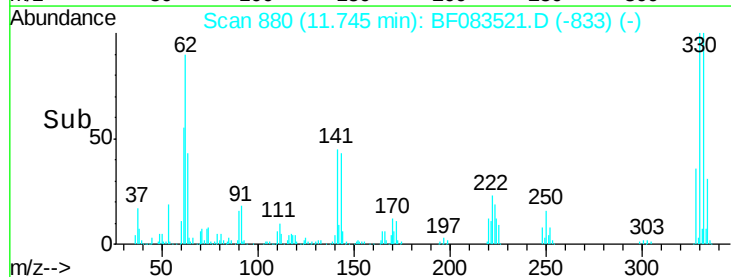
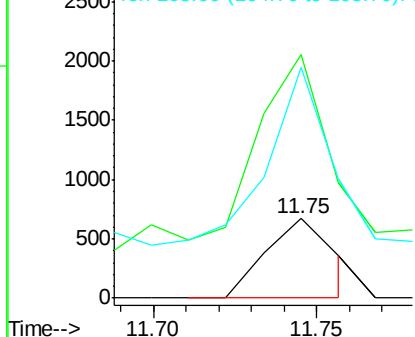


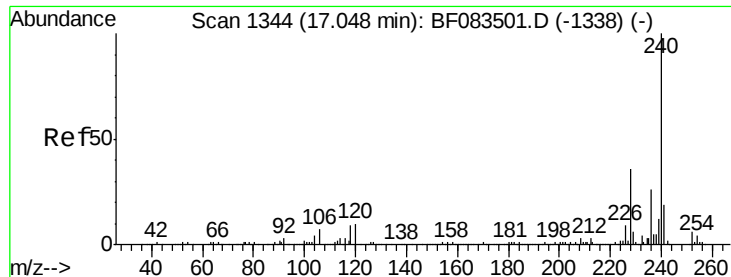
#64
4,6-Dinitro-2-methylphenol
Concen: 3.72 ng
RT: 11.75 min Scan# 880
Delta R.T. 0.24 min
Lab File: BF083521.D
Acq: 5 Dec 2015 22:48

Tgt Ion:198 Resp: 962
Ion Ratio Lower Upper
198 100
51 307.6 53.8 93.8#
105 291.8 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: 17.04 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF083521.D

Acq: 5 Dec 2015 22:48

Instrument :

BNA_F

ClientSampleId :

MW-09

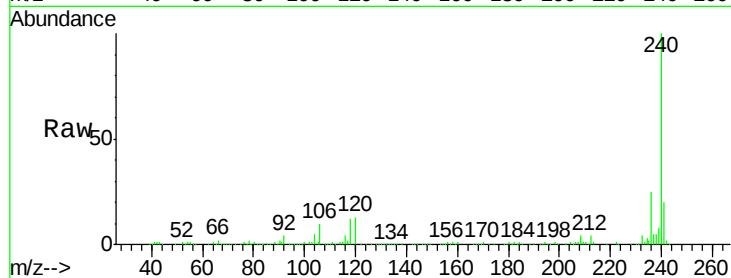
Tot Ion:240 Resp: 421693

Ion Ratio Lower Upper

240 100

120 13.5 8.1 12.1#

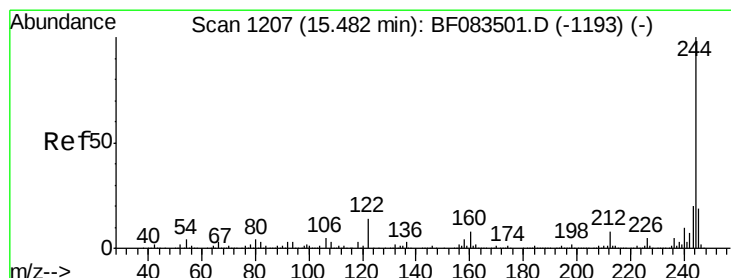
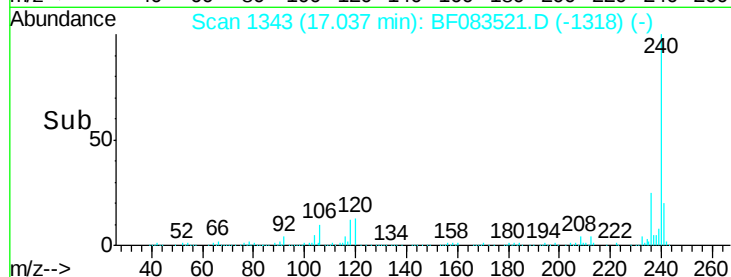
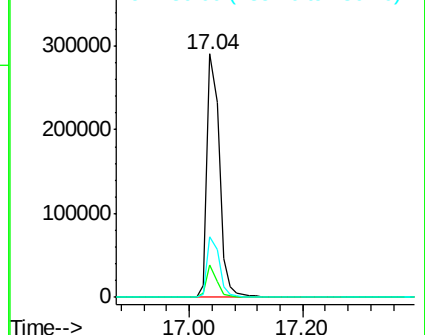
236 24.9 20.8 31.2



