

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
 Data File : BF083198.D
 Acq On : 23 Nov 2015 11:41
 Operator : UM/IZ
 Sample : G4437-08
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Nov 24 04:27:39 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

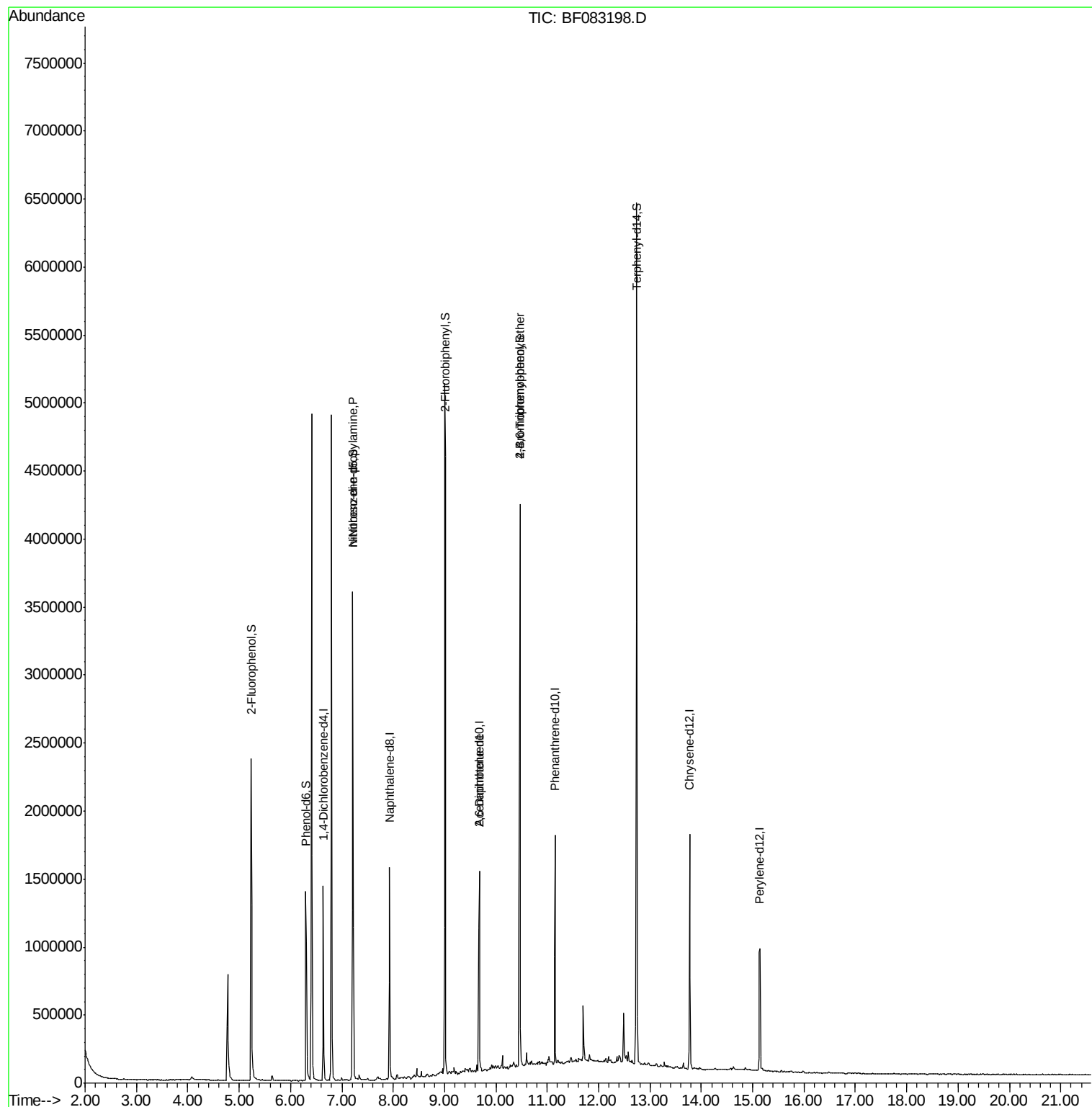
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	211312	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	783051	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	382627	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	707508	20.00	ng	-0.02
75) Chrysene-d12	13.77	240	636137	20.00	ng	-0.03
86) Perylene-d12	15.14	264	513057	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	792190	56.68	ng	-0.04
7) Phenol-d6	6.30	99	672967	37.21	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1483931	86.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	523259	133.67	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	2490992	90.78	ng	-0.01
78) Terphenyl-d14	12.74	244	2211379	81.86	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.21	70	204227	16.23	ng	# 77
50) 2,6-Dinitrotoluene	9.68	165	49803	7.53	ng	# 14
66) 4-Bromophenyl-phenylether	10.47	248	39069	4.98	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083198.D
Acq On : 23 Nov 2015 11:41
Operator : UM/IZ
Sample : G4437-08
Misc :
ALS Vial : 81 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 24 04:27:39 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF083198.D

Acq: 23 Nov 2015 11:41

Instrument :

BNA_F

ClientSampleId :

