

Data Path : Z:\HPCHEM1\BNA F\Data\BF012815\
 Data File : BF077107.D
 Acq On : 28 Jan 2015 18:04
 Operator : TP/IZ
 Sample : G1139-04DL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 01:06:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 29 00:11:13 2015
 Response via : Initial Calibration

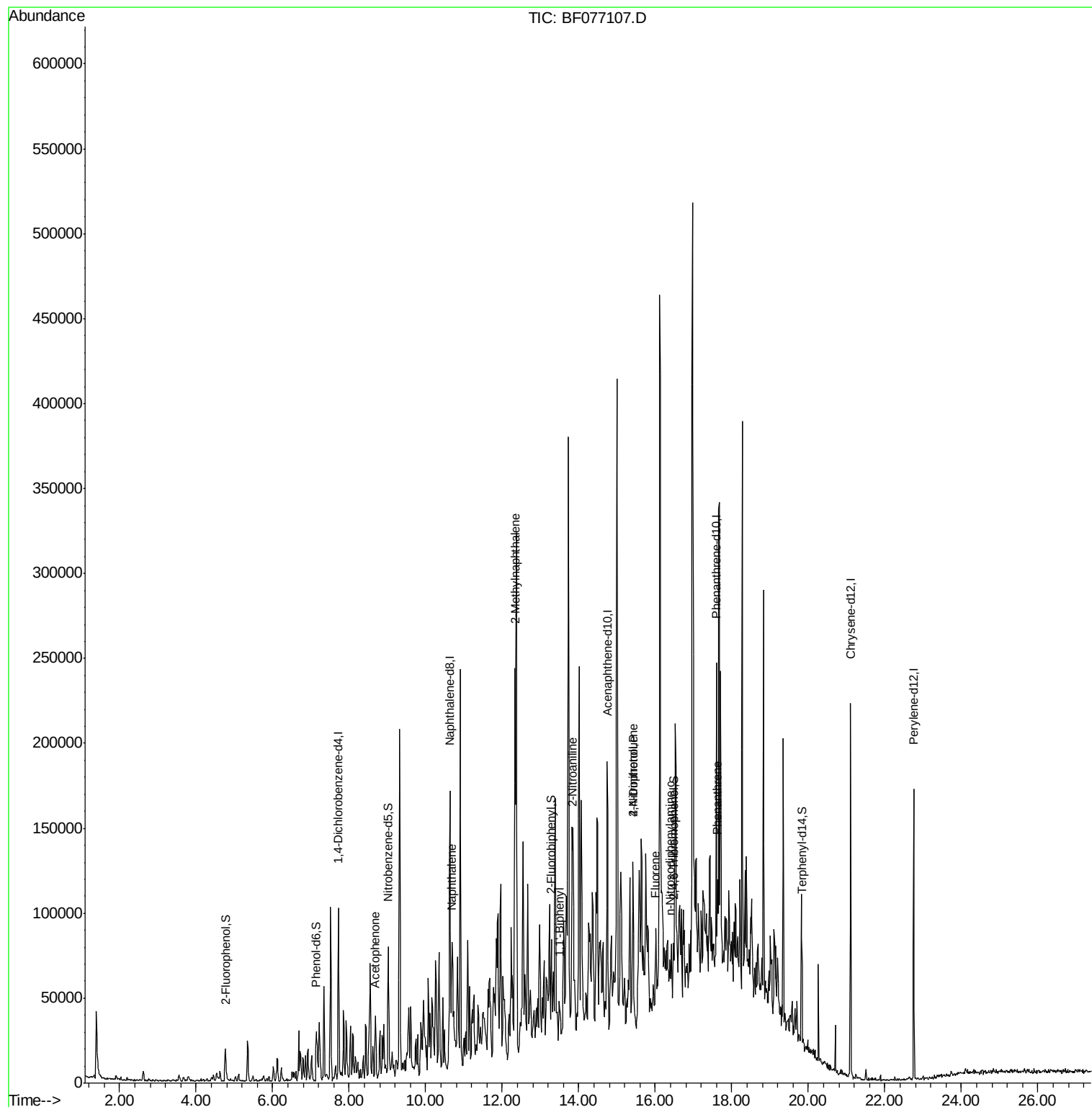
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	25971	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	107113	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	53534	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	89451	20.00	ng	0.00
75) Chrysene-d12	21.10	240	86819	20.00	ng	0.00
86) Perylene-d12	22.76	264	79089	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.77	112	14165	8.97	ng	0.01
7) Phenol-d6	7.14	99	18822	9.45	ng	0.00
23) Nitrobenzene-d5	9.02	82	12230	6.33	ng	0.00
41) 2,4,6-Tribromophenol	16.48	330	3816	8.78	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	24390	6.93	ng	0.00
78) Terphenyl-d14	19.83	244	22568	5.98	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.74	77	676	Below Cal	#	1
22) Acetophenone	8.68	105	14379	5.48	ng	56
31) Naphthalene	10.68	128	40165	7.28	ng	93
37) 2-Methylnaphthalene	12.33	142	98399	26.13	ng	98
45) 1,1'-Biphenyl	13.49	154	10814	2.72	ng	98
47) 2-Nitroaniline	13.84	65	3133	3.16	ng	11
55) 4-Nitrophenol	15.42	139	3064	5.15	ng	49
56) 2,4-Dinitrotoluene	15.42	165	2386	4.12	ng	50
57) Fluorene	16.00	166	9510	2.47	ng	78
65) n-Nitrosodiphenylamine	16.38	169	7303	2.29	ng	40
70) Phenanthrene	17.63	178	30384	5.45	ng	99

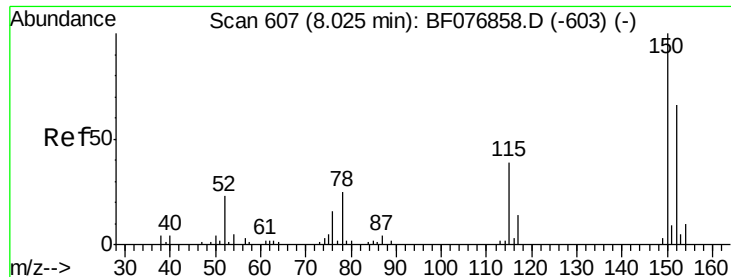
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF012815\
Data File : BF077107.D
Acq On : 28 Jan 2015 18:04
Operator : TP/IZ
Sample : G1139-04DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 29 01:06:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 29 00:11:13 2015
Response via : Initial Calibration



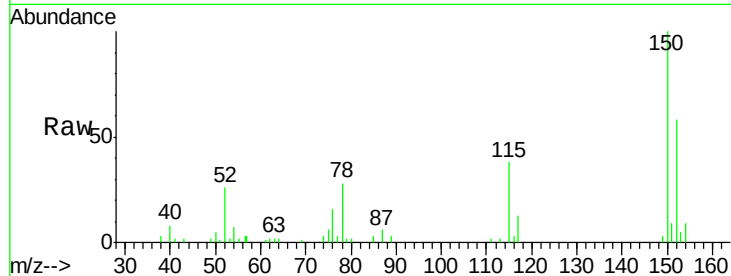


#1

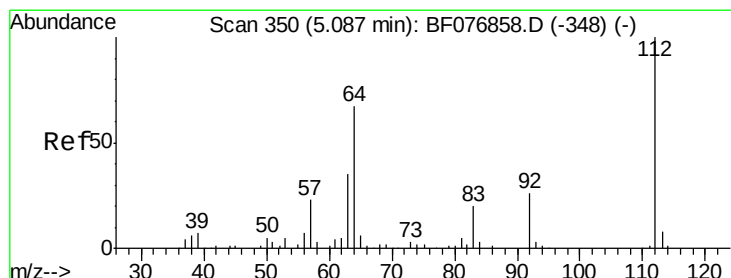
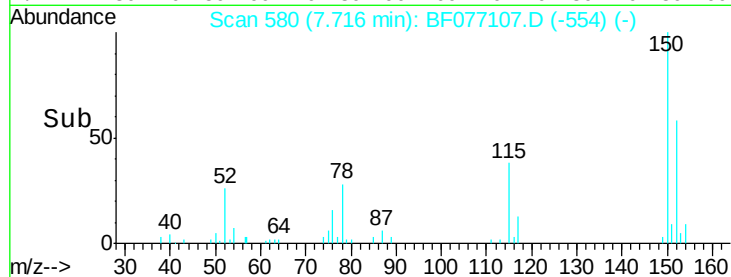
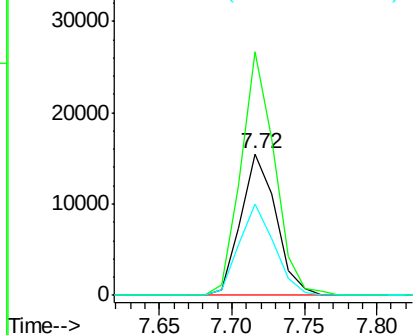
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 25971
Ion Ratio Lower Upper
152 100
150 171.8 121.7 182.5
115 64.7 47.0 70.6



