

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
 Data File : BF077845.D
 Acq On : 19 Mar 2015 22:08
 Operator : TP/IZ
 Sample : PB82188BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82188BL

Quant Time: Mar 20 00:18:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 00:59:44 2015
 Response via : Initial Calibration

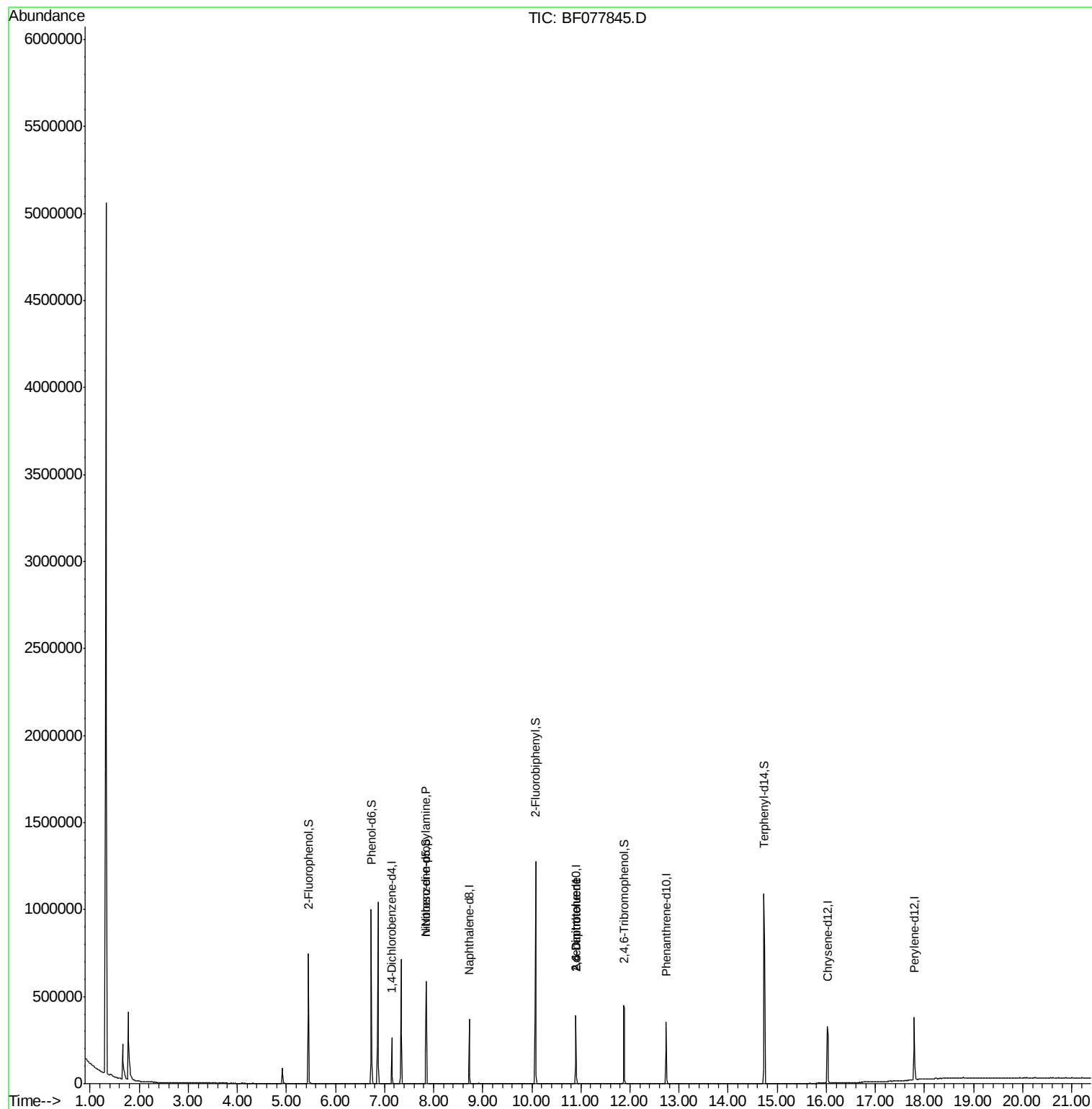
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	41977	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	168758	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	82598	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	165731	20.00	ng	0.00
75) Chrysene-d12	16.02	240	174715	20.00	ng	-0.01
86) Perylene-d12	17.79	264	168006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	269283	111.98	ng	0.01
7) Phenol-d6	6.73	99	331205	111.47	ng	0.00
23) Nitrobenzene-d5	7.85	82	193713	75.24	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	79352	100.41	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	424252	75.48	ng	0.00
78) Terphenyl-d14	14.73	244	494292	69.11	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.85	70	24130	11.74	ng	# 78
50) 2,6-Dinitrotoluene	10.90	165	10414	8.20	ng	# 24
56) 2,4-Dinitrotoluene	10.90	165	8133	4.91	ng	# 11

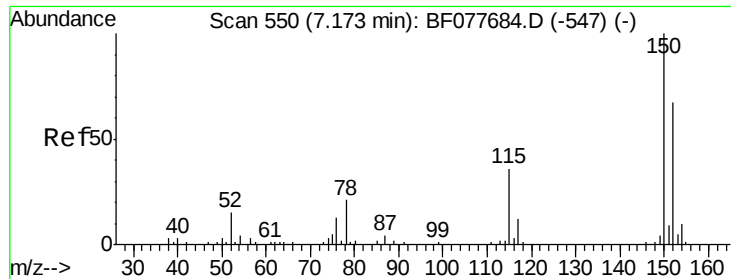
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.15 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF077845.D

Acq: 19 Mar 2015 22:08

Instrument :

BNA_F

ClientSampleId :

