

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077819.D
 Acq On : 19 Mar 2015 4:16
 Operator : TP/IZ
 Sample : G1544-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(3-5)

Quant Time: Mar 19 04:19:45 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 04:21:27 2015
 Response via : Initial Calibration

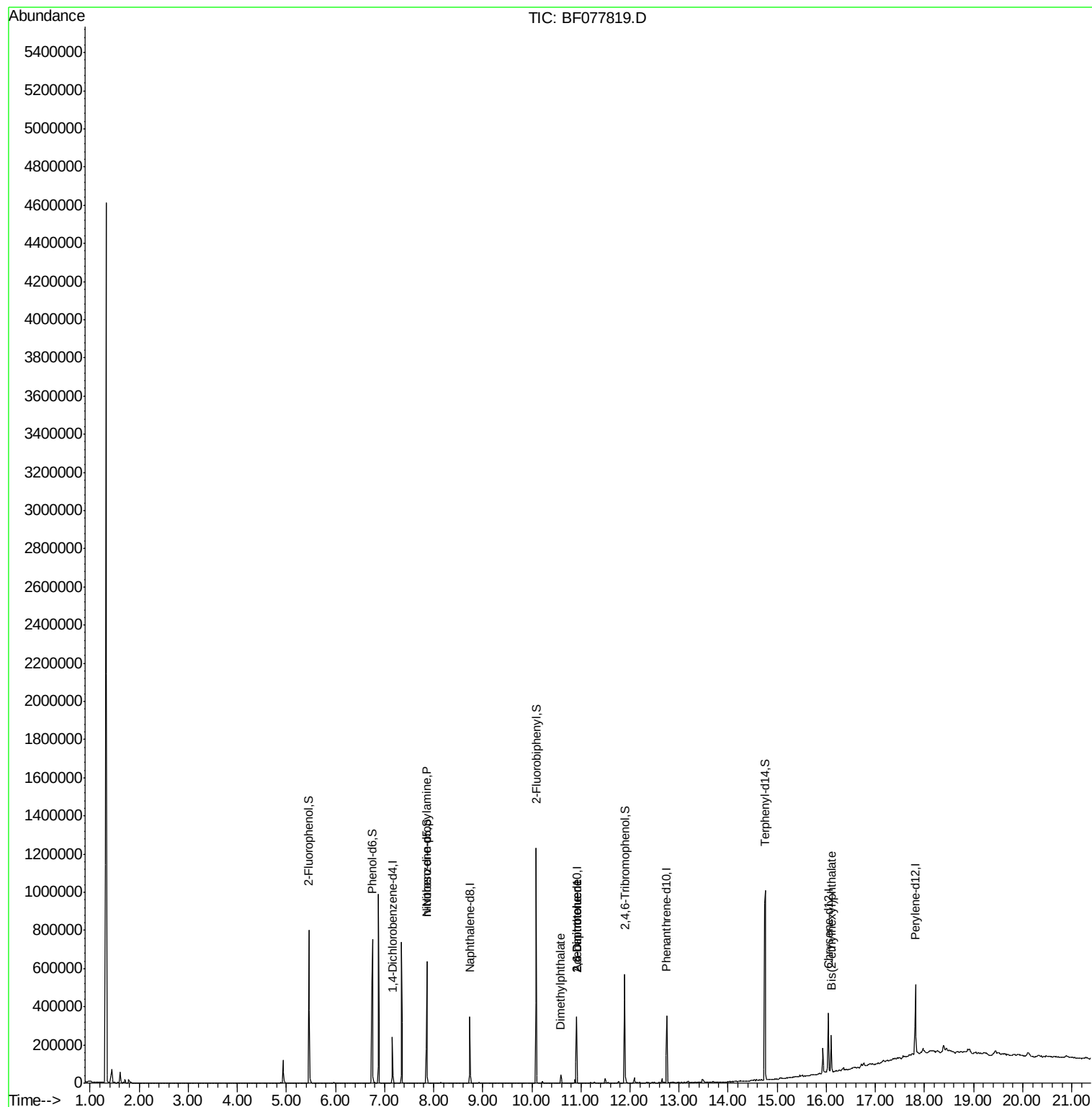
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	36848	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	154174	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	74802	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	148405	20.00	ng	0.01
75) Chrysene-d12	16.04	240	161564	20.00	ng	0.01
86) Perylene-d12	17.81	264	158069	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	278133	131.75	ng	0.02
7) Phenol-d6	6.75	99	355850	136.44	ng	0.02
23) Nitrobenzene-d5	7.86	82	209086	88.90	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	89310	124.79	ng	0.01
44) 2-Fluorobiphenyl	10.09	172	419382	82.39	ng	0.00
78) Terphenyl-d14	14.75	244	493708	74.64	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.86	70	25920	14.37	ng	# 79
49) Dimethylphthalate	10.59	163	22808	4.11	ng	99
50) 2,6-Dinitrotoluene	10.91	165	9891	8.60	ng	# 24
56) 2,4-Dinitrotoluene	10.91	165	9888	6.59	ng	# 11
83) Bis(2-ethylhexyl)phthalate	16.10	149	74369	12.26	ng	99

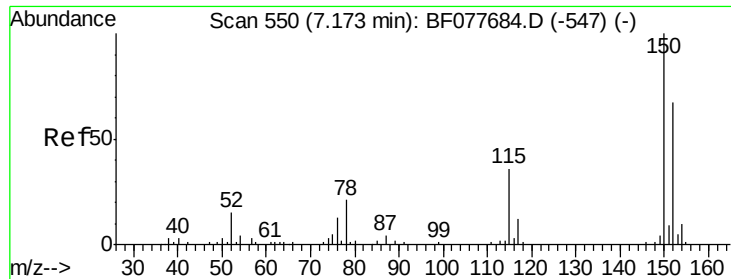
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 19 04:19:45 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 04:21:27 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: BF077819.D

Acq: 19 Mar 2015 4:16

Instrument :

BNA_F

ClientSampleId :

SB-8(3-5)

