

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077820.D
 Acq On : 19 Mar 2015 4:44
 Operator : TP/IZ
 Sample : G1544-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(7-9)

Quant Time: Mar 19 04:23:32 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

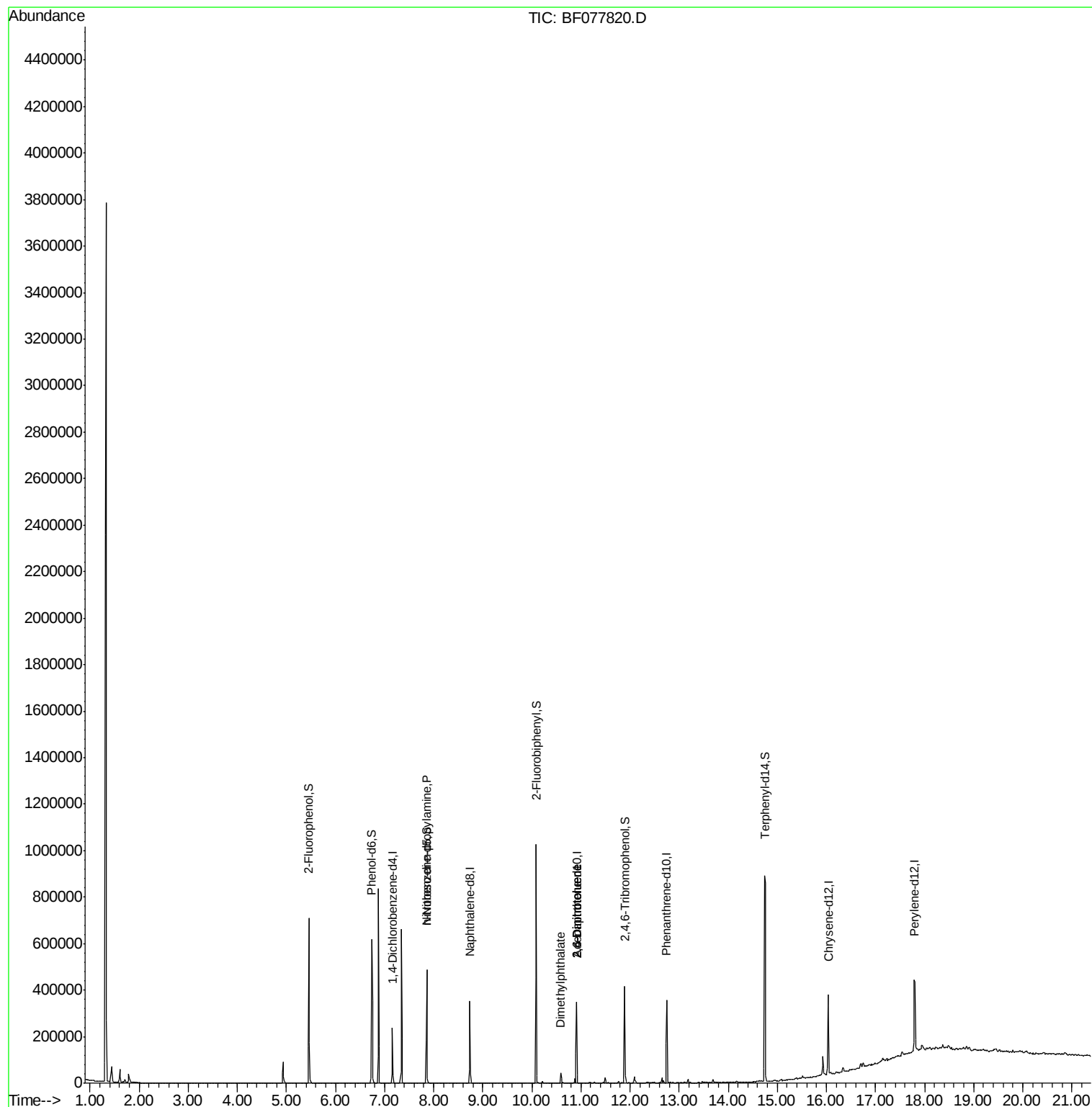
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	37186	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	164199	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	76206	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	156721	20.00	ng	0.01
75) Chrysene-d12	16.04	240	179370	20.00	ng	0.01
86) Perylene-d12	17.80	264	177280	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	229653	107.80	ng	0.02
7) Phenol-d6	6.74	99	270106	102.62	ng	0.01
23) Nitrobenzene-d5	7.86	82	171118	68.31	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	72579	99.54	ng	0.01
44) 2-Fluorobiphenyl	10.09	172	380529	73.38	ng	0.00
78) Terphenyl-d14	14.75	244	451723	61.52	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.86	70	21155	11.62	ng	# 77
49) Dimethylphthalate	10.59	163	22244	3.94	ng	97
50) 2,6-Dinitrotoluene	10.91	165	9969	8.51	ng	# 24
56) 2,4-Dinitrotoluene	10.91	165	9969	6.53	ng	# 11

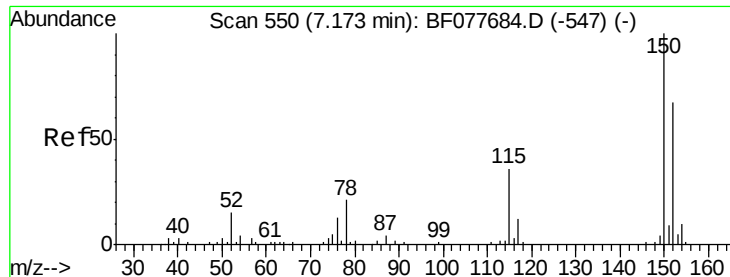
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 19 04:23:32 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: BF077820.D

Acq: 19 Mar 2015 4:44

Instrument :

BNA_F

ClientSampleId :

SB-9(7-9)

