

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077811.D
 Acq On : 19 Mar 2015 00:27
 Operator : TP/IZ
 Sample : PB82148BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BL

Quant Time: Mar 19 03:17:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 04:03:48 2015
 Response via : Initial Calibration

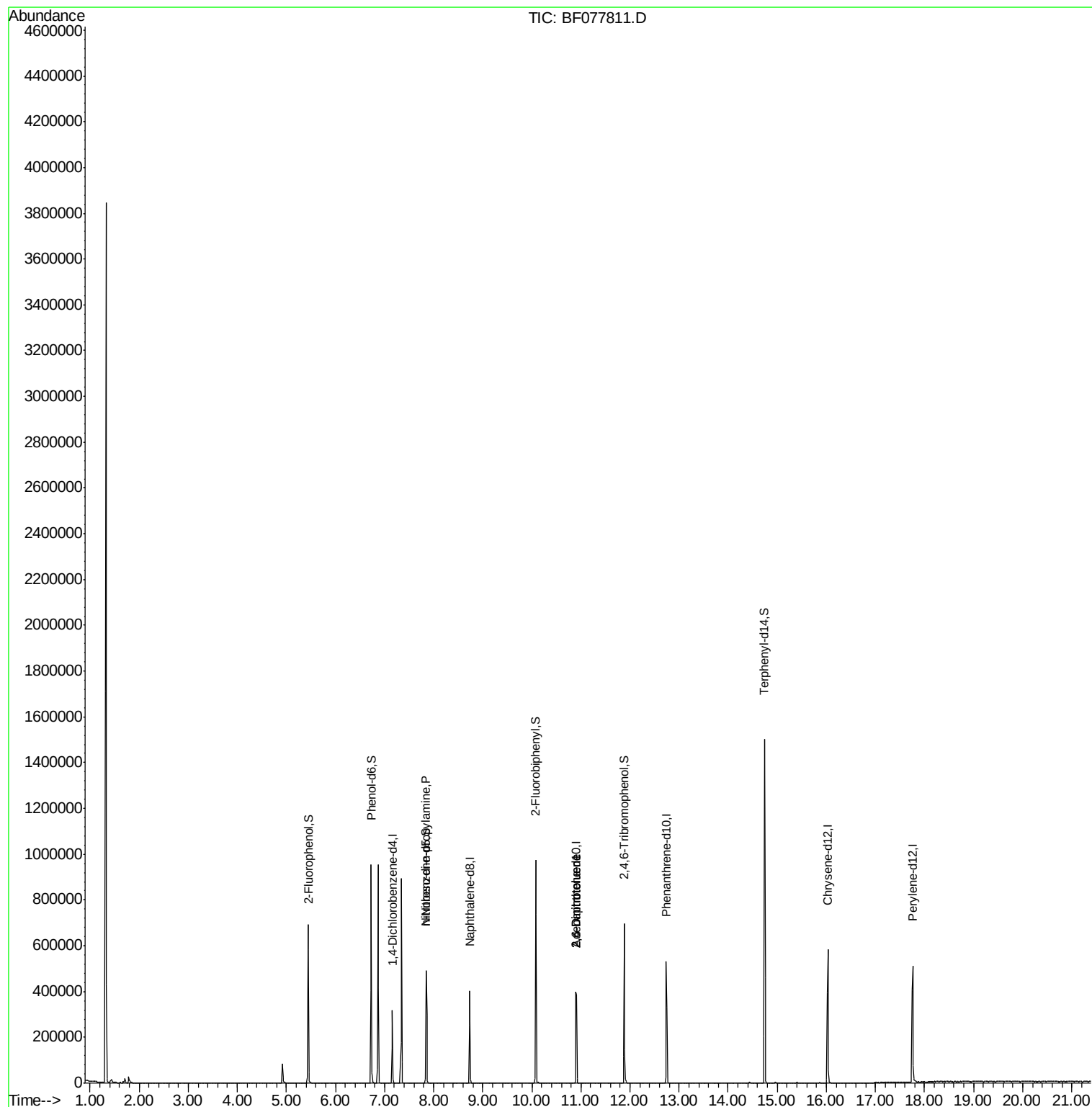
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	59986	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	241521	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	123588	20.00	ng	-0.01
63) Phenanthrene-d10	12.74	188	258139	20.00	ng	0.00
75) Chrysene-d12	16.03	240	285470	20.00	ng	-0.02
86) Perylene-d12	17.76	264	276166	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	295729	86.05	ng	0.01
7) Phenol-d6	6.73	99	380631	89.65	ng	0.00
23) Nitrobenzene-d5	7.85	82	199514	54.15	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	84865	71.77	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	442131	52.57	ng	-0.01
78) Terphenyl-d14	14.74	244	541816	46.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.85	70	25222	8.59	ng	# 83
50) 2,6-Dinitrotoluene	10.90	165	15108	7.95	ng	# 24
56) 2,4-Dinitrotoluene	10.90	165	15382	6.21	ng	# 11

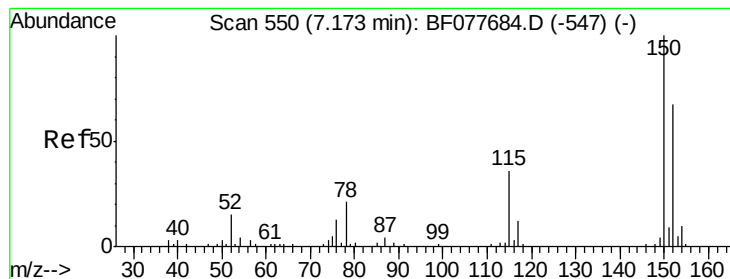
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