PB82188BL

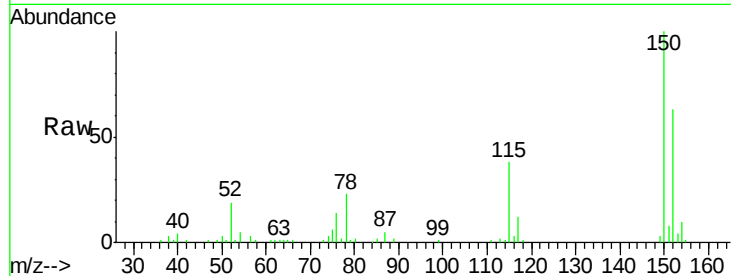
Tgt Ion:152 Resp: 41977

Ion Ratio Lower Upper

152 100

150 159.6 119.5 179.3

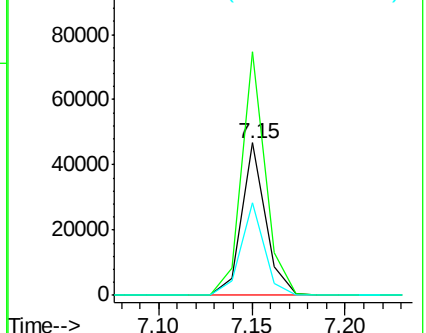
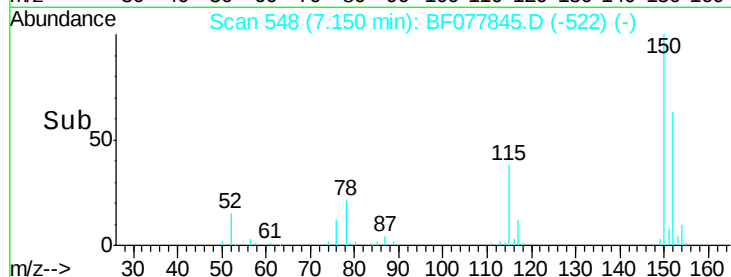
115 60.8 43.0 64.4



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: 111.98 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077845.D

Acq: 19 Mar 2015 22:08

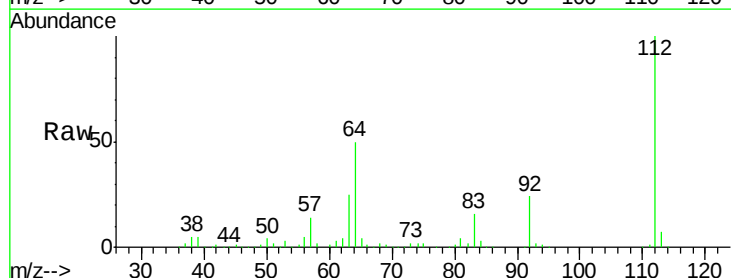
Tgt Ion:112 Resp: 269283

Ion Ratio Lower Upper

112 100

64 49.7 38.6 57.8

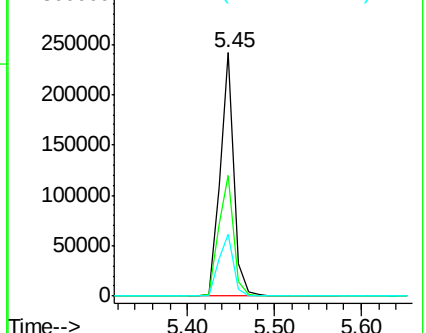
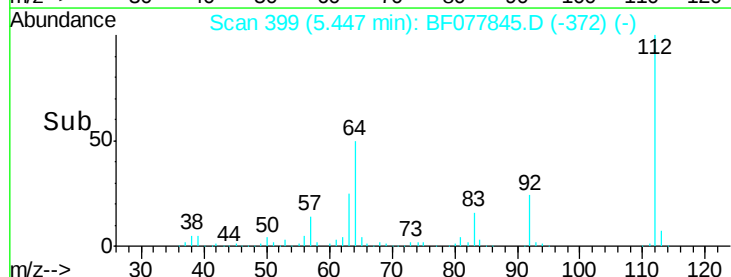
63 25.2 19.3 28.9

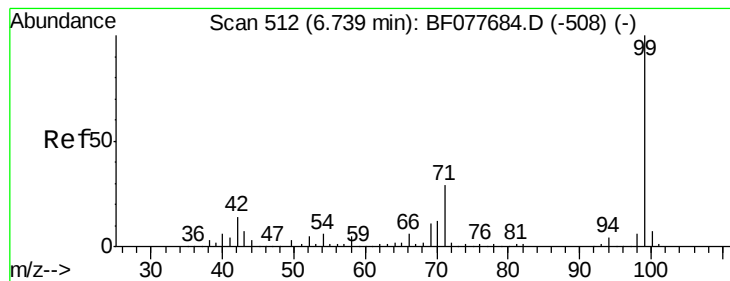


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.47 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077845.D

Acq: 19 Mar 2015 22:08

Instrument :

BNA_F

ClientSampleId :