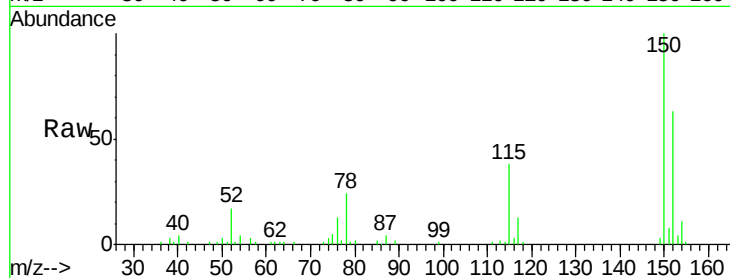
Tgt Ion:152 Resp: 37186

Ion Ratio Lower Upper

152 100

150 157.5 119.5 179.3

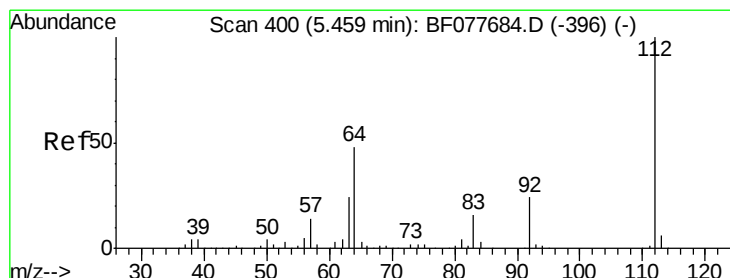
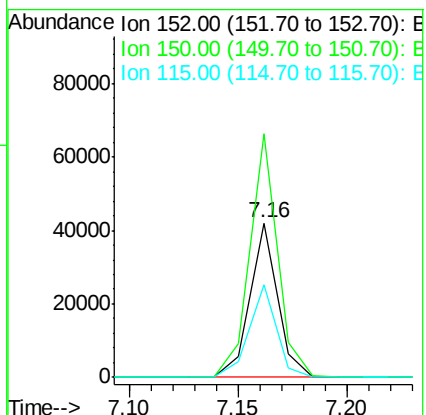
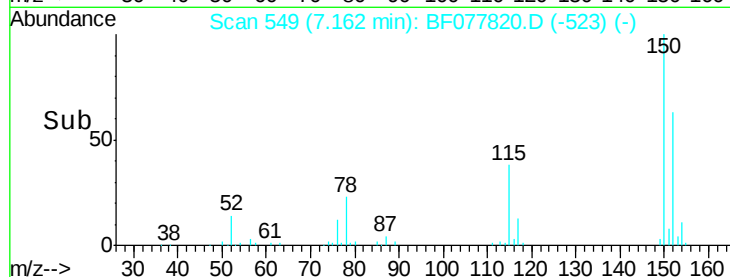
115 60.0 43.0 64.4



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: 107.80 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.02 min

Lab File: BF077820.D

Acq: 19 Mar 2015 4:44

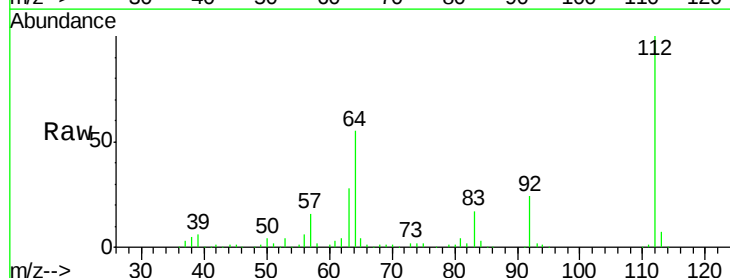
Tgt Ion:112 Resp: 229653

Ion Ratio Lower Upper

112 100

64 54.6 38.6 57.8

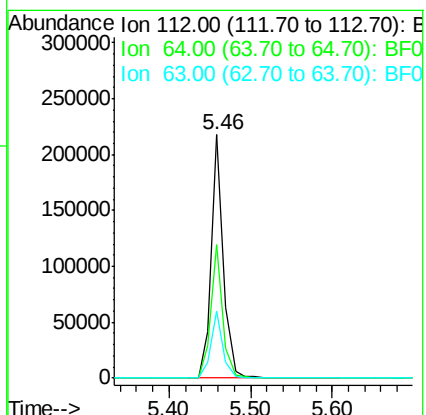
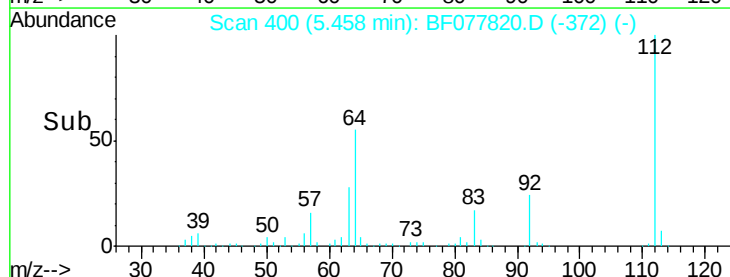
63 27.5 19.3 28.9



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: 102.62 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF077820.D

Acq: 19 Mar 2015 4:44

Instrument :

BNA_F

ClientSampleId :

SB-9(7-9)

