

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077921.D
 Acq On : 24 Mar 2015 19:50
 Operator : TP/IZ
 Sample : G1613-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-2

Quant Time: Mar 25 00:11:46 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

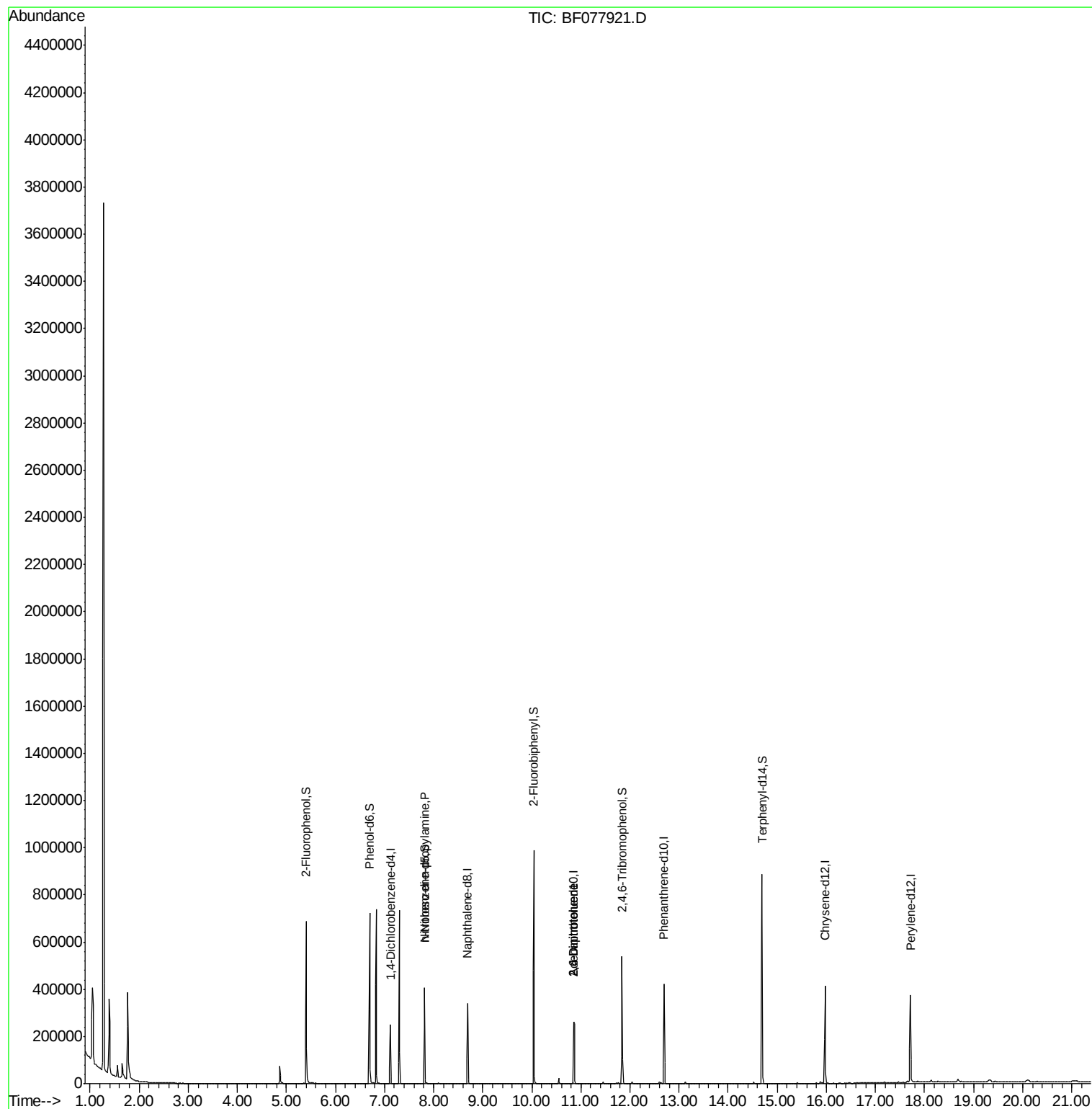
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	42512	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	168125	20.00	ng	0.00
38) Acenaphthene-d10	10.85	164	82770	20.00	ng	-0.01
63) Phenanthrene-d10	12.69	188	165187	20.00	ng	0.00
75) Chrysene-d12	15.97	240	180014	20.00	ng	0.00
86) Perylene-d12	17.71	264	167878	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	233408	95.84	ng	0.00
7) Phenol-d6	6.69	99	303660	100.92	ng	0.00
23) Nitrobenzene-d5	7.81	82	163239	63.65	ng	0.00
41) 2,4,6-Tribromophenol	11.84	330	63846	80.62	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	376968	66.93	ng	0.00
78) Terphenyl-d14	14.69	244	445873	60.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.81	70	19631	9.43	ng	# 78
50) 2,6-Dinitrotoluene	10.85	165	10490	8.24	ng	# 24
56) 2,4-Dinitrotoluene	10.85	165	10491	6.32	ng	# 11

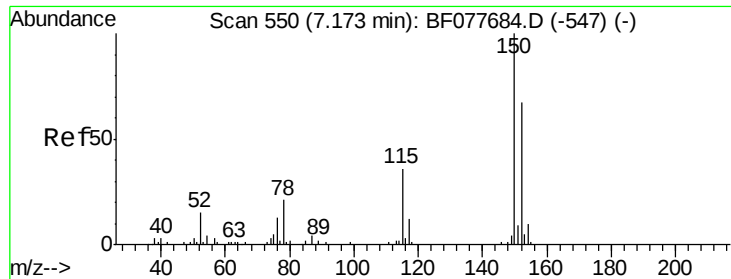
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 25 00:51:55 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.12 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF077921.D