PB82188BL

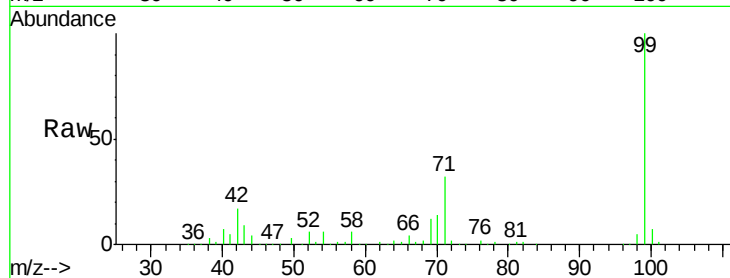
Tgt Ion: 99 Resp: 331205

Ion Ratio Lower Upper

99 100

42 16.7 11.0 16.4#

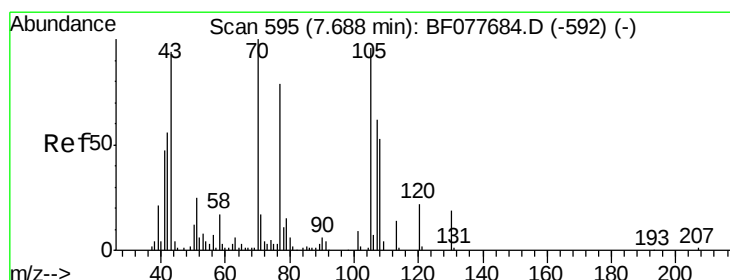
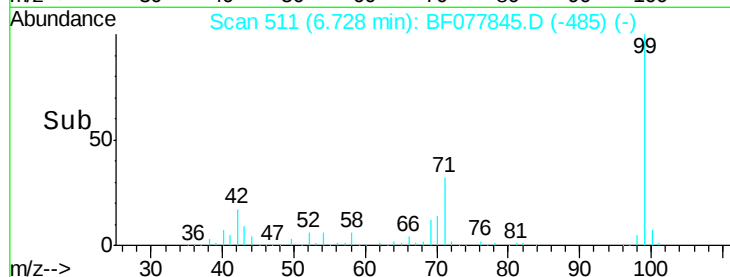
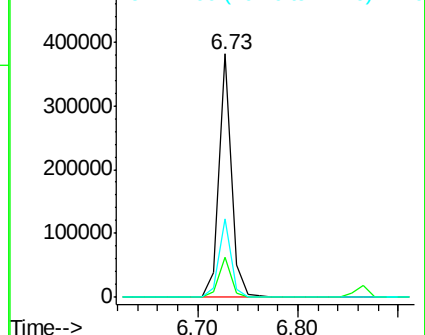
71 32.3 23.4 35.2



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: 11.74 ng

RT: 7.85 min Scan# 609

Delta R.T. 0.17 min

Lab File: BF077845.D

Acq: 19 Mar 2015 22:08

Tgt Ion: 70 Resp: 24130

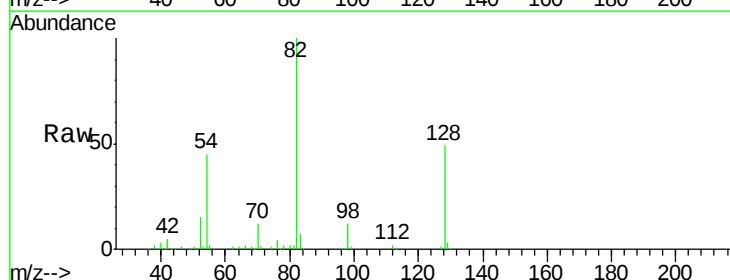
Ion Ratio Lower Upper

70 100

42 43.9 44.5 66.7#

101 0.0 7.4 11.2#

130 2.1 15.3 22.9#

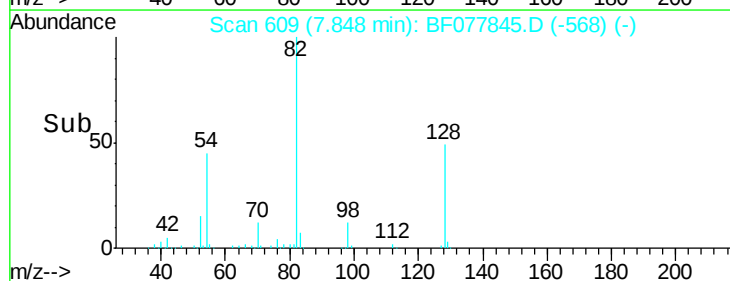
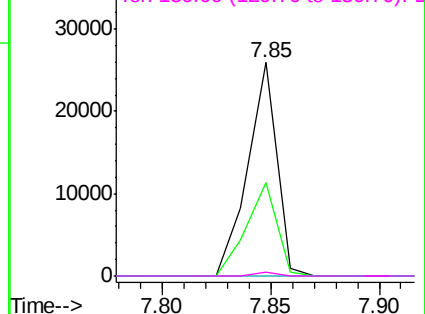


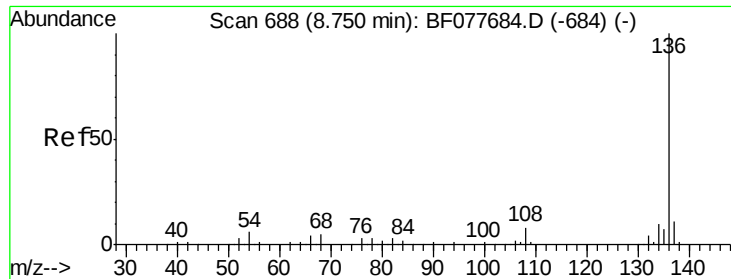
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