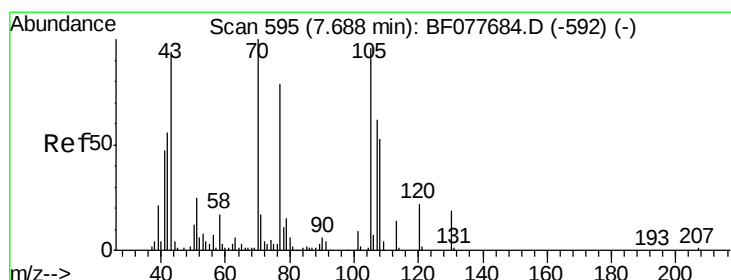
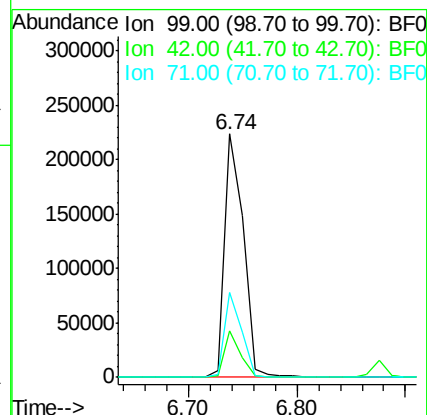
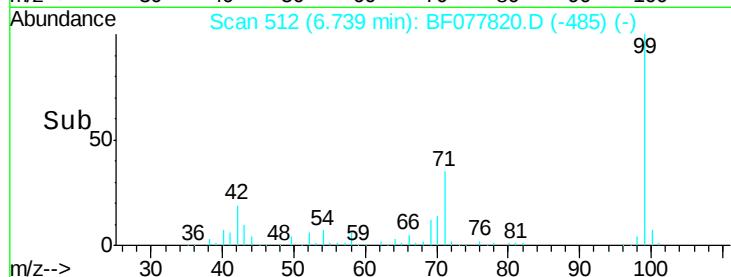
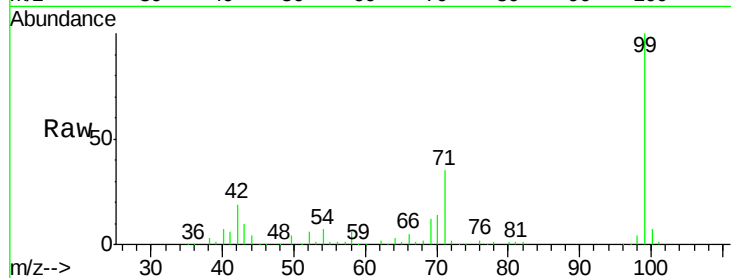
Tgt Ion: 99 Resp: 270106

Ion Ratio Lower Upper

99 100

42 19.1 11.0 16.4#

71 34.8 23.4 35.2



#19

n-Nitroso-di-n-propylamine

Concen: 11.62 ng

RT: 7.86 min Scan# 610

Delta R.T. 0.18 min

Lab File: BF077820.D

Acq: 19 Mar 2015 4:44

Tgt Ion: 70 Resp: 21155

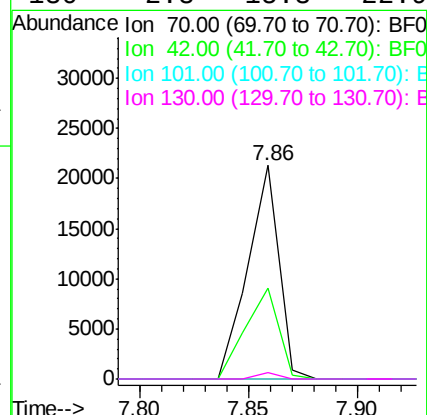
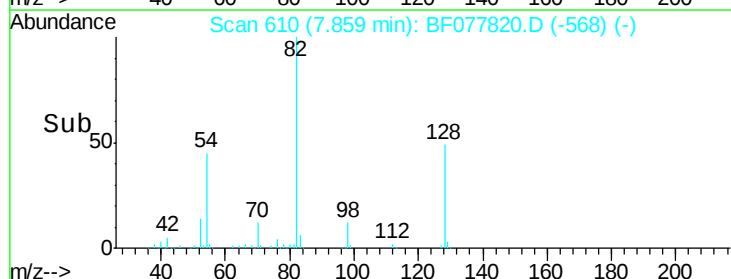
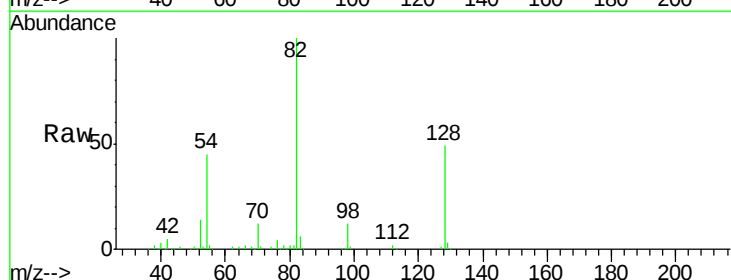
Ion Ratio Lower Upper

