

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032015\
 Data File : BF077874.D
 Acq On : 20 Mar 2015 20:25
 Operator : TP/IZ
 Sample : G1575-13
 Misc : W
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-031815

Quant Time: Mar 20 23:08:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 23:52:05 2015
 Response via : Initial Calibration

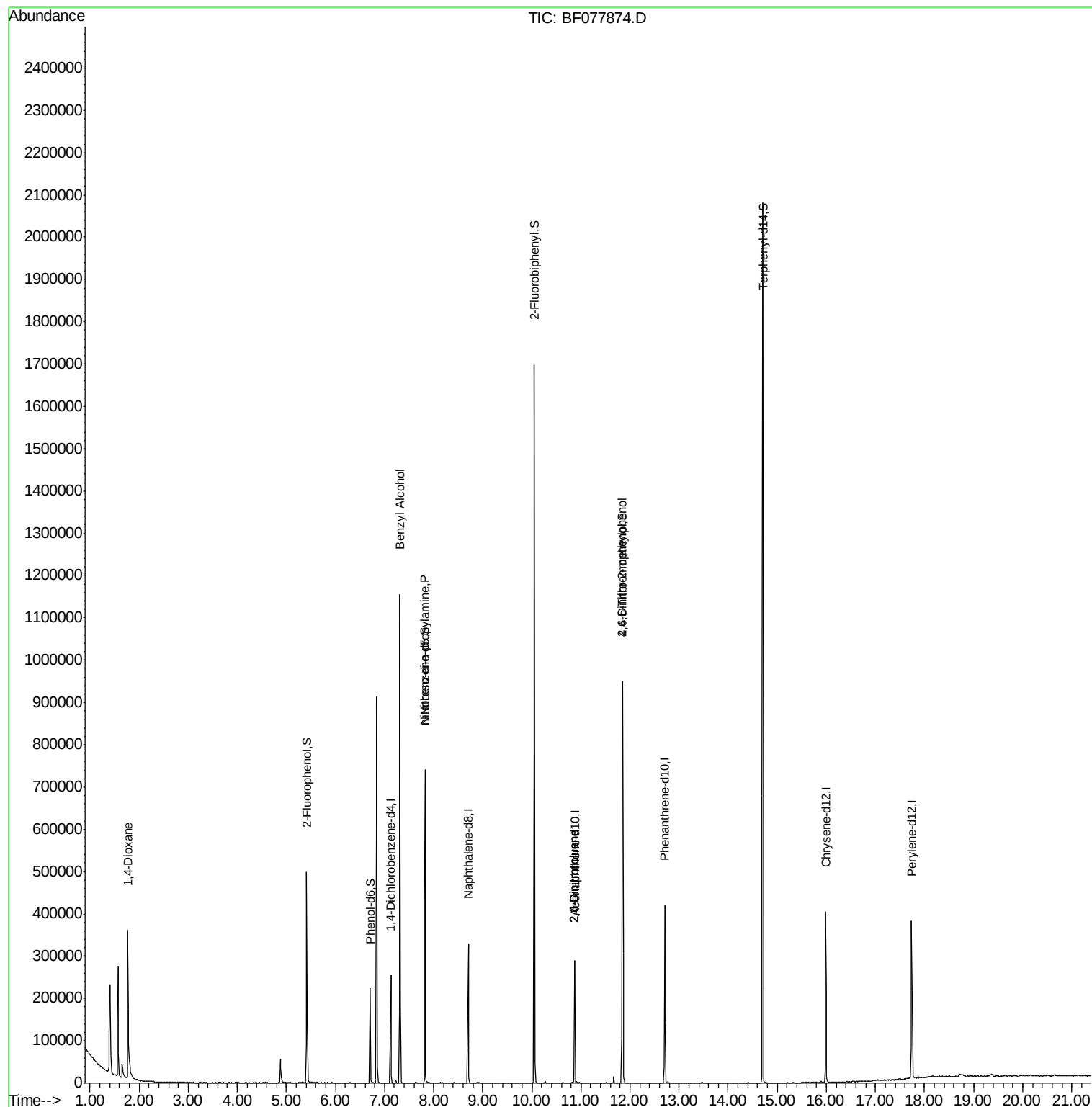
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	45735	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	179315	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	89854	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	173465	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	185217	20.00	ng	-0.02
86) Perylene-d12	17.73	264	182585	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	159191	60.76	ng	0.00
7) Phenol-d6	6.70	99	114446	35.35	ng	0.00
23) Nitrobenzene-d5	7.82	82	293138	107.16	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	114575	133.27	ng	-0.01
44) 2-Fluorobiphenyl	10.05	172	626103	102.40	ng	0.00
78) Terphenyl-d14	14.71	244	727580	95.95	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.77	88	15389	12.94	ng	# 100
15) Benzyl Alcohol	7.31	79	5217	2.06	ng	# 45
19) n-Nitroso-di-n-propylamine	7.82	70	36729	16.40	ng	# 77
50) 2,6-Dinitrotoluene	10.86	165	11192	8.10	ng	# 24
56) 2,4-Dinitrotoluene	10.86	165	11192	6.21	ng	# 11
64) 4,6-Dinitro-2-methylphenol	11.85	198	228	4.55	ng	# 1
76) Benzidine	14.41	184	796	Below Cal		# 68