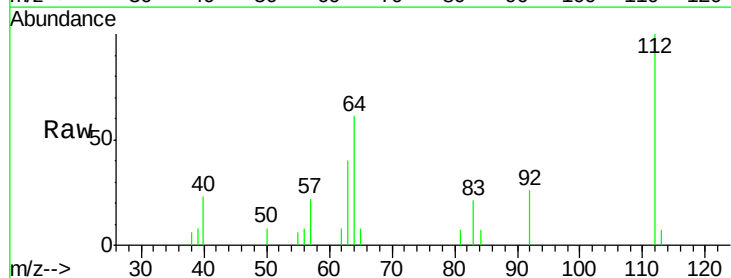
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



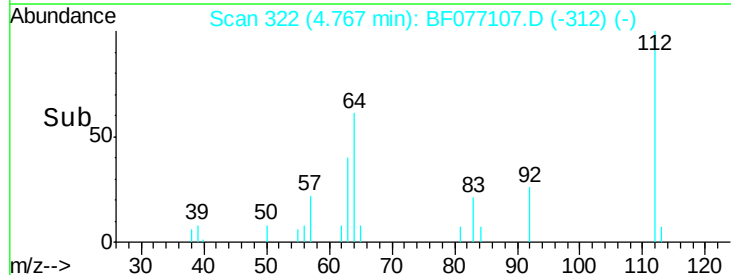
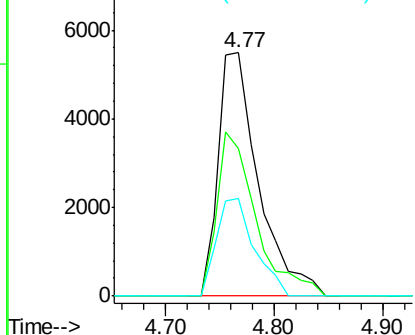
#5

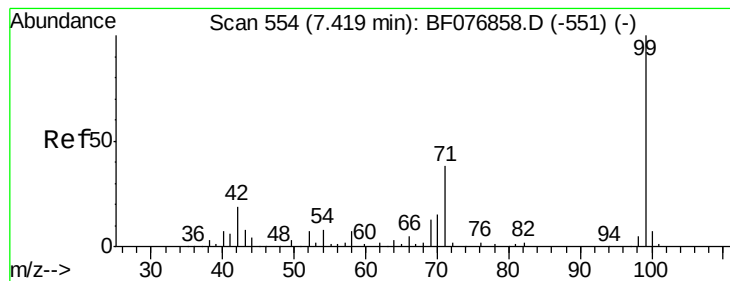
2-Fluorophenol
Concen: 8.97 ng
RT: 4.77 min Scan# 322
Delta R.T. 0.01 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Tgt Ion:112 Resp: 14165
Ion Ratio Lower Upper
112 100
64 60.8 54.2 81.4
63 40.4 28.4 42.6



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: 9.45 ng

RT: 7.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF077107.D

Acq: 28 Jan 2015 18:04

Instrument :

BNA_F

ClientSampled :

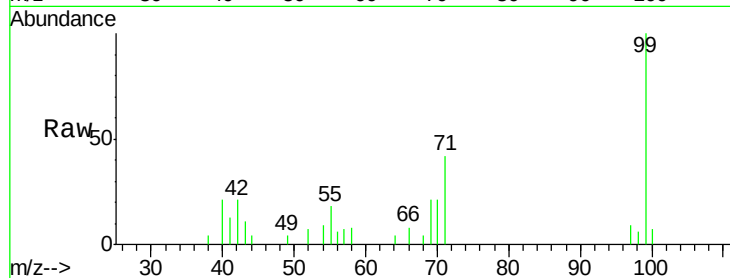
Tot Ion: 99 Resp: 18822

Ion Ratio Lower Upper

99 100

42 21.0 15.0 22.4

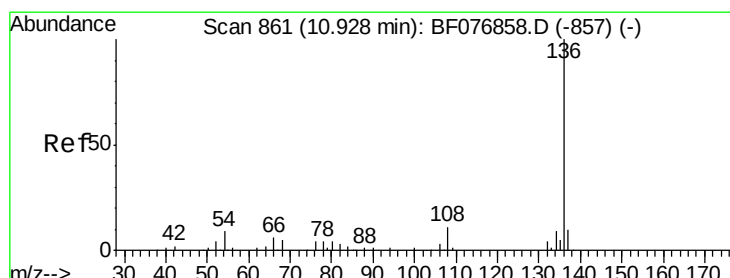
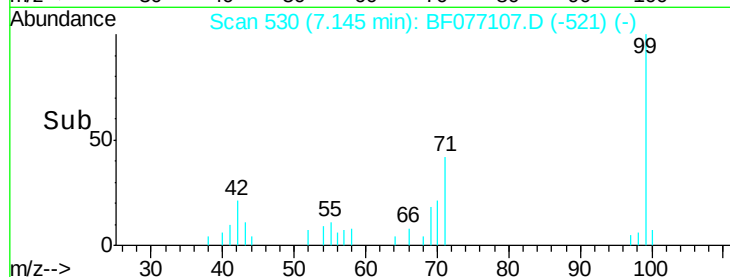
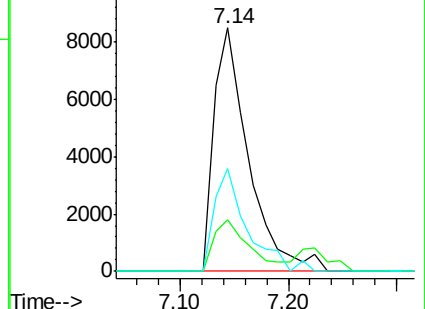
71 42.3 30.5 45.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.63 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF077107.D

Acq: 28 Jan 2015 18:04

Tgt Ion: 136 Resp: 107113

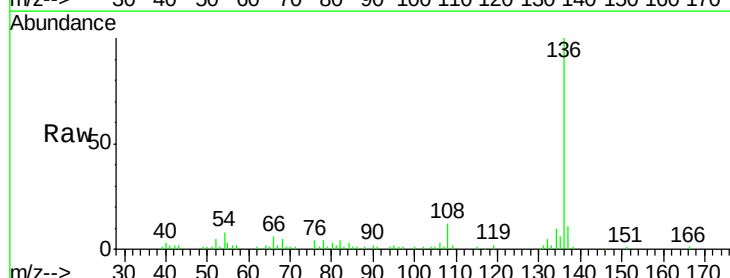
Ion Ratio Lower Upper

136 100

137 11.1 8.1 12.1

54 8.3 7.0 10.4

68 5.0 3.7 5.5

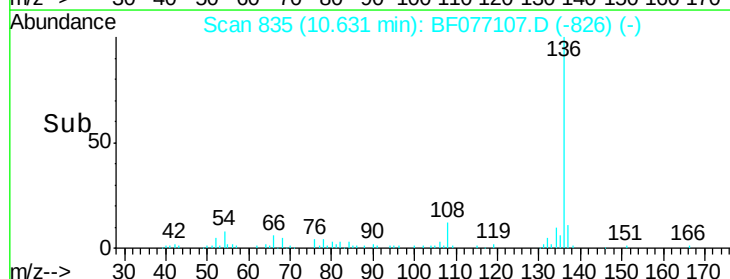
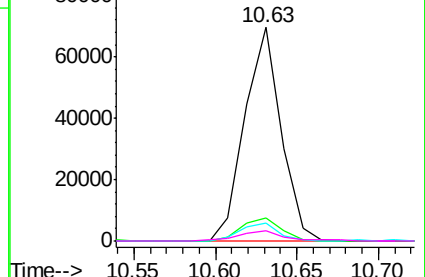