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: 91.50 ng

RT: 15.49 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF083521.D

Acq: 5 Dec 2015 22:48

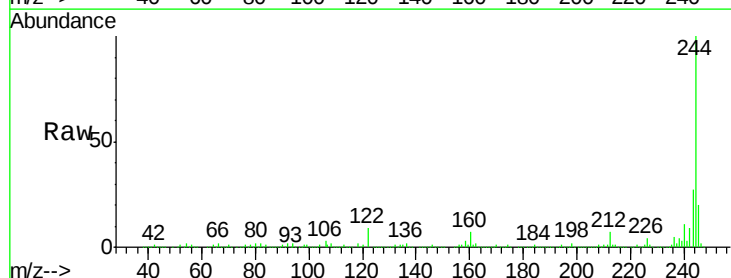
Tgt Ion:244 Resp: 1734031

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

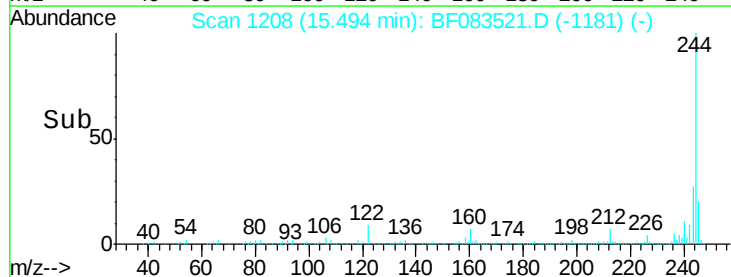
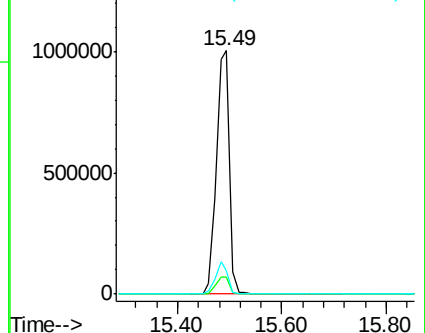
122 9.4 11.0 16.6#

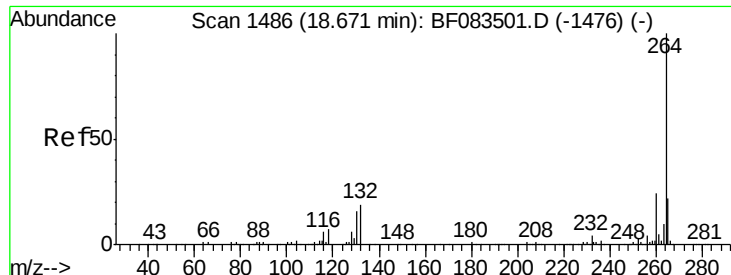


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

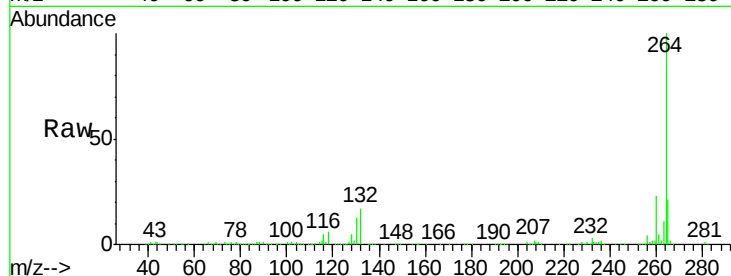




#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.67 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF083521.D
Acq: 5 Dec 2015 22:48

Instrument :
BNA_F
ClientSampleId :
MW-09

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	21.5	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