Acq: 24 Mar 2015 19:50

Instrument :

BNA_F

ClientSampleId :

SB-3-2

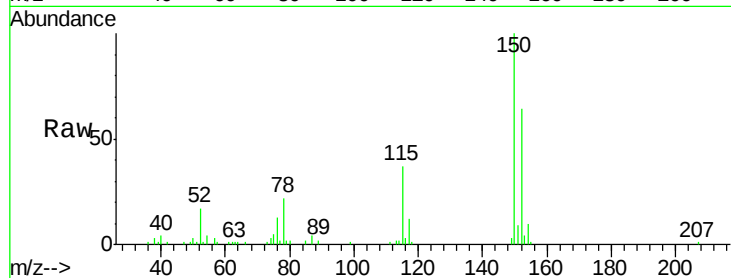
Tgt Ion:152 Resp: 42512

Ion Ratio Lower Upper

152 100

150 155.9 119.5 179.3

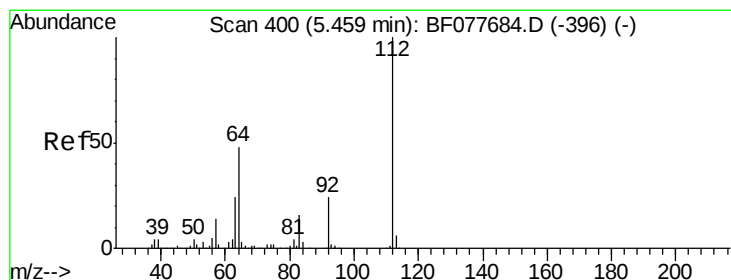
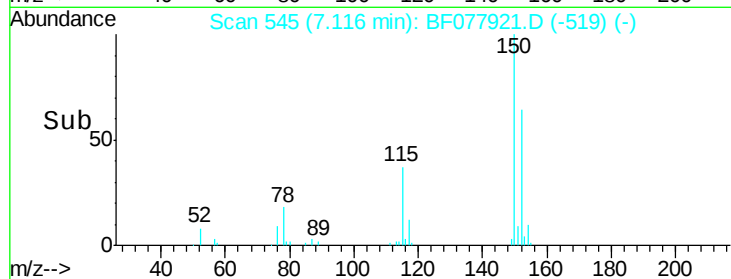
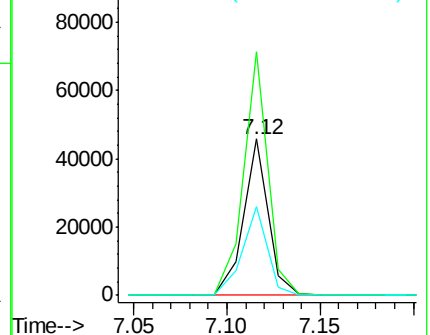
115 57.1 43.0 64.4



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: 95.84 ng

RT: 5.40 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF077921.D

Acq: 24 Mar 2015 19:50

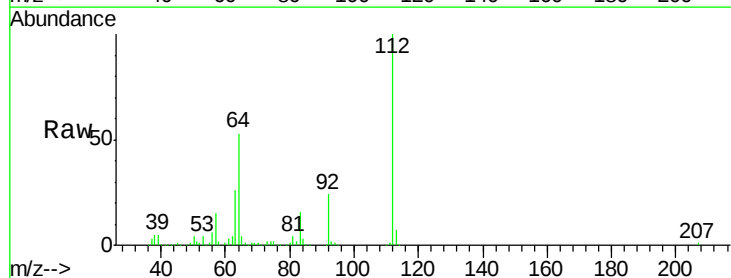
Tgt Ion:112 Resp: 233408

Ion Ratio Lower Upper

112 100

64 52.8 38.6 57.8

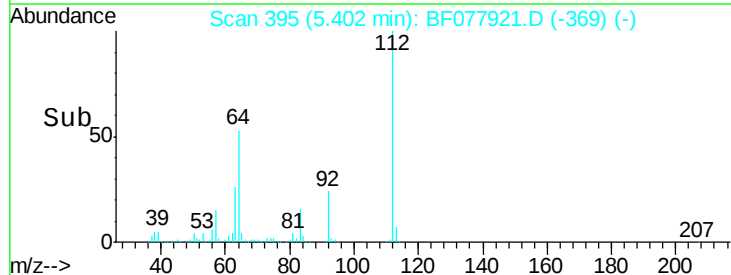
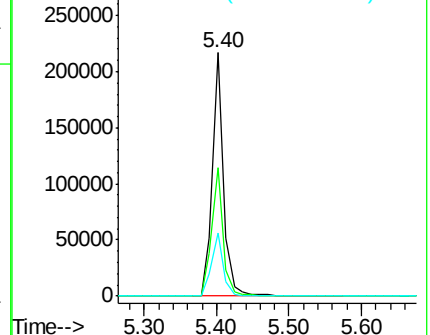
63 26.0 19.3 28.9

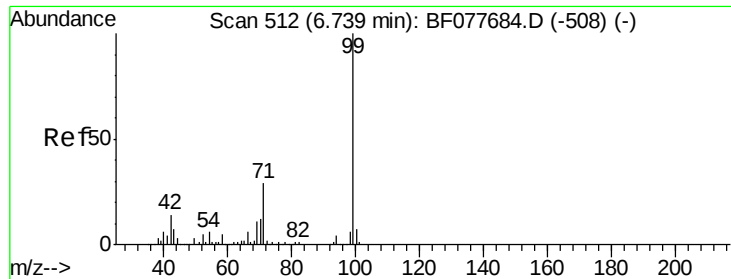


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.92 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077921.D

Acq: 24 Mar 2015 19:50

Instrument :

BNA_F

ClientSampleId :

