

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077922.D
 Acq On : 24 Mar 2015 20:19
 Operator : TP/IZ
 Sample : G1613-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Quant Time: Mar 25 00:12:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 00:51:55 2015
 Response via : Initial Calibration

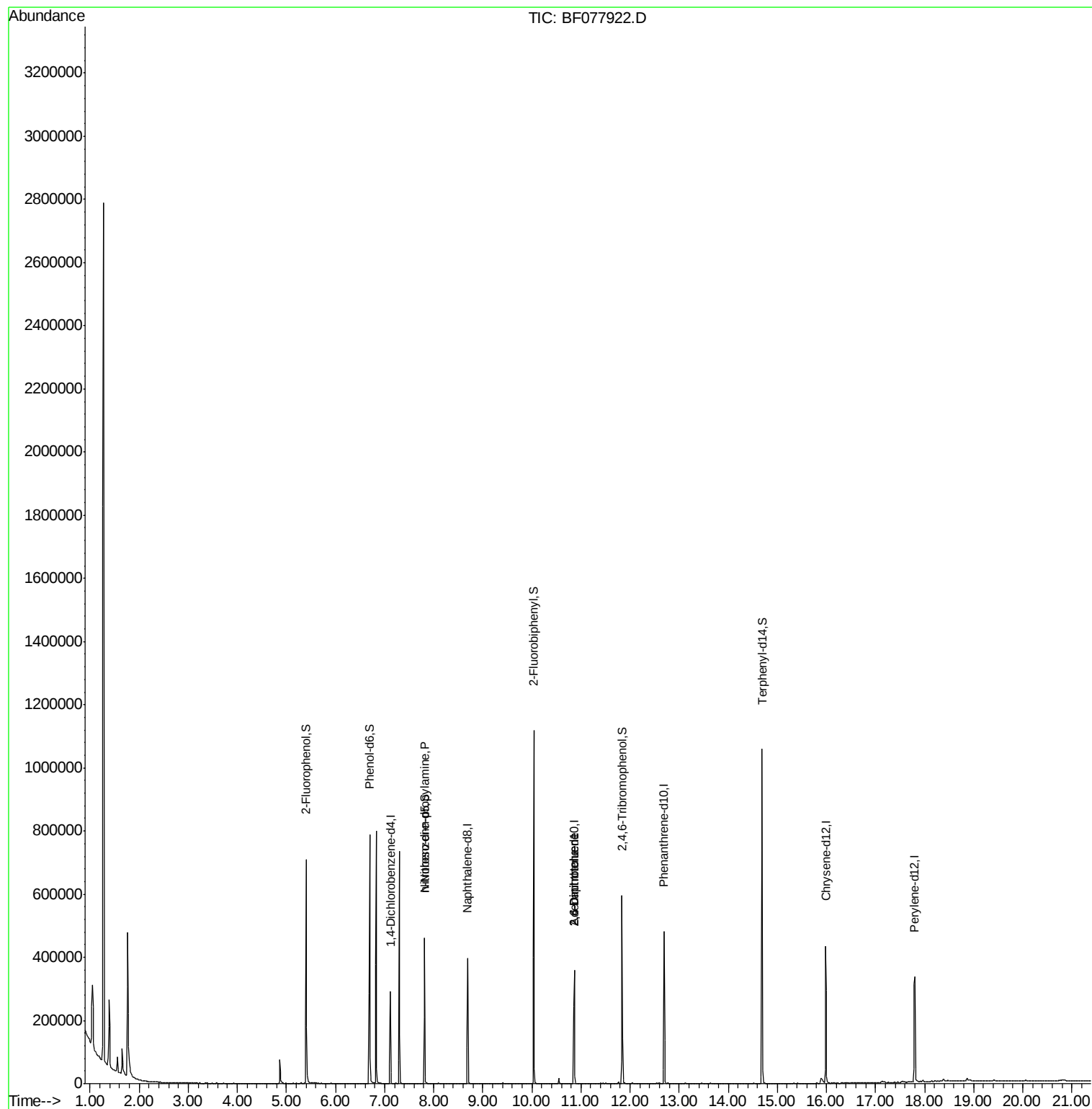
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	47558	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	195703	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	97302	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	192505	20.00	ng	0.00
75) Chrysene-d12	15.99	240	213757	20.00	ng	0.01
86) Perylene-d12	17.80	264	196651	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	237475	87.16	ng	0.00
7) Phenol-d6	6.69	99	311727	92.60	ng	0.00
23) Nitrobenzene-d5	7.81	82	170994	57.27	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	67263	72.25	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	392054	59.21	ng	0.00
78) Terphenyl-d14	14.69	244	468526	53.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.81	70	21927	9.42	ng	# 75
50) 2,6-Dinitrotoluene	10.86	165	12649	8.46	ng	# 24
56) 2,4-Dinitrotoluene	10.86	165	12650	6.48	ng	# 11

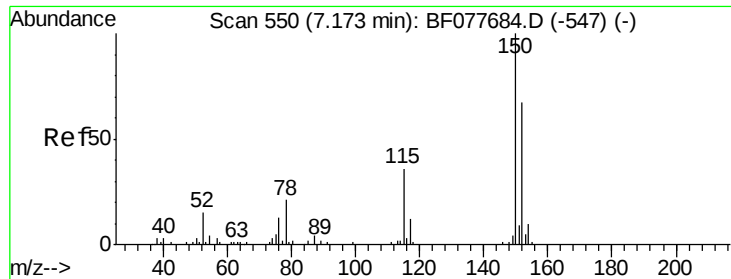
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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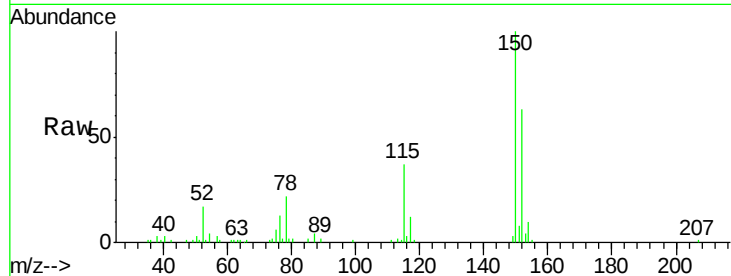