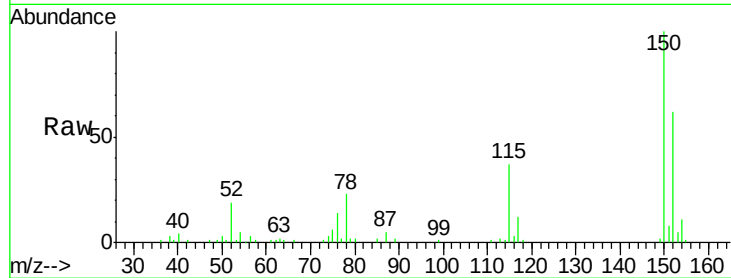
Tgt Ion:152 Resp: 36848

Ion Ratio Lower Upper

152 100

150 160.5 119.5 179.3

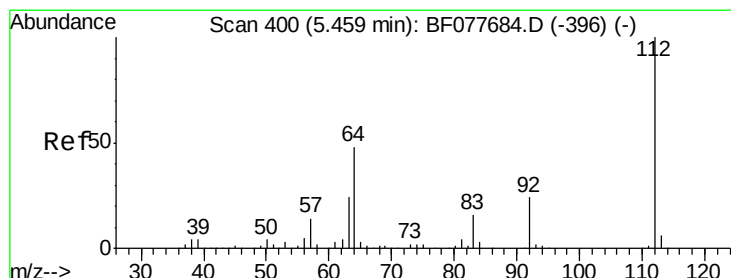
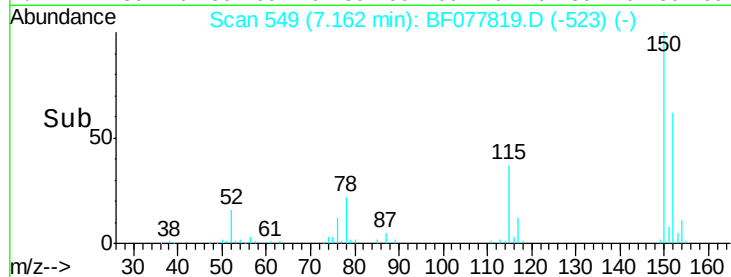
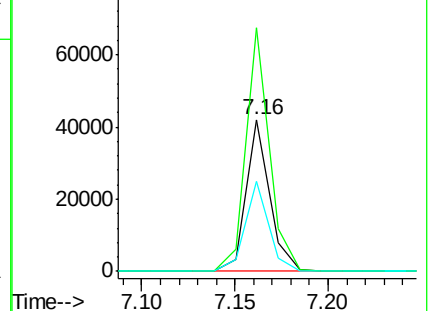
115 59.7 43.0 64.4



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: 131.75 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.02 min

Lab File: BF077819.D

Acq: 19 Mar 2015 4:16

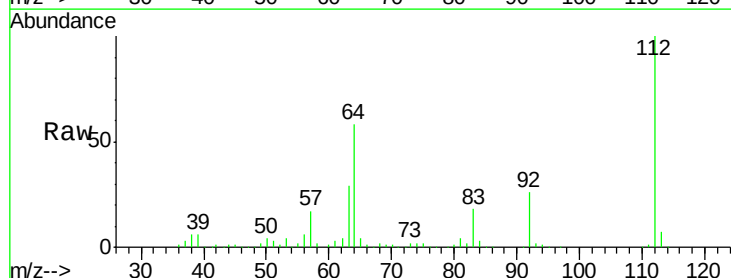
Tgt Ion:112 Resp: 278133

Ion Ratio Lower Upper

112 100

64 57.8 38.6 57.8#

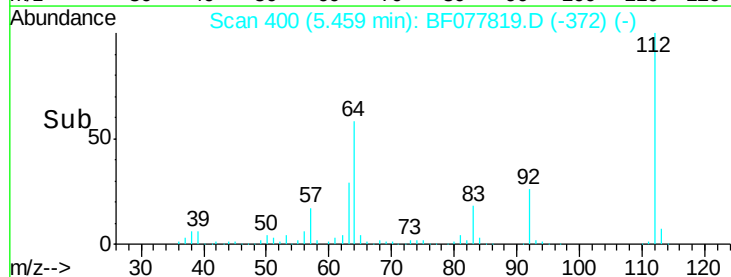
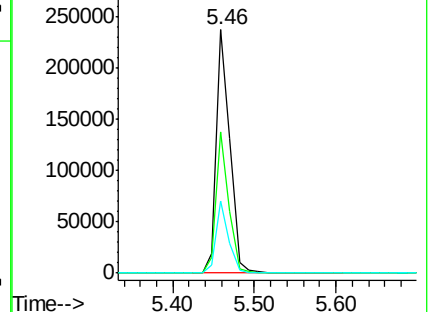
63 29.4 19.3 28.9#

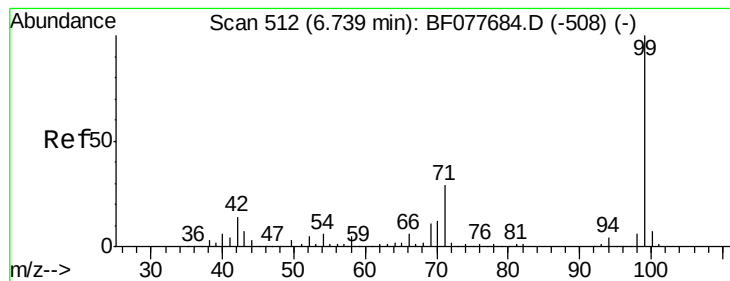


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.44 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.02 min

Lab File: BF077819.D

Acq: 19 Mar 2015 4:16

Instrument :

BNA_F

ClientSampleId :

SB-8(3-5)