SB-3-2

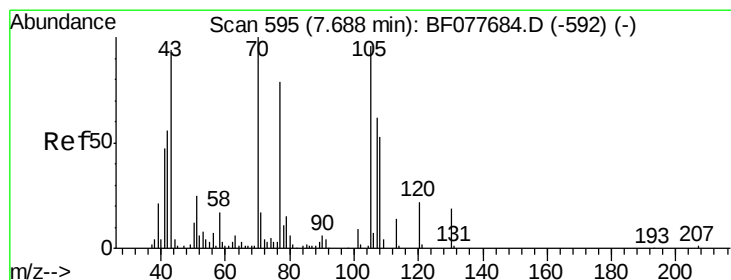
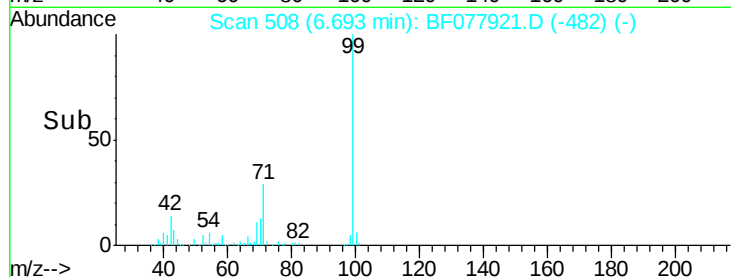
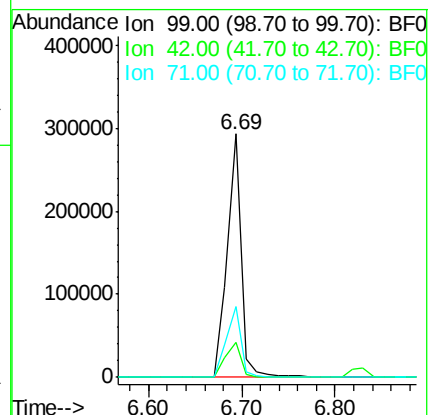
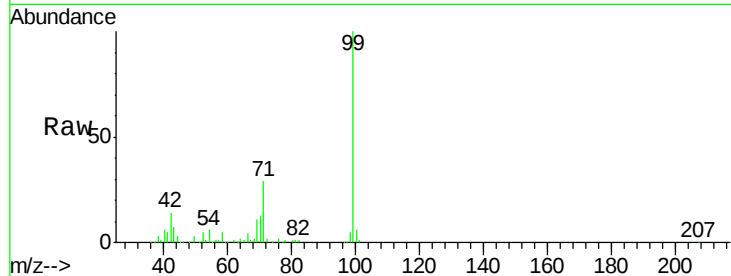
Tgt Ion: 99 Resp: 303660

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.4

71 29.2 23.4 35.2



#19

n-Nitroso-di-n-propylamine

Concen: 9.43 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.17 min

Lab File: BF077921.D

Acq: 24 Mar 2015 19:50

Tgt Ion: 70 Resp: 19631

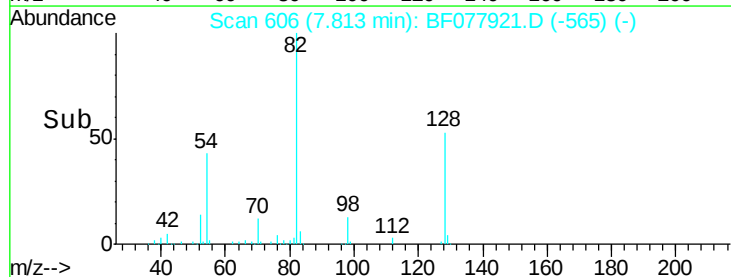
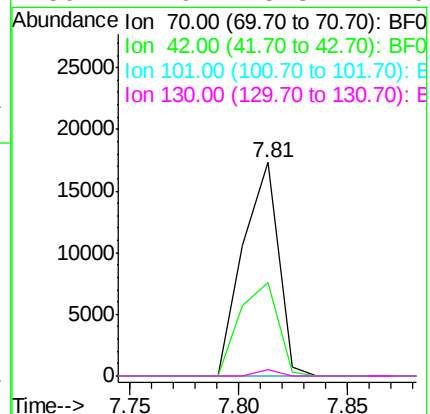
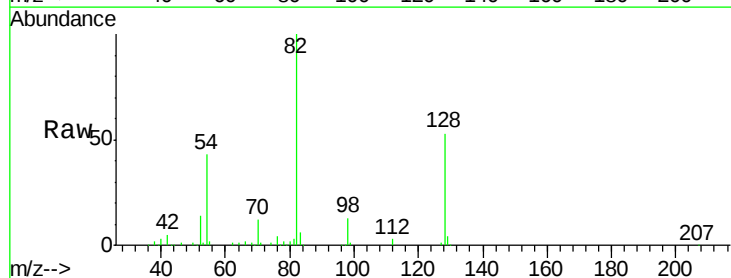
Ion Ratio Lower Upper