#1

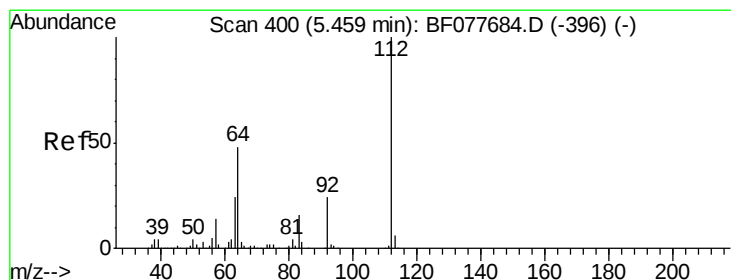
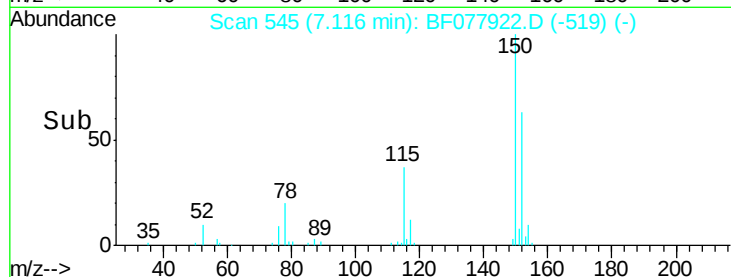
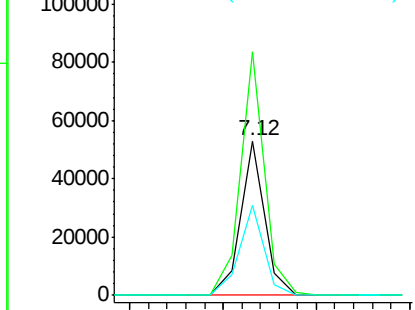
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.12 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: BF077922.D
 Acq: 24 Mar 2015 20:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-10

Tgt Ion:152 Resp: 47558
 Ion Ratio Lower Upper
 152 100
 150 158.1 119.5 179.3
 115 58.1 43.0 64.4



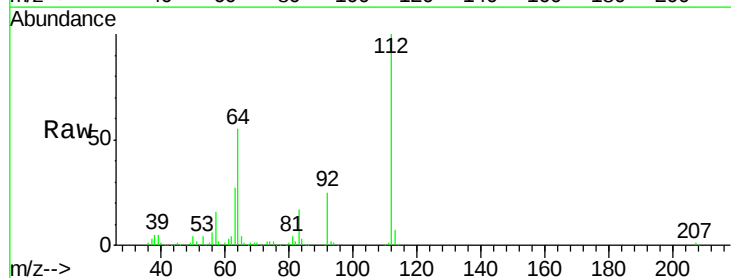
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



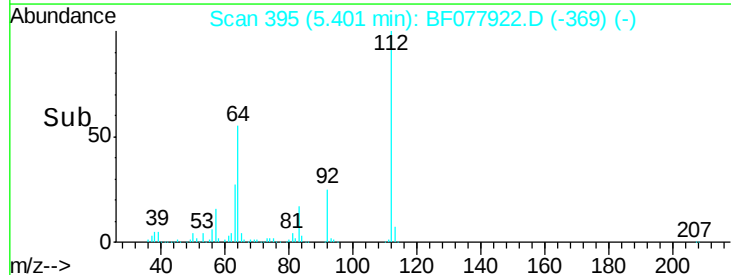
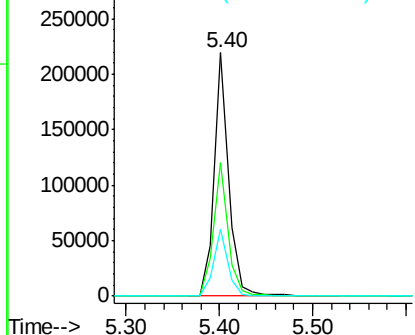
#5

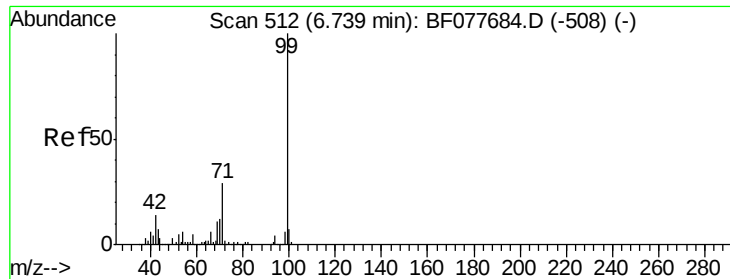
2-Fluorophenol
 Concen: 87.16 ng
 RT: 5.40 min Scan# 395
 Delta R.T. -0.00 min
 Lab File: BF077922.D
 Acq: 24 Mar 2015 20:19

Tgt Ion:112 Resp: 237475
 Ion Ratio Lower Upper
 112 100
 64 54.7 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: 92.60 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077922.D

Acq: 24 Mar 2015 20:19

Instrument :

BNA_F

ClientSampleId :