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Quant Time: Mar 19 03:17:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 04:03:48 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.16 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF077811.D

Acq: 19 Mar 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB82148BL

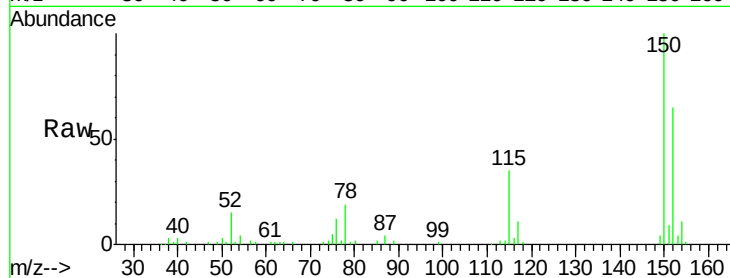
Tgt Ion:152 Resp: 59986

Ion Ratio Lower Upper

152 100

150 153.4 119.5 179.3

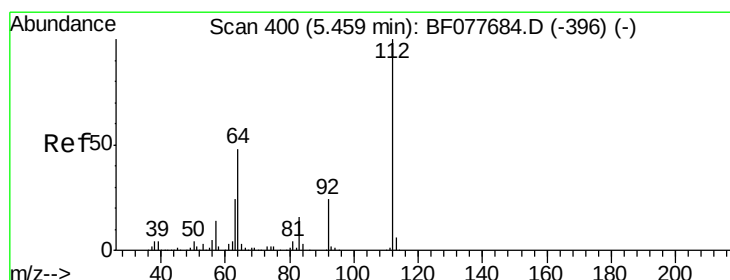
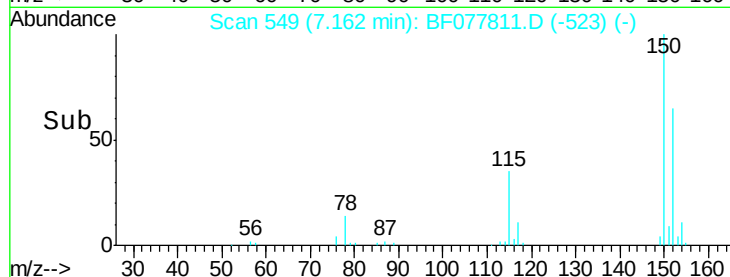
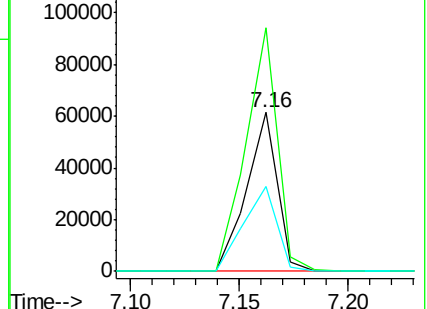
115 53.8 43.0 64.4



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: 86.05 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077811.D

Acq: 19 Mar 2015 00:27

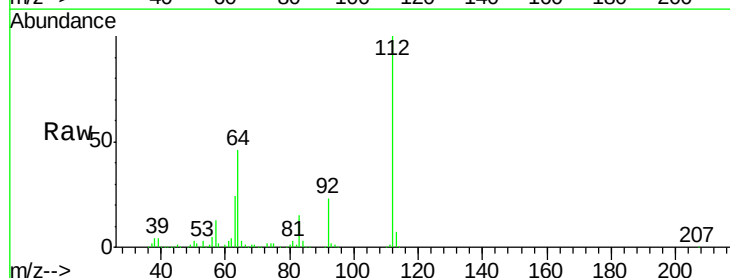
Tgt Ion:112 Resp: 295729

Ion Ratio Lower Upper

112 100

64 45.8 38.6 57.8

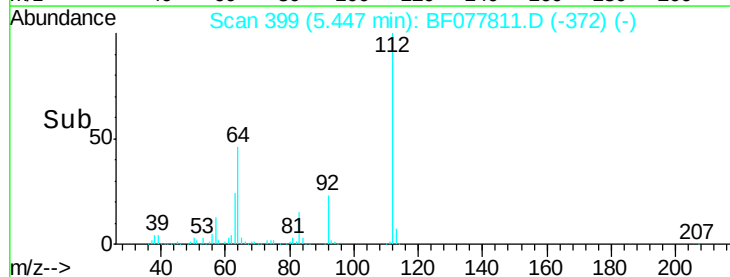
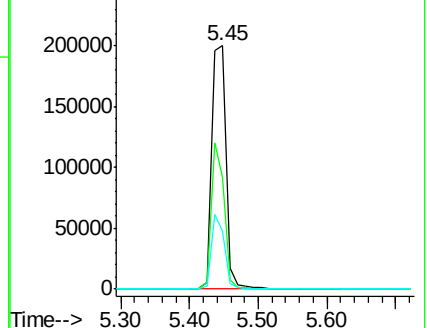
63 23.7 19.3 28.9

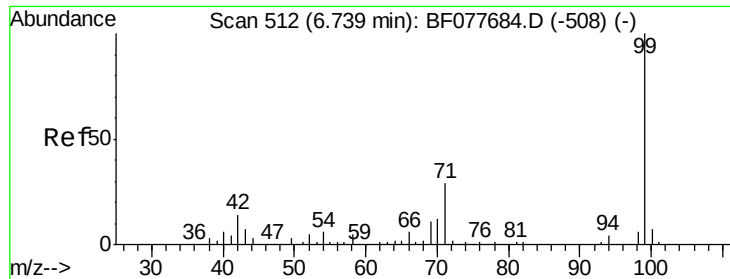


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.65 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077811.D