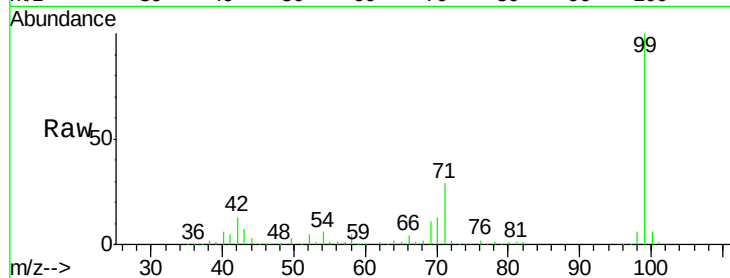
Tgt Ion: 99 Resp: 355850

Ion Ratio Lower Upper

99 100

42 13.4 11.0 16.4

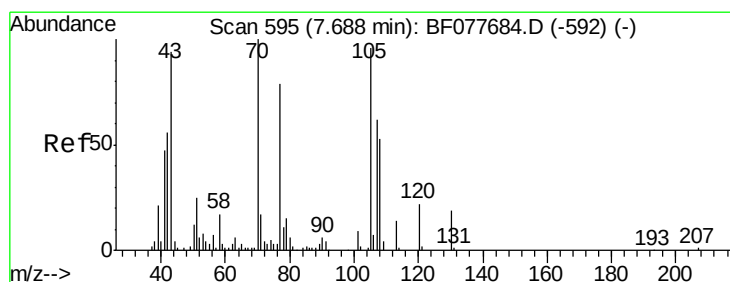
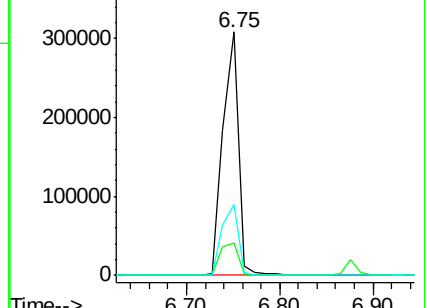
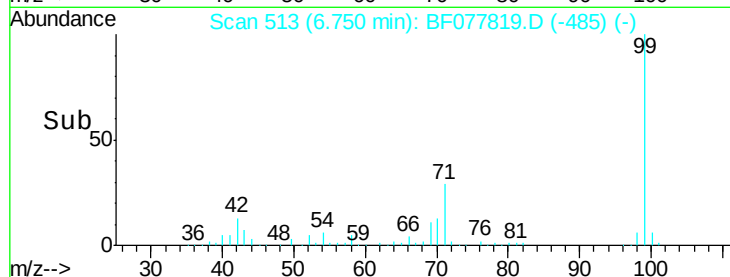
71 29.0 23.4 35.2



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: 14.37 ng

RT: 7.86 min Scan# 610

Delta R.T. 0.18 min

Lab File: BF077819.D

Acq: 19 Mar 2015 4:16

Tgt Ion: 70 Resp: 25920

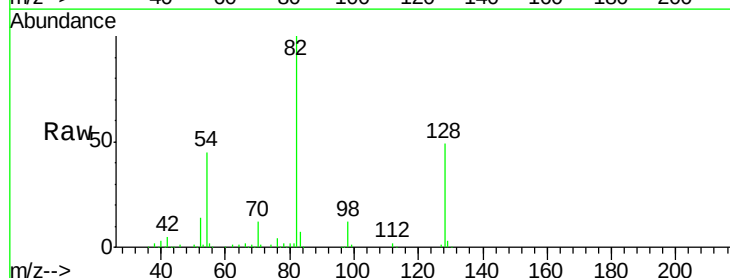
Ion Ratio Lower Upper

70 100

42 44.4 44.5 66.7#

101 0.0 7.4 11.2#

130 2.5 15.3 22.9#

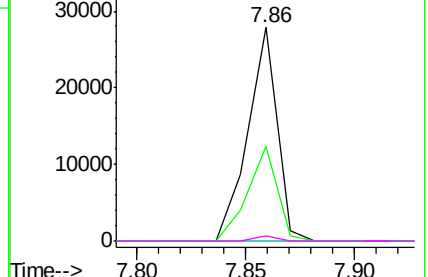
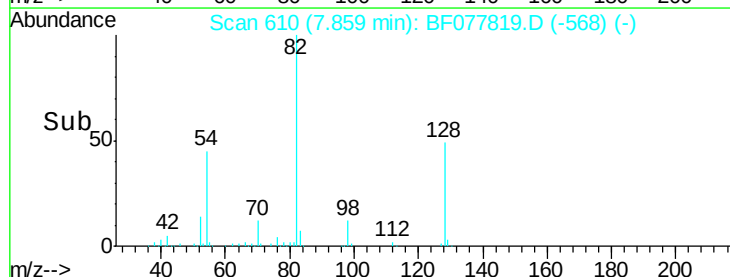


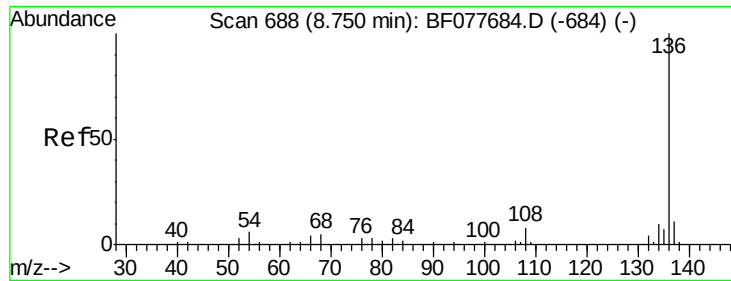
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

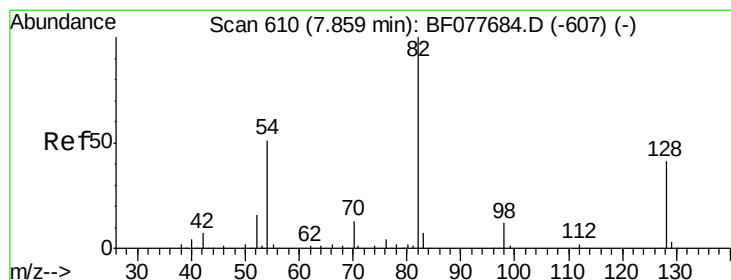
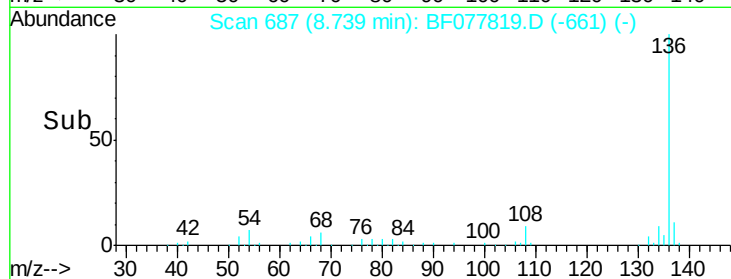
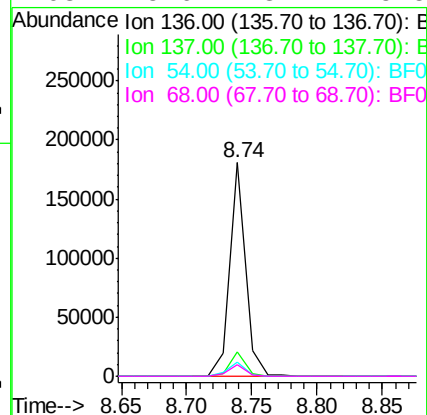
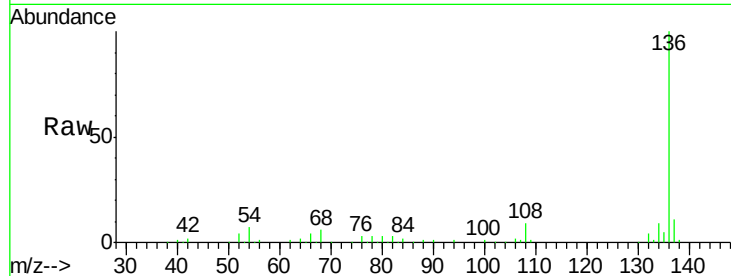