SB-10

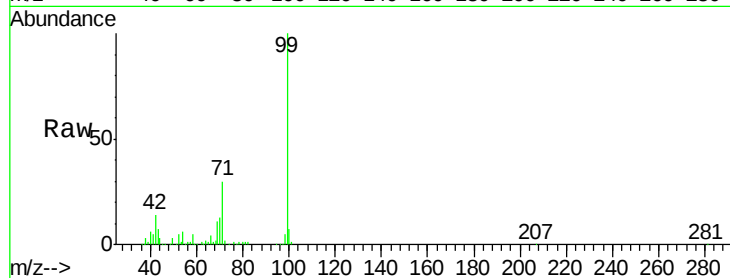
Tgt Ion: 99 Resp: 311727

Ion Ratio Lower Upper

99 100

42 14.4 11.0 16.4

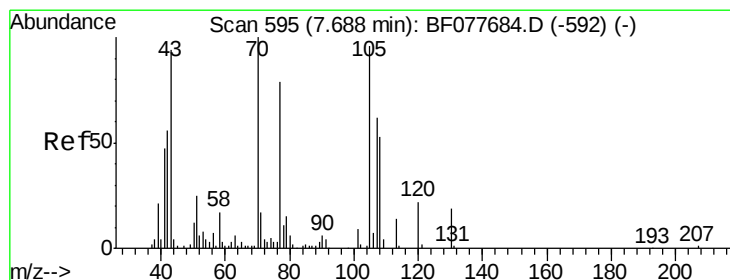
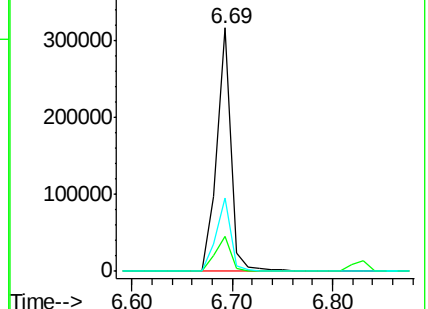
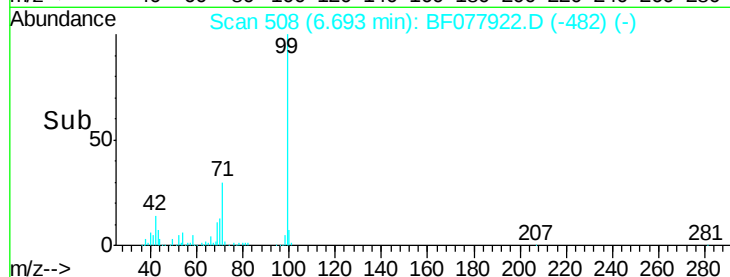
71 30.2 23.4 35.2



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: 9.42 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.17 min

Lab File: BF077922.D

Acq: 24 Mar 2015 20:19

Tgt Ion: 70 Resp: 21927

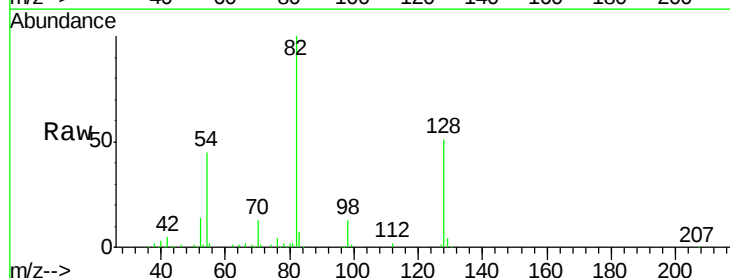
Ion Ratio Lower Upper

70 100

42 40.6 44.5 66.7#

101 0.0 7.4 11.2#

130 2.8 15.3 22.9#

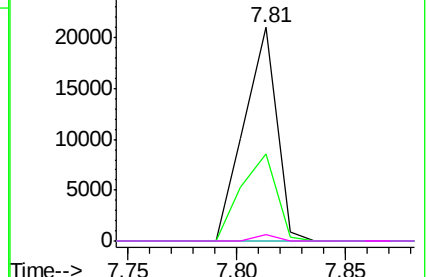
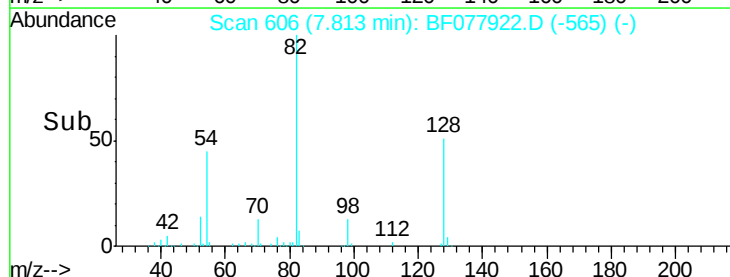


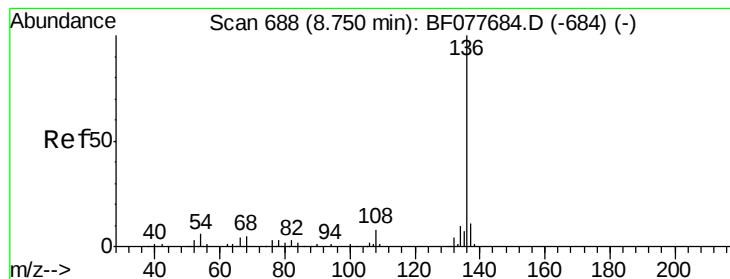
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.69 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF077922.D

Acq: 24 Mar 2015 20:19

Instrument :

BNA_F

ClientSampleId :

SB-10

Tgt Ion:136 Resp: 195703

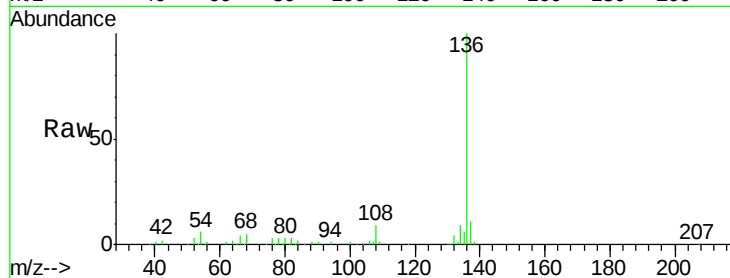
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.1 4.6 6.8