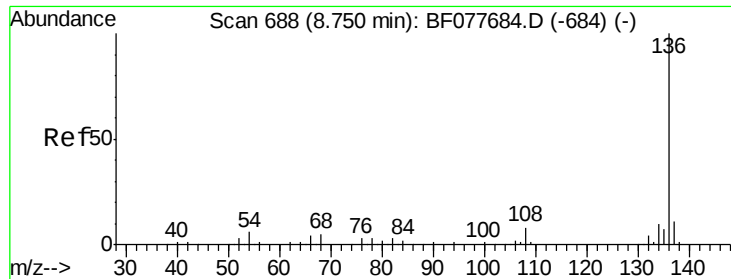
70 100

42 42.5 44.5 66.7#

101 0.0 7.4 11.2#

130 2.8 15.3 22.9#

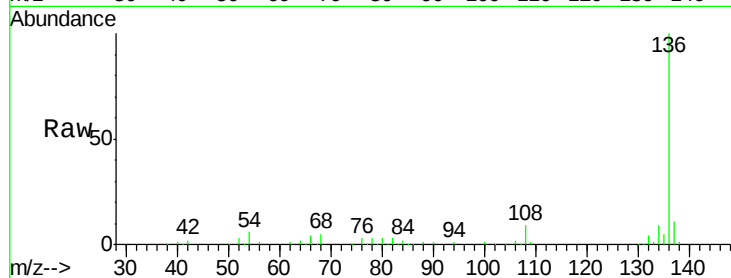




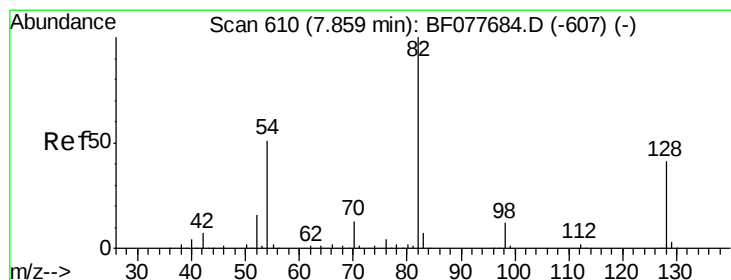
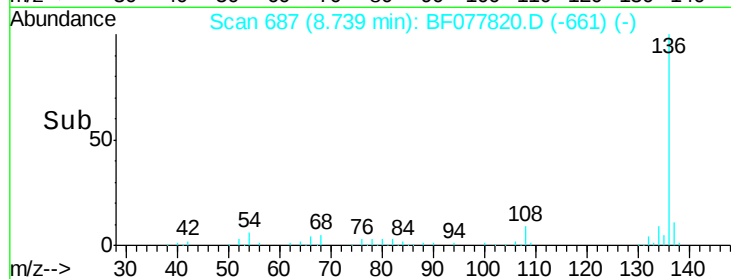
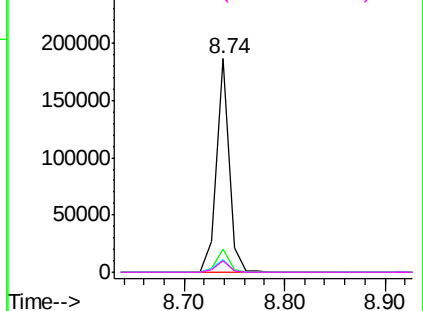
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF077820.D
Acq: 19 Mar 2015 4:44

Instrument :
BNA_F
ClientSampleId :
SB-9(7-9)

Tgt Ion:	136	Resp:	164199
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.2	4.6	6.8
68	5.2	3.7	5.5

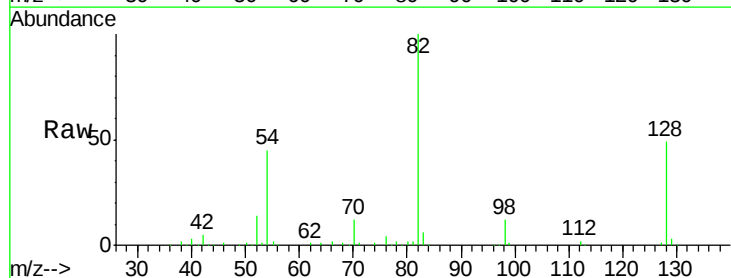


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

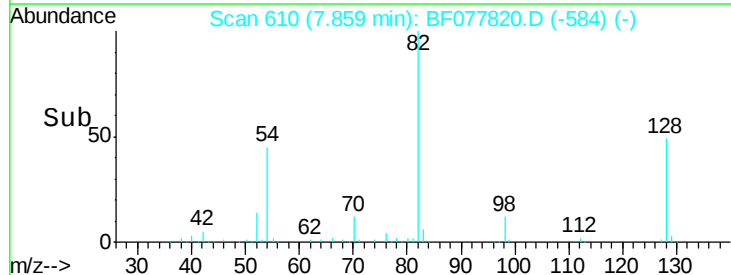
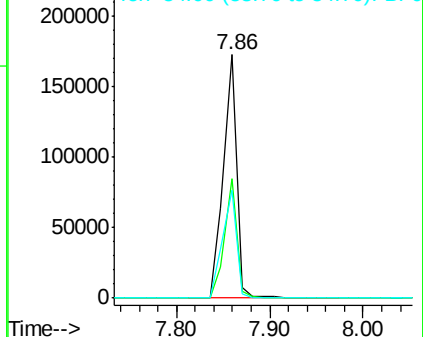


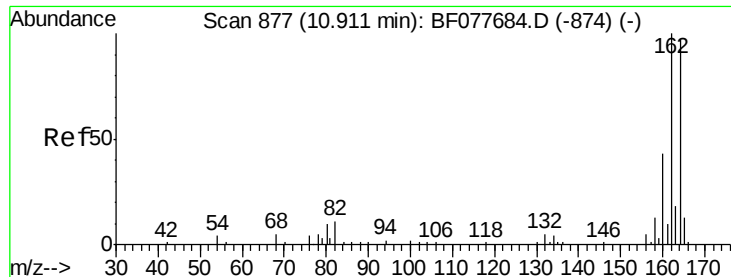
#23
Nitrobenzene-d5
Concen: 68.31 ng
RT: 7.86 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF077820.D
Acq: 19 Mar 2015 4:44

Tgt Ion:	82	Resp:	171118
Ion	Ratio	Lower	Upper
82	100		
128	49.2	32.8	49.2
54	44.5	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: 10.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF077820.D

Acq: 19 Mar 2015 4:44

Instrument :

BNA_F

ClientSampled :

SB-9(7-9)