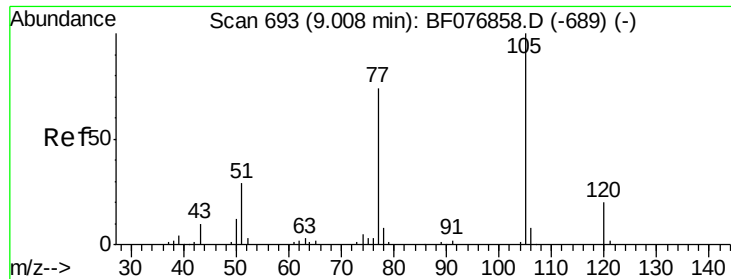
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 5.48 ng

RT: 8.68 min Scan# 664

Delta R.T. -0.05 min

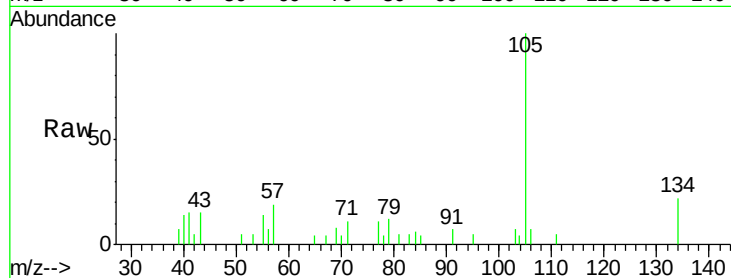
Lab File: BF077107.D

Acq: 28 Jan 2015 18:04

Instrument :

BNA_F

ClientSampled :



Tot Ion:105 Resp: 14379

Ion Ratio Lower Upper

105 100

71 11.0 0.0 0.0#

51 5.1 23.3 34.9#

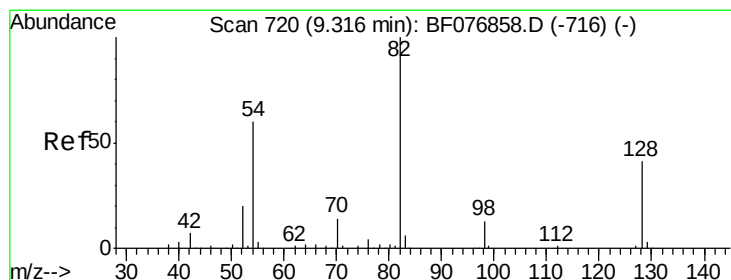
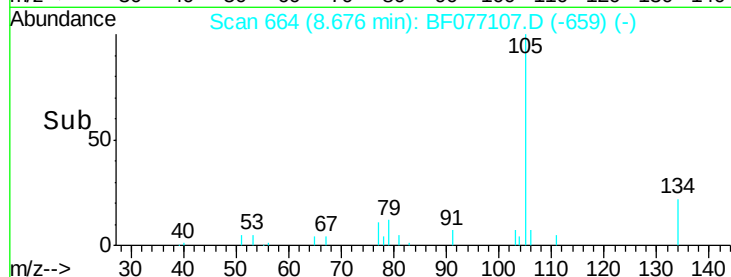
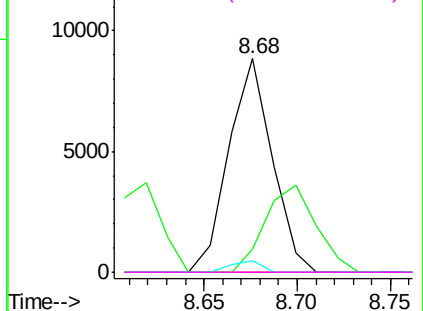
120 0.0 16.1 24.1#

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 6.33 ng

RT: 9.02 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF077107.D

Acq: 28 Jan 2015 18:04

Tgt Ion: 82 Resp: 12230

Ion Ratio Lower Upper

82 100

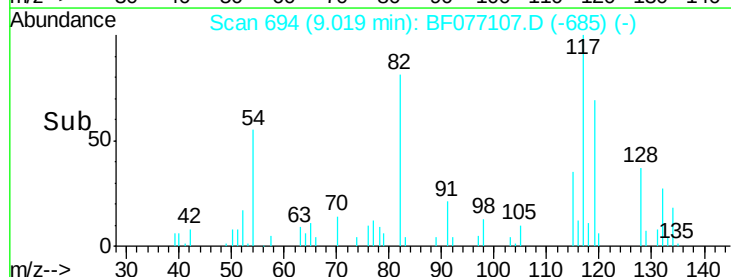
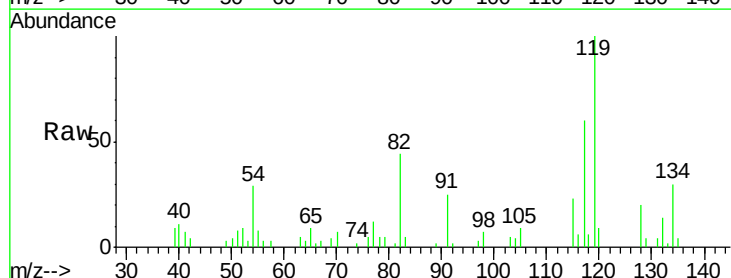
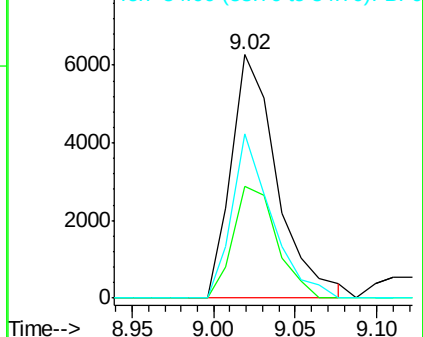
128 45.9 33.1 49.7

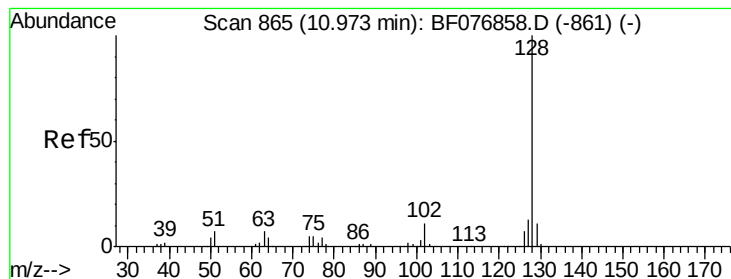
54 67.5 48.3 72.5

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





#31

Naphthalene

Concen: 7.28 ng

RT: 10.68 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF077107.D

Acq: 28 Jan 2015 18:04

Instrument :

BNA_F

ClientSampled :

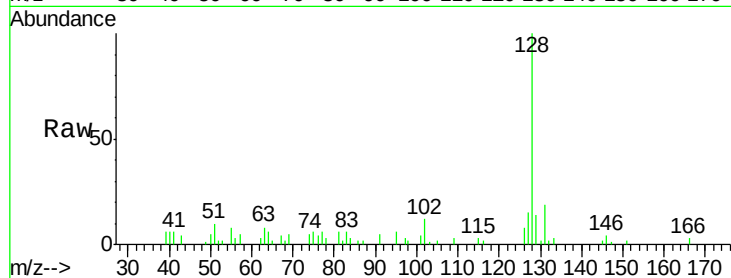
Tot Ion:128 Resp: 40165

Ion Ratio Lower Upper

128 100

129 13.9 9.0 13.6#

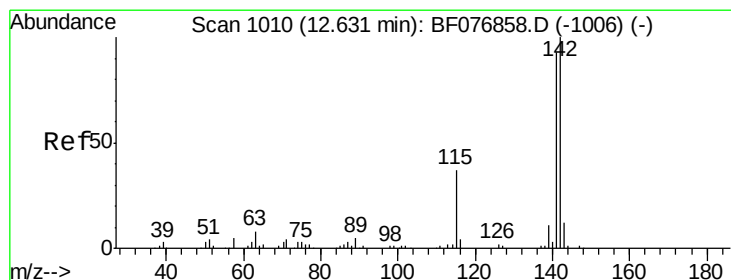
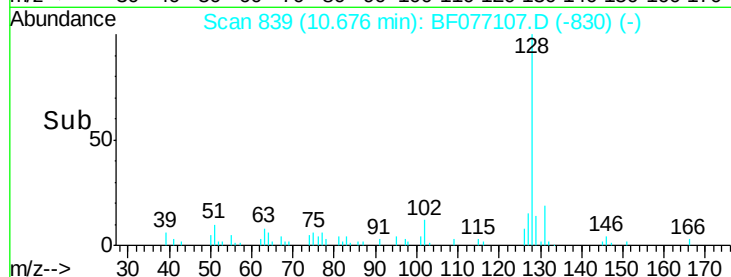
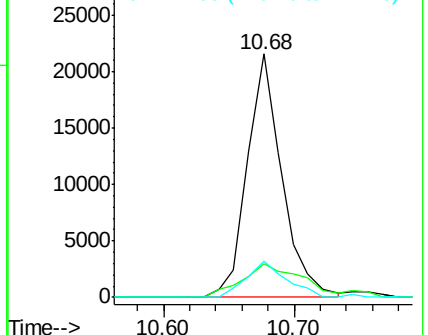
127 15.2 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 26.13 ng