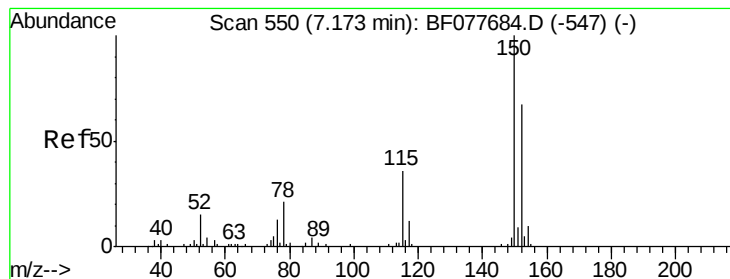
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 20 23:52:05 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF077874.D

Acq: 20 Mar 2015 20:25

Instrument :

BNA_F

ClientSampleId :

FB-031815

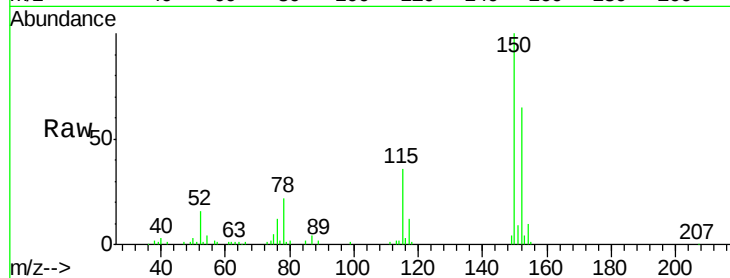
Tgt Ion:152 Resp: 45735

Ion Ratio Lower Upper

152 100

150 152.9 119.5 179.3

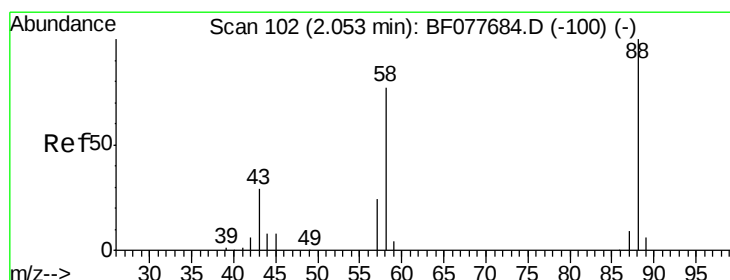
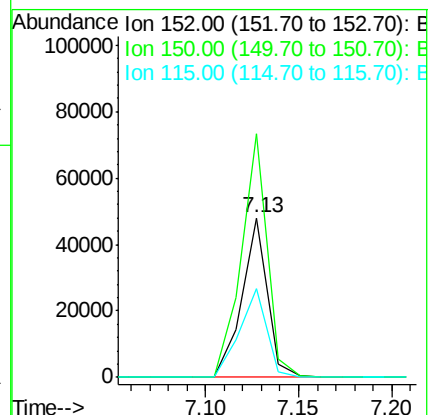
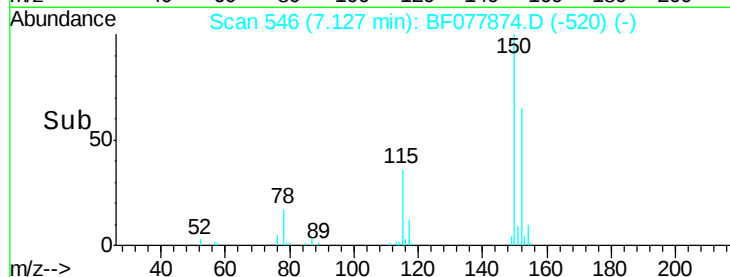
115 55.8 43.0 64.4



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