Acq: 19 Mar 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB82148BL

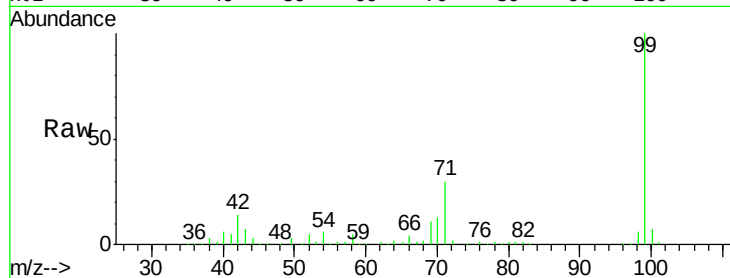
Tgt Ion: 99 Resp: 380631

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.4

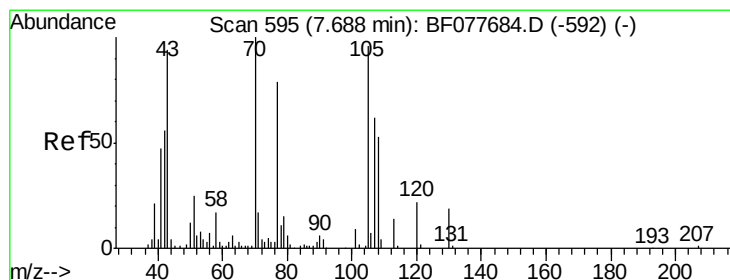
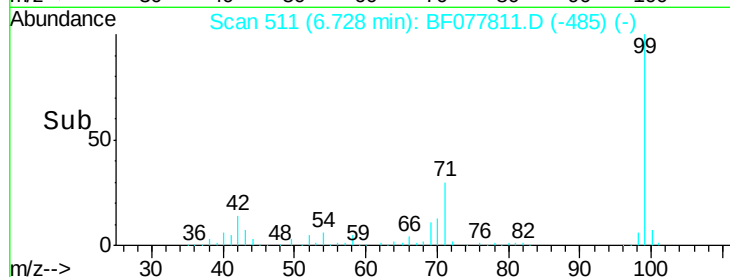
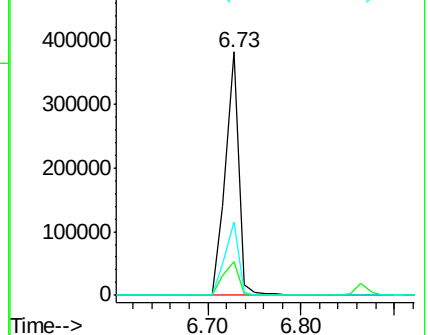
71 29.9 23.4 35.2



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: 8.59 ng

RT: 7.85 min Scan# 609

Delta R.T. 0.17 min

Lab File: BF077811.D

Acq: 19 Mar 2015 00:27

Tgt Ion: 70 Resp: 25222

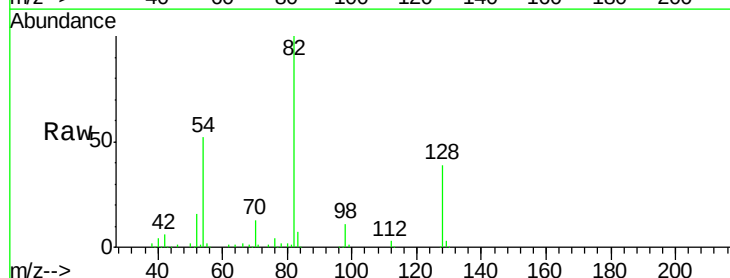
Ion Ratio Lower Upper

70 100

42 49.5 44.5 66.7

101 0.0 7.4 11.2#

130 2.2 15.3 22.9#

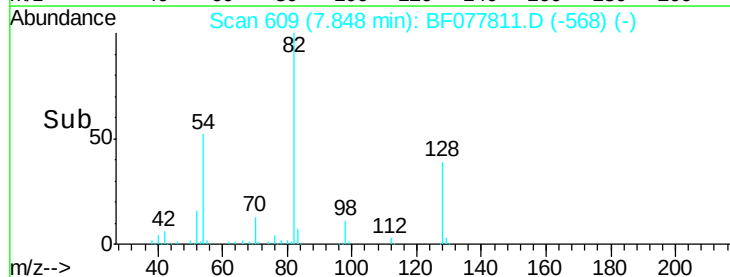
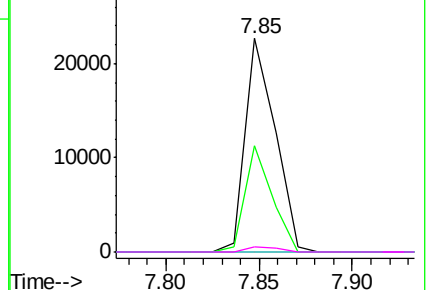


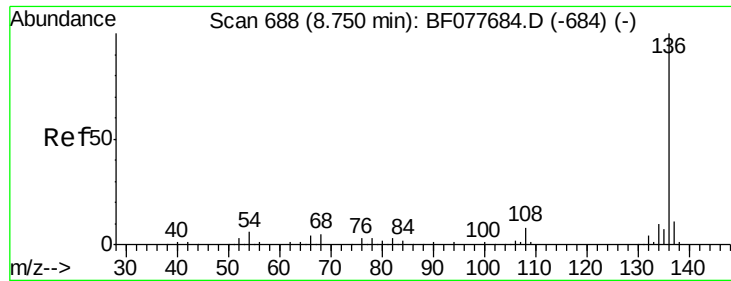
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