RT: 12.33 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF077107.D

Acq: 28 Jan 2015 18:04

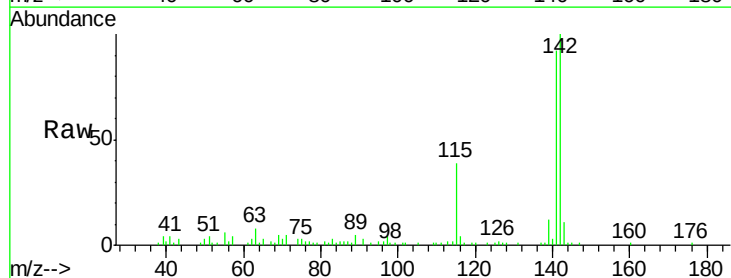
Tgt Ion:142 Resp: 98399

Ion Ratio Lower Upper

142 100

141 91.8 74.5 111.7

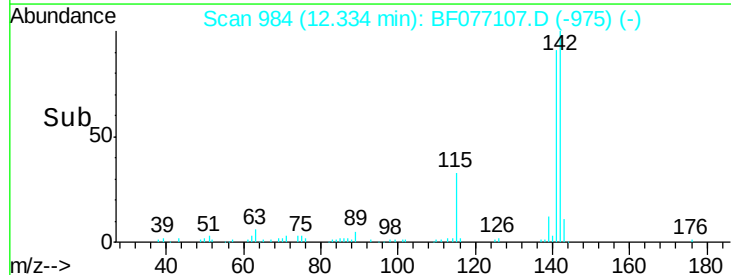
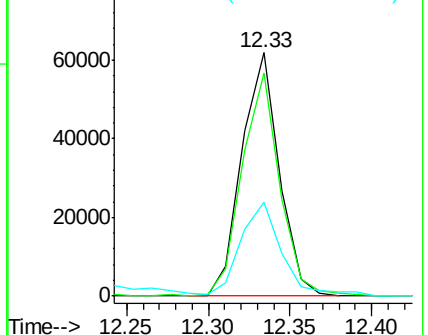
115 38.6 29.7 44.5

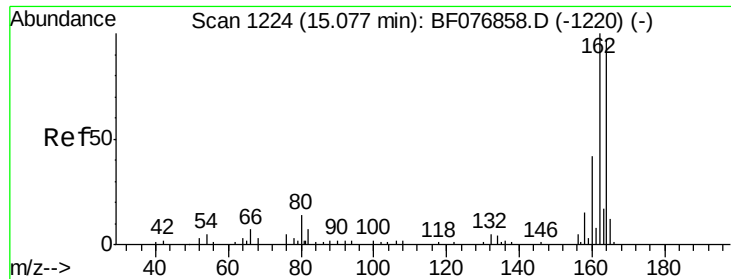


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

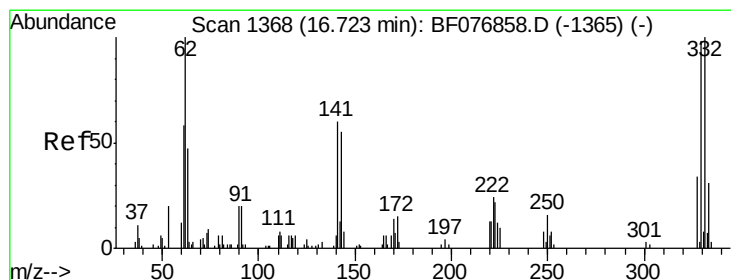
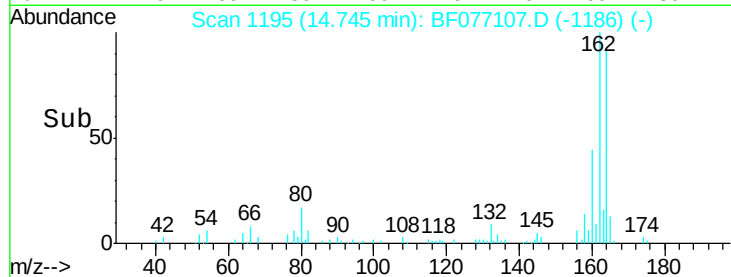
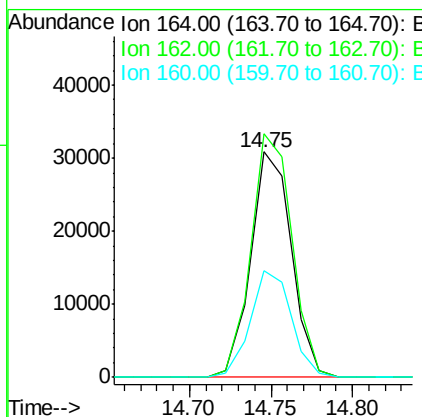
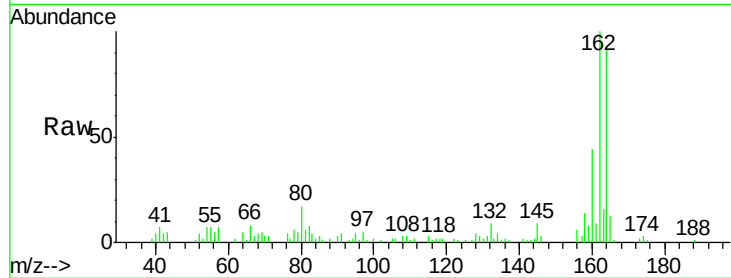




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF077107.D
 Acq: 28 Jan 2015 18:04

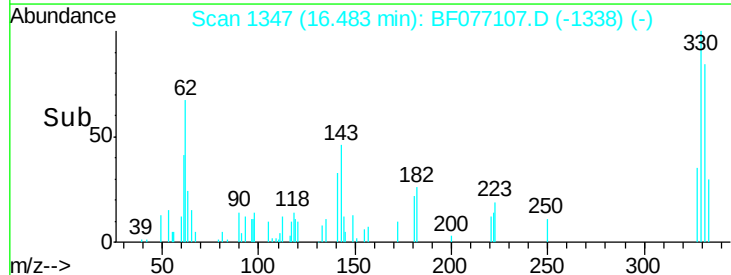
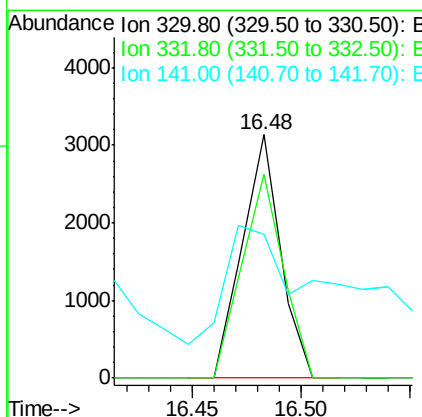
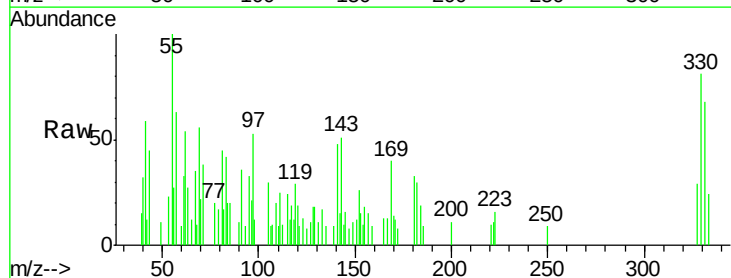
Instrument :
 BNA_F
 ClientSampleId :