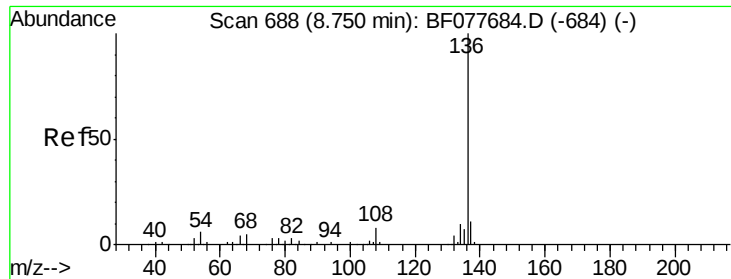
70 100

42 43.7 44.5 66.7#

101 0.0 7.4 11.2#

130 2.9 15.3 22.9#

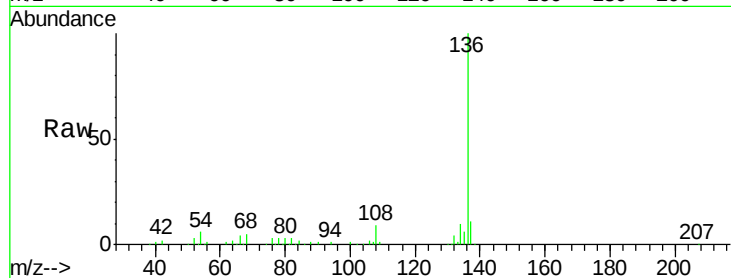




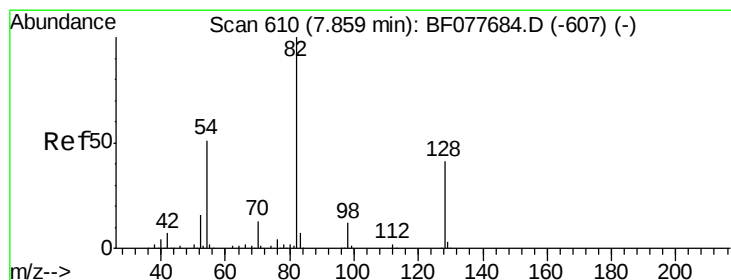
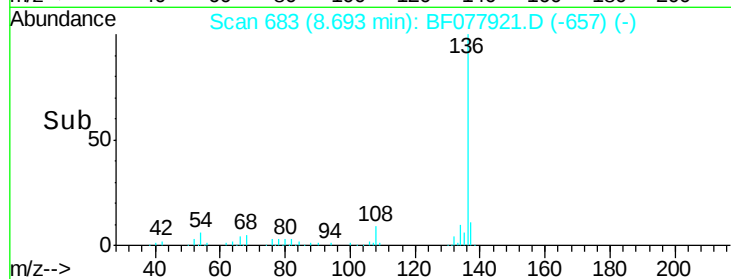
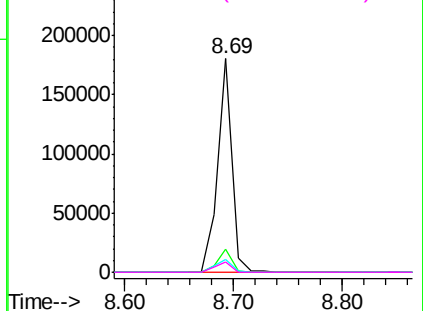
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF077921.D
Acq: 24 Mar 2015 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3-2

Tgt Ion:	136	Resp:	168125
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	5.8	4.6	6.8
68	4.9	3.7	5.5

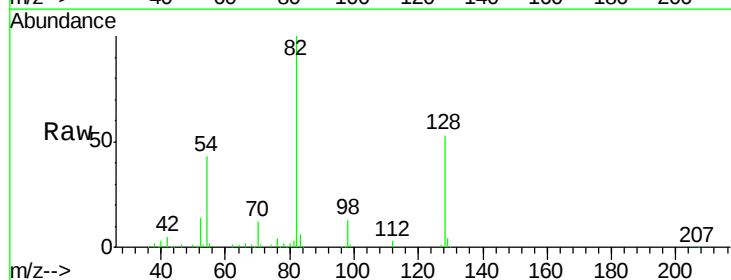


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

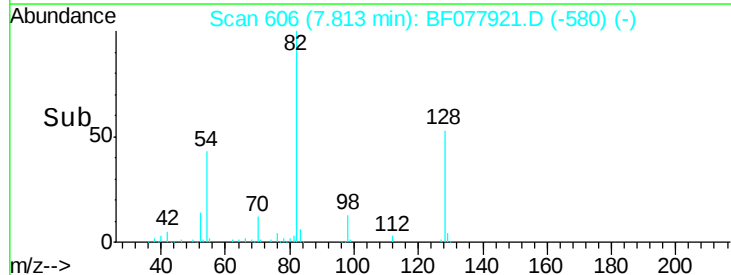
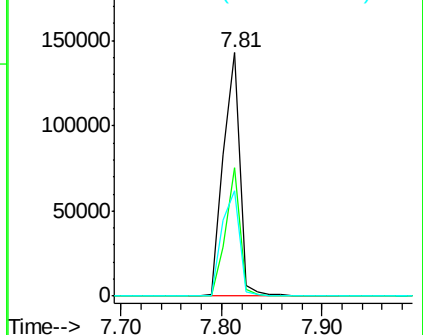


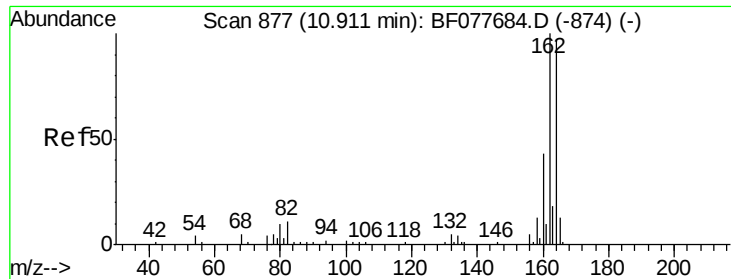
#23
Nitrobenzene-d5
Concen: 63.65 ng
RT: 7.81 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF077921.D
Acq: 24 Mar 2015 19:50

Tgt Ion:	82	Resp:	163239
Ion	Ratio	Lower	Upper
82	100		
128	52.5	32.8	49.2#
54	43.2	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: 10.85 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF077921.D

Acq: 24 Mar 2015 19:50

Instrument :

BNA_F

ClientSampleId :