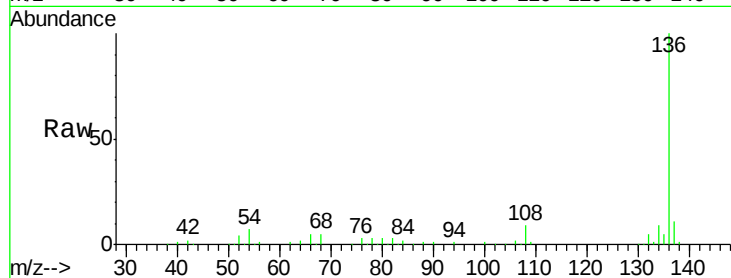




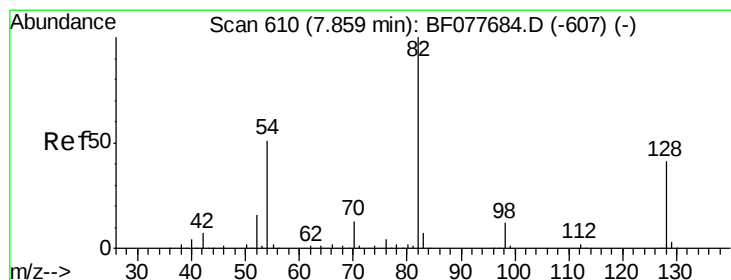
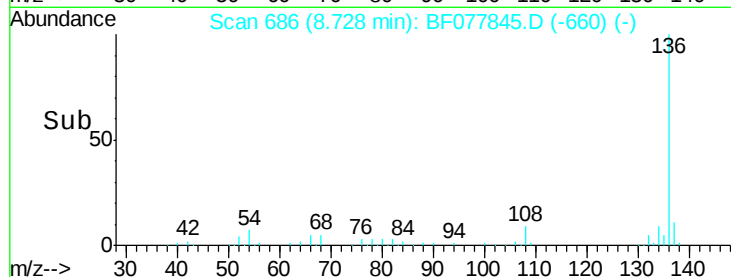
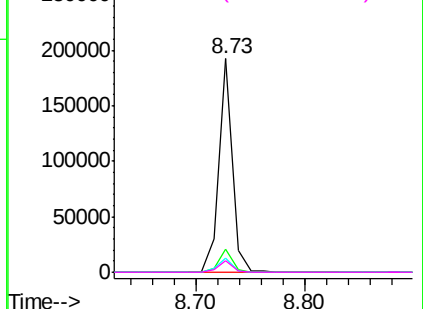
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF077845.D
Acq: 19 Mar 2015 22:08

Instrument :
BNA_F
ClientSampleId :
PB82188BL

Tgt Ion:	136	Resp:	168758
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.8	4.6	6.8
68	5.5	3.7	5.5

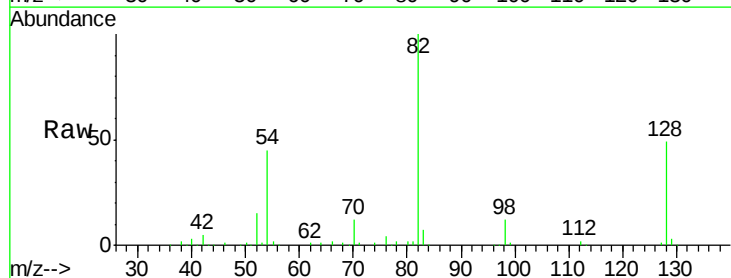


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

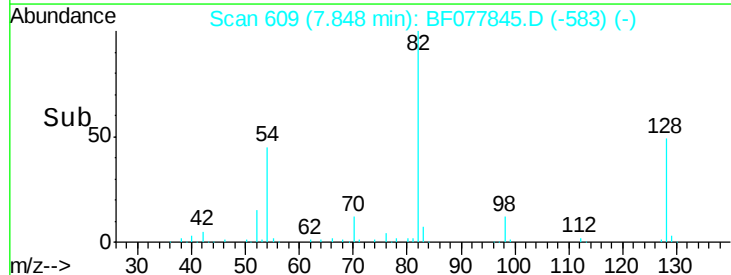
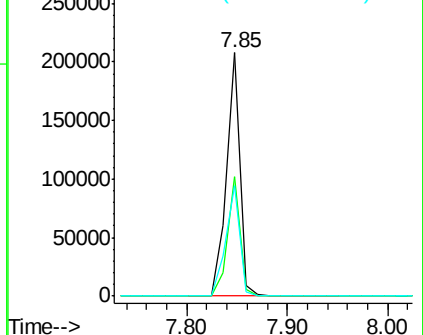


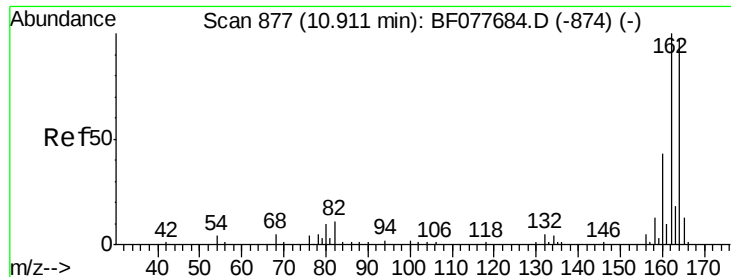
#23
Nitrobenzene-d5
Concen: 75.24 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF077845.D
Acq: 19 Mar 2015 22:08

Tgt Ion:	82	Resp:	193713
Ion	Ratio	Lower	Upper
82	100		
128	49.2	32.8	49.2#
54	45.4	40.6	60.8