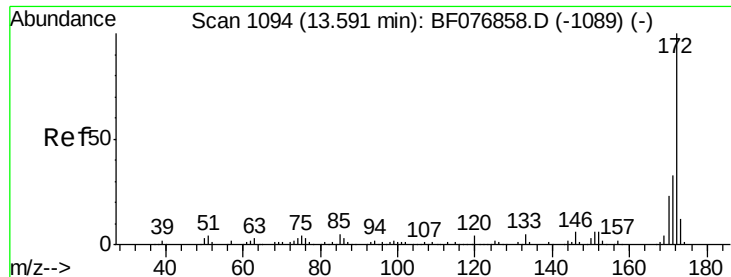
Tot Ion:164 Resp: 53534
 Ion Ratio Lower Upper
 164 100
 162 108.0 82.4 123.6
 160 47.1 34.8 52.2



#41
 2,4,6-Tribromophenol
 Concen: 8.78 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF077107.D
 Acq: 28 Jan 2015 18:04

Tgt Ion:330 Resp: 3816
 Ion Ratio Lower Upper
 330 100
 332 90.8 77.8 116.6
 141 111.4 38.5 57.7#

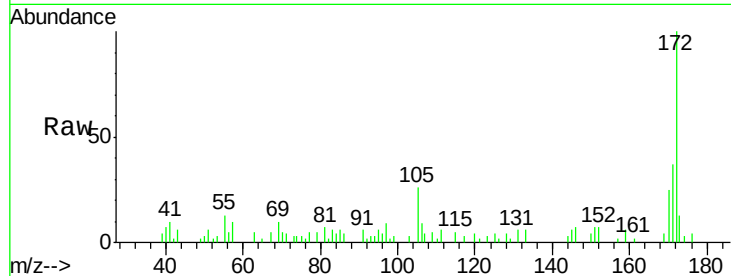




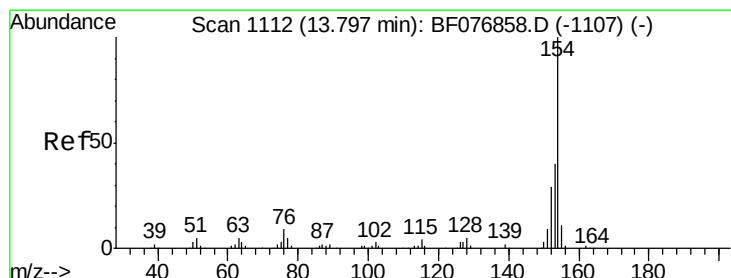
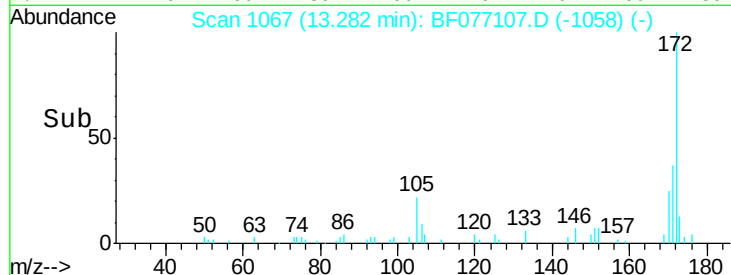
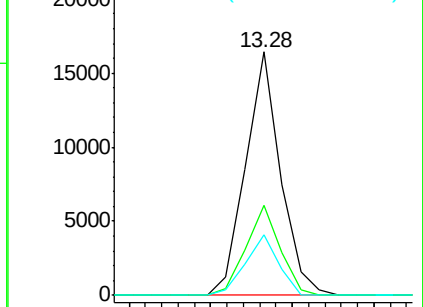
#44
2-Fluorobiphenyl
Concen: 6.93 ng
RT: 13.28 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 24390
Ion Ratio Lower Upper
172 100
171 36.8 26.6 40.0
170 25.1 18.0 27.0

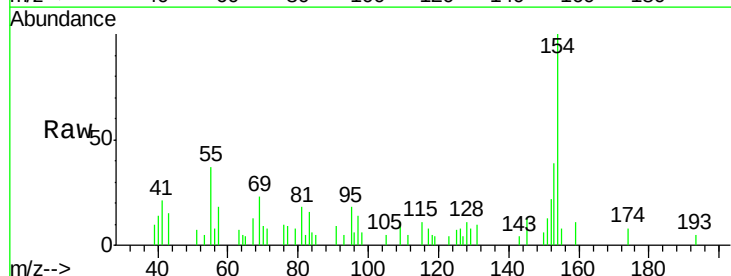


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

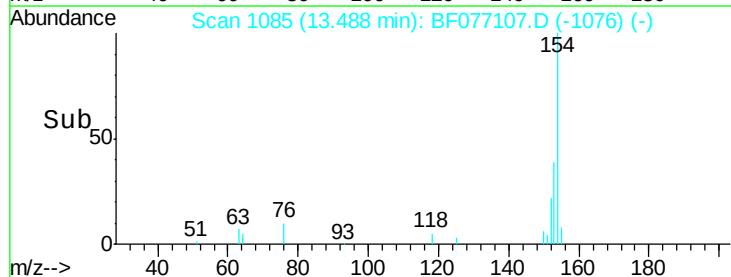
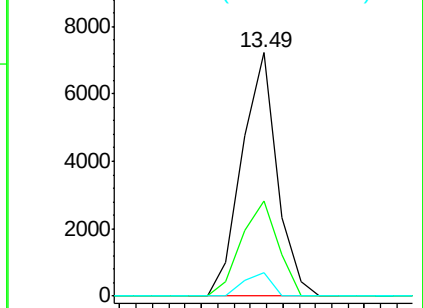


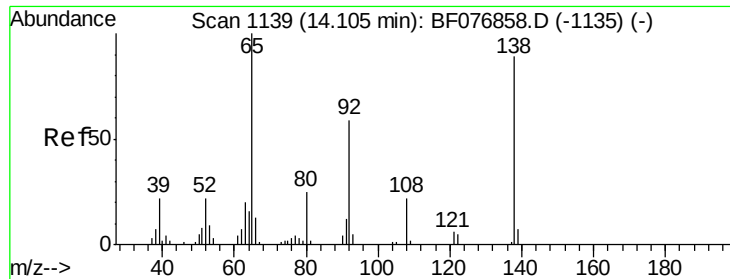
#45
1,1'-Biphenyl
Concen: 2.72 ng
RT: 13.49 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Tgt Ion:154 Resp: 10814
Ion Ratio Lower Upper
154 100
153 38.9 20.2 60.2
76 9.8 0.0 29.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0





#47

2-Nitroaniline

Concen: 3.16 ng

RT: 13.84 min Scan# 1116

Delta R.T. 0.03 min

Lab File: BF077107.D

Acq: 28 Jan 2015 18:04

Instrument :

BNA_F

ClientSampled :

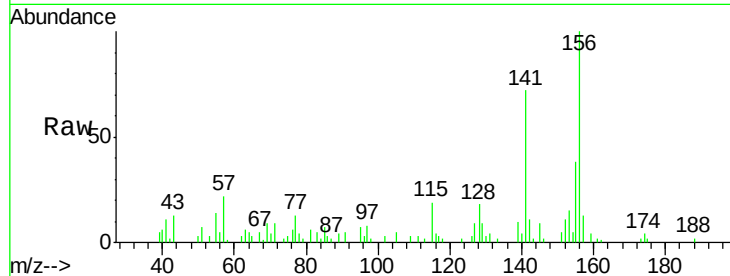
Tot Ion: 65 Resp: 3133

Ion Ratio Lower Upper

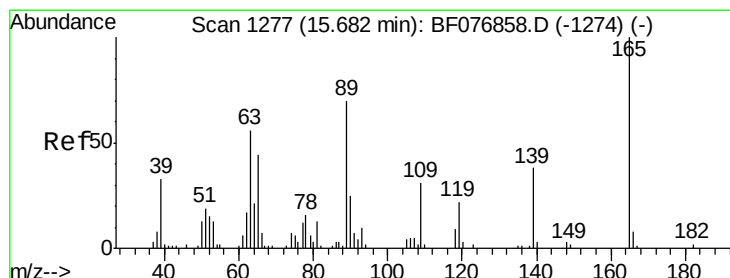
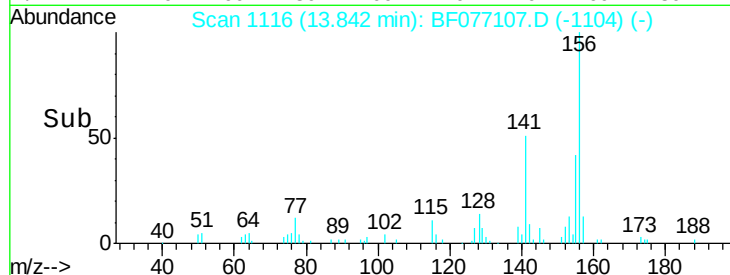
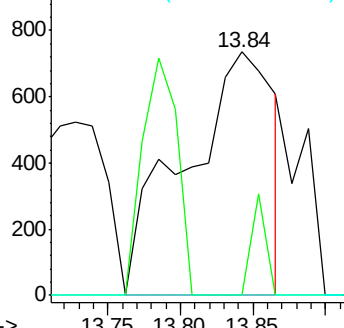
65 100