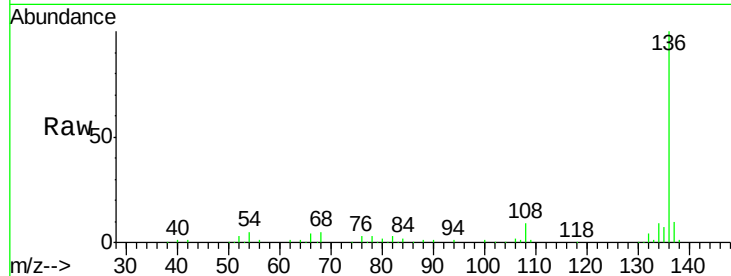




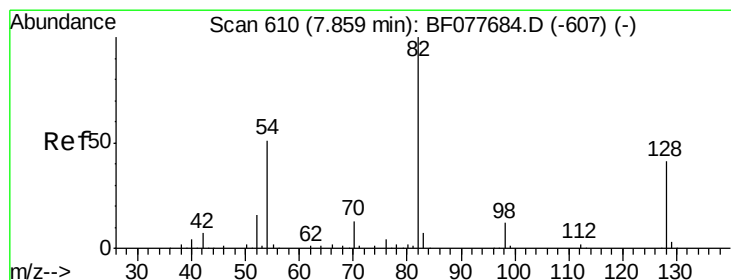
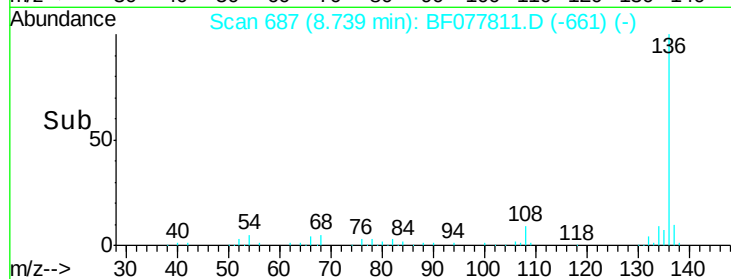
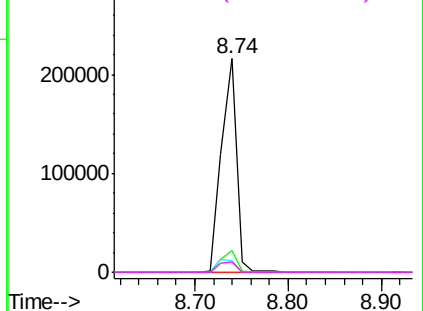
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077811.D
Acq: 19 Mar 2015 00:27

Instrument :
BNA_F
ClientSampleId :
PB82148BL

Tgt Ion:	136	Resp:	241521
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	5.4	4.6	6.8
68	4.7	3.7	5.5

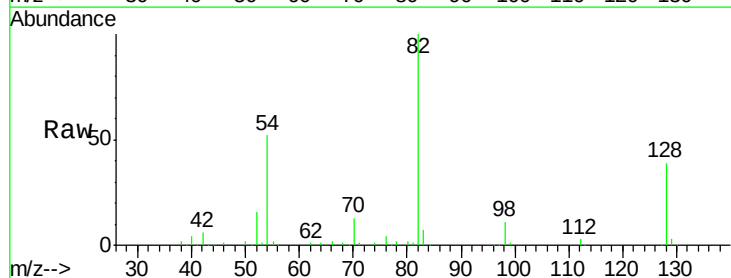


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

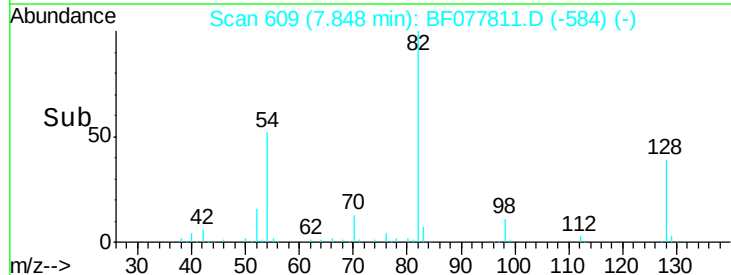
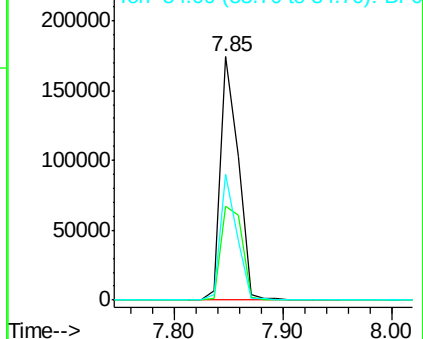


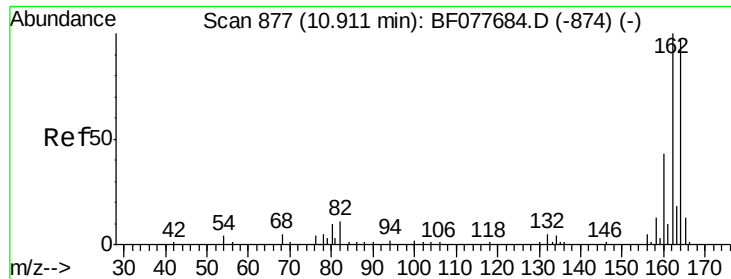
#23
Nitrobenzene-d5
Concen: 54.15 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF077811.D
Acq: 19 Mar 2015 00:27

Tgt Ion:	82	Resp:	199514
Ion	Ratio	Lower	Upper
82	100		
128	38.6	32.8	49.2
54	51.6	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