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

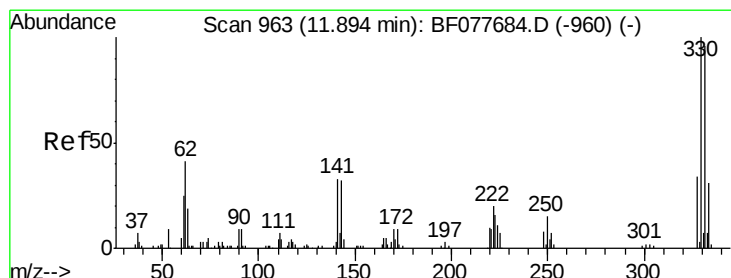
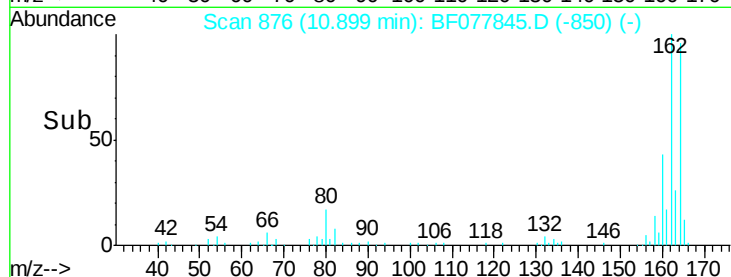
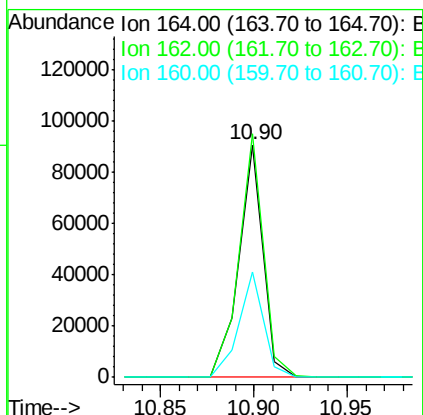
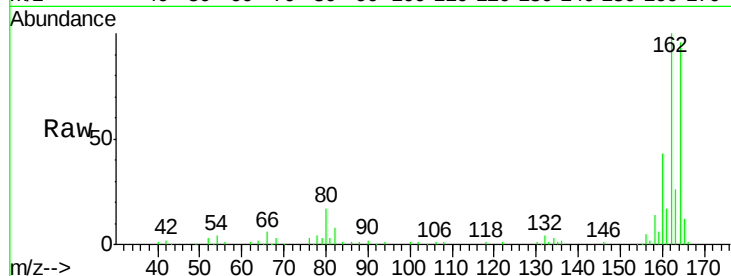




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF077845.D
 Acq: 19 Mar 2015 22:08

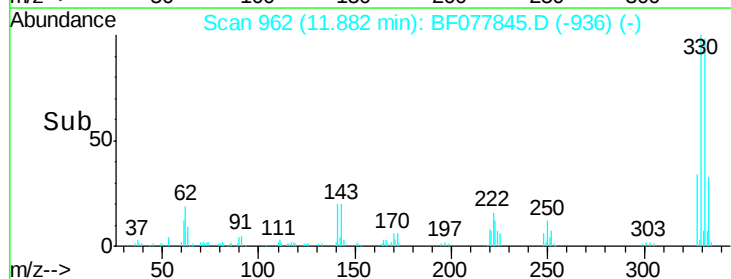
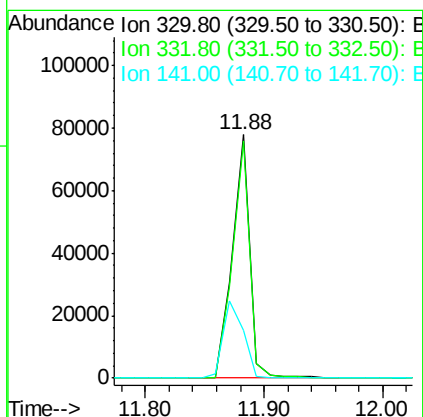
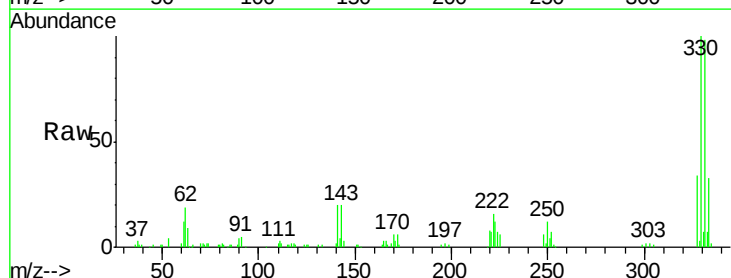
Instrument :
 BNA_F
 ClientSampleId :
 PB82188BL

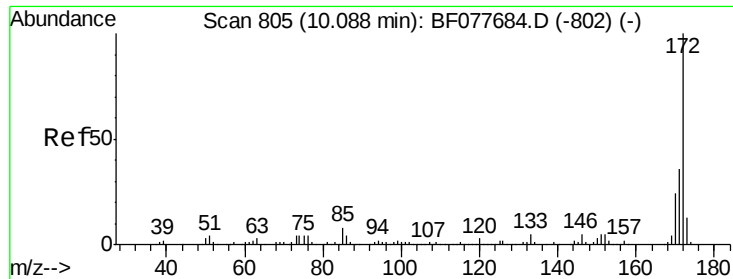
Tgt Ion:164 Resp: 82598
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.4 123.6
 160 45.2 35.8 53.6



#41
 2,4,6-Tribromophenol
 Concen: 100.41 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077845.D
 Acq: 19 Mar 2015 22:08

Tgt Ion:330 Resp: 79352
 Ion Ratio Lower Upper
 330 100
 332 97.6 0.0 0.0#
 141 36.3 0.0 0.0#