92 0.0 47.3 70.9#

138 0.0 71.4 107.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#55

4-Nitrophenol

Concen: 5.15 ng

RT: 15.42 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF077107.D

Acq: 28 Jan 2015 18:04

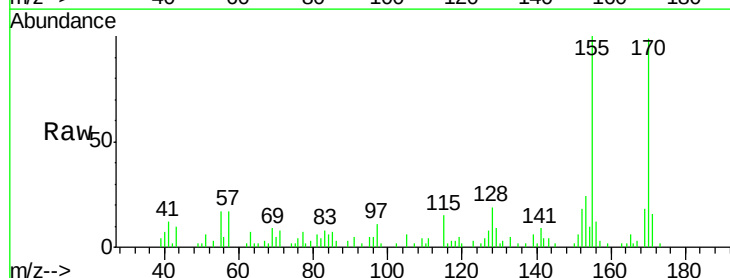
Tgt Ion: 139 Resp: 3064

Ion Ratio Lower Upper

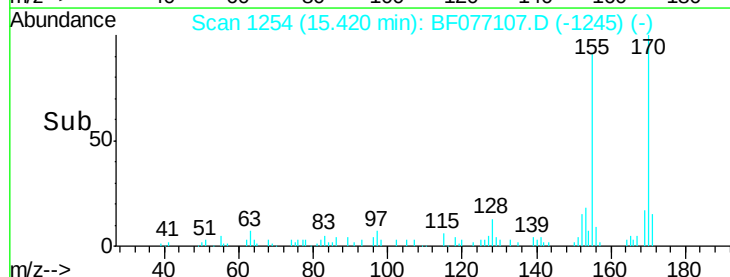
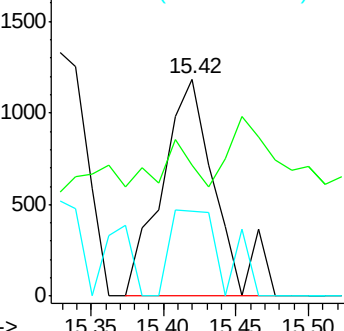
139 100

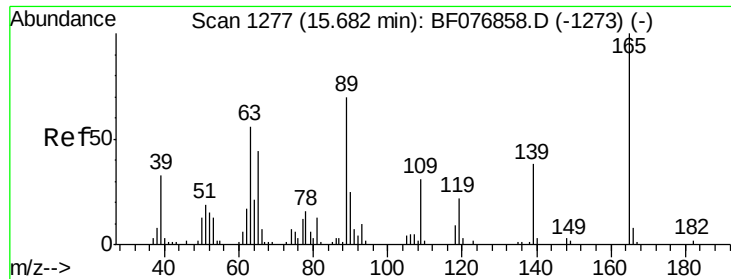
109 60.6 61.0 101.0#

65 39.2 96.6 136.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

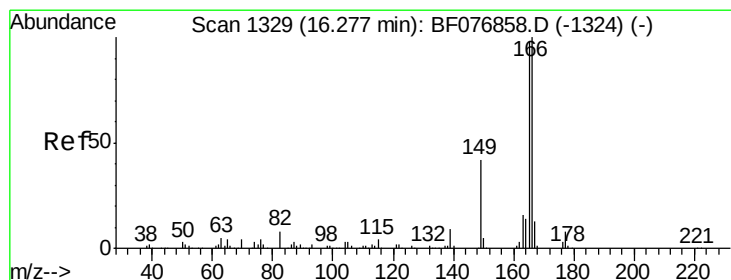
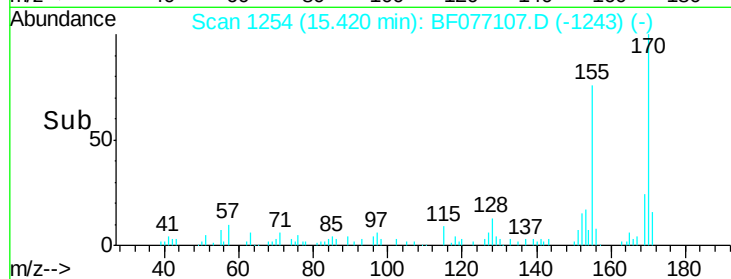
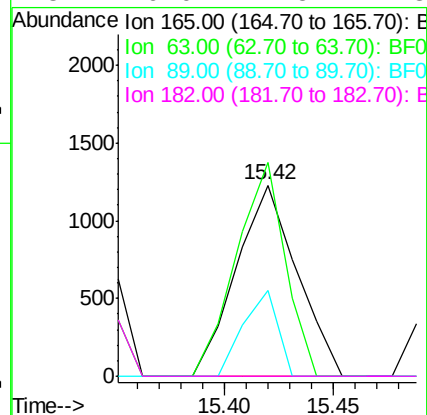
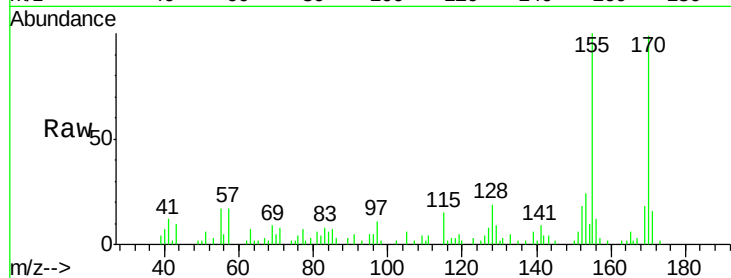




#56
2,4-Dinitrotoluene
Concen: 4.12 ng
RT: 15.42 min Scan# 1254
Delta R.T. 0.02 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

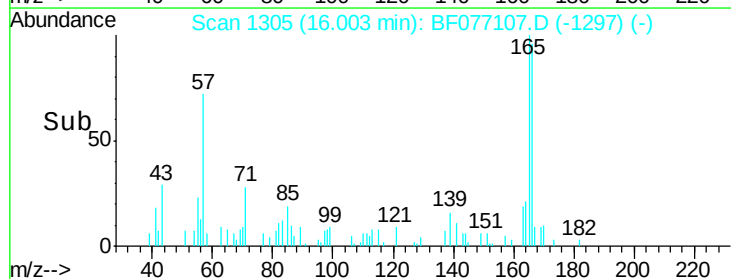
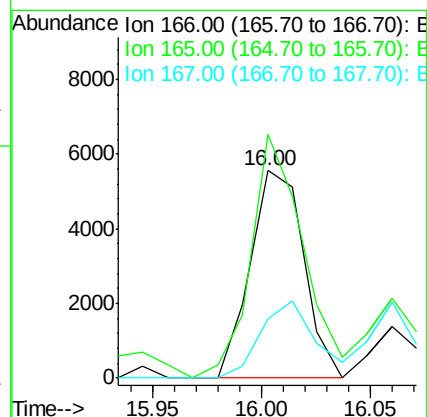
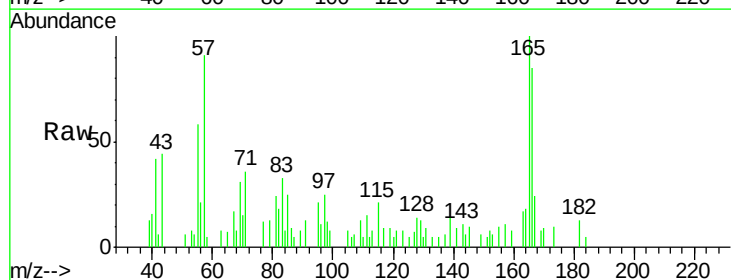
Instrument :
BNA_F
ClientSampleId :