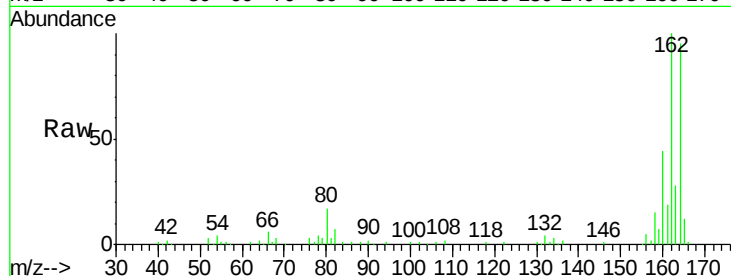
Tgt Ion:164 Resp: 76206

Ion Ratio Lower Upper

164 100

162 105.7 82.4 123.6

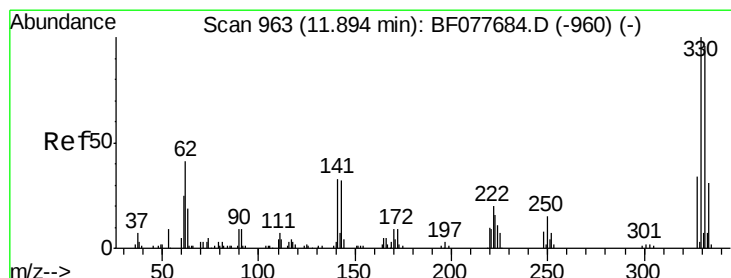
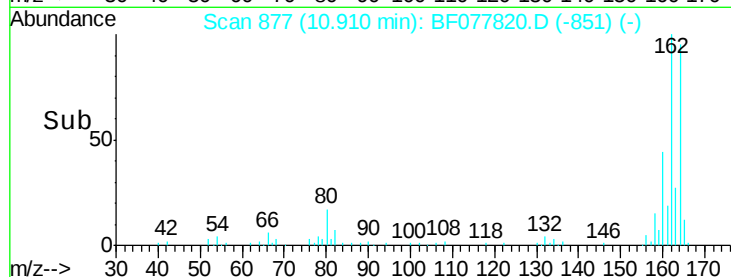
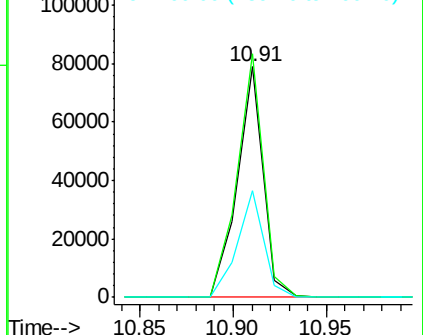
160 46.0 35.8 53.6



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: 99.54 ng

RT: 11.89 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF077820.D

Acq: 19 Mar 2015 4:44

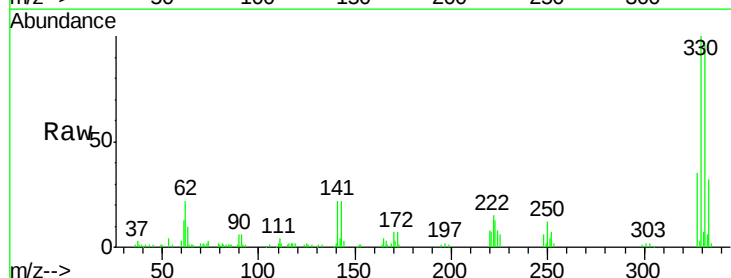
Tgt Ion:330 Resp: 72579

Ion Ratio Lower Upper

330 100

332 97.0 0.0 0.0#

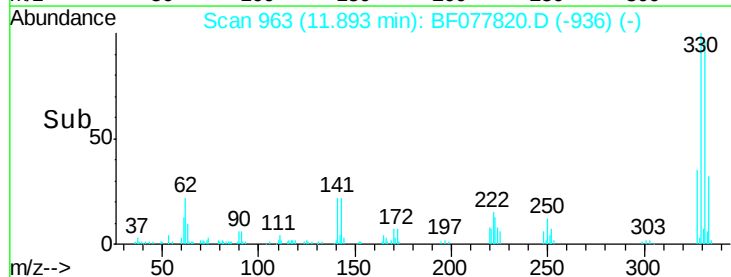
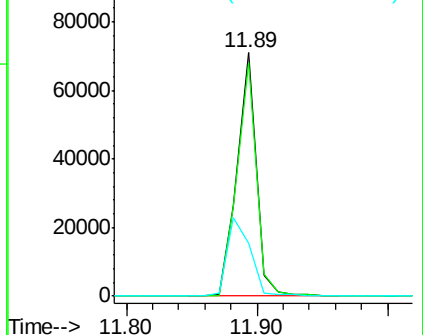
141 38.7 0.0 0.0#

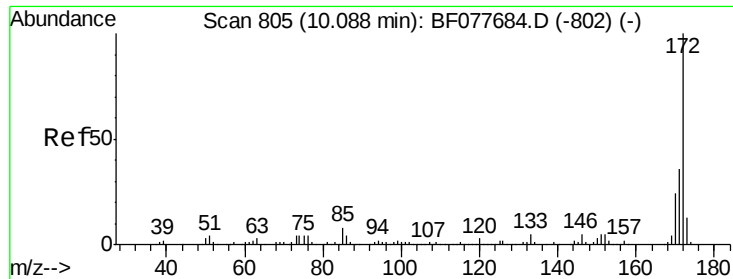


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

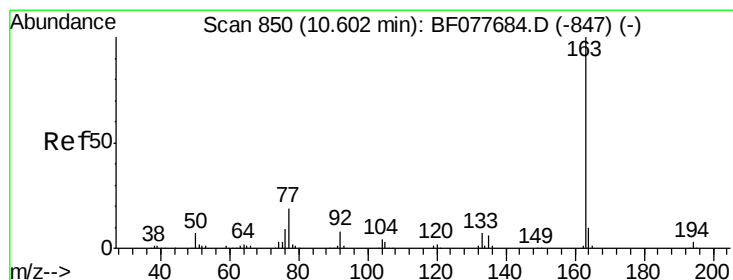
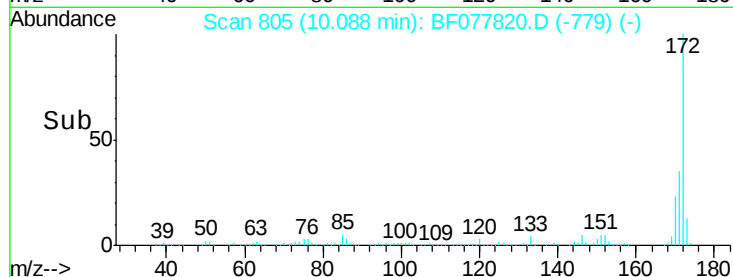
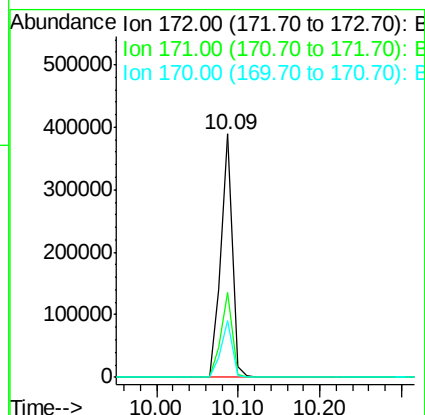
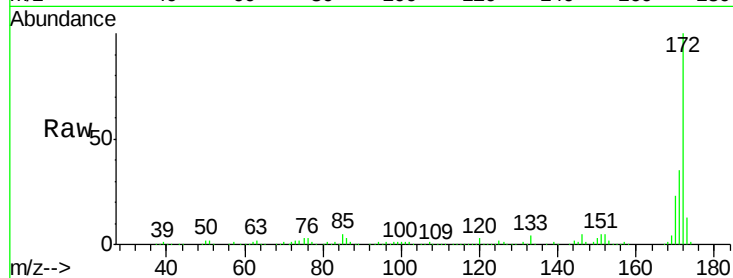