#2

1,4-Dioxane

Concen: 12.94 ng

RT: 1.77 min Scan# 77

Delta R.T. -0.23 min

Lab File: BF077874.D

Acq: 20 Mar 2015 20:25

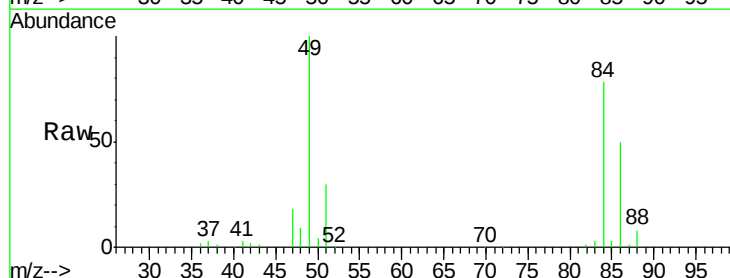
Tgt Ion: 88 Resp: 15389

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

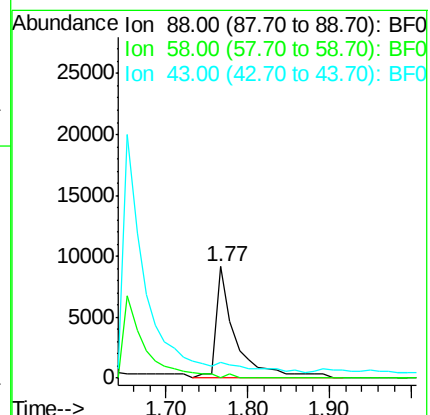
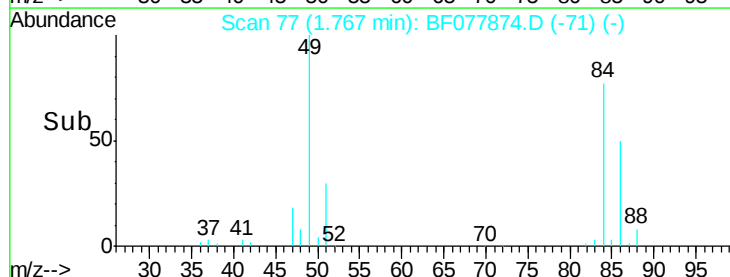
43 0.0 0.0 0.0

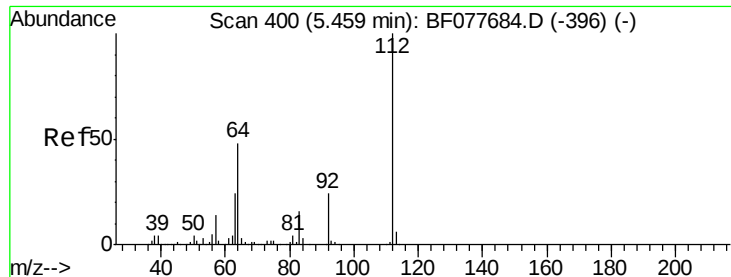


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 60.76 ng

RT: 5.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF077874.D

Acq: 20 Mar 2015 20:25

Instrument :