DFTPP

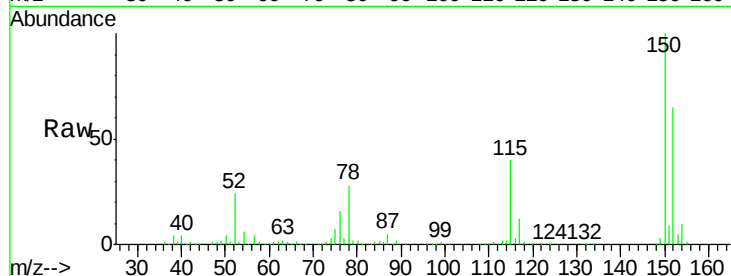
Tgt Ion:152 Resp: 211312

Ion Ratio Lower Upper

152 100

150 153.7 125.8 188.8

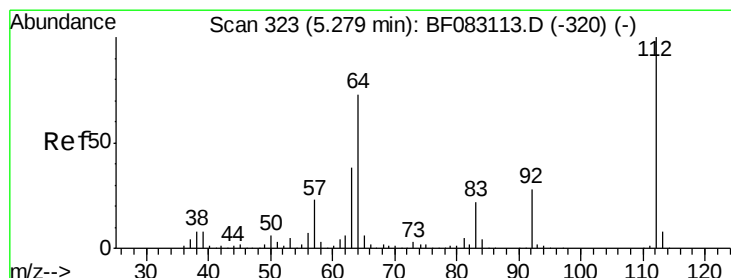
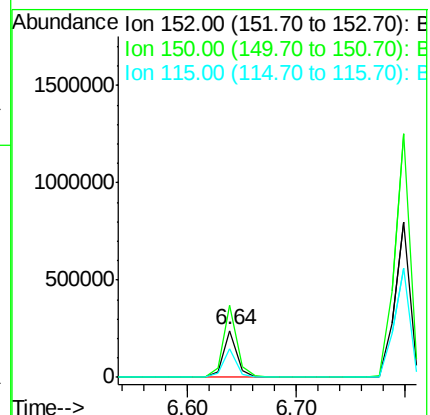
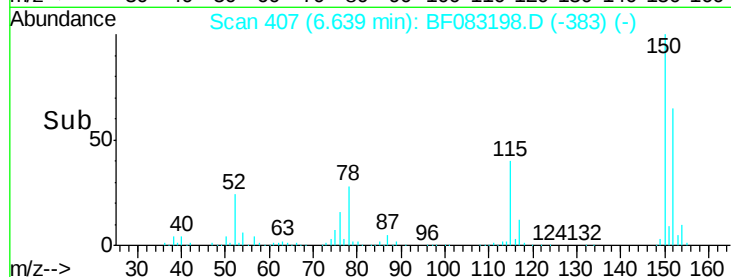
115 62.1 46.9 70.3



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: 56.68 ng

RT: 5.23 min Scan# 284

Delta R.T. -0.04 min

Lab File: BF083198.D

Acq: 23 Nov 2015 11:41

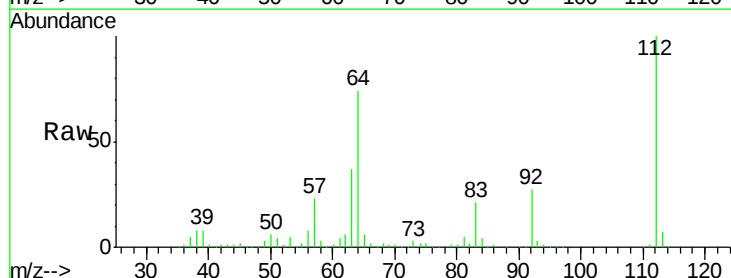
Tgt Ion:112 Resp: 792190

Ion Ratio Lower Upper

112 100

64 74.3 58.4 87.6

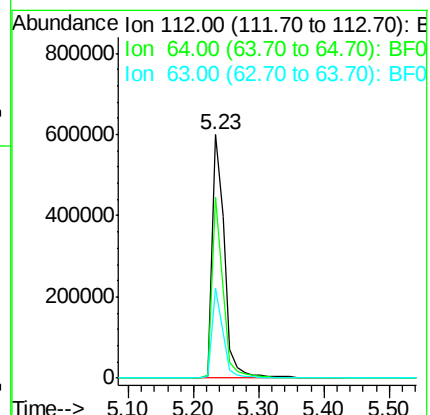
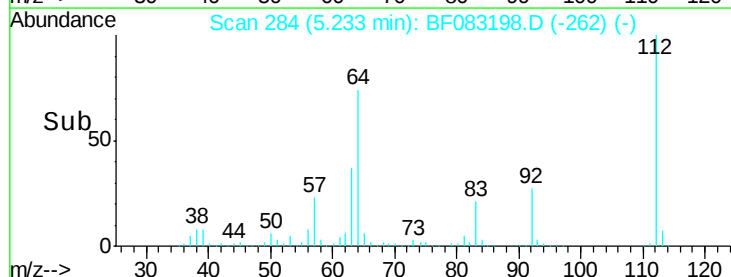
63 36.7 30.0 45.0



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: 37.21 ng

RT: 6.30 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF083198.D

Acq: 23 Nov 2015 11:41

Instrument :

BNA_F

ClientSampleId :