68 5.0 3.7 5.5

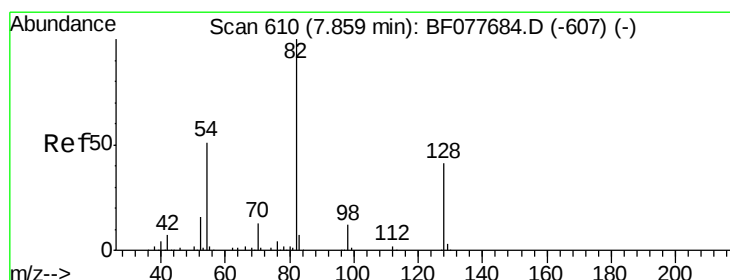
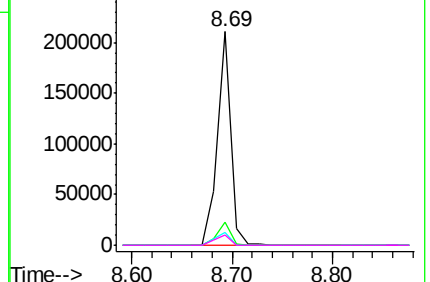
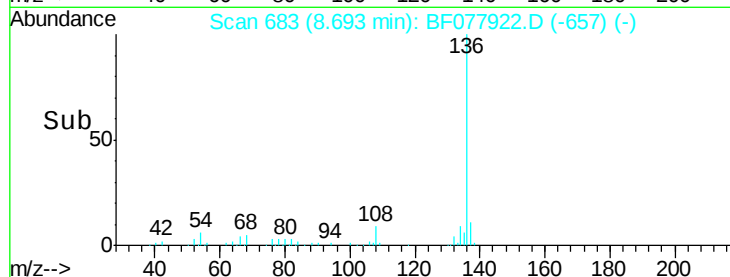


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.27 ng

RT: 7.81 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF077922.D

Acq: 24 Mar 2015 20:19

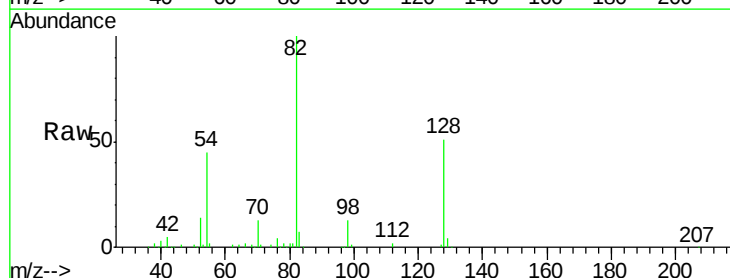
Tgt Ion: 82 Resp: 170994

Ion Ratio Lower Upper

82 100

128 51.2 32.8 49.2#

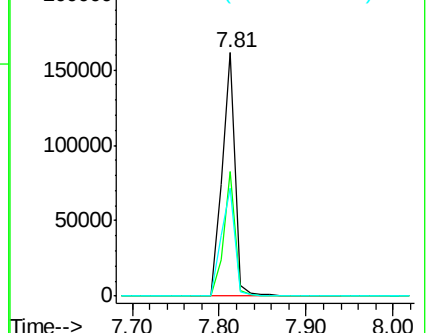
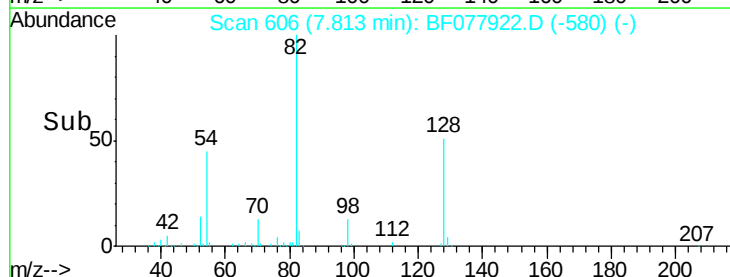
54 44.5 40.6 60.8

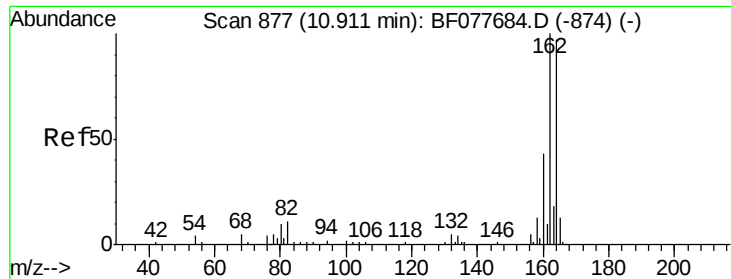


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

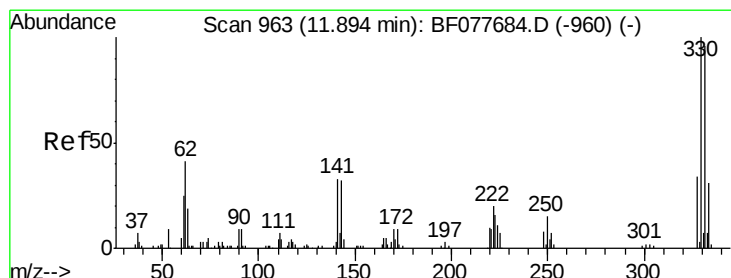
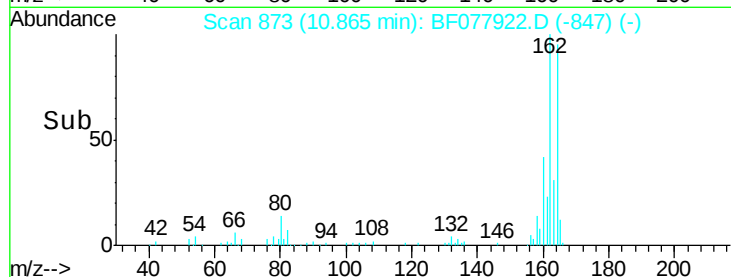
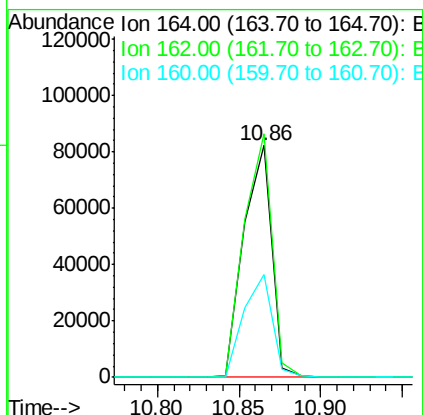
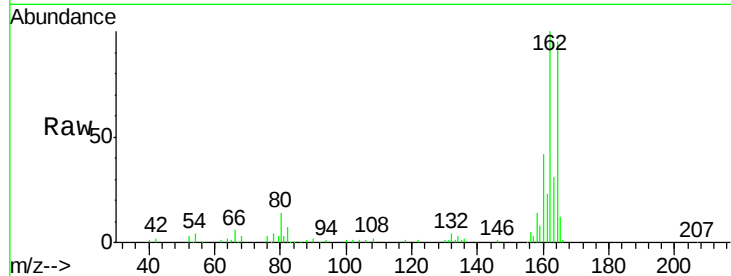