BNA_F

ClientSampleId :

FB-031815

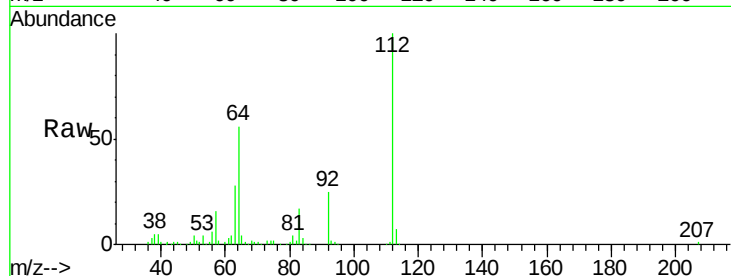
Tgt Ion: 112 Resp: 159191

Ion Ratio Lower Upper

112 100

64 56.0 38.6 57.8

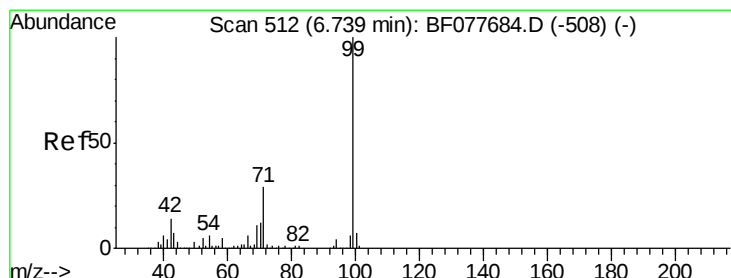
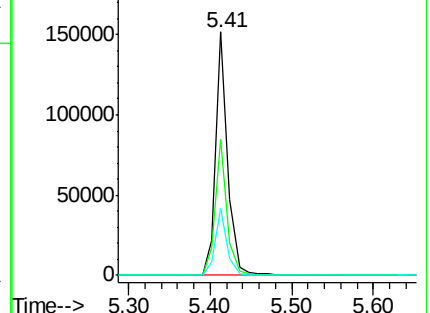
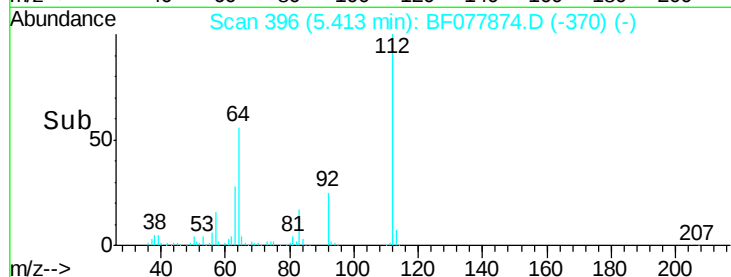
63 27.7 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): BF077684.D (-396) (-)

Ion 64.00 (63.70 to 64.70): BF077684.D (-396) (-)

Ion 63.00 (62.70 to 63.70): BF077684.D (-396) (-)