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077819.D
Acq: 19 Mar 2015 4:16

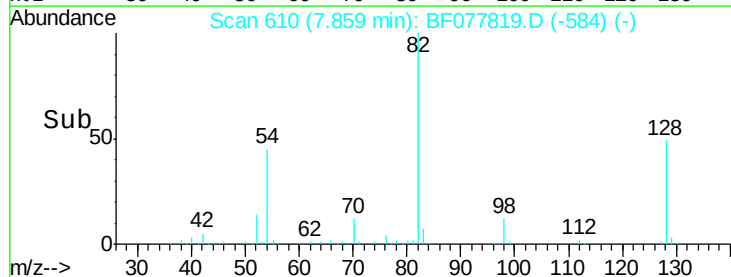
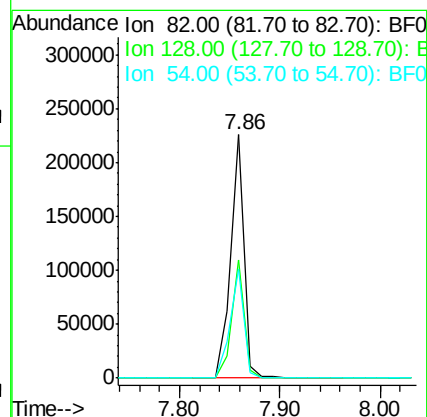
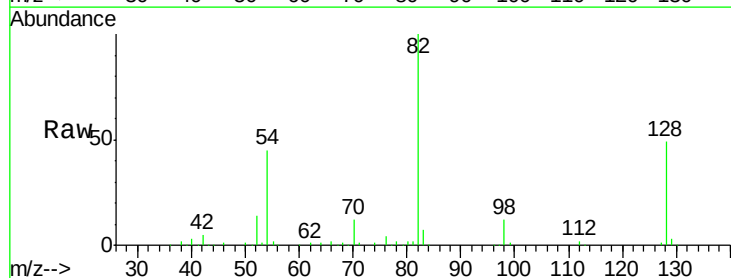
Instrument :
BNA_F
ClientSampleId :
SB-8(3-5)

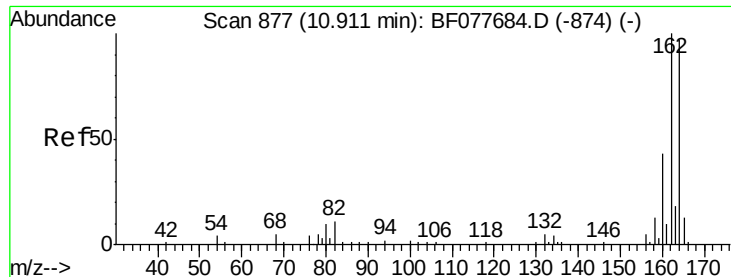
Tgt Ion:	136	Resp:	154174
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.8	4.6	6.8
68	5.6	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 88.90 ng
RT: 7.86 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF077819.D
Acq: 19 Mar 2015 4:16

Tgt Ion:	82	Resp:	209086
Ion	Ratio	Lower	Upper
82	100		
128	48.7	32.8	49.2
54	44.8	40.6	60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF077819.D

Acq: 19 Mar 2015 4:16

Instrument :

BNA_F

ClientSampleId :

SB-8(3-5)

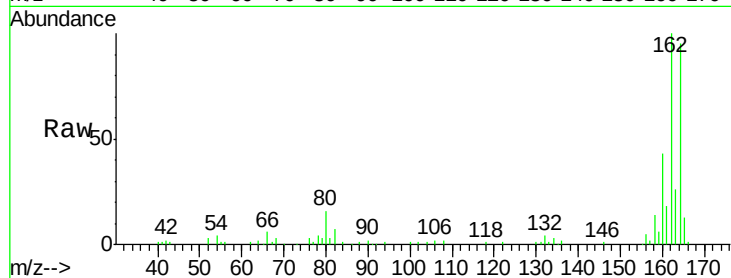
Tgt Ion:164 Resp: 74802

Ion Ratio Lower Upper

164 100

162 105.1 82.4 123.6

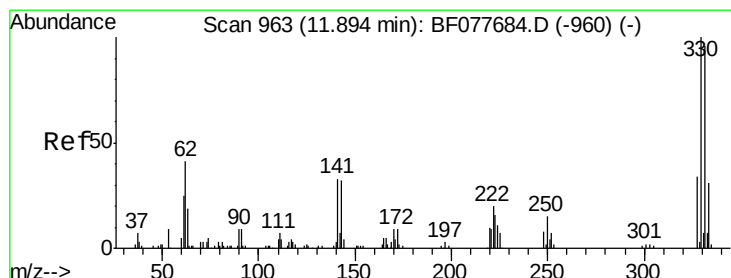
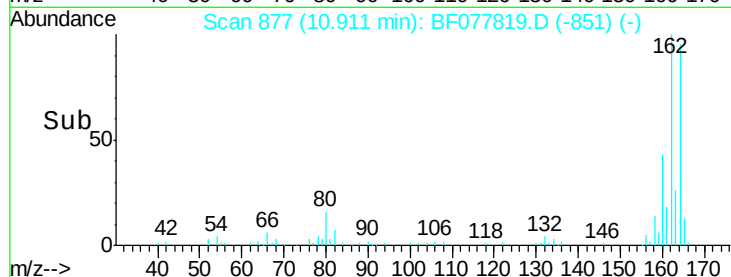
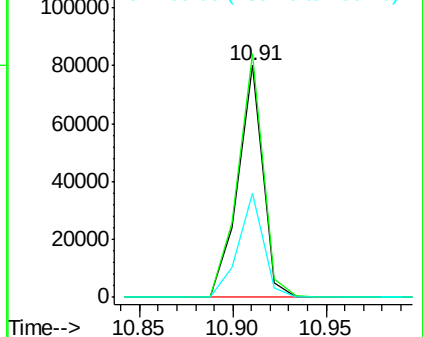
160 45.0 35.8 53.6