SB-3-2

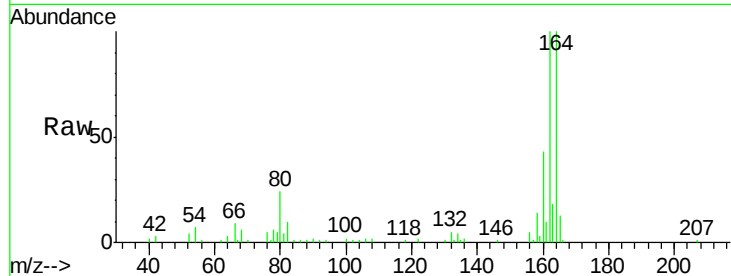
Tgt Ion:164 Resp: 82770

Ion Ratio Lower Upper

164 100

162 100.2 82.4 123.6

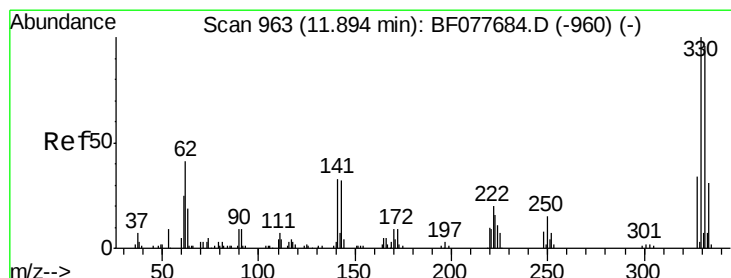
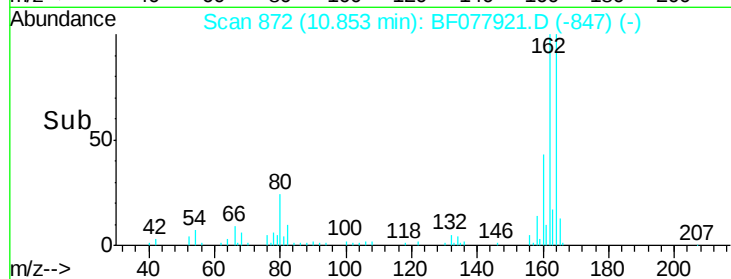
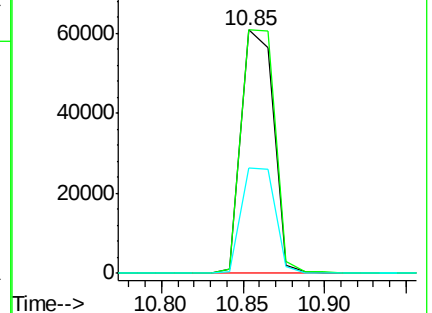
160 43.4 35.8 53.6



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: 80.62 ng

RT: 11.84 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF077921.D

Acq: 24 Mar 2015 19:50

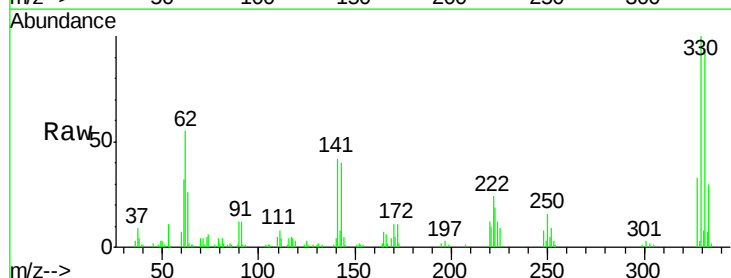
Tgt Ion:330 Resp: 63846

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

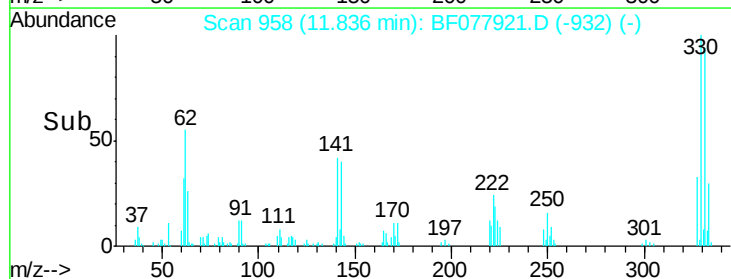
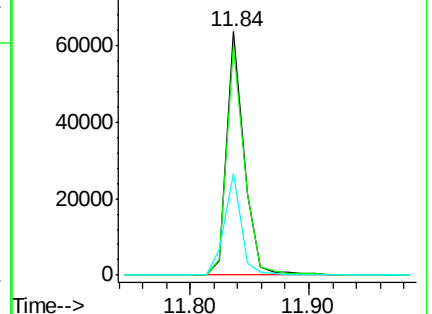
141 40.5 0.0 0.0#