#7

Phenol-d6

Concen: 35.35 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077874.D

Acq: 20 Mar 2015 20:25

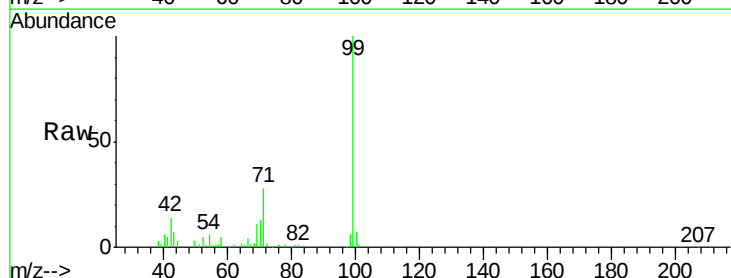
Tgt Ion: 99 Resp: 114446

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.4

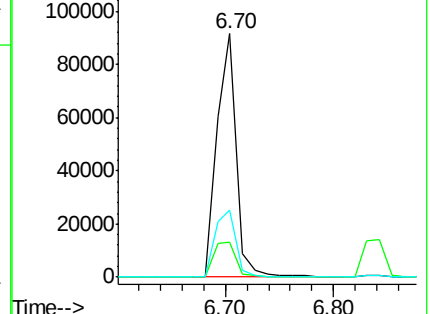
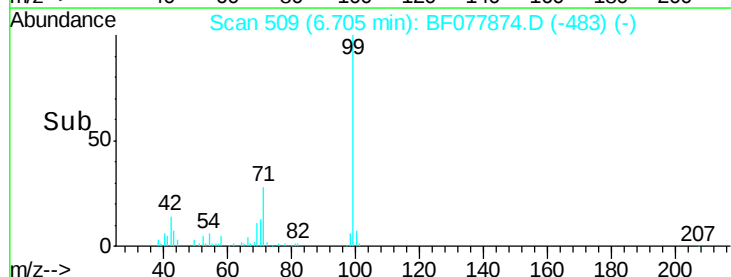
71 27.7 23.4 35.2

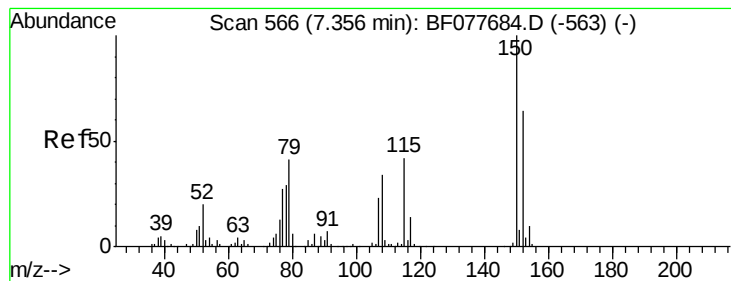


Abundance Ion 99.00 (98.70 to 99.70): BF077684.D (-508) (-)

Ion 42.00 (41.70 to 42.70): BF077684.D (-508) (-)

Ion 71.00 (70.70 to 71.70): BF077684.D (-508) (-)





#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 7.31 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF077874.D

Acq: 20 Mar 2015 20:25

Instrument :

BNA_F

ClientSampleId :

FB-031815

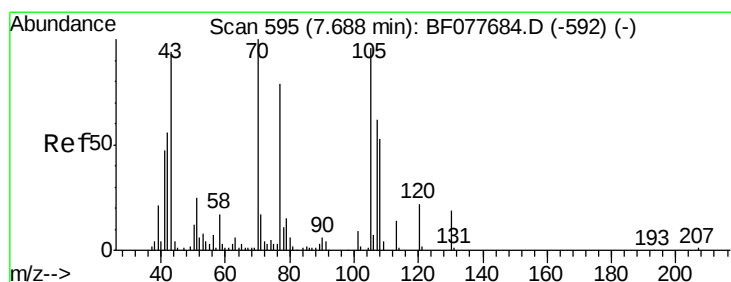
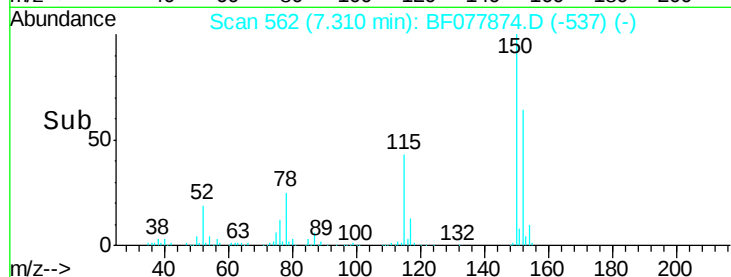
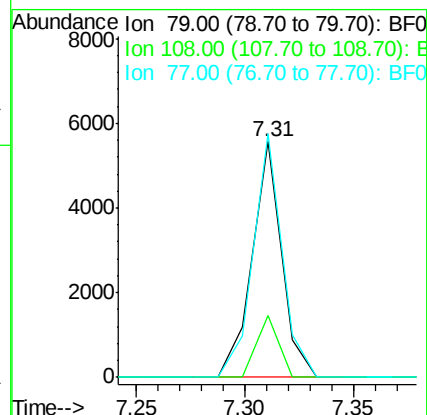
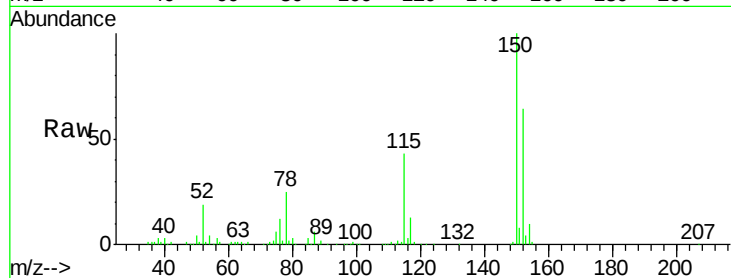
Tgt Ion: 79 Resp: 5217