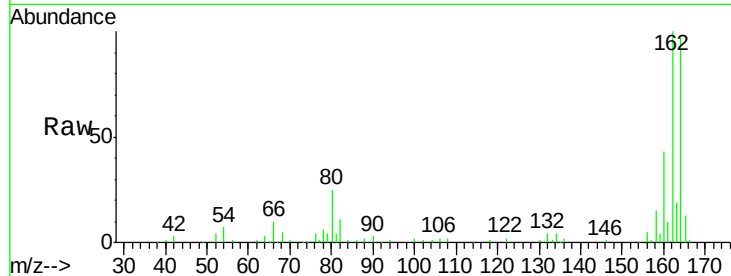




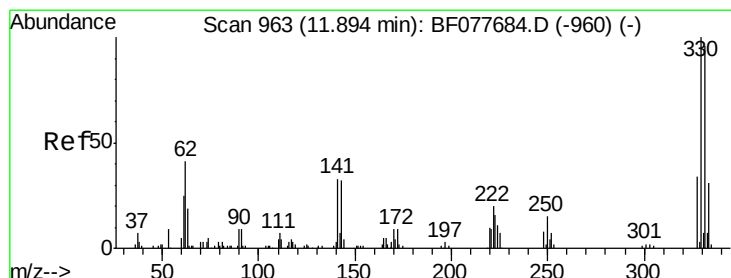
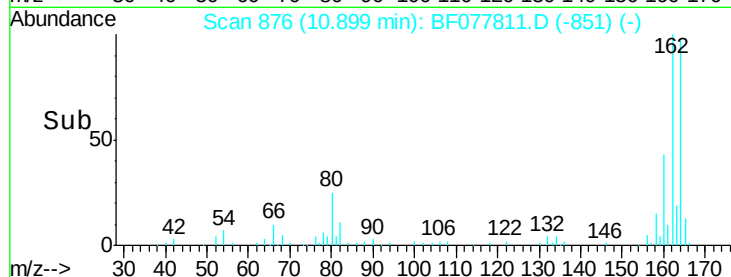
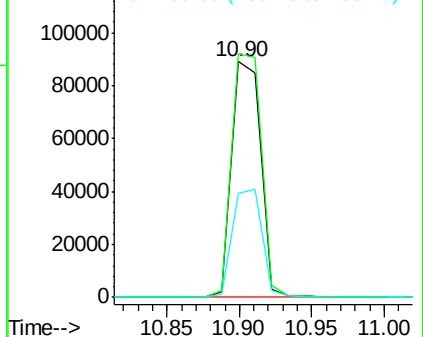
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF077811.D
Acq: 19 Mar 2015 00:27

Instrument :
BNA_F
ClientSampleId :
PB82148BL

Tgt Ion:164 Resp: 123588
Ion Ratio Lower Upper
164 100
162 103.3 82.4 123.6
160 44.4 35.8 53.6

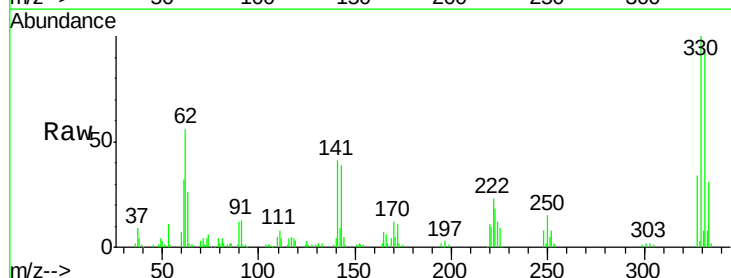


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

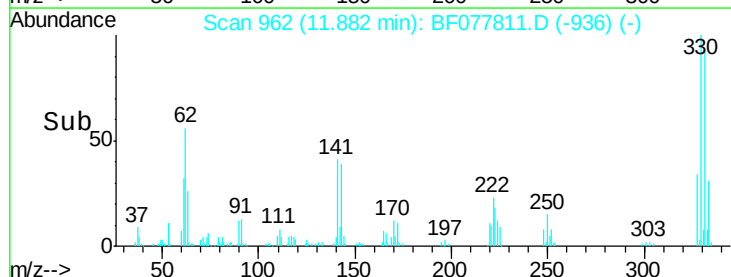
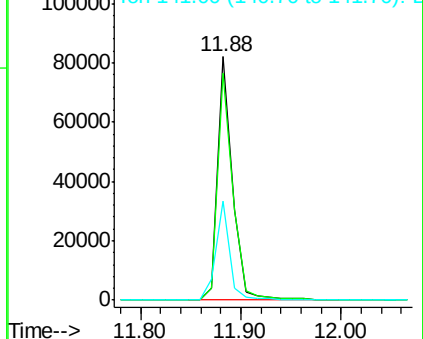


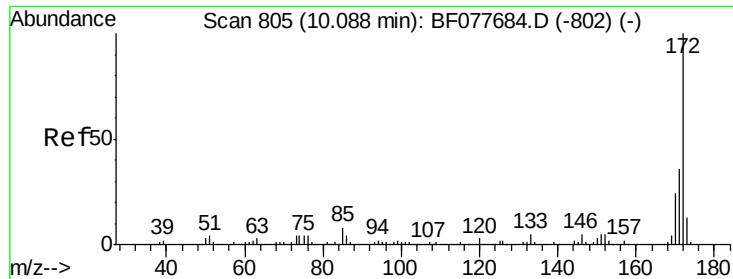
#41
2,4,6-Tribromophenol
Concen: 71.77 ng
RT: 11.88 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF077811.D
Acq: 19 Mar 2015 00:27

Tgt Ion:330 Resp: 84865
Ion Ratio Lower Upper
330 100
332 95.5 0.0 0.0#
141 37.5 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