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: 124.79 ng

RT: 11.89 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF077819.D

Acq: 19 Mar 2015 4:16

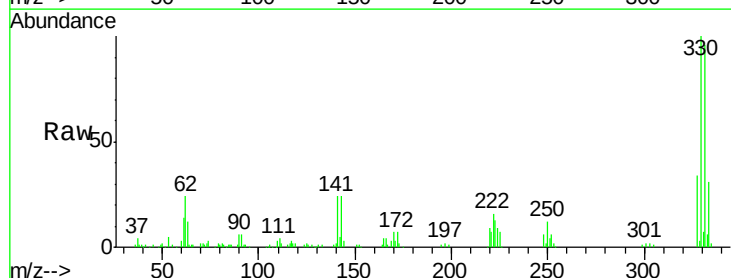
Tgt Ion:330 Resp: 89310

Ion Ratio Lower Upper

330 100

332 96.7 0.0 0.0#

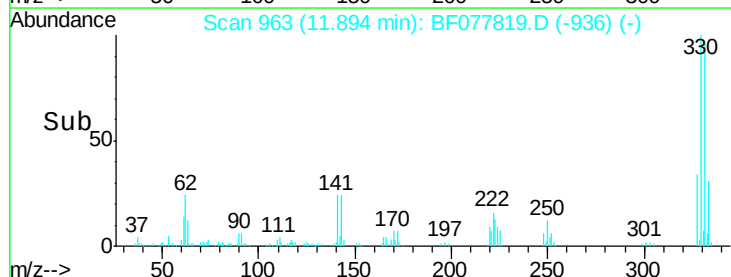
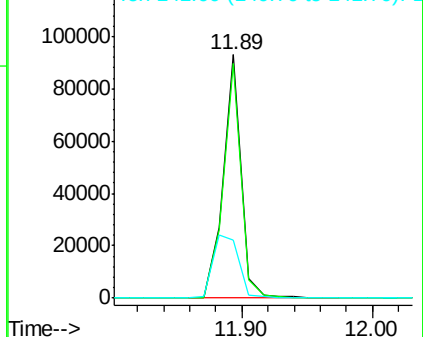
141 37.5 0.0 0.0#

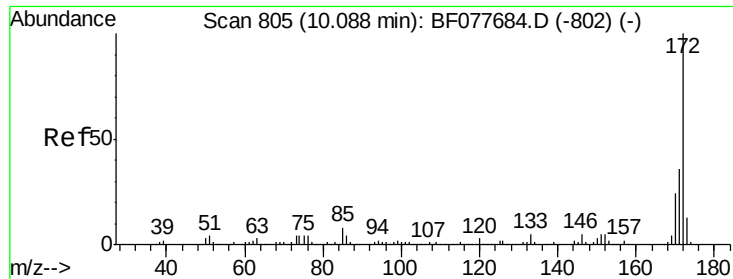


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

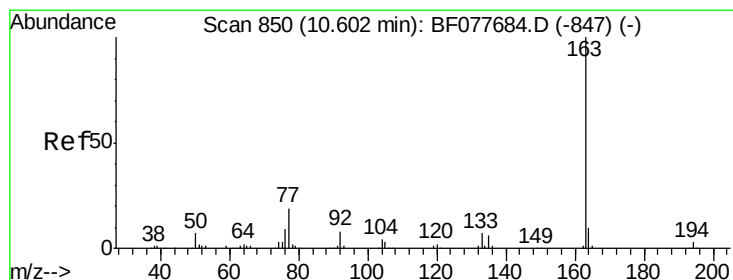
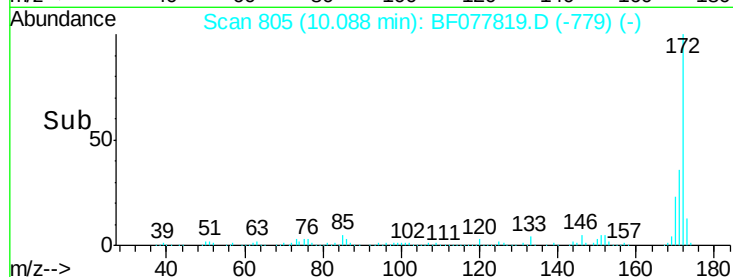
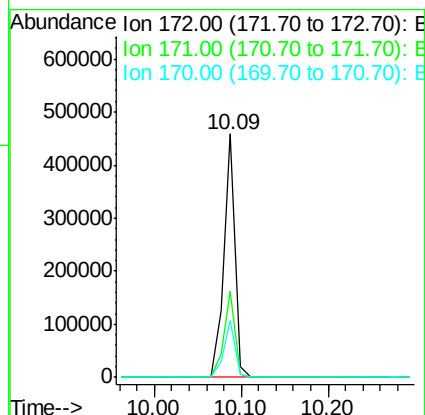
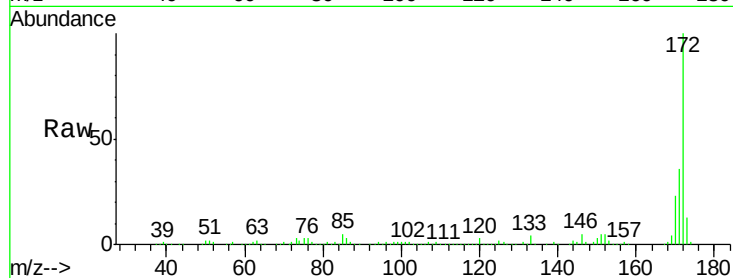




#44
 2-Fluorobiphenyl
 Concen: 82.39 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077819.D
 Acq: 19 Mar 2015 4:16