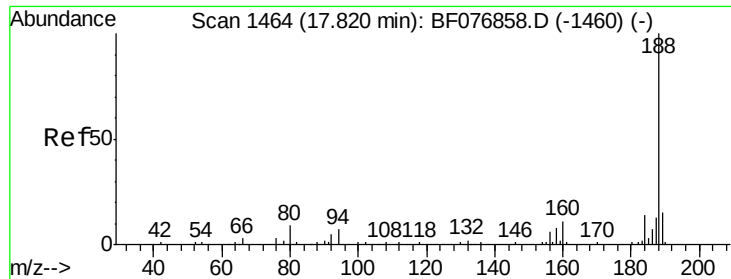
Tot Ion:165 Resp: 2386
Ion Ratio Lower Upper
165 100
63 112.0 44.8 67.2#
89 45.0 56.2 84.2#
182 0.0 1.5 2.3#



#57
Fluorene
Concen: 2.47 ng
RT: 16.00 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Tgt Ion:166 Resp: 9510
Ion Ratio Lower Upper
166 100
165 117.3 78.5 117.7
167 28.5 10.4 15.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.59 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF077107.D

Acq: 28 Jan 2015 18:04

Instrument :

BNA_F

ClientSampleId :

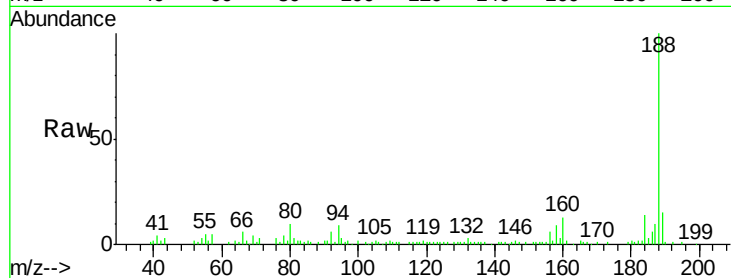
Tot Ion:188 Resp: 89451

Ion Ratio Lower Upper

188 100

94 9.5 6.0 9.0#

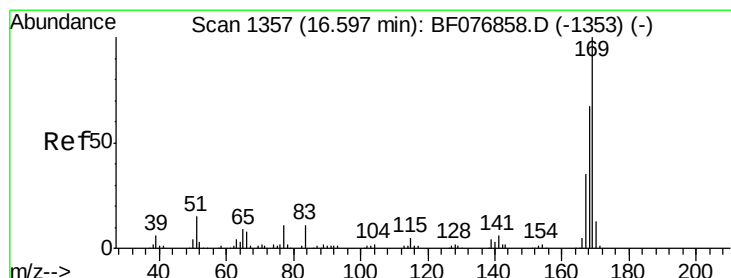
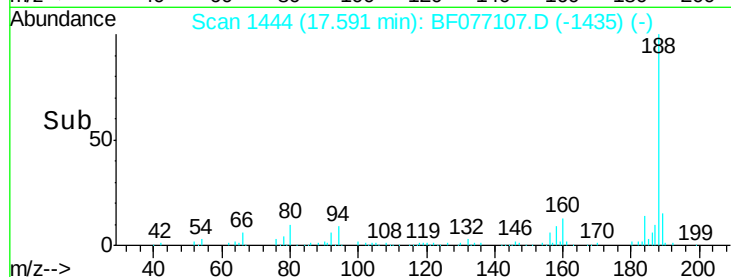
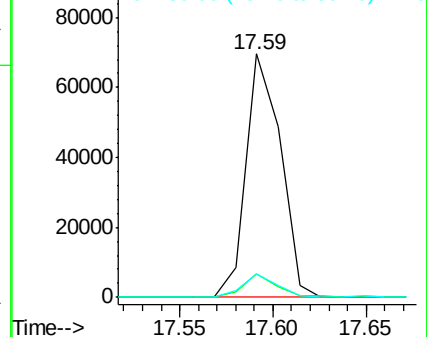
80 9.7 6.9 10.3



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



#65

n-Nitrosodiphenylamine

Concen: 2.29 ng

RT: 16.38 min Scan# 1338

Delta R.T. 0.02 min

Lab File: BF077107.D

Acq: 28 Jan 2015 18:04

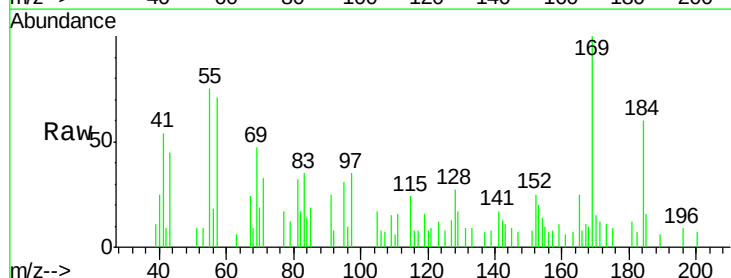
Tgt Ion:169 Resp: 7303

Ion Ratio Lower Upper

169 100

168 10.5 53.8 80.6#

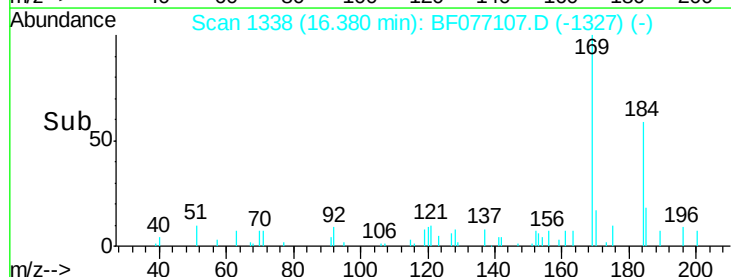
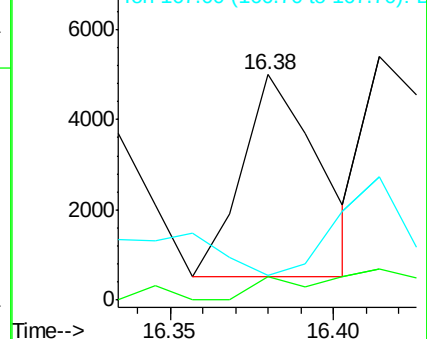
167 11.2 27.8 41.6#