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BF077922.D
 Acq: 24 Mar 2015 20:19

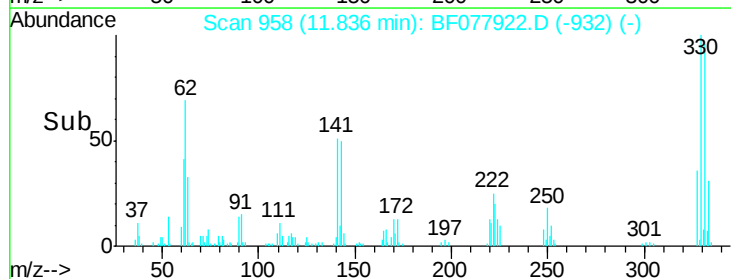
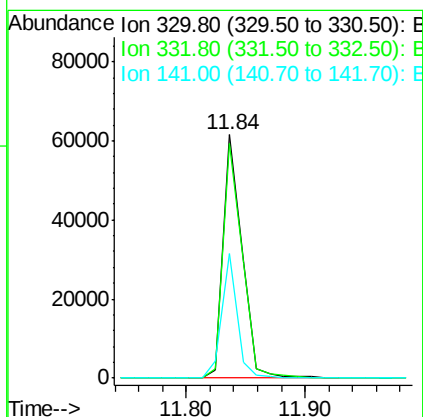
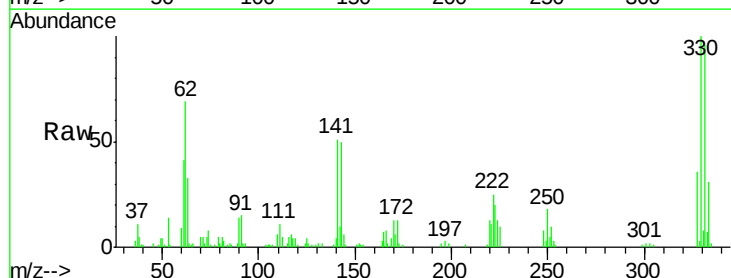
Instrument :
 BNA_F
 ClientSampleId :
 SB-10

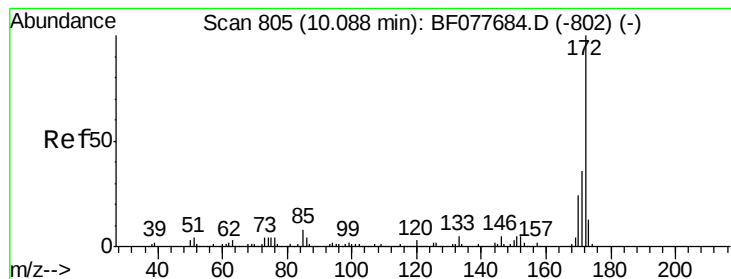
Tgt Ion:164 Resp: 97302
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.4 123.6
 160 44.6 35.8 53.6



#41
 2,4,6-Tribromophenol
 Concen: 72.25 ng
 RT: 11.84 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BF077922.D
 Acq: 24 Mar 2015 20:19

Tgt Ion:330 Resp: 67263
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 41.8 0.0 0.0#

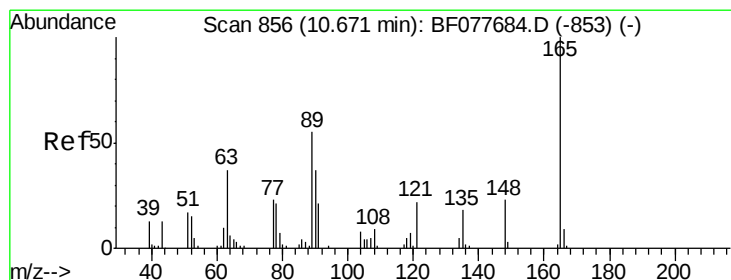
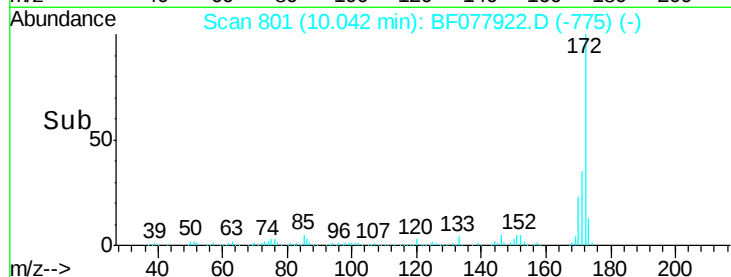
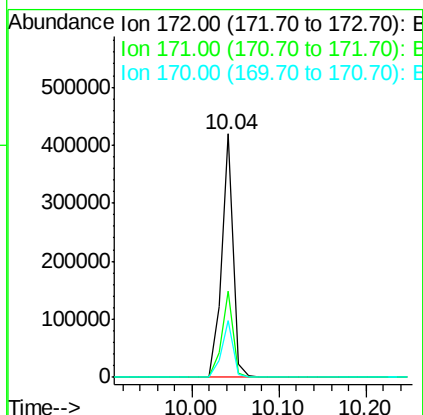
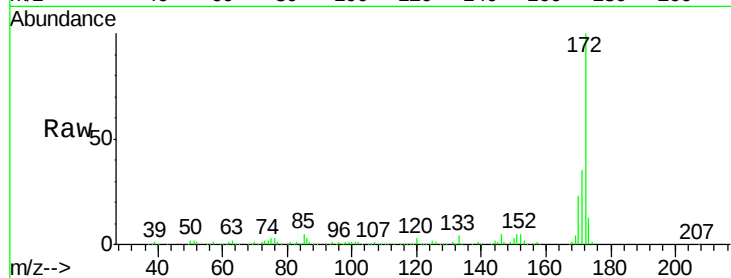