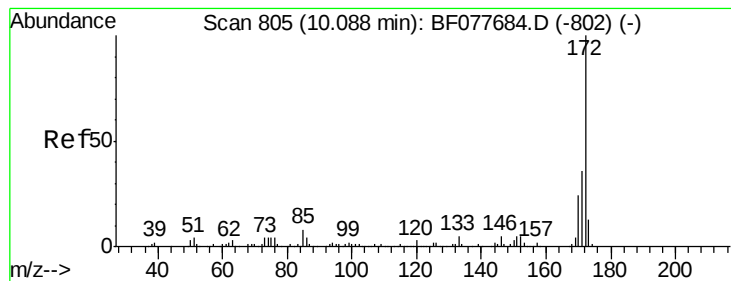


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

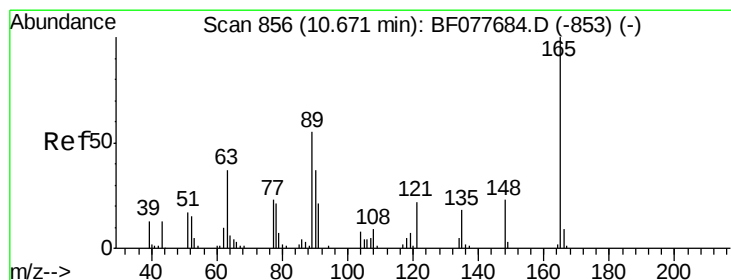
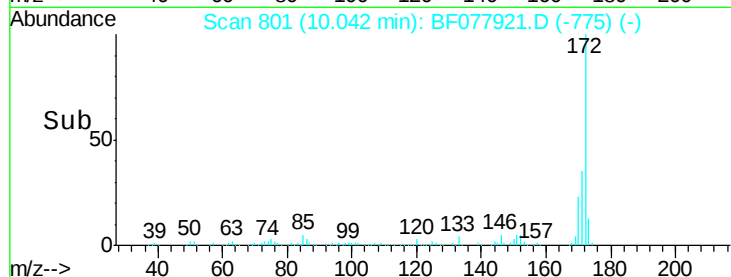
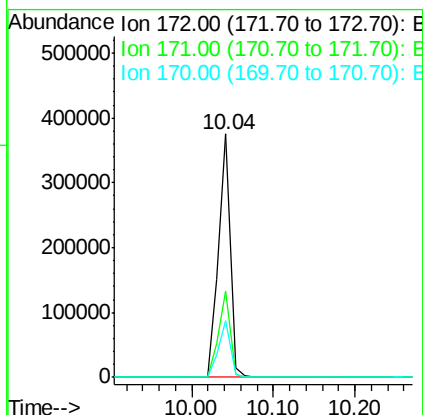
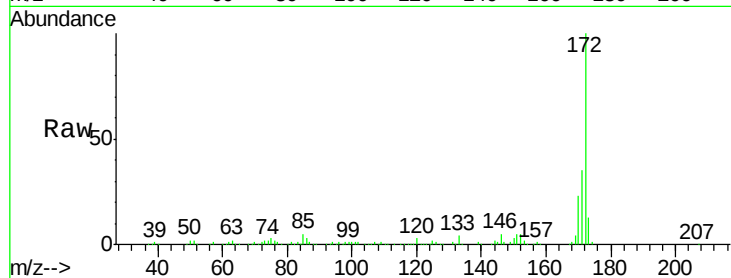




#44
 2-Fluorobiphenyl
 Concen: 66.93 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077921.D
 Acq: 24 Mar 2015 19:50

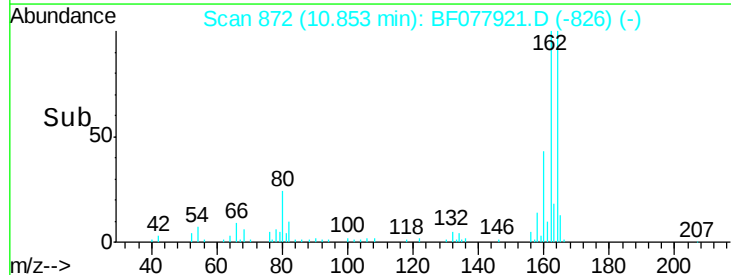
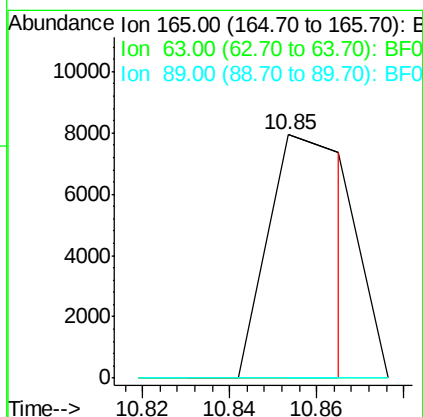
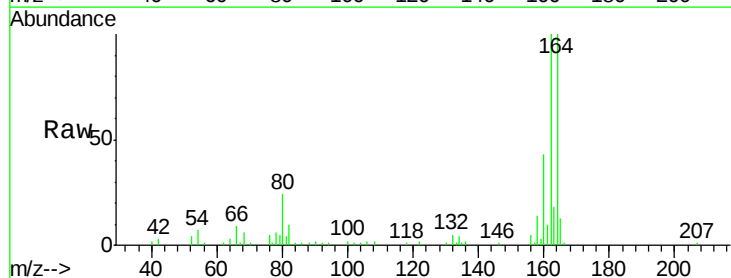
Instrument :
 BNA_F
 ClientSampleID :
 SB-3-2

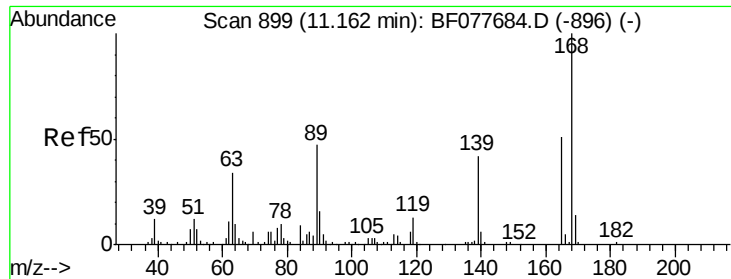
Tgt Ion:172 Resp: 376968
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.4 18.8 28.2



#50
 2,6-Dinitrotoluene
 Concen: 8.24 ng
 RT: 10.85 min Scan# 872
 Delta R.T. 0.23 min
 Lab File: BF077921.D
 Acq: 24 Mar 2015 19:50

Tgt Ion:165 Resp: 10490
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.3 66.5#