DFTPP

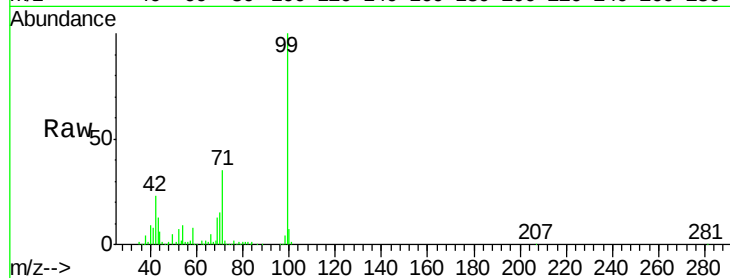
Tgt Ion: 99 Resp: 672967

Ion Ratio Lower Upper

99 100

42 23.3 17.7 26.5

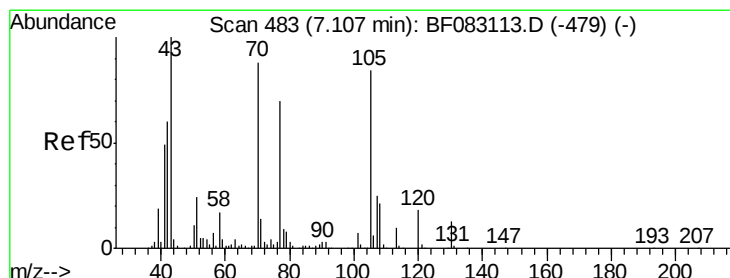
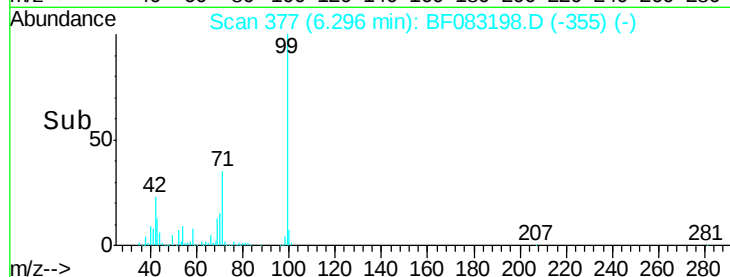
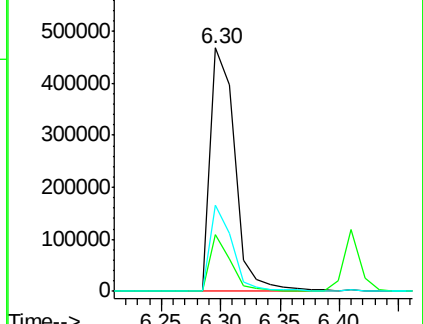
71 35.2 30.2 45.4



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: 16.23 ng

RT: 7.21 min Scan# 457

Delta R.T. 0.10 min

Lab File: BF083198.D

Acq: 23 Nov 2015 11:41

Tgt Ion: 70 Resp: 204227

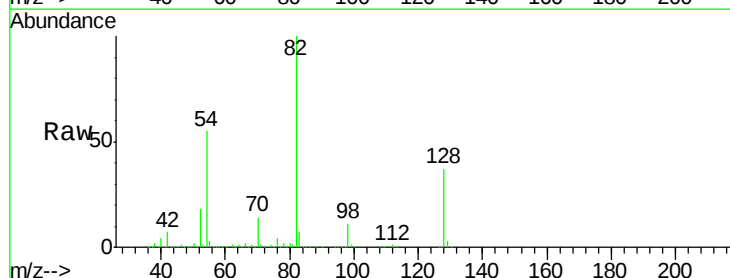
Ion Ratio Lower Upper

70 100

42 50.8 54.5 81.7#

101 0.0 6.6 9.8#

130 1.8 11.5 17.3#

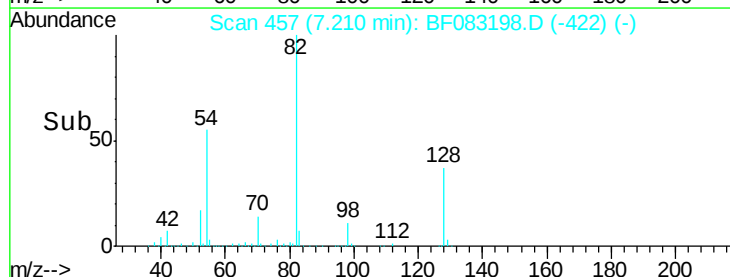
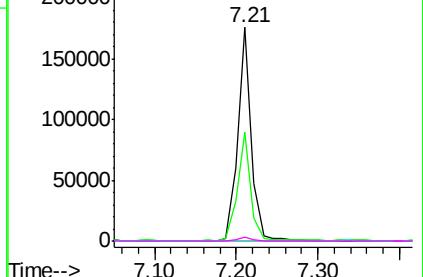


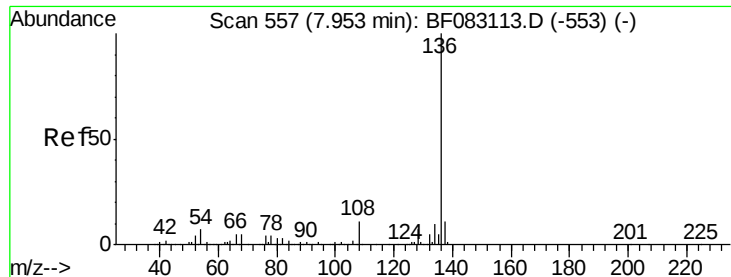
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.93 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF083198.D

Acq: 23 Nov 2015 11:41

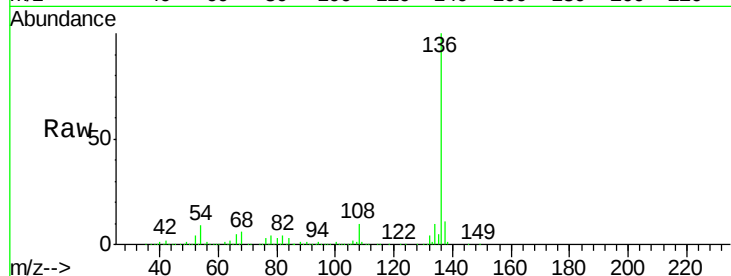
Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion:	136	Resp:	783051
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.6	5.8	8.6
68	6.4	3.8	5.8#