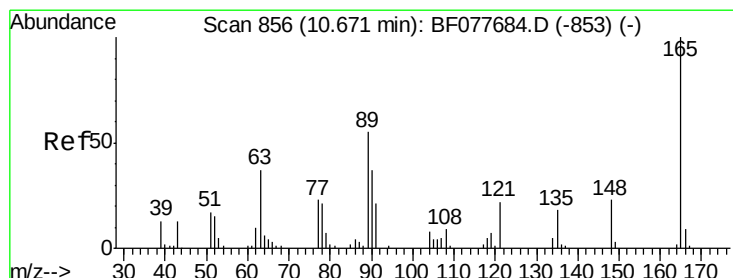
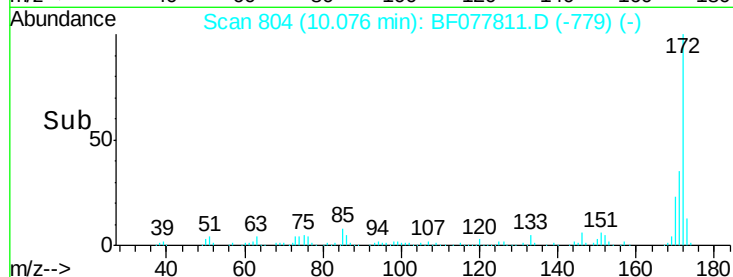
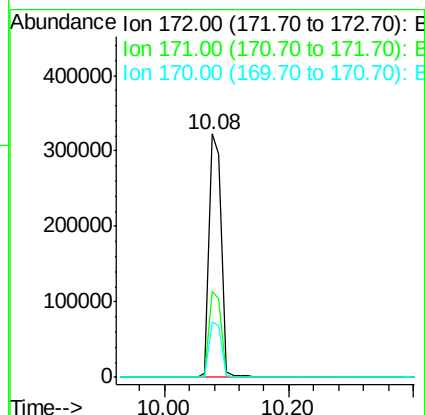
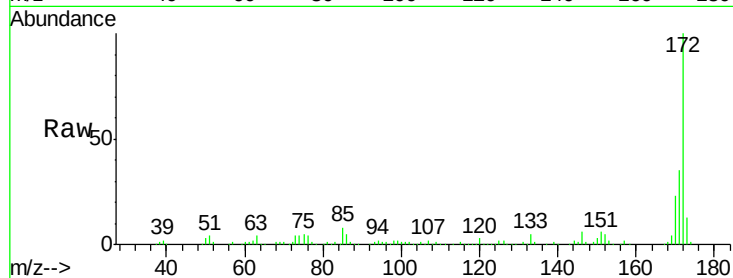




#44
 2-Fluorobiphenyl
 Concen: 52.57 ng
 RT: 10.08 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF077811.D
 Acq: 19 Mar 2015 00:27

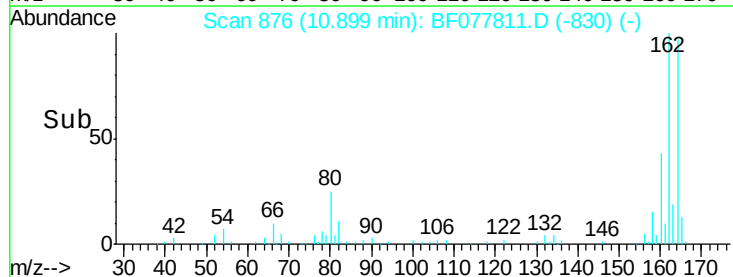
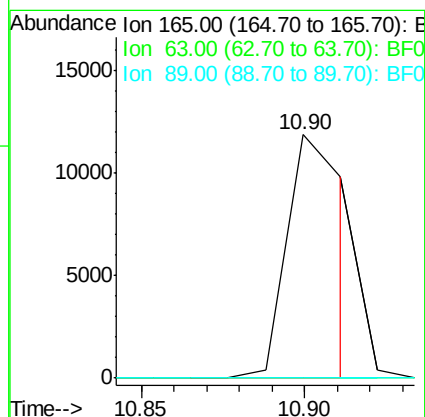
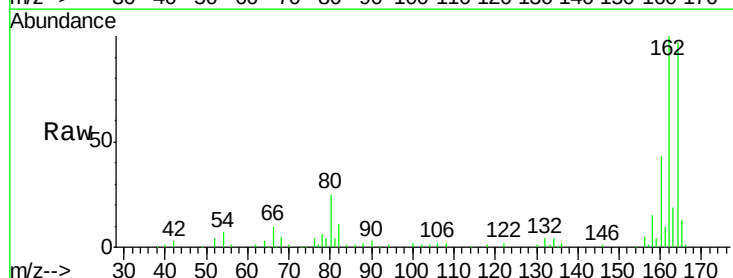
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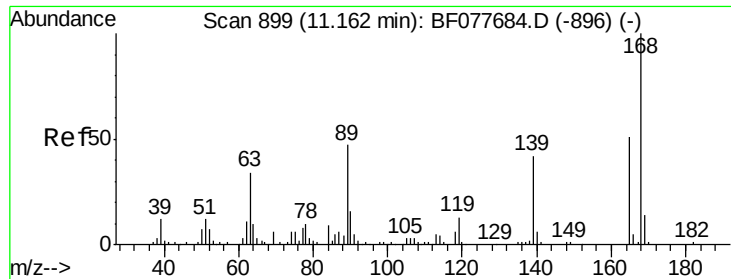
Tgt Ion:172 Resp: 442131
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 22.7 18.8 28.2



#50
 2,6-Dinitrotoluene
 Concen: 7.95 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.23 min
 Lab File: BF077811.D
 Acq: 19 Mar 2015 00:27