Ion Ratio Lower Upper

79 100

108 26.6 65.0 97.4#

77 103.4 53.0 79.6#



#19

n-Nitroso-di-n-propylamine

Concen: 16.40 ng

RT: 7.82 min Scan# 607

Delta R.T. 0.17 min

Lab File: BF077874.D

Acq: 20 Mar 2015 20:25

Tgt Ion: 70 Resp: 36729

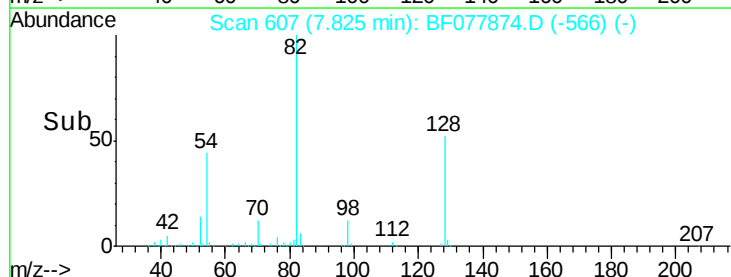
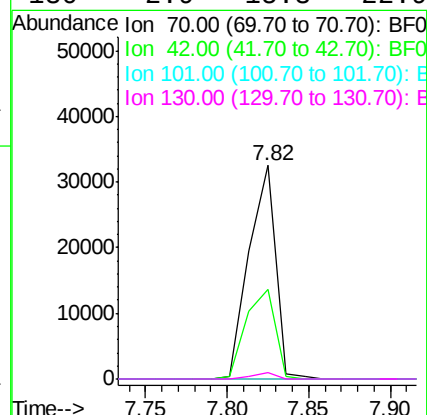
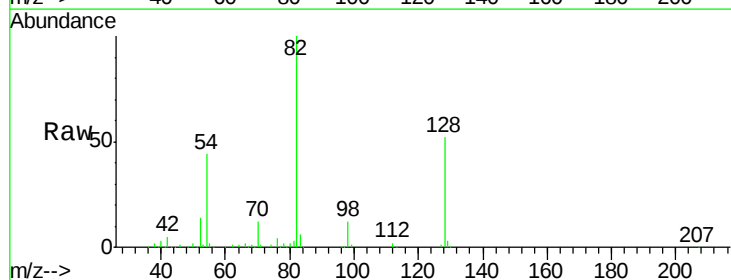
Ion Ratio Lower Upper

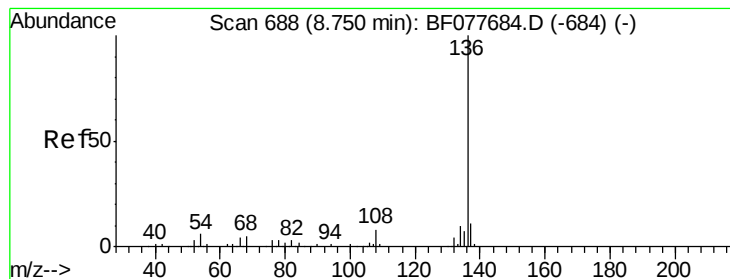
70 100

42 41.9 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: 8.70 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF077874.D