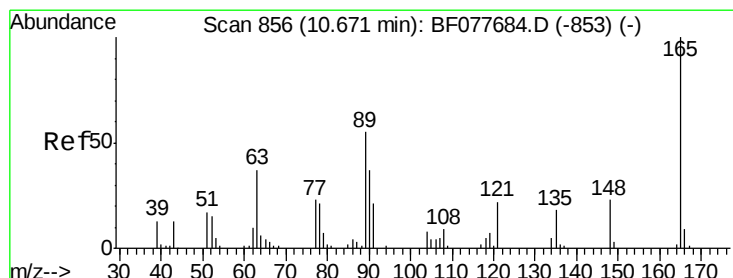
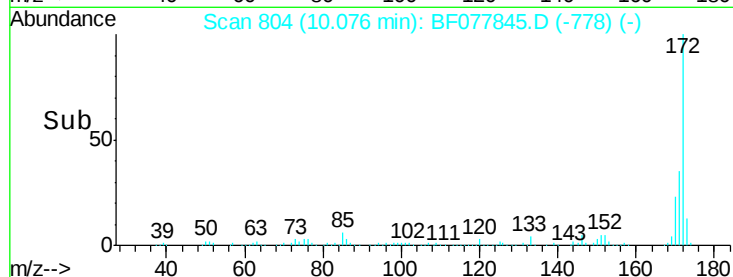
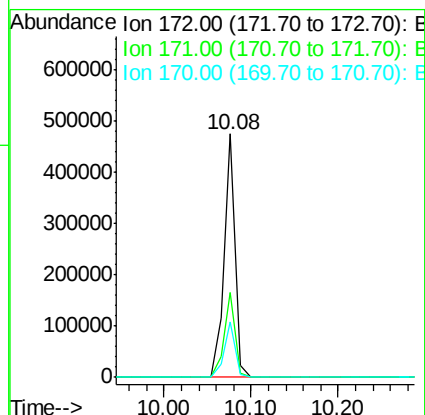
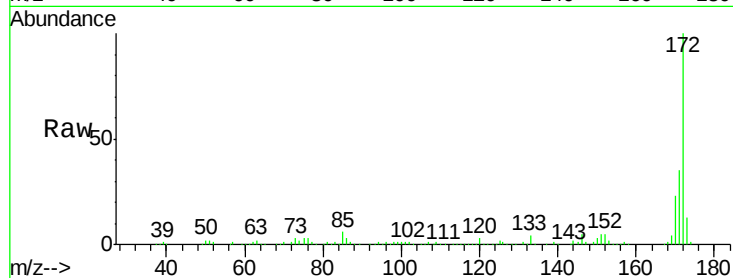




#44
 2-Fluorobiphenyl
 Concen: 75.48 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF077845.D
 Acq: 19 Mar 2015 22:08

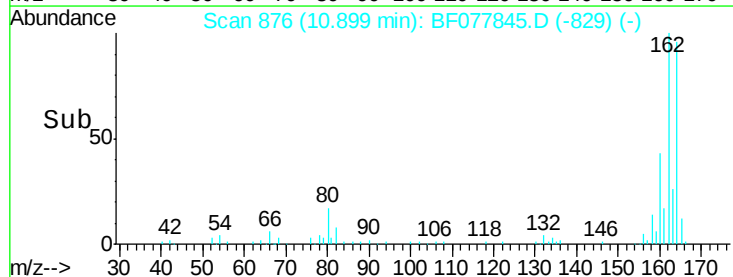
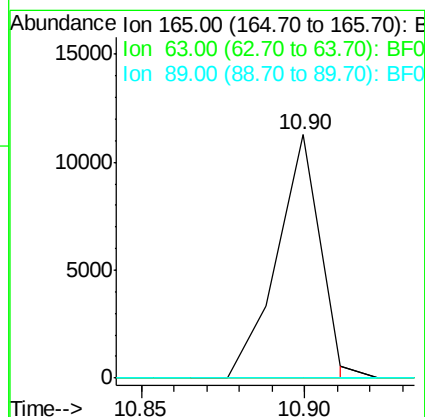
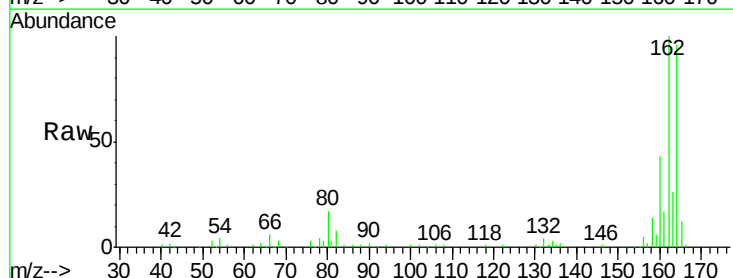
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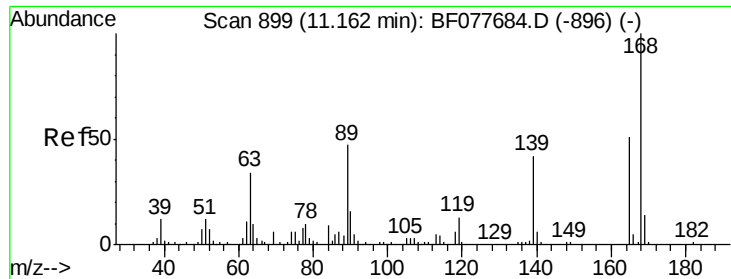
Tgt Ion:172 Resp: 424252
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.0 18.8 28.2



#50
 2,6-Dinitrotoluene
 Concen: 8.20 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.24 min
 Lab File: BF077845.D
 Acq: 19 Mar 2015 22:08

Tgt Ion:165 Resp: 10414
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.3 66.5#

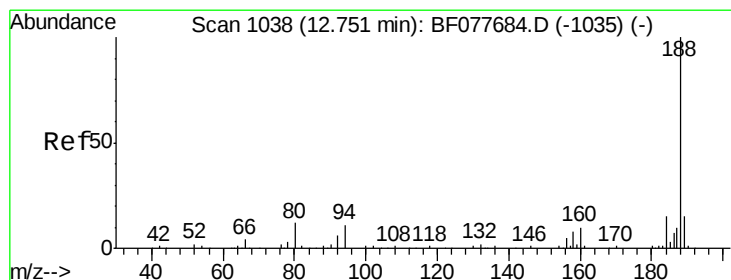
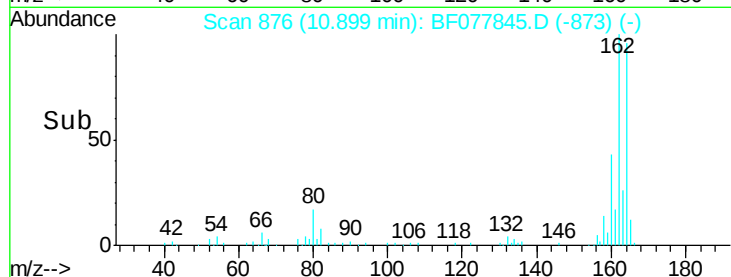
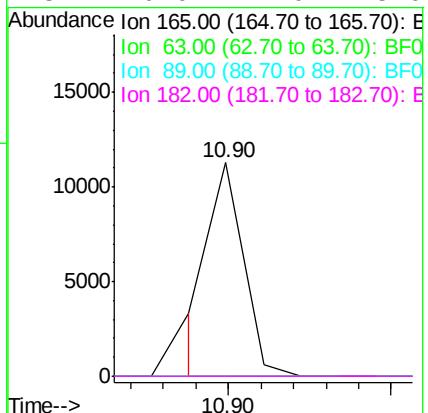
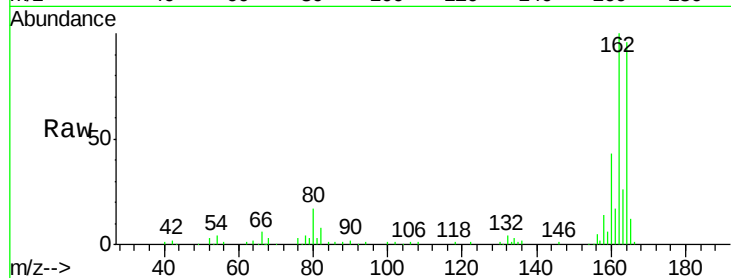