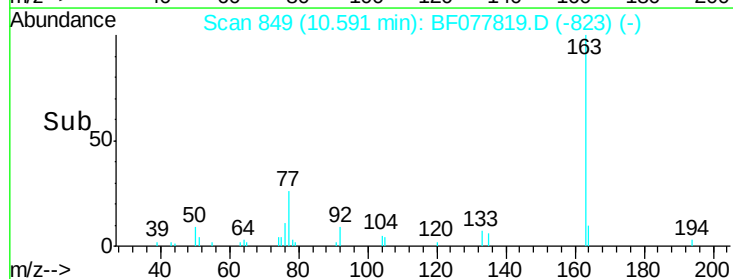
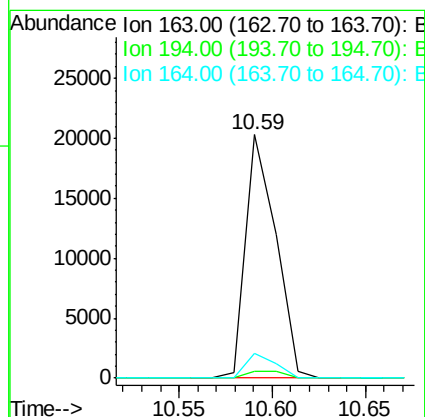
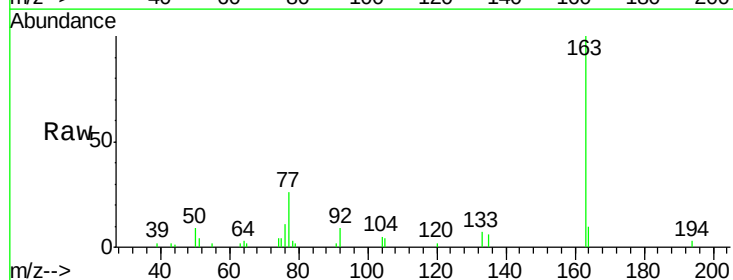
Instrument :
 BNA_F
 ClientSampleId :
 SB-8(3-5)

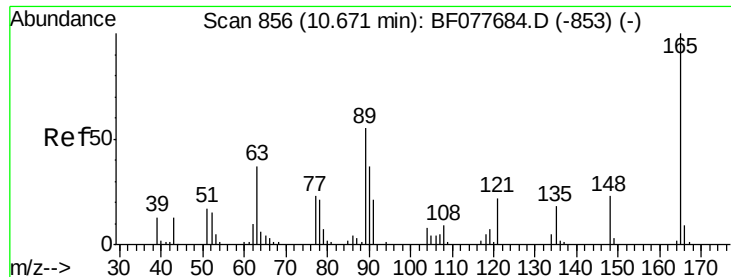
Tgt Ion:172 Resp: 419382
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 23.3 18.8 28.2



#49
 Dimethylphthalate
 Concen: 4.11 ng
 RT: 10.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF077819.D
 Acq: 19 Mar 2015 4:16

Tgt Ion:163 Resp: 22808
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.7 4.1
 164 10.1 8.2 12.2

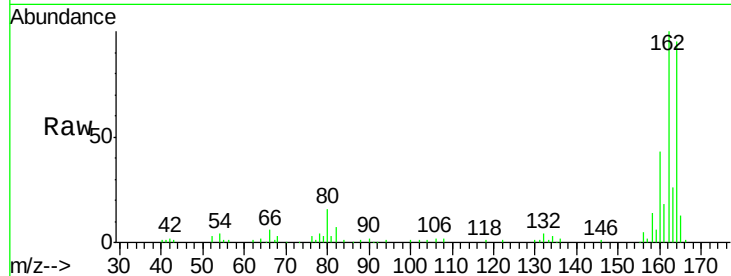




#50
 2,6-Dinitrotoluene
 Concen: 8.60 ng
 RT: 10.91 min Scan# 877
 Delta R.T. 0.24 min
 Lab File: BF077819.D
 Acq: 19 Mar 2015 4:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(3-5)

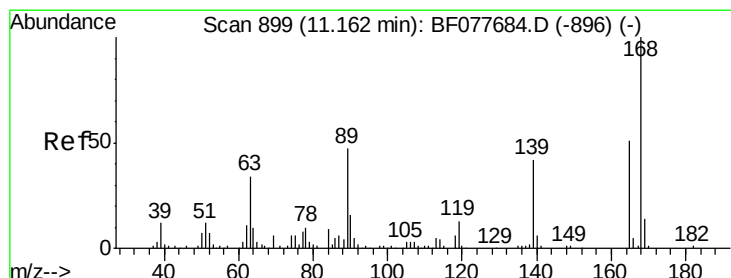
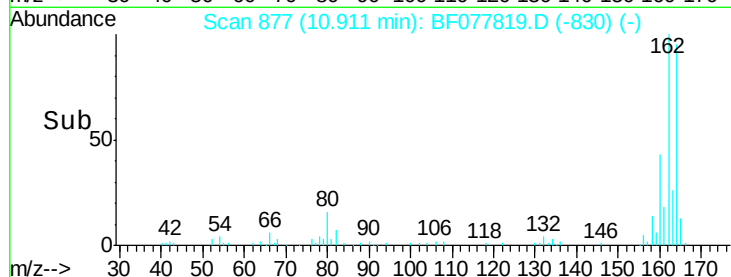
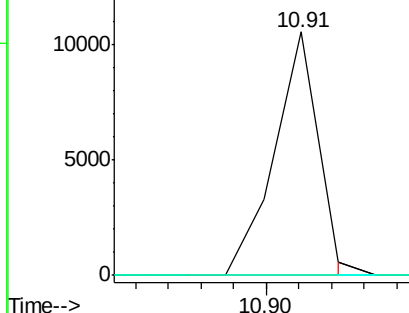
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.59 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.25 min
 Lab File: BF077819.D
 Acq: 19 Mar 2015 4:16

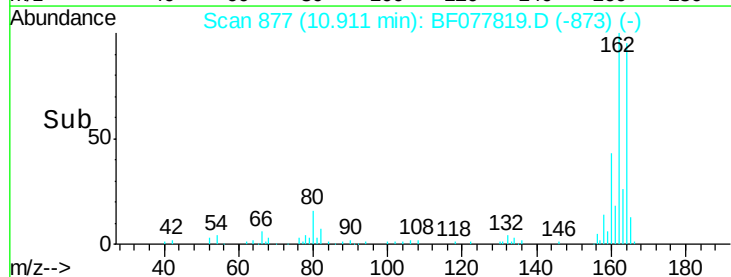
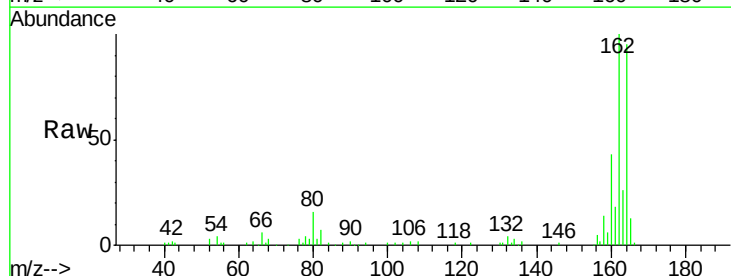
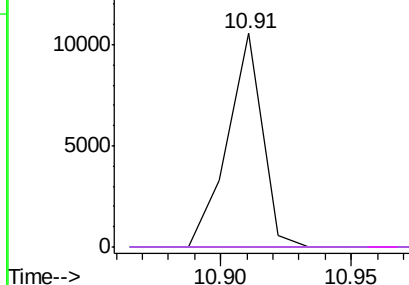
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#