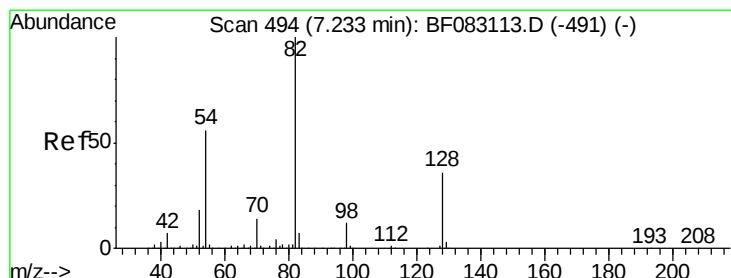
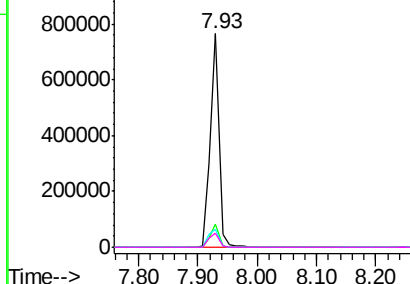
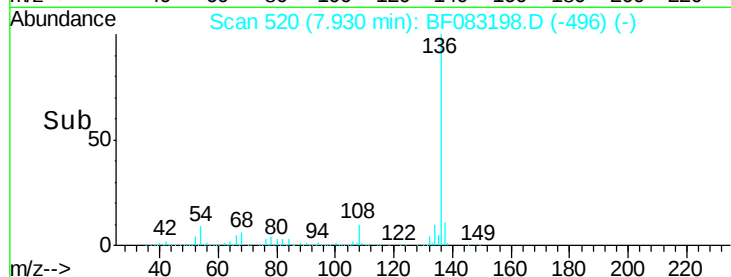


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.59 ng

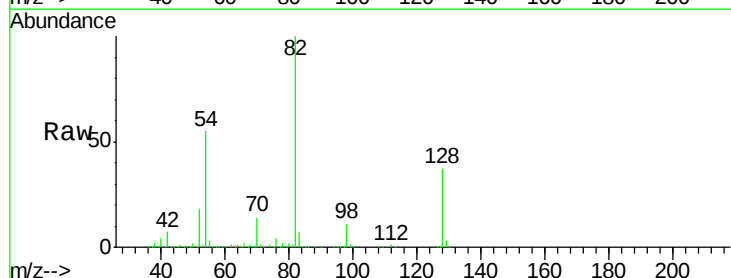
RT: 7.21 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF083198.D

Acq: 23 Nov 2015 11:41

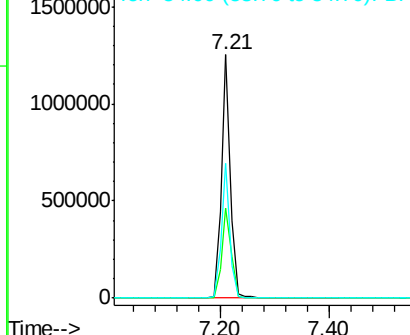
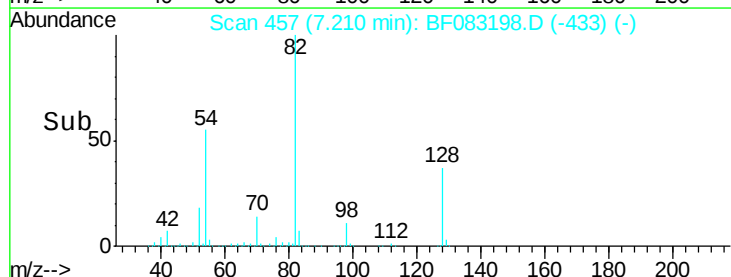
Tgt Ion:	82	Resp:	1483931
Ion	Ratio	Lower	Upper
82	100		
128	37.1	28.5	42.7
54	55.2	44.6	67.0

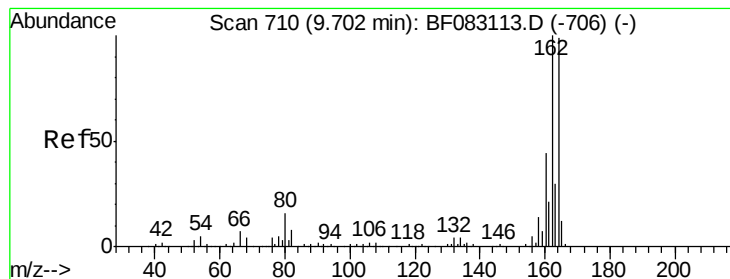


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.68 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF083198.D

Acq: 23 Nov 2015 11:41

Instrument :

BNA_F

ClientSampleId :