#56
 2,4-Dinitrotoluene
 Concen: 4.91 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.26 min
 Lab File: BF077845.D
 Acq: 19 Mar 2015 22:08

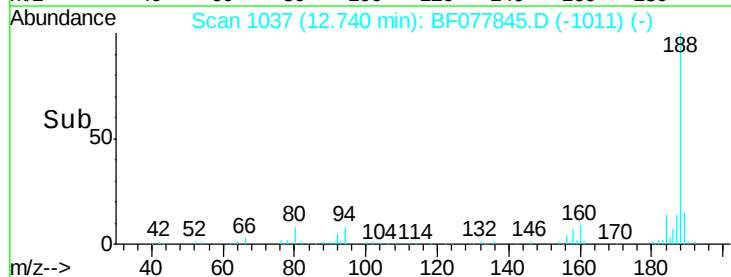
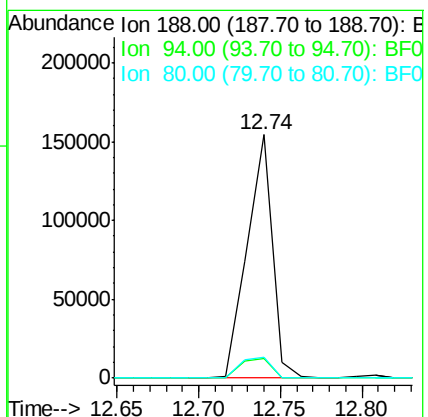
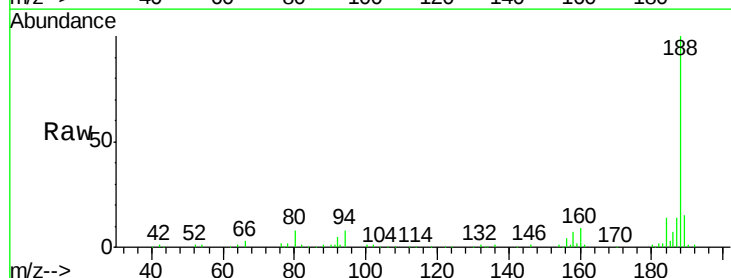
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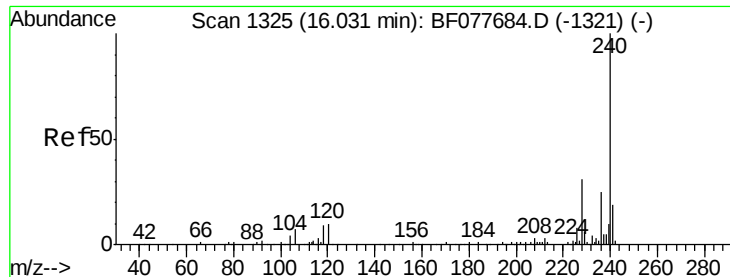
Tgt Ion:165 Resp: 8133
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.4 78.6#
 89 0.0 72.4 108.6#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF077845.D
 Acq: 19 Mar 2015 22:08

Tgt Ion:188 Resp: 165731
 Ion Ratio Lower Upper
 188 100
 94 8.0 8.7 13.1#
 80 8.4 9.3 13.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.02 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF077845.D

Acq: 19 Mar 2015 22:08

Instrument :

BNA_F

ClientSampleId :