#44
 2-Fluorobiphenyl
 Concen: 73.38 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077820.D
 Acq: 19 Mar 2015 4:44

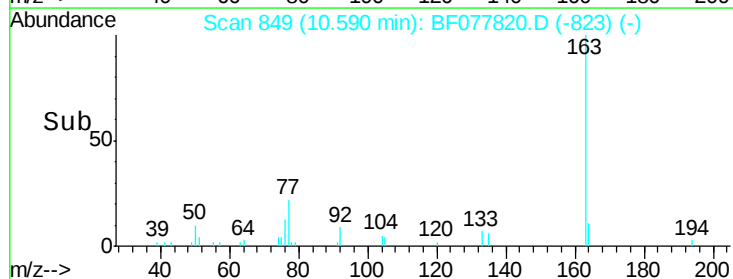
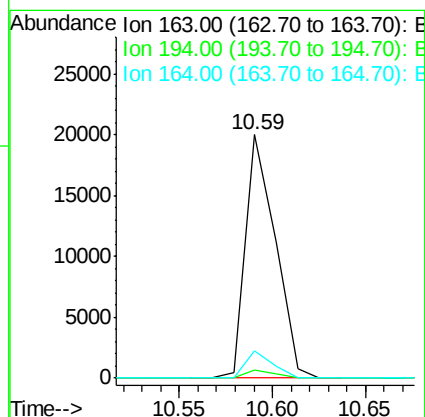
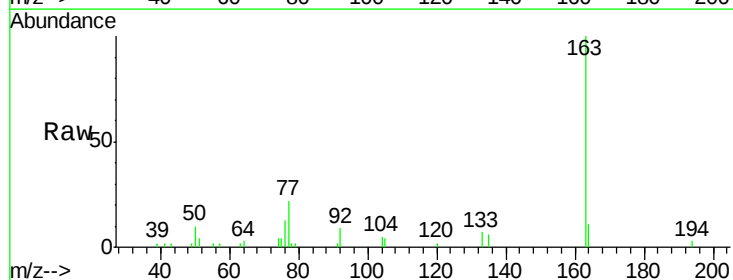
Instrument :
 BNA_F
 ClientSampleId :
 SB-9(7-9)

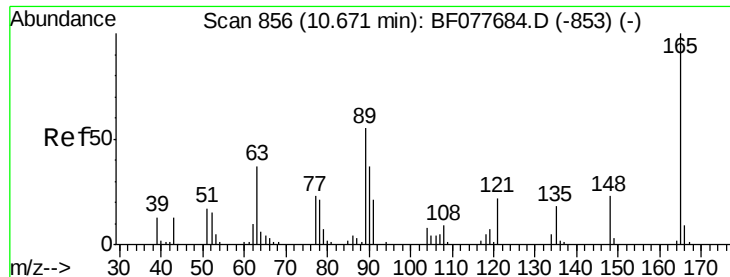
Tgt Ion:172 Resp: 380529
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.4 18.8 28.2



#49
 Dimethylphthalate
 Concen: 3.94 ng
 RT: 10.59 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF077820.D
 Acq: 19 Mar 2015 4:44

Tgt Ion:163 Resp: 22244
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.7 4.1
 164 11.4 8.2 12.2

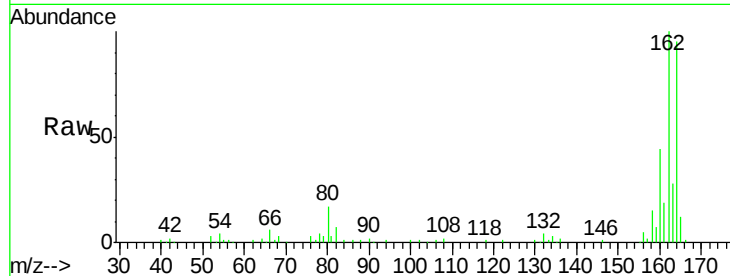




#50
 2,6-Dinitrotoluene
 Concen: 8.51 ng
 RT: 10.91 min Scan# 877
 Delta R.T. 0.24 min
 Lab File: BF077820.D
 Acq: 19 Mar 2015 4:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(7-9)

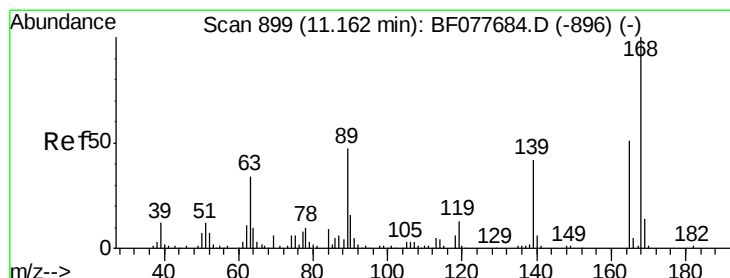
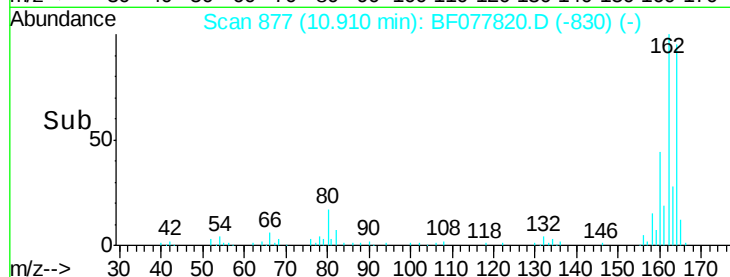
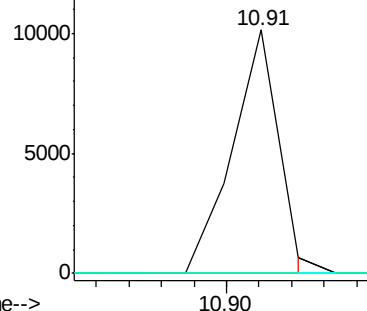
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