#44
 2-Fluorobiphenyl
 Concen: 59.21 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077922.D
 Acq: 24 Mar 2015 20:19

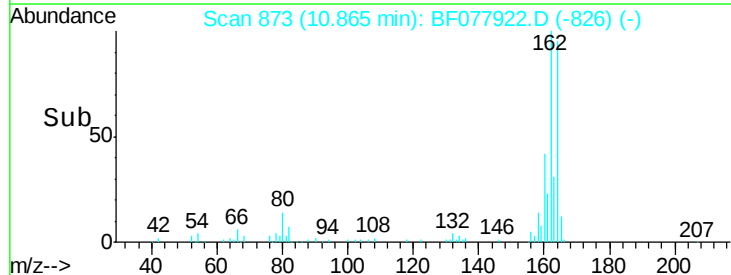
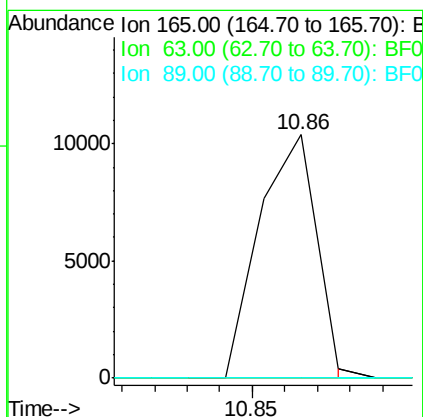
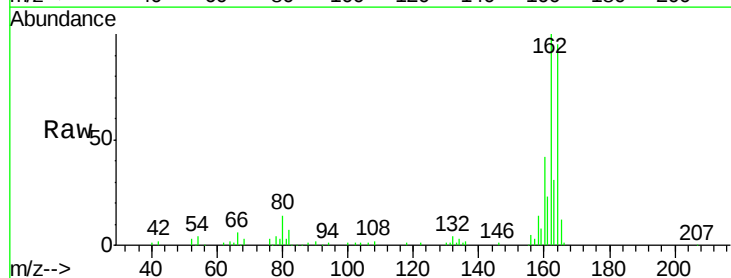
Instrument :
 BNA_F
 ClientSampled :
 SB-10

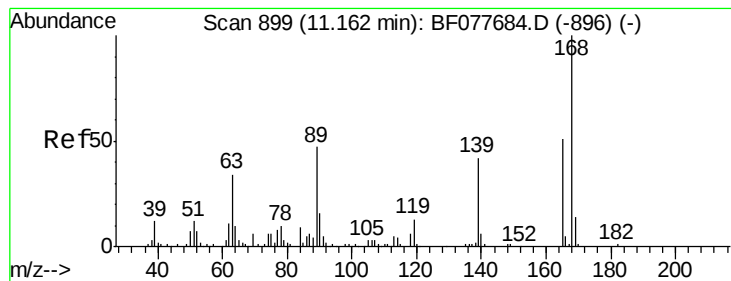
Tgt Ion:172 Resp: 392054
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.3 18.8 28.2



#50
 2,6-Dinitrotoluene
 Concen: 8.46 ng
 RT: 10.86 min Scan# 873
 Delta R.T. 0.24 min
 Lab File: BF077922.D
 Acq: 24 Mar 2015 20:19

Tgt Ion:165 Resp: 12649
 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: 6.48 ng

RT: 10.86 min Scan# 873

Delta R.T. -0.25 min

Lab File: BF077922.D

Acq: 24 Mar 2015 20:19

Instrument :

BNA_F

ClientSampleId :

SB-10

Tgt Ion:165 Resp: 12650

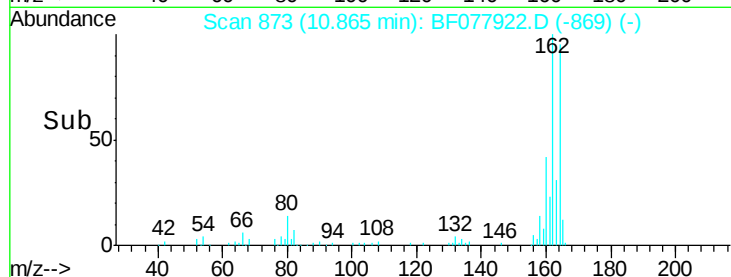
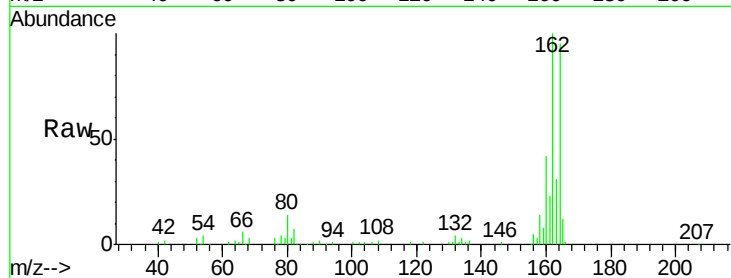
Ion Ratio Lower Upper