Tgt Ion:165 Resp: 15108
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.3 66.5#

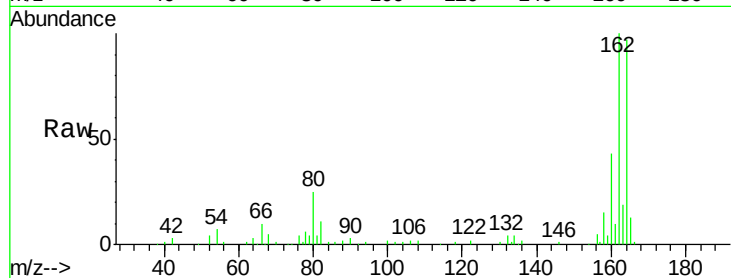




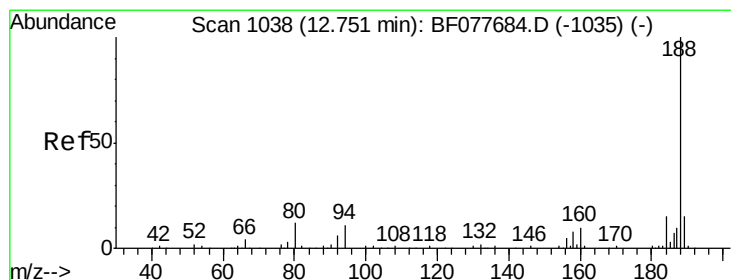
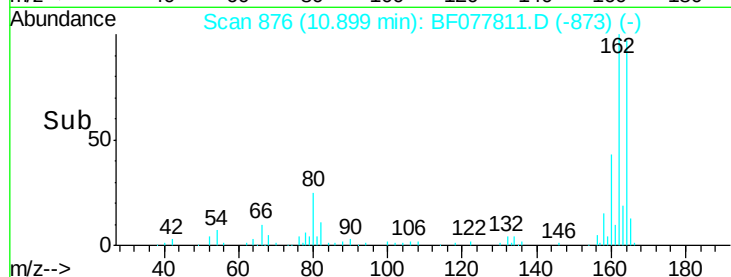
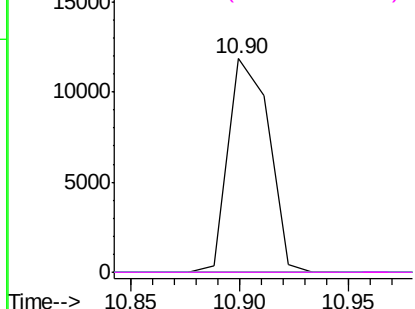
#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.26 min
 Lab File: BF077811.D
 Acq: 19 Mar 2015 00:27

Instrument :
 BNA_F
 ClientSampleId :
 PB82148BL

Tgt Ion:165 Resp: 15382
 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#

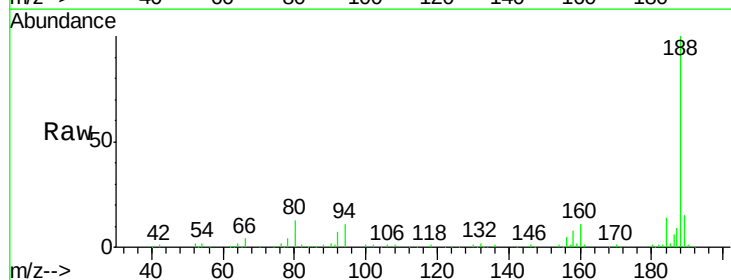


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

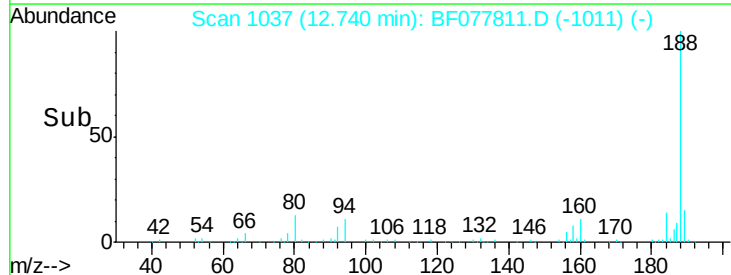
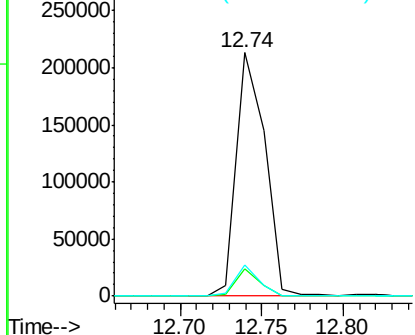


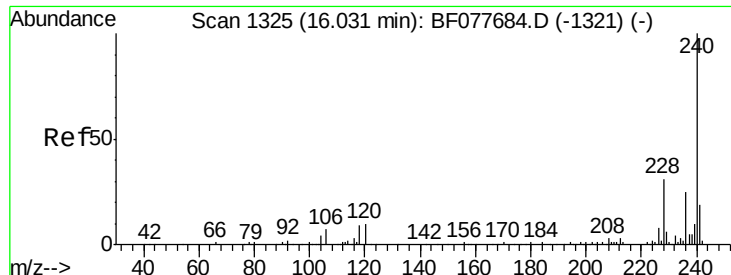
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF077811.D
 Acq: 19 Mar 2015 00:27

Tgt Ion:188 Resp: 258139
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.7 13.1
 80 12.7 9.3 13.9



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.03 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF077811.D

Acq: 19 Mar 2015 00:27

Instrument :

BNA_F

ClientSampleId :