Acq: 20 Mar 2015 20:25

Instrument :

BNA_F

ClientSampleId :

FB-031815

Tgt Ion:136 Resp: 179315

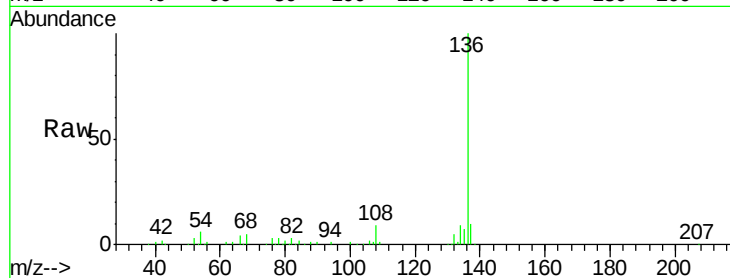
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 5.7 4.6 6.8

68 4.7 3.7 5.5

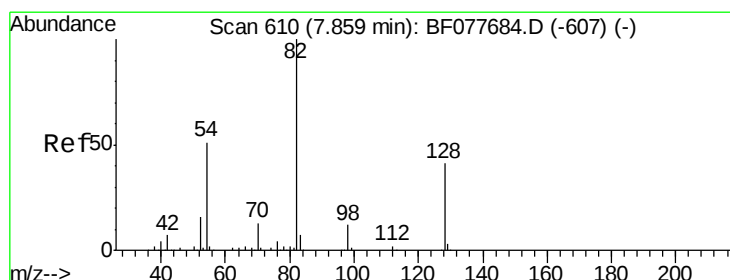
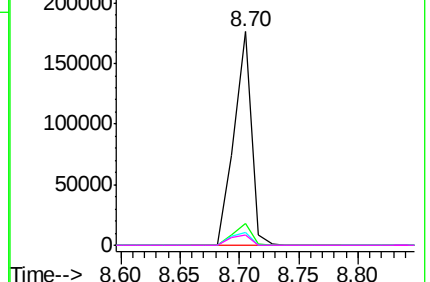
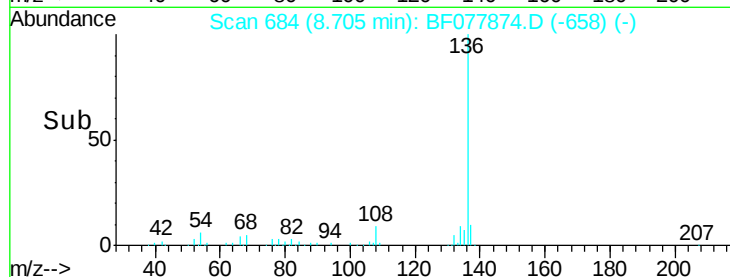