165 100

63 0.0 52.4 78.6#

89 0.0 72.4 108.6#

182 0.0 2.0 3.0#

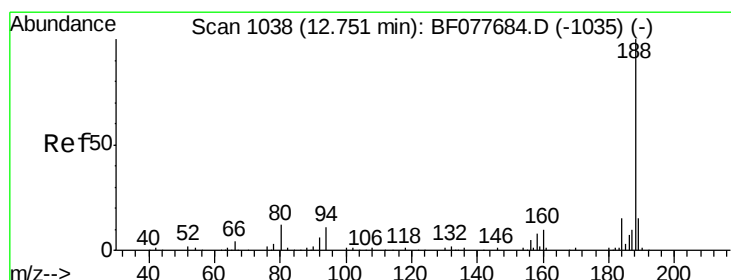
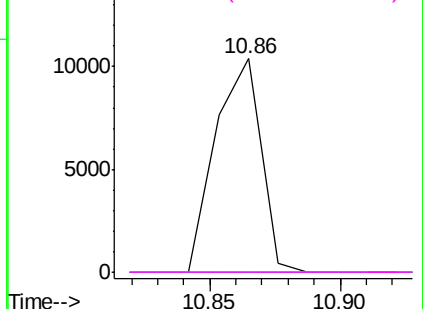


Abundance Ion 165.00 (164.70 to 165.70): E

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: 12.69 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF077922.D

Acq: 24 Mar 2015 20:19

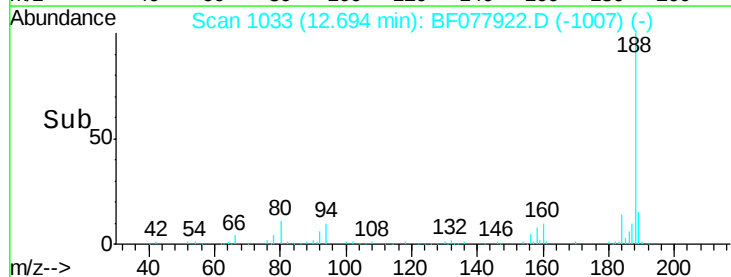
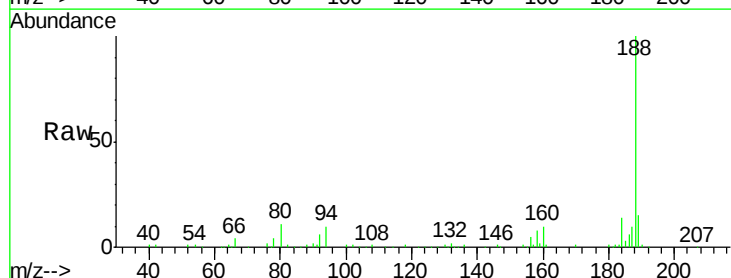
Tgt Ion:188 Resp: 192505

Ion Ratio Lower Upper

188 100

94 10.3 8.7 13.1

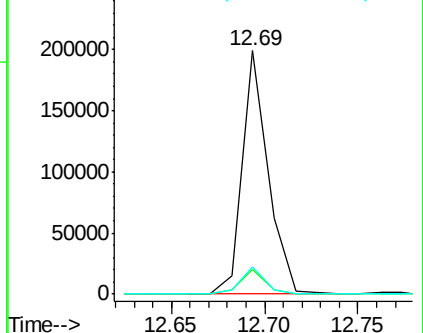
80 11.3 9.3 13.9

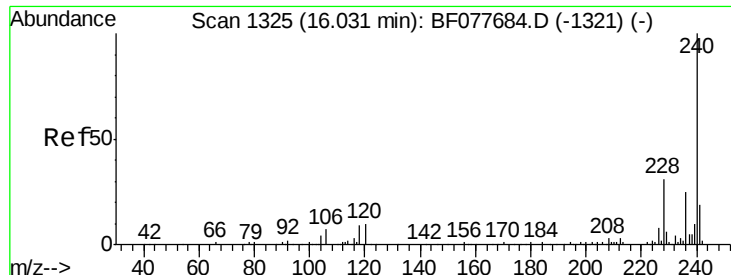


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

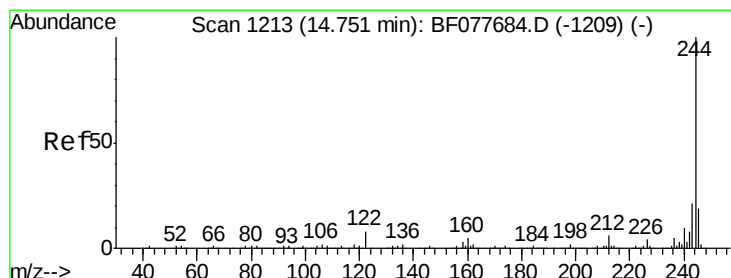
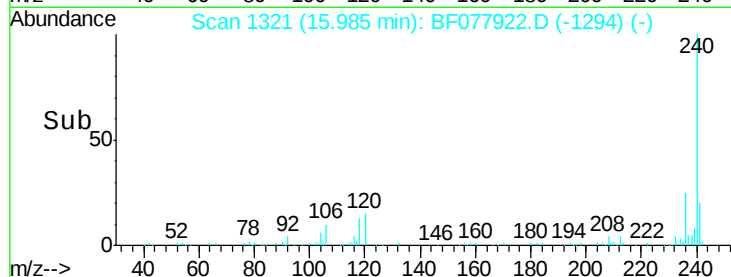
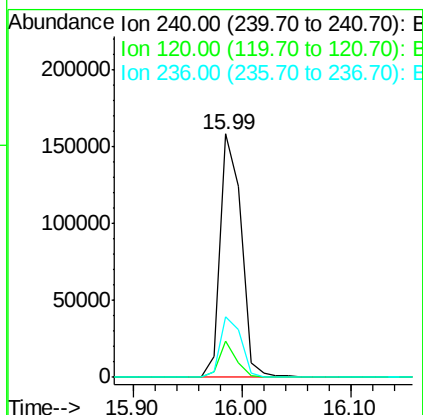
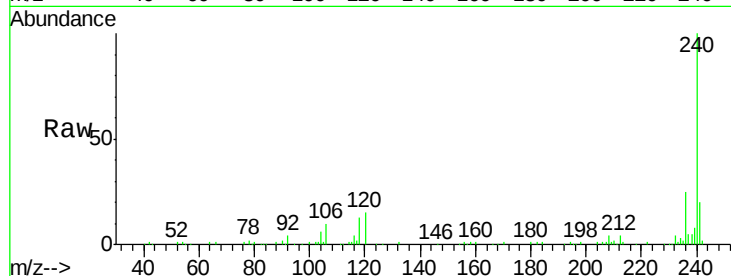