DFTPP

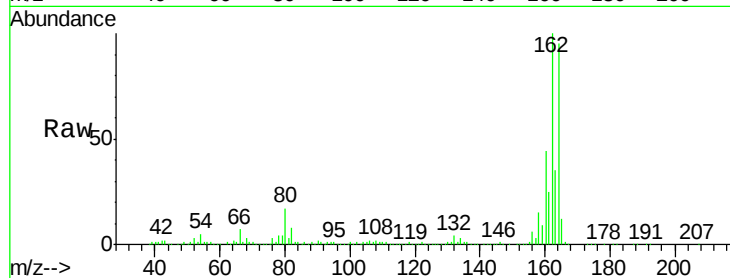
Tgt Ion:164 Resp: 382627

Ion Ratio Lower Upper

164 100

162 104.9 81.2 121.8

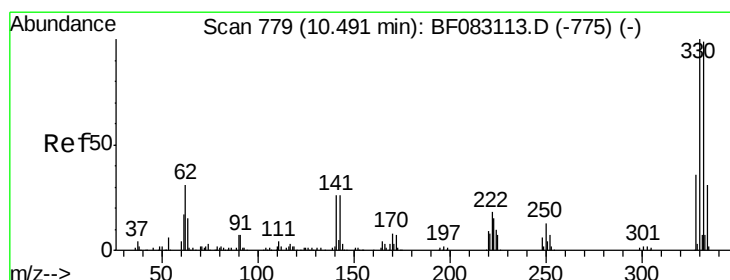
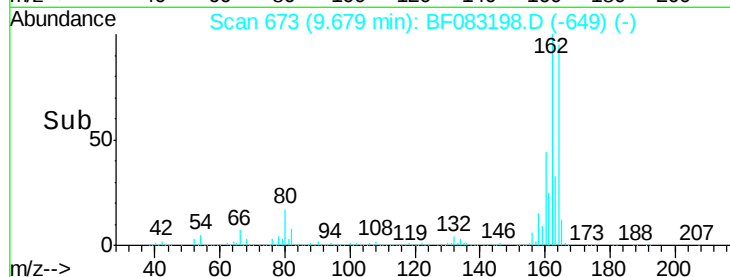
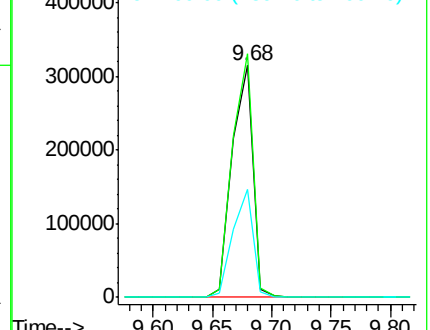
160 46.5 35.6 53.4



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: 133.67 ng

RT: 10.47 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF083198.D

Acq: 23 Nov 2015 11:41

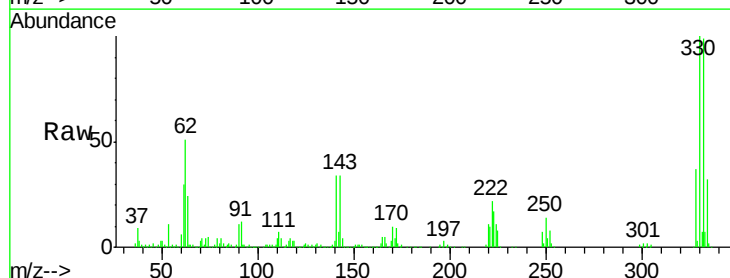
Tgt Ion:330 Resp: 523259

Ion Ratio Lower Upper

330 100

332 98.2 77.7 116.5

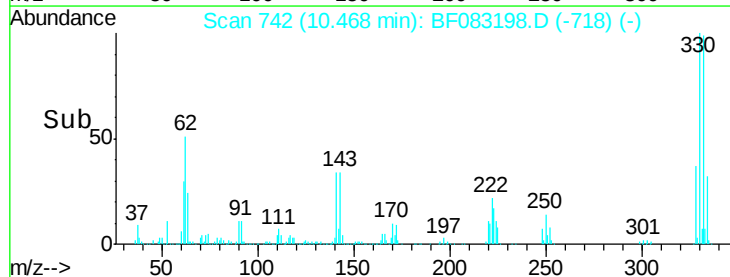
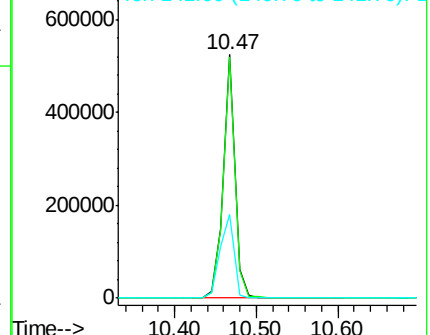
141 41.0 29.7 44.5