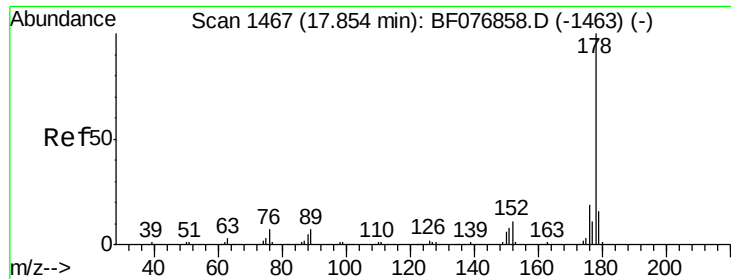


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

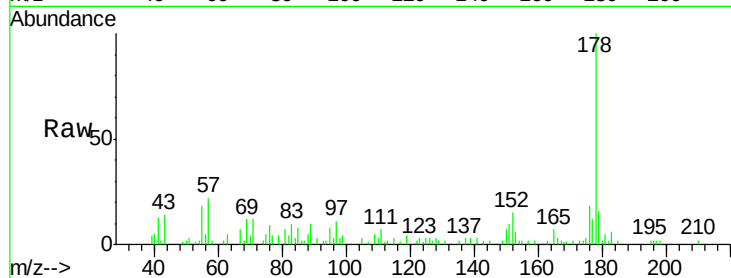




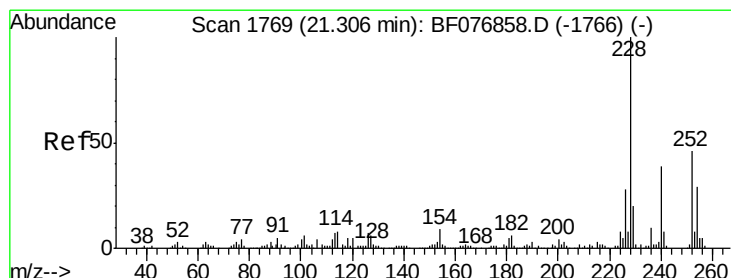
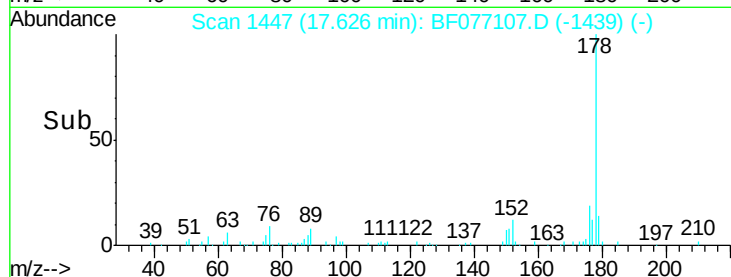
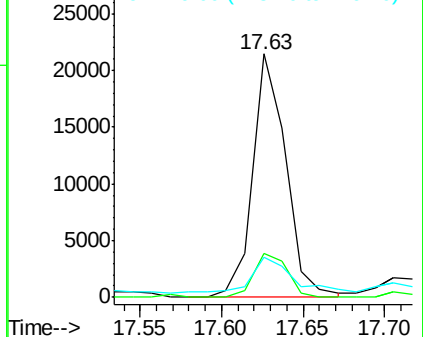
#70
 Phenanthrene
 Concen: 5.45 ng
 RT: 17.63 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF077107.D
 Acq: 28 Jan 2015 18:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 30384
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.1 22.7
 179 16.4 12.7 19.1

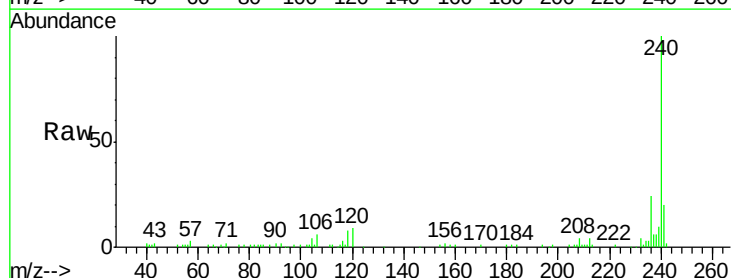


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

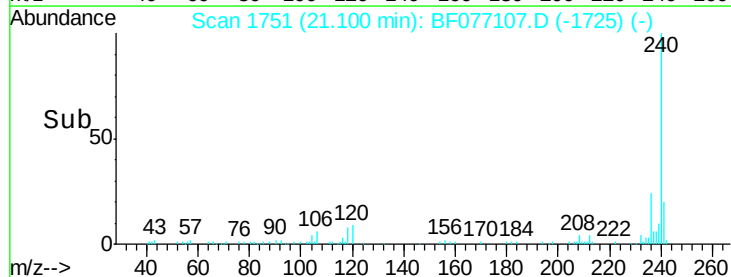
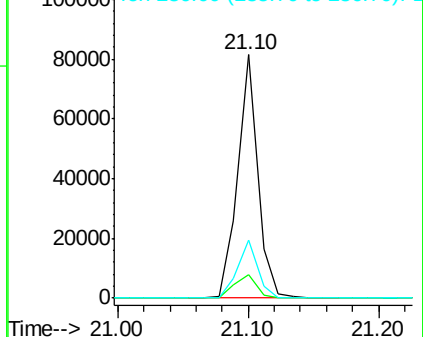


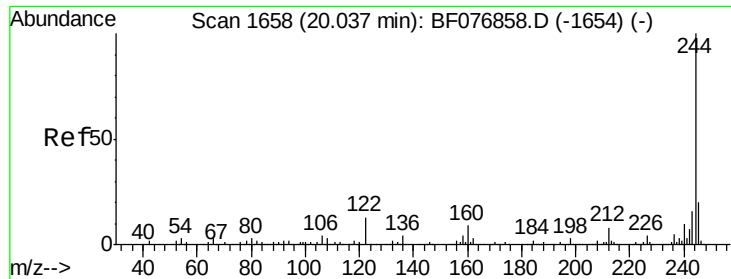
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.10 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BF077107.D
 Acq: 28 Jan 2015 18:04

Tgt Ion:240 Resp: 86819
 Ion Ratio Lower Upper
 240 100
 120 9.4 10.4 15.6#
 236 23.8 20.2 30.2



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

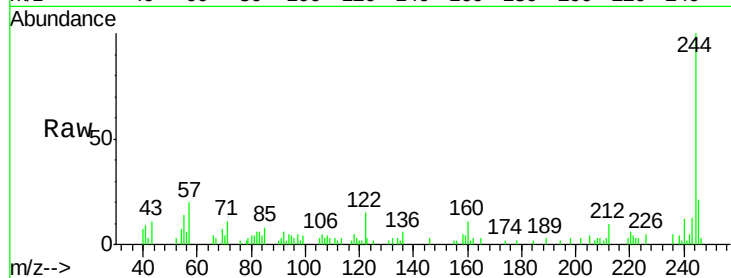




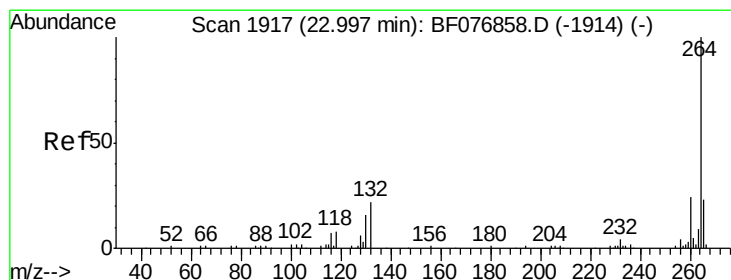
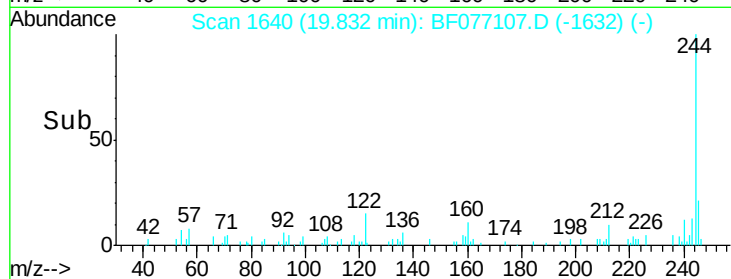
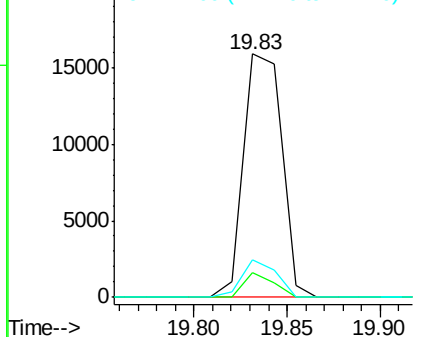
#78
 Terphenyl-d14
 Concen: 5.98 ng
 RT: 19.83 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF077107.D
 Acq: 28 Jan 2015 18:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 22568
 Ion Ratio Lower Upper
 244 100
 212 10.3 6.3 9.5#
 122 15.4 10.1 15.1#

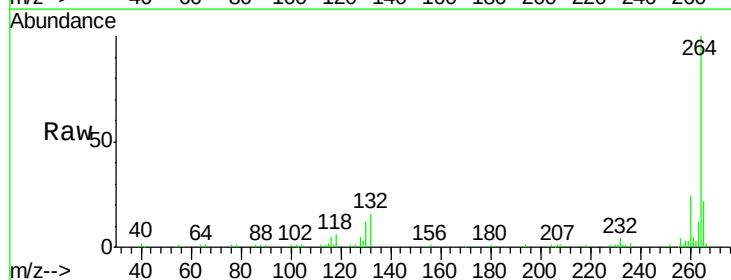


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.76 min Scan# 1896
 Delta R.T. 0.01 min
 Lab File: BF077107.D
 Acq: 28 Jan 2015 18:04

Tgt Ion:264 Resp: 79089
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.4
 265 22.0 18.1 27.1



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