PB82148BL

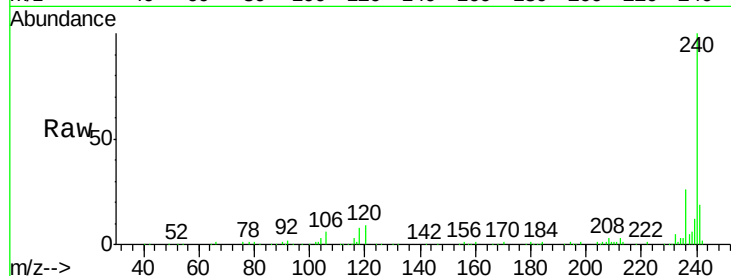
Tgt Ion:240 Resp: 285470

Ion Ratio Lower Upper

240 100

120 9.3 8.2 12.2

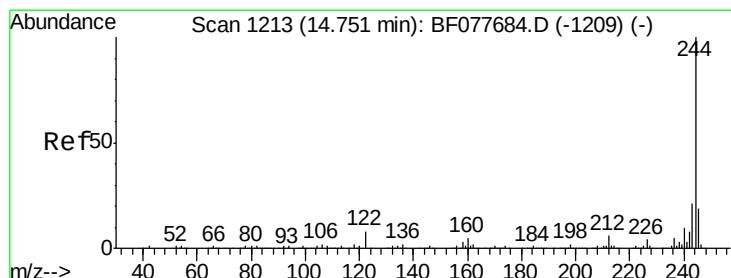
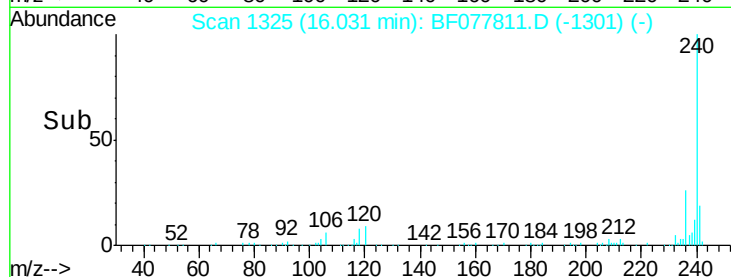
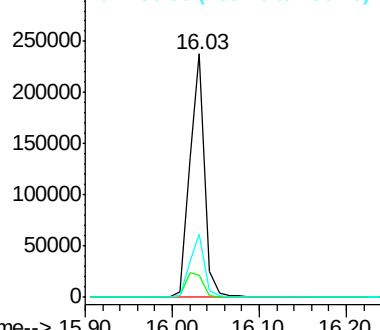
236 25.9 20.0 30.0



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: 46.36 ng

RT: 14.74 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF077811.D

Acq: 19 Mar 2015 00:27

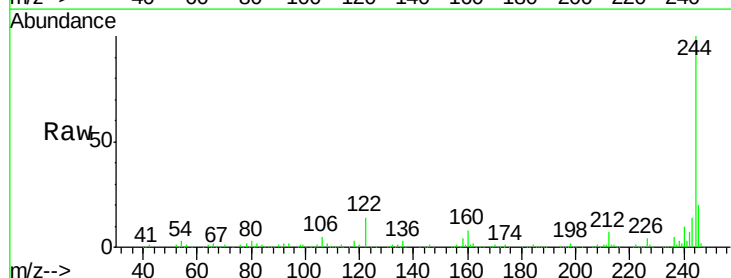
Tgt Ion:244 Resp: 541816

Ion Ratio Lower Upper

244 100

212 7.0 4.9 7.3

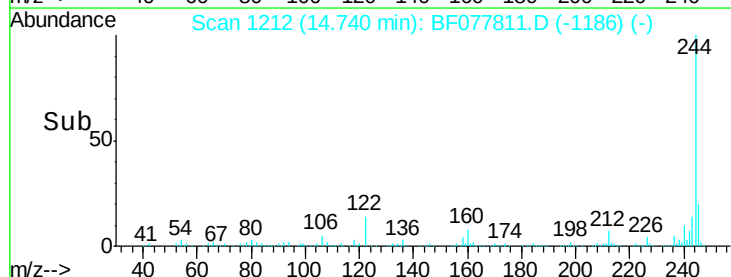
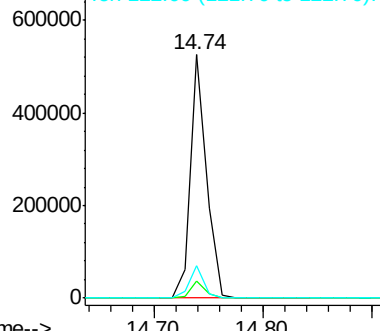
122 13.5 6.2 9.4#

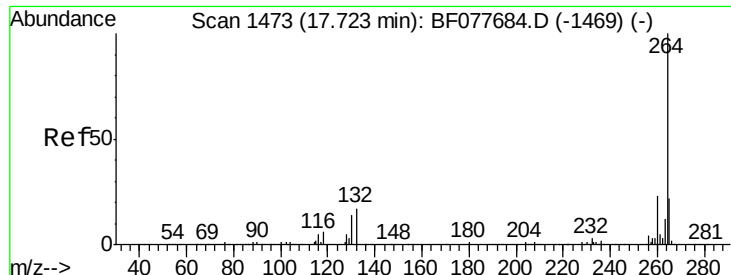


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.76 min Scan# 1476
Delta R.T. -0.09 min
Lab File: BF077811.D
Acq: 19 Mar 2015 00:27

Instrument :
BNA_F
ClientSampleId :
PB82148BL

Tgt Ion: 264 Resp: 276166
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 21.0 17.3 25.9