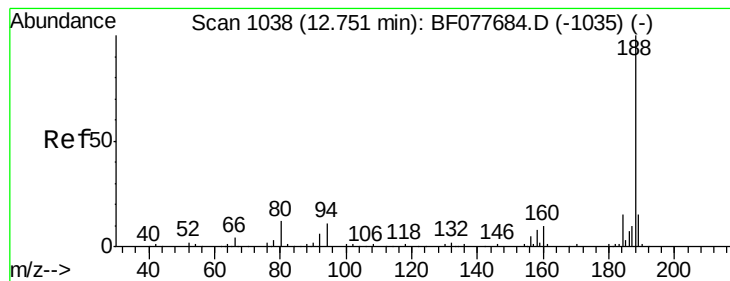
Abundance Ion 165.00 (164.70 to 165.70): E

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: 12.75 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF077819.D

Acq: 19 Mar 2015 4:16

Instrument :

BNA_F

ClientSampleId :

SB-8(3-5)

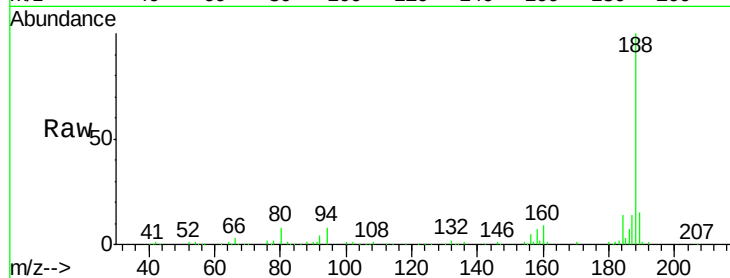
Tgt Ion:188 Resp: 148405

Ion Ratio Lower Upper

188 100

94 8.3 8.7 13.1#

80 8.0 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

200000

150000

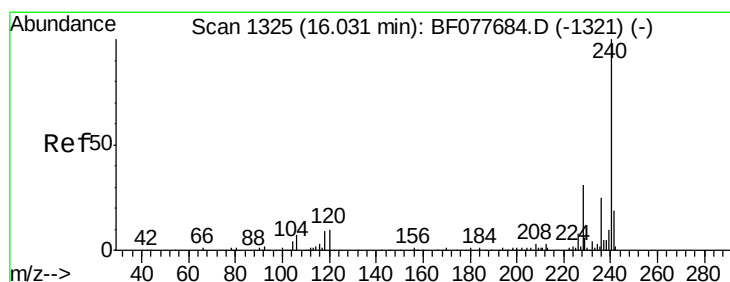
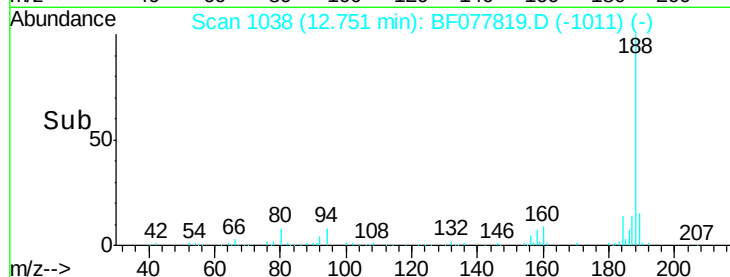
100000

50000

0

12.70 12.75 12.80

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.04 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF077819.D

Acq: 19 Mar 2015 4:16

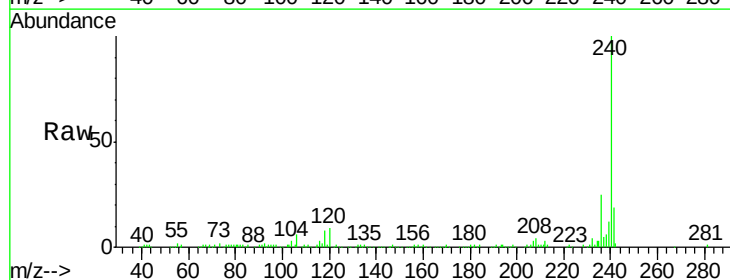
Tgt Ion:240 Resp: 161564

Ion Ratio Lower Upper

240 100

120 9.2 8.2 12.2

236 24.7 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

150000

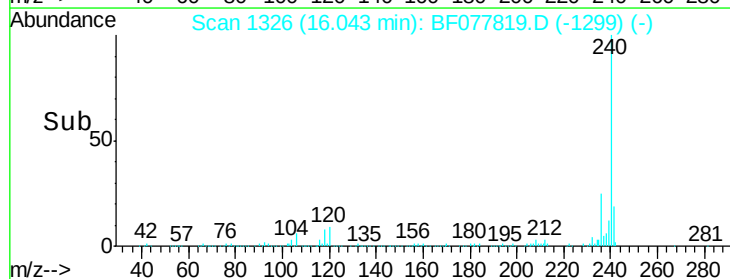
100000

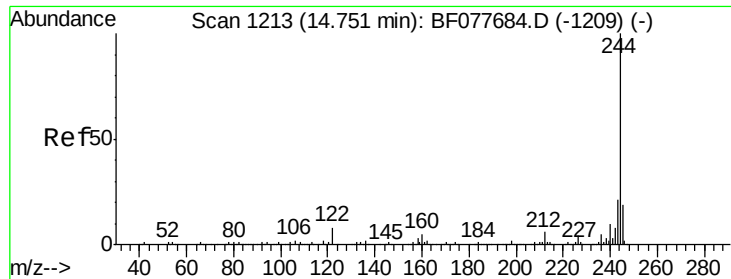
50000

0

16.00 16.04 16.10 16.20

Time-->





#78

Terphenyl-d14

Concen: 74.64 ng

RT: 14.75 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BF077819.D

Acq: 19 Mar 2015 4:16

Instrument :

BNA_F

ClientSampleId :

SB-8(3-5)