Abundance Ion 165.00 (164.70 to 165.70): E

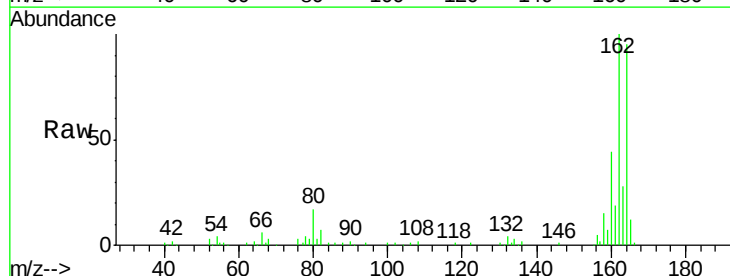
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.53 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.25 min
 Lab File: BF077820.D
 Acq: 19 Mar 2015 4:44

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#

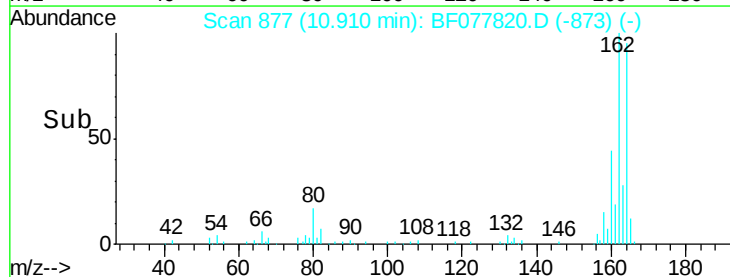
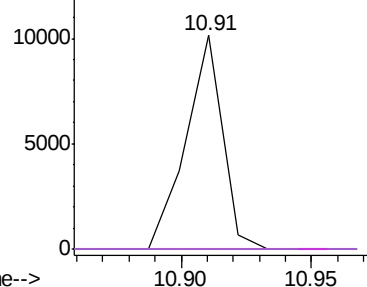


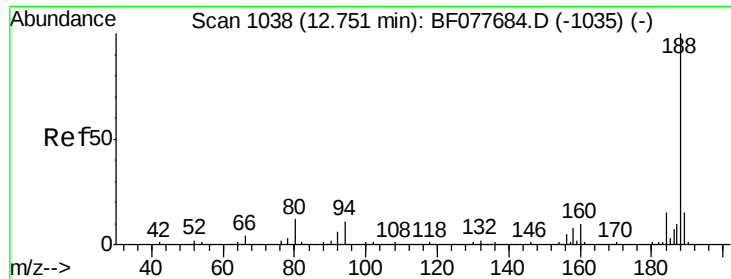
Abundance Ion 165.00 (164.70 to 165.70): E

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

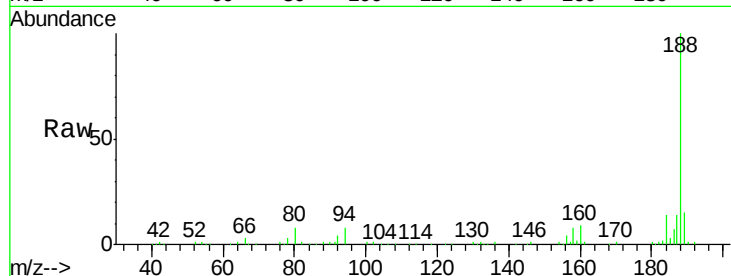




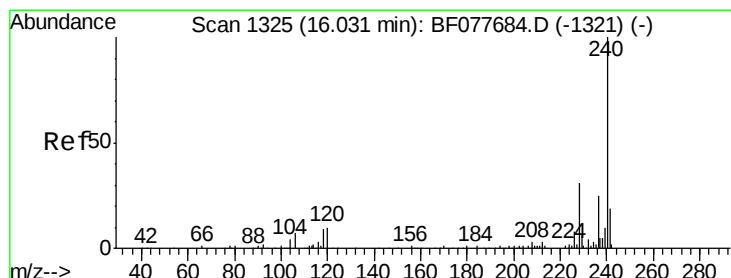
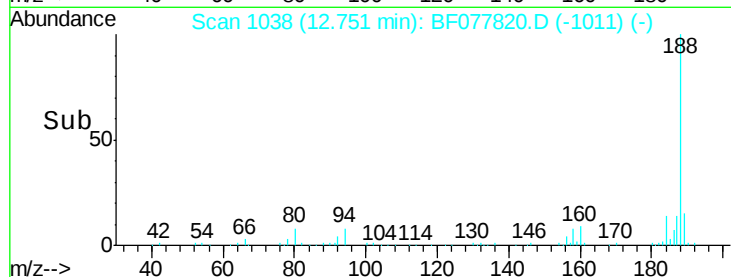
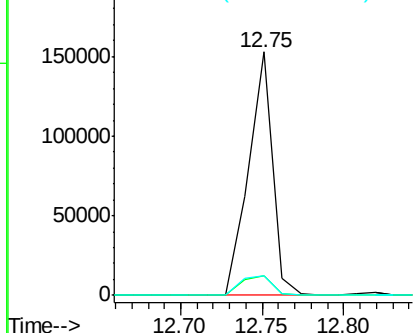
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF077820.D
Acq: 19 Mar 2015 4:44

Instrument :
BNA_F
ClientSampleId :
SB-9(7-9)

Tgt Ion:188 Resp: 156721
Ion Ratio Lower Upper
188 100
94 8.1 8.7 13.1#
80 8.0 9.3 13.9#