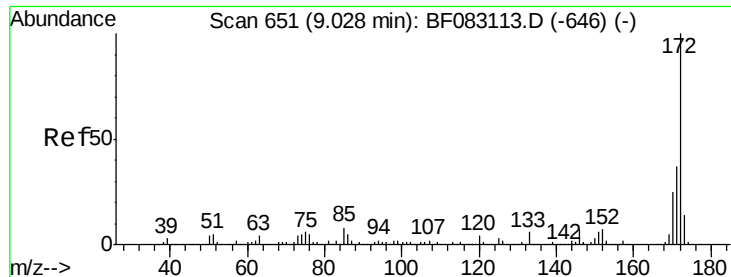


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

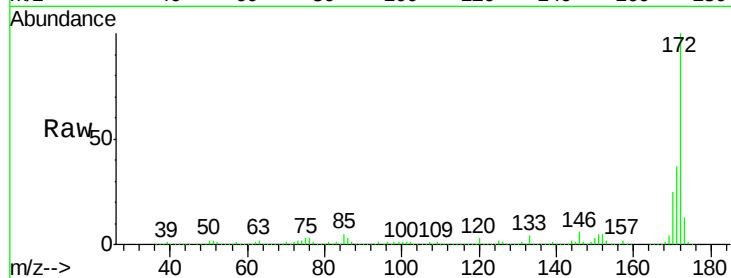




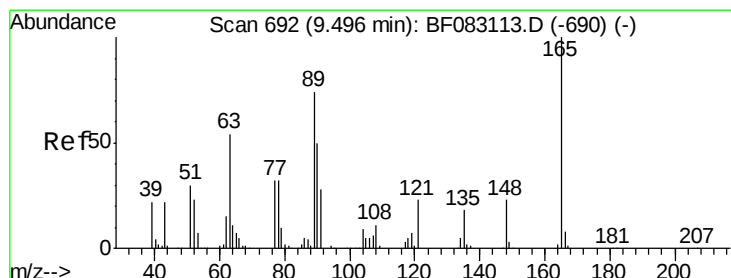
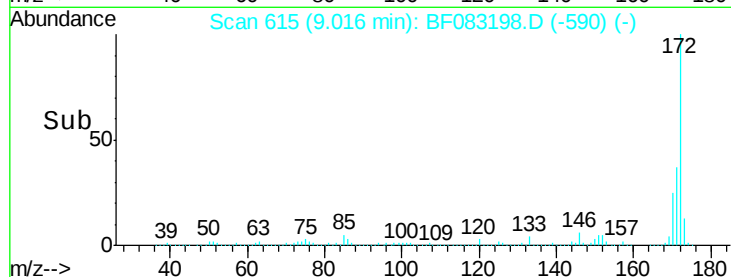
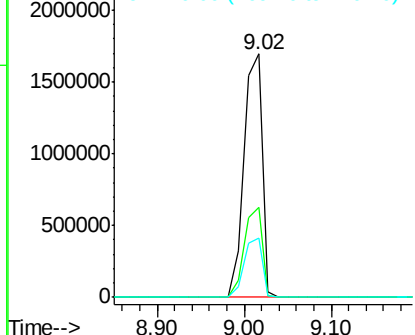
#44
 2-Fluorobiphenyl
 Concen: 90.78 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083198.D
 Acq: 23 Nov 2015 11:41

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:172 Resp: 2490992
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.5 44.3
 170 24.6 19.9 29.9

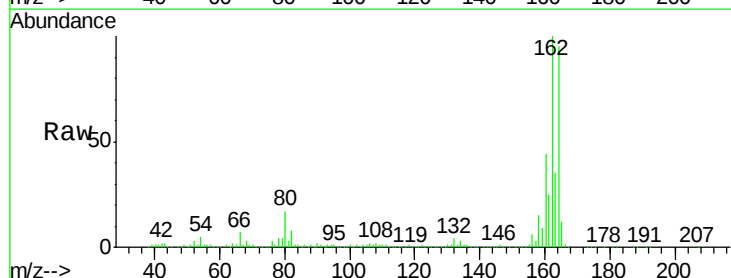


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

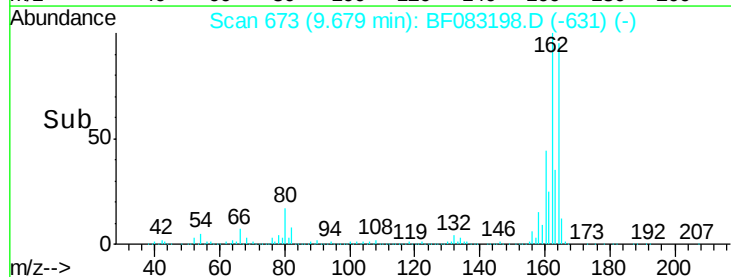
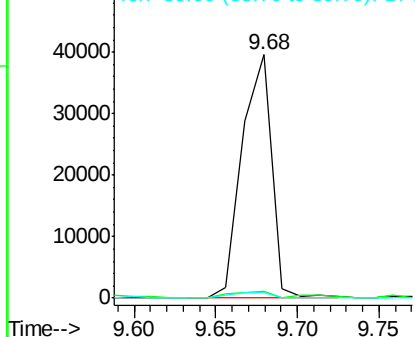


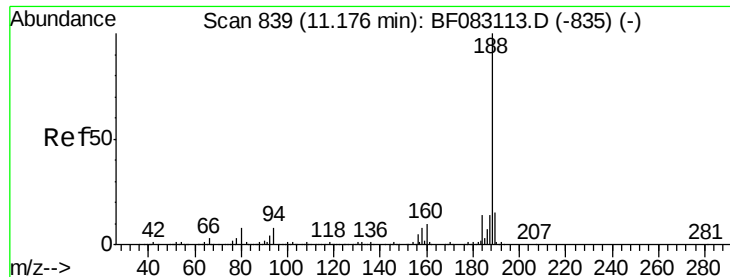
#50
 2,6-Dinitrotoluene
 Concen: 7.53 ng
 RT: 9.68 min Scan# 673
 Delta R.T. 0.18 min
 Lab File: BF083198.D
 Acq: 23 Nov 2015 11:41

Tgt Ion:165 Resp: 49803
 Ion Ratio Lower Upper
 165 100
 63 2.5 62.5 93.7#
 89 2.3 59.1 88.7#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 802

Delta R.T. -0.02 min

Lab File: BF083198.D

Acq: 23 Nov 2015 11:41

Instrument :

BNA_F

ClientSampleId :