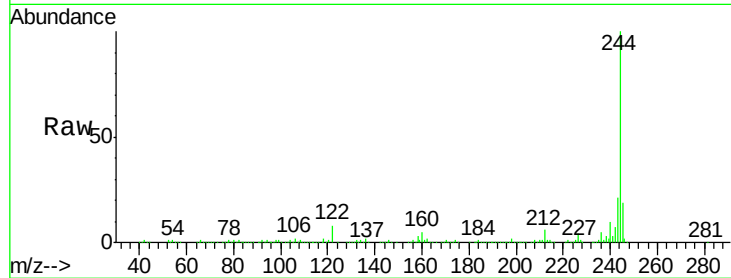
Tgt Ion:244 Resp: 493708

Ion Ratio Lower Upper

244 100

212 6.0 4.9 7.3

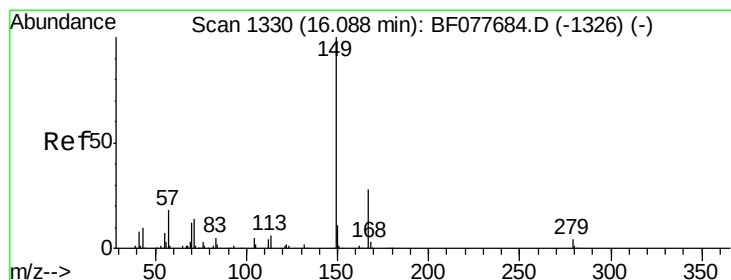
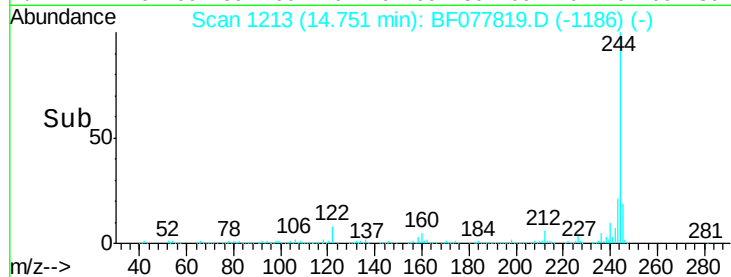
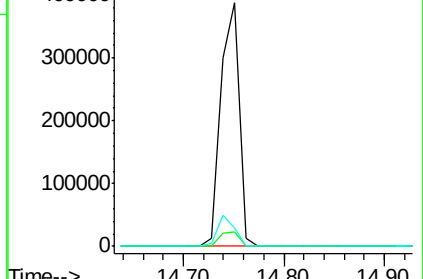
122 7.7 6.2 9.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 12.26 ng

RT: 16.10 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF077819.D

Acq: 19 Mar 2015 4:16

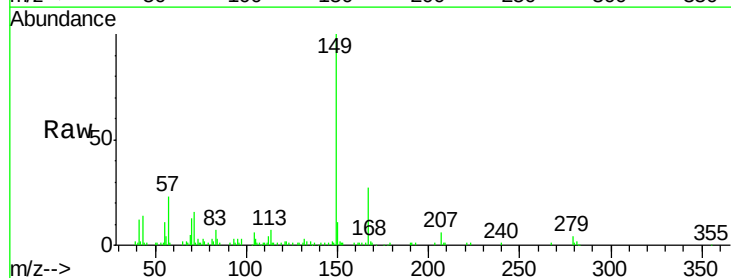
Tgt Ion:149 Resp: 74369

Ion Ratio Lower Upper

149 100

167 27.3 22.4 33.6

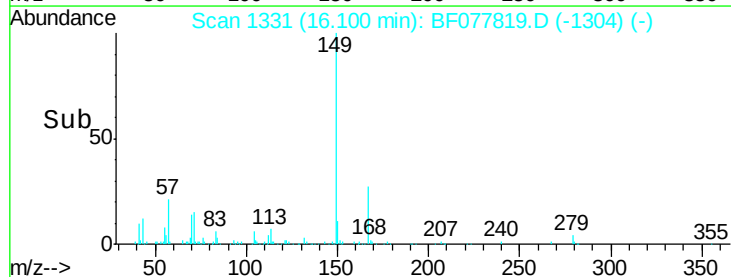
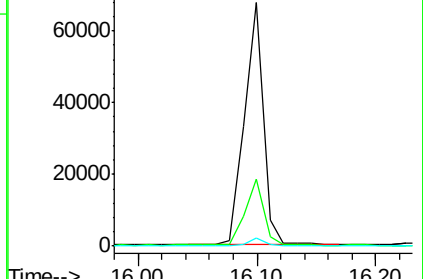
279 3.6 3.4 5.0

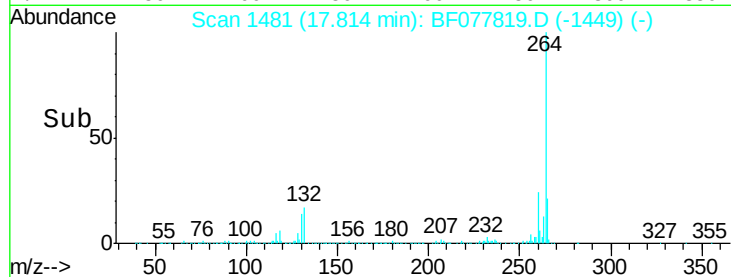
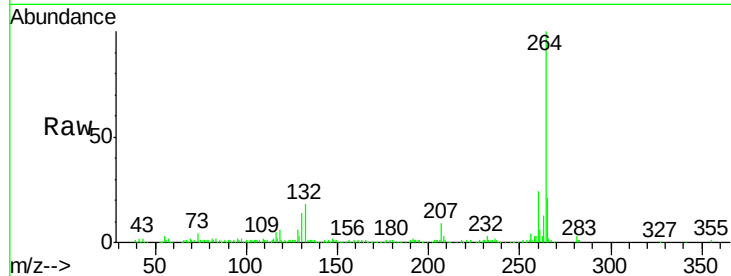
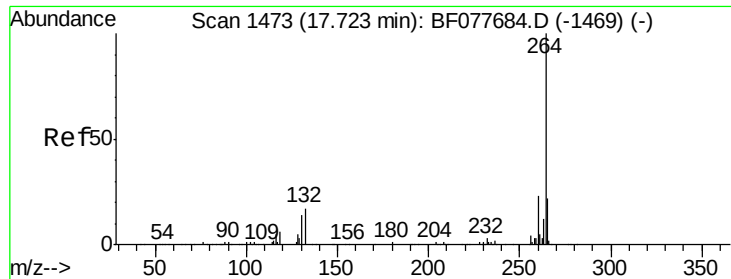


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.81 min Scan# 1481

Delta R.T. 0.07 min

Lab File: BF077819.D

Acq: 19 Mar 2015 4:16

Instrument :

BNA_F

ClientSampleId :

SB-8(3-5)

Tgt Ion: 264 Resp: 158069

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.3 17.3 25.9