PB82188BL

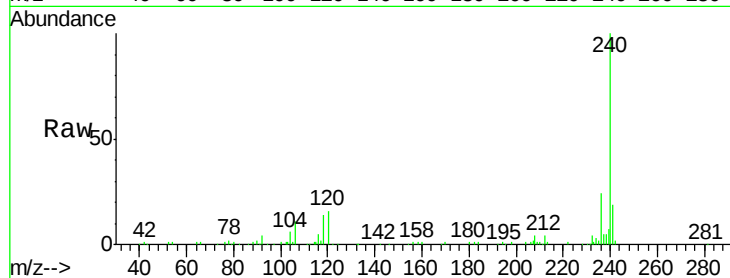
Tgt Ion:240 Resp: 174715

Ion Ratio Lower Upper

240 100

120 15.5 8.2 12.2#

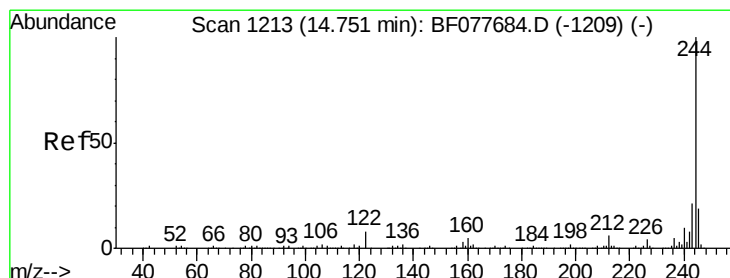
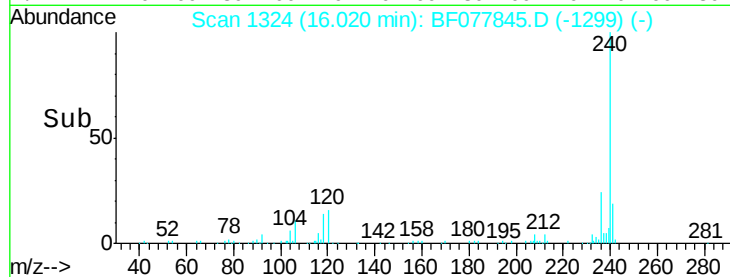
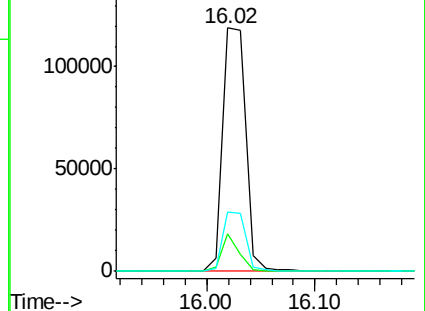
236 24.3 20.0 30.0



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: 69.11 ng

RT: 14.73 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF077845.D

Acq: 19 Mar 2015 22:08

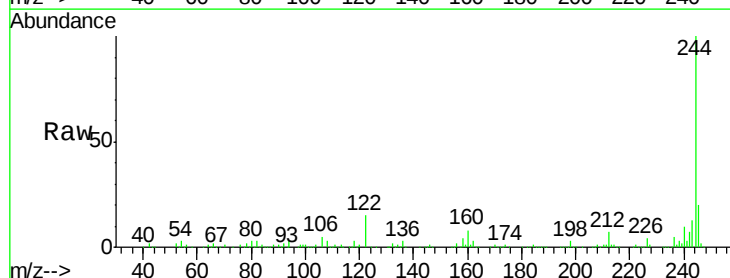
Tgt Ion:244 Resp: 494292

Ion Ratio Lower Upper

244 100

212 7.1 4.9 7.3

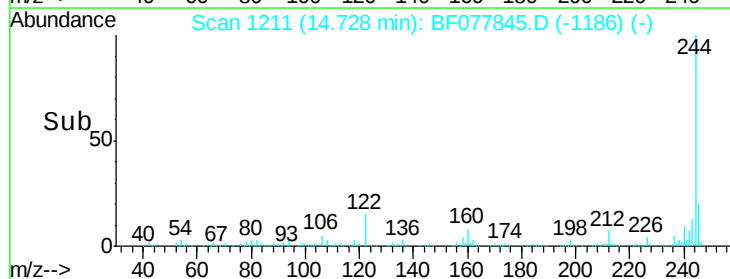
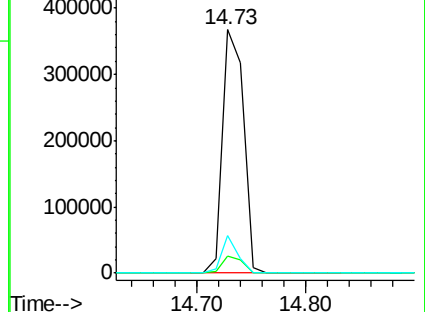
122 15.2 6.2 9.4#

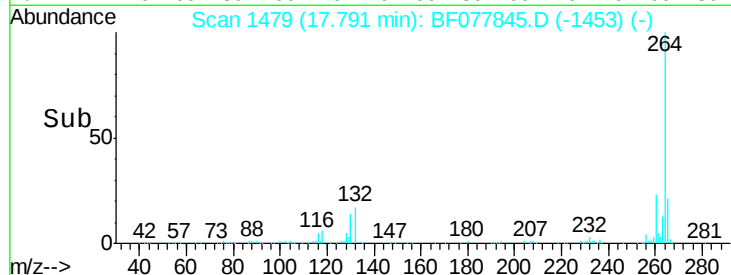
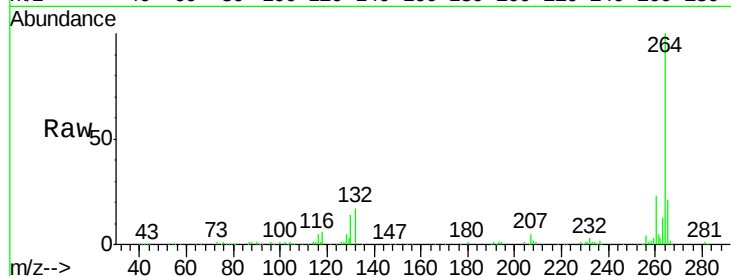
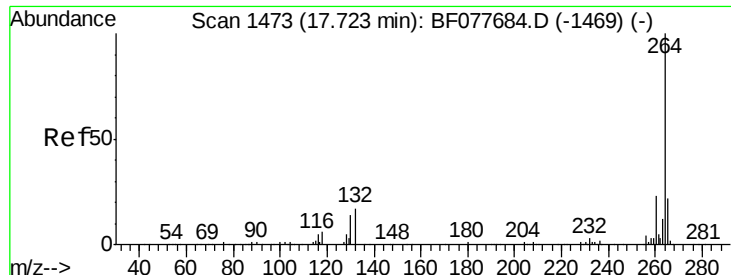


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF077845.D
Acq: 19 Mar 2015 22:08

Instrument :
BNA_F
ClientSampleId :
PB82188BL

Tgt Ion:	264	Resp:	168006
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.0	17.3	25.9