DFTPP

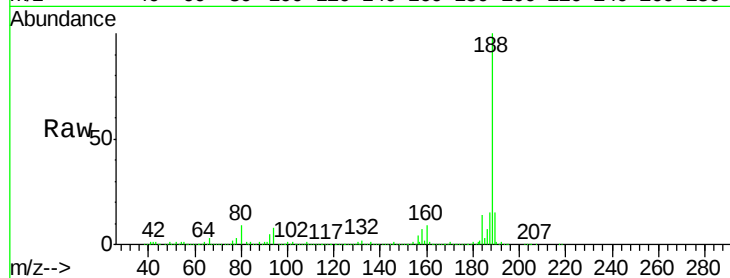
Tgt Ion:188 Resp: 707508

Ion Ratio Lower Upper

188 100

94 8.2 6.0 9.0

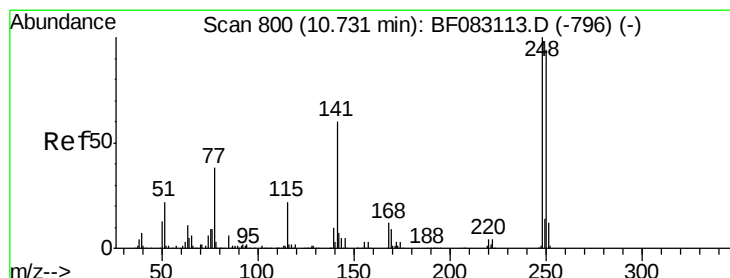
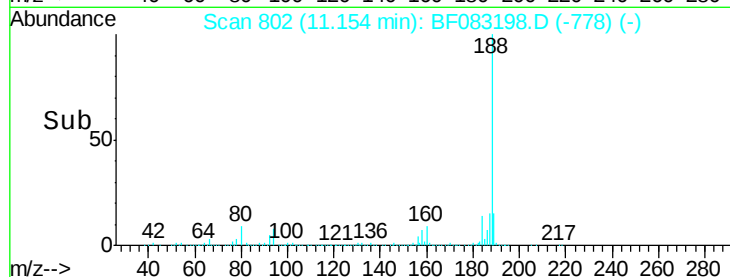
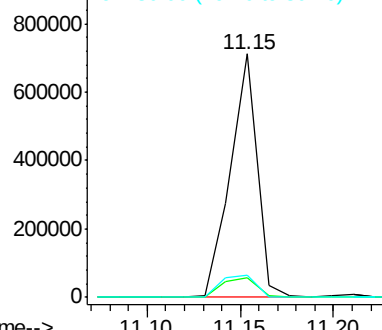
80 9.2 6.7 10.1



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



#66

4-Bromophenyl-phenylether

Concen: 4.98 ng

RT: 10.47 min Scan# 742

Delta R.T. -0.26 min

Lab File: BF083198.D

Acq: 23 Nov 2015 11:41

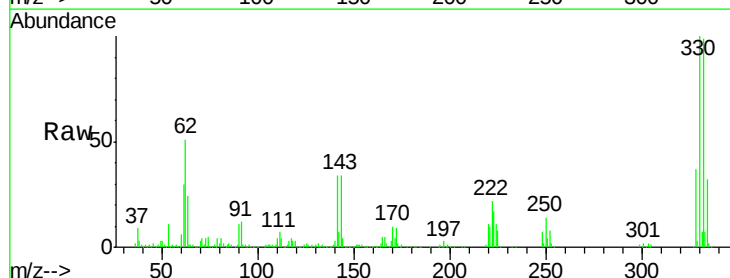
Tgt Ion:248 Resp: 39069

Ion Ratio Lower Upper

248 100

250 198.4 75.4 113.2#

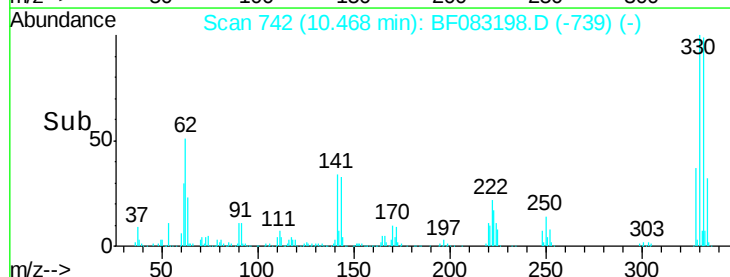
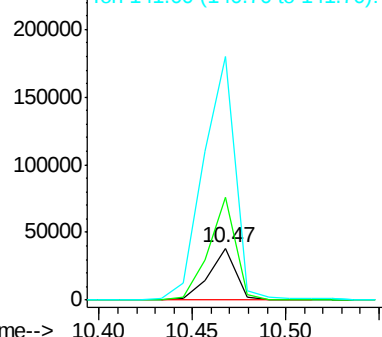
141 471.0 48.1 72.1#

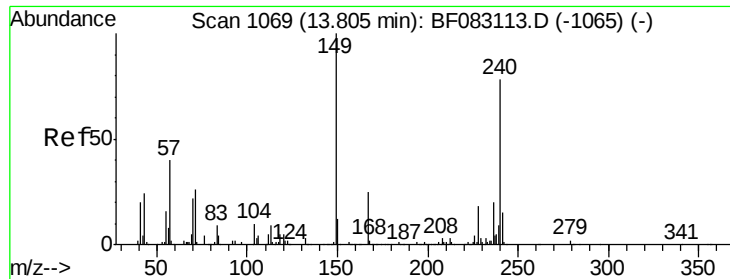


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1031

Delta R.T. -0.03 min

Lab File: BF083198.D

Acq: 23 Nov 2015 11:41

Instrument :

BNA_F

ClientSampleId :