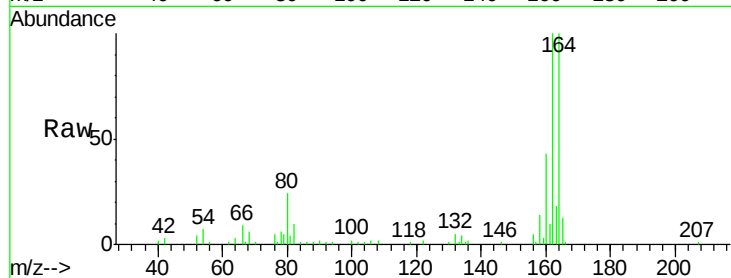




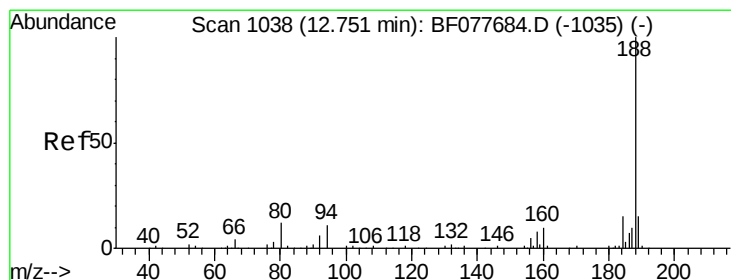
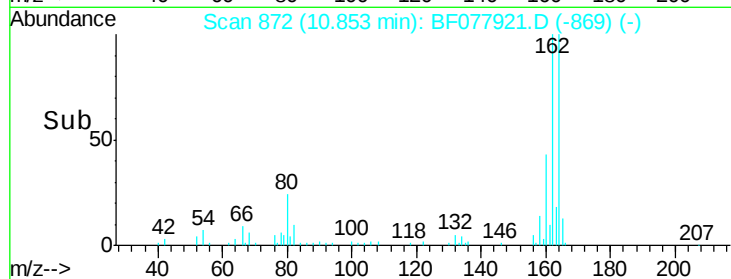
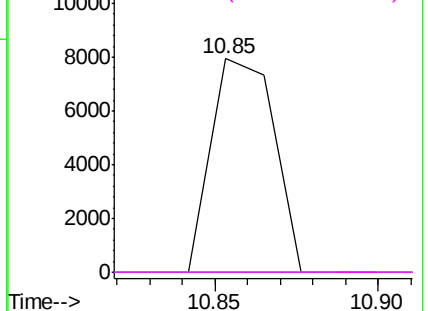
#56
 2,4-Dinitrotoluene
 Concen: 6.32 ng
 RT: 10.85 min Scan# 872
 Delta R.T. -0.26 min
 Lab File: BF077921.D
 Acq: 24 Mar 2015 19:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-2

Tgt Ion:165 Resp: 10491
 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#

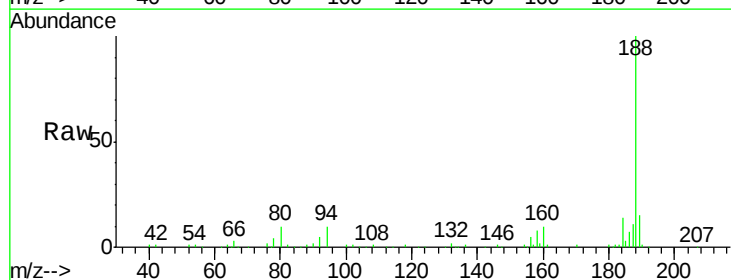


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

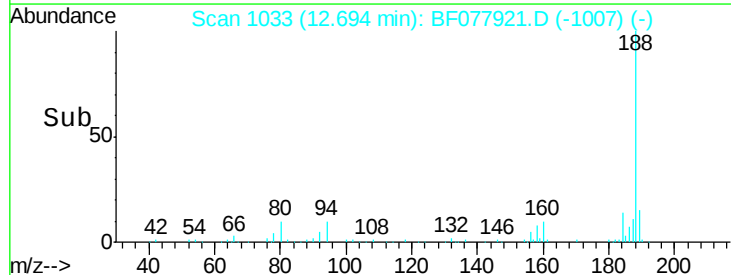
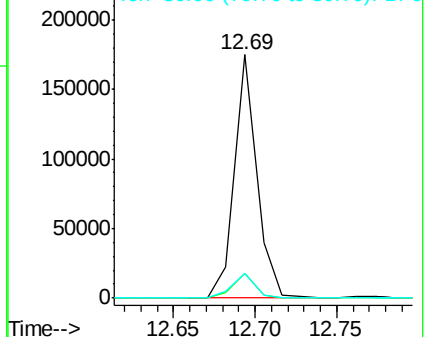


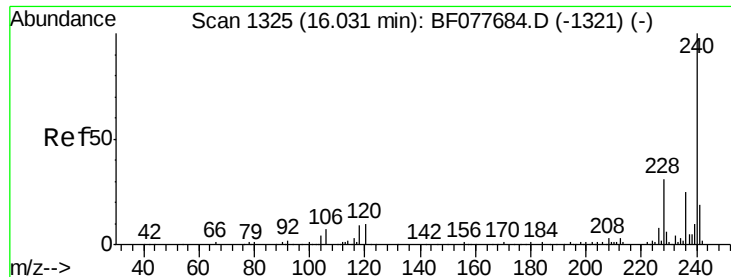
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF077921.D
 Acq: 24 Mar 2015 19:50

Tgt Ion:188 Resp: 165187
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.7 13.1
 80 10.3 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: 15.97 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF077921.D

Acq: 24 Mar 2015 19:50

Instrument :

BNA_F

ClientSampleId :