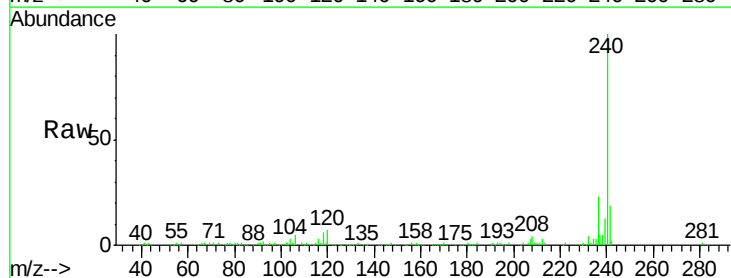


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

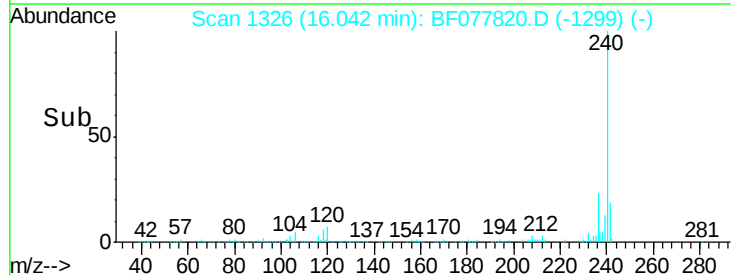
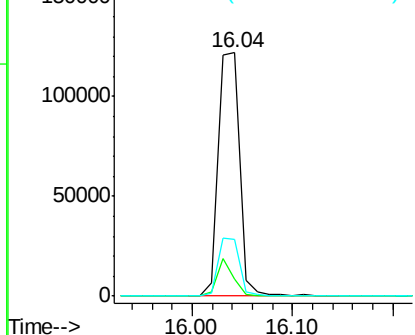


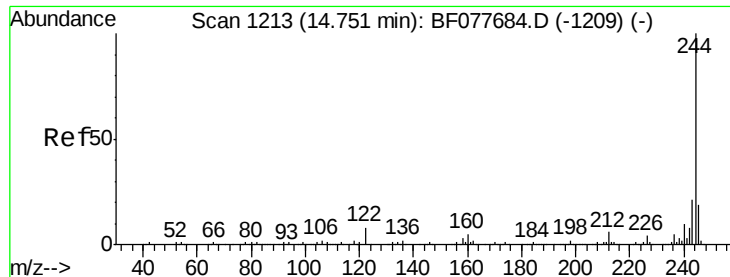
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.04 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF077820.D
Acq: 19 Mar 2015 4:44

Tgt Ion:240 Resp: 179370
Ion Ratio Lower Upper
240 100
120 7.2 8.2 12.2#
236 23.4 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: 61.52 ng

RT: 14.75 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BF077820.D

Acq: 19 Mar 2015 4:44

Instrument :

BNA_F

ClientSampleId :

SB-9(7-9)

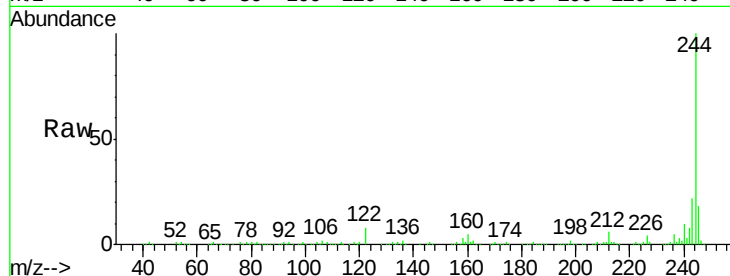
Tgt Ion:244 Resp: 451723

Ion Ratio Lower Upper

244 100

212 5.8 4.9 7.3

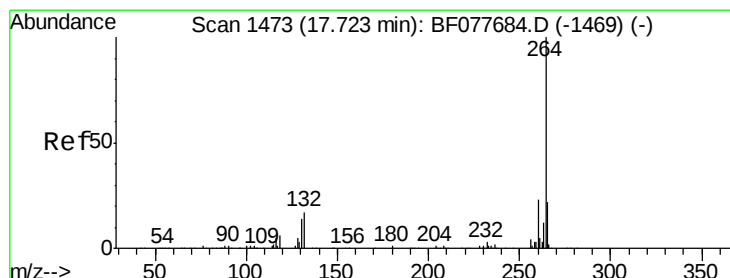
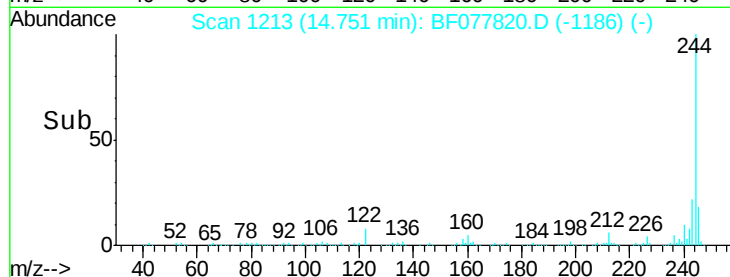
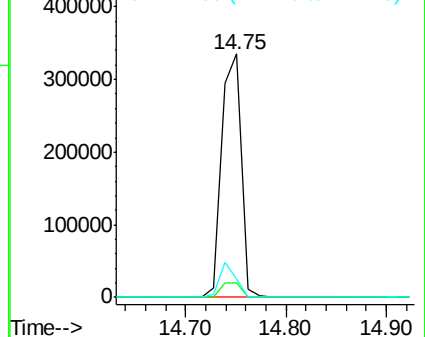
122 7.6 6.2 9.4



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: 17.80 min Scan# 1480

Delta R.T. 0.06 min

Lab File: BF077820.D

Acq: 19 Mar 2015 4:44

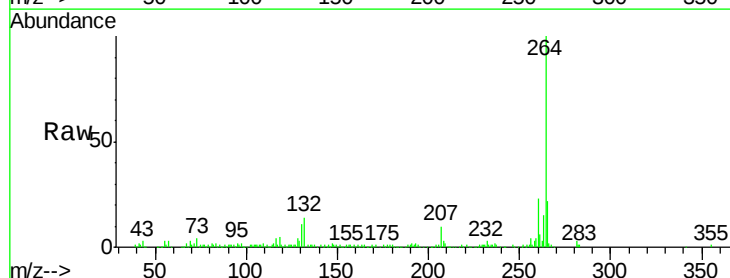
Tgt Ion:264 Resp: 177280

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.6 17.3 25.9



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