DFTPP

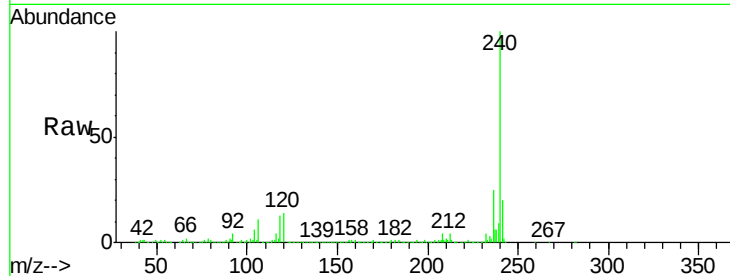
Tgt Ion:240 Resp: 636137

Ion Ratio Lower Upper

240 100

120 14.4 5.4 8.2#

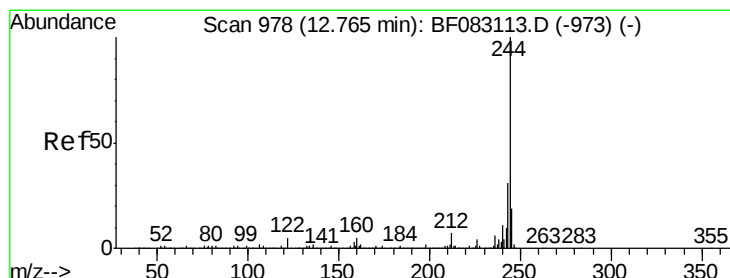
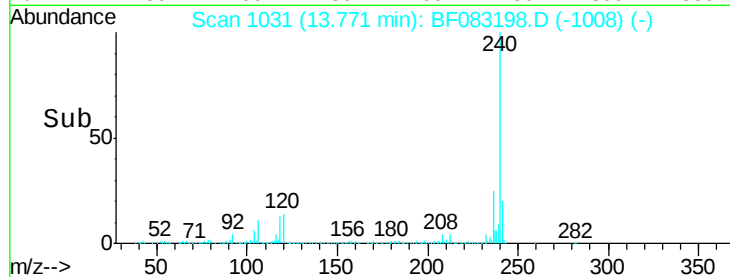
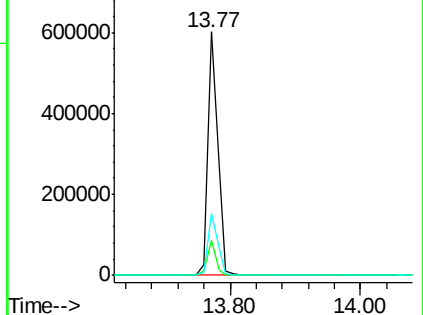
236 25.3 20.6 31.0



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: 81.86 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083198.D

Acq: 23 Nov 2015 11:41

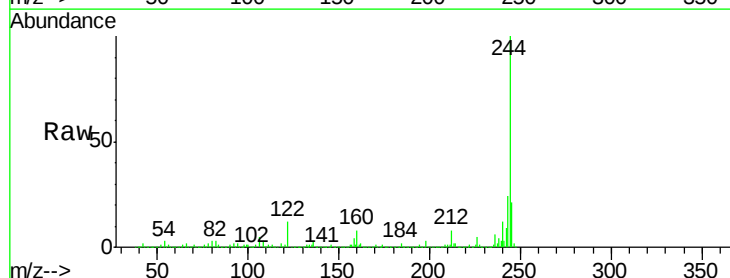
Tgt Ion:244 Resp: 2211379

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.2

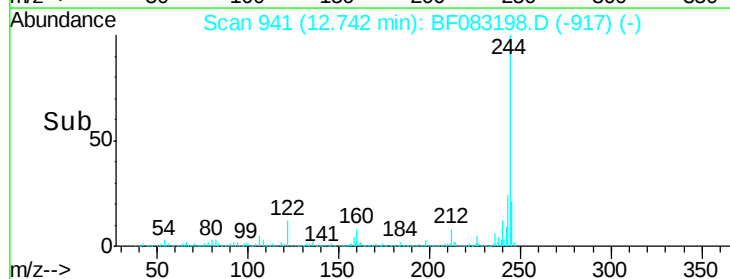
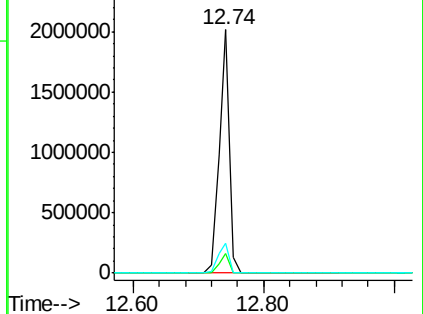
122 12.3 4.3 6.5#

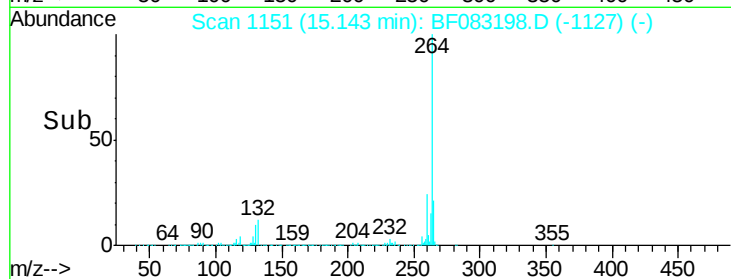
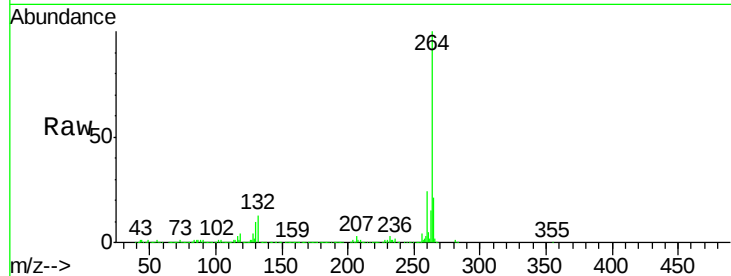
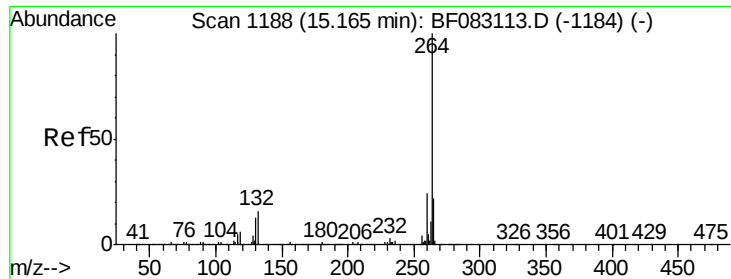


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.14 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF083198.D

Acq: 23 Nov 2015 11:41

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion: 264 Resp: 513057

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 20.6 18.2 27.4