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF077922.D
Acq: 24 Mar 2015 20:19

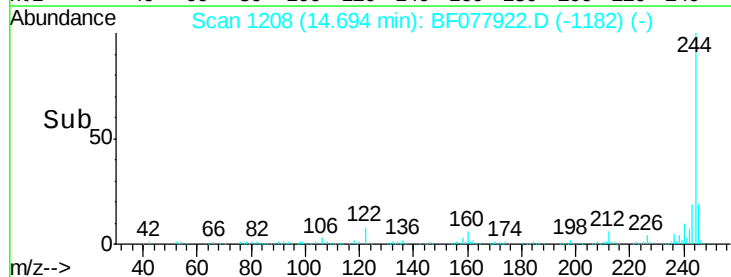
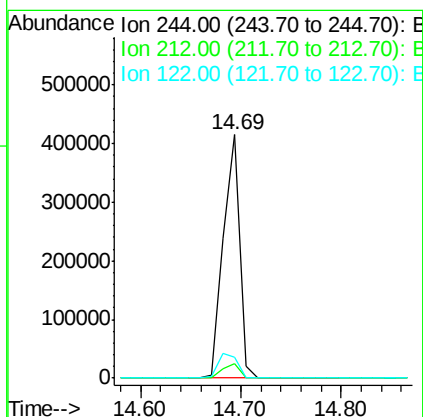
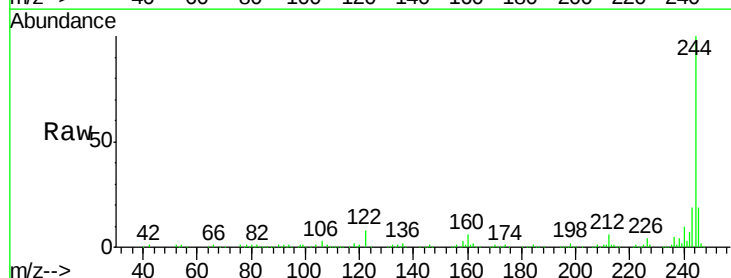
Instrument :
BNA_F
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SB-10

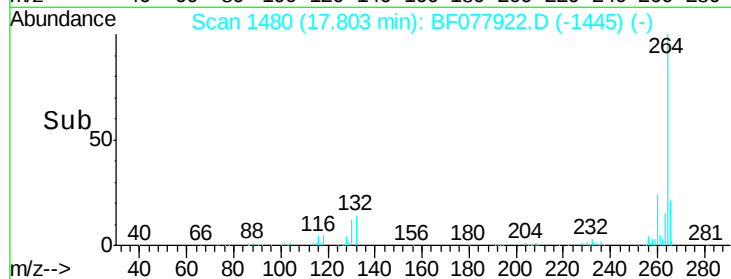
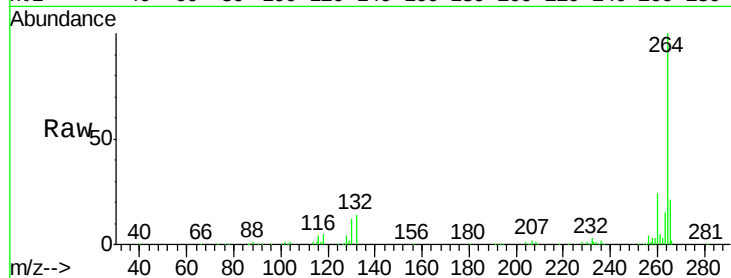
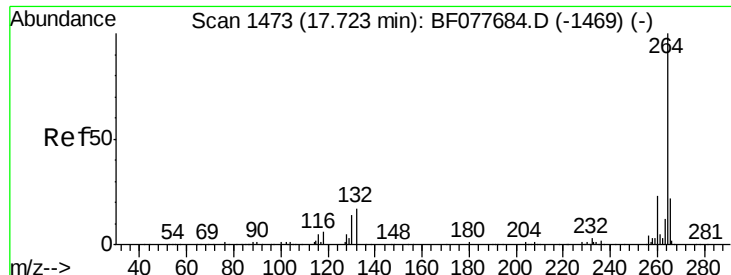
Tgt Ion:240 Resp: 213757
Ion Ratio Lower Upper
240 100
120 14.7 8.2 12.2#
236 25.0 20.0 30.0



#78
Terphenyl-d14
Concen: 53.54 ng
RT: 14.69 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF077922.D
Acq: 24 Mar 2015 20:19

Tgt Ion:244 Resp: 468526
Ion Ratio Lower Upper
244 100
212 6.1 4.9 7.3
122 8.5 6.2 9.4





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.80 min Scan# 1480

Delta R.T. 0.10 min

Lab File: BF077922.D

Acq: 24 Mar 2015 20:19

Instrument :

BNA_F

ClientSampleId :

SB-10

Tgt Ion:264 Resp: 196651

Ion Ratio Lower Upper

264 100

260 24.4 18.6 27.8

265 21.4 17.3 25.9