SB-3-2

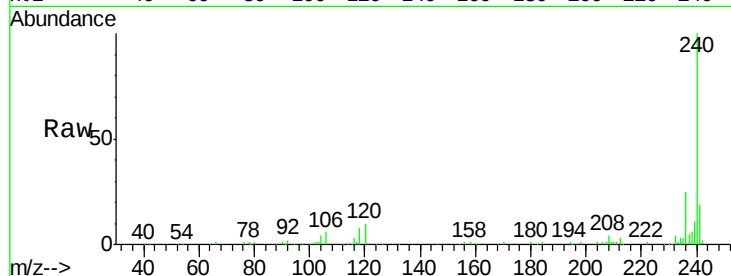
Tgt Ion:240 Resp: 180014

Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

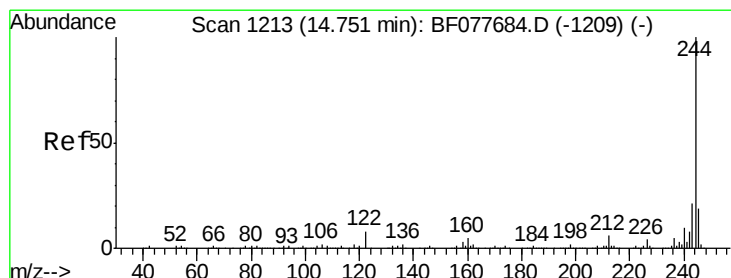
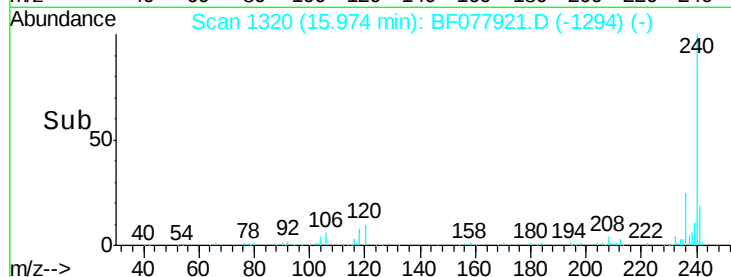
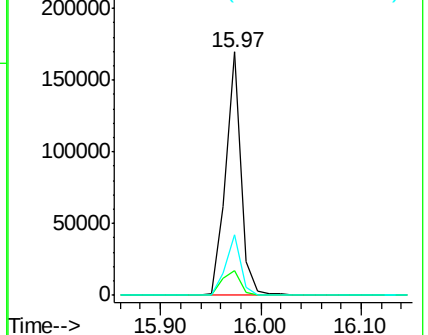
236 24.6 20.0 30.0



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: 60.50 ng

RT: 14.69 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF077921.D

Acq: 24 Mar 2015 19:50

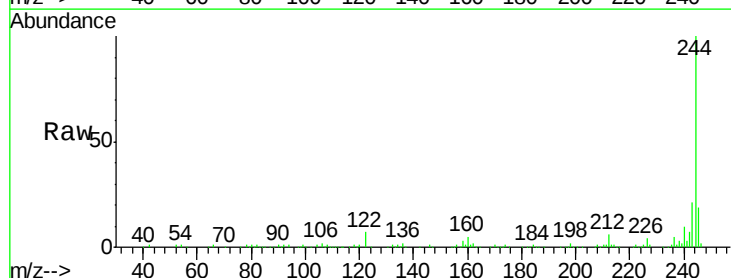
Tgt Ion:244 Resp: 445873

Ion Ratio Lower Upper

244 100

212 5.9 4.9 7.3

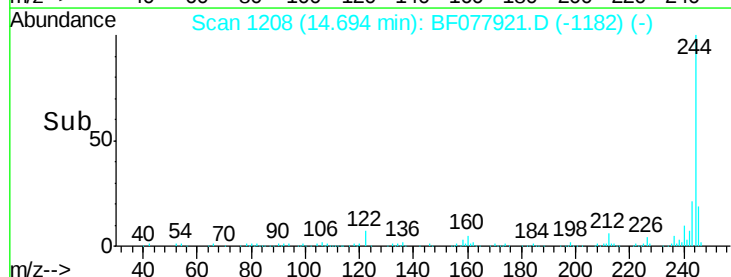
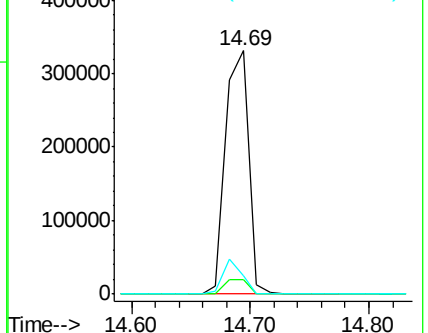
122 7.5 6.2 9.4

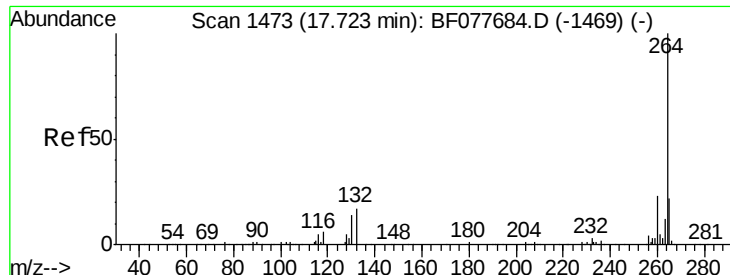


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

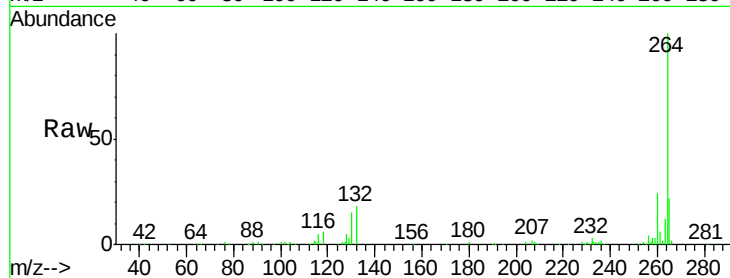




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1472
Delta R.T. 0.01 min
Lab File: BF077921.D
Acq: 24 Mar 2015 19:50

Instrument :
BNA_F
ClientSampleId :
SB-3-2

Tgt Ion: 264 Resp: 167878
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 21.9 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