Abundance Ion 136.00 (135.70 to 136.70): E

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: 107.16 ng

RT: 7.82 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF077874.D

Acq: 20 Mar 2015 20:25

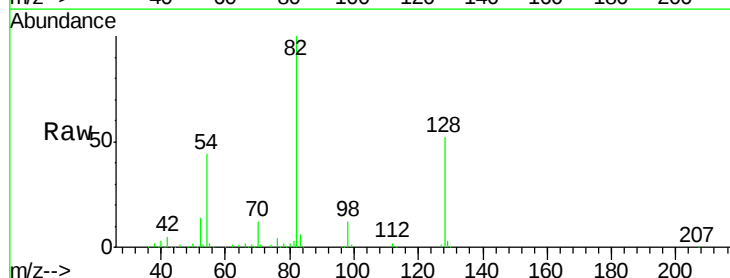
Tgt Ion: 82 Resp: 293138

Ion Ratio Lower Upper

82 100

128 51.8 32.8 49.2#

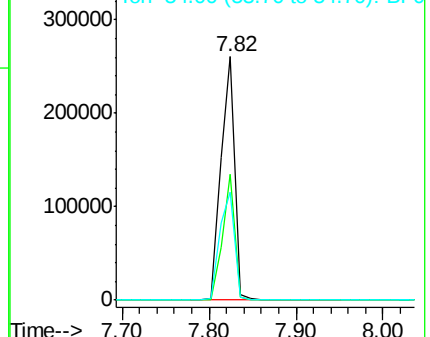
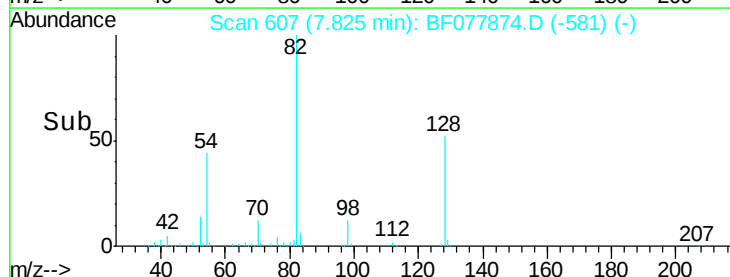
54 44.2 40.6 60.8

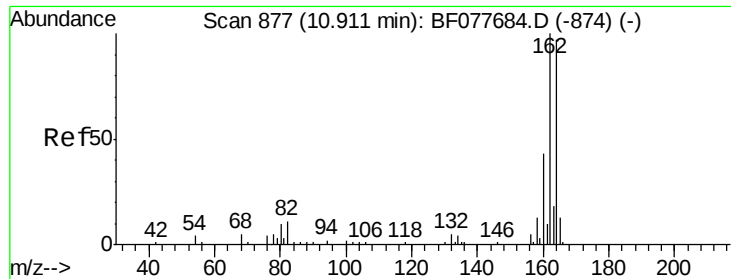


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

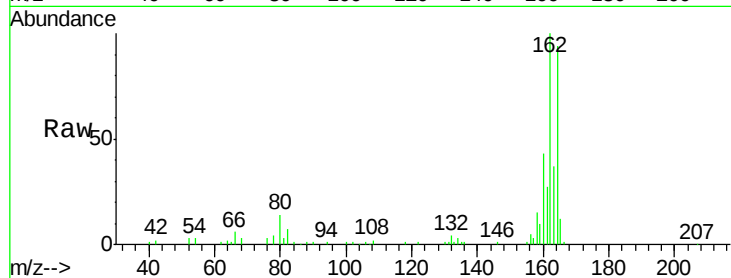




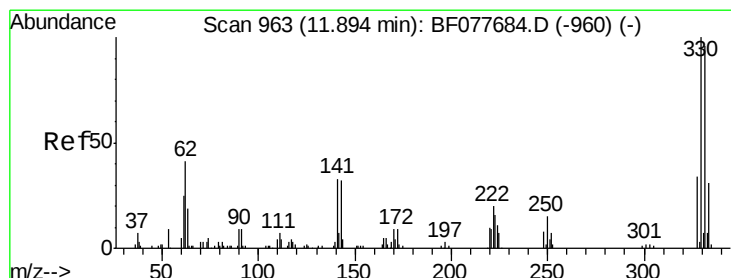
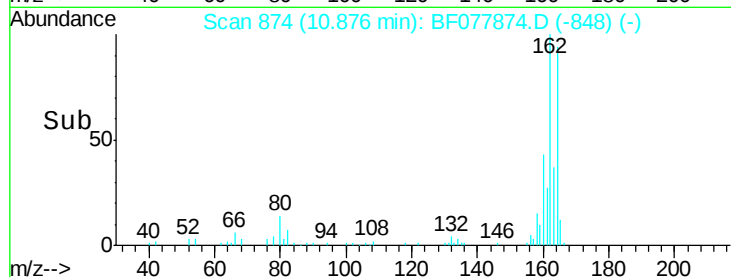
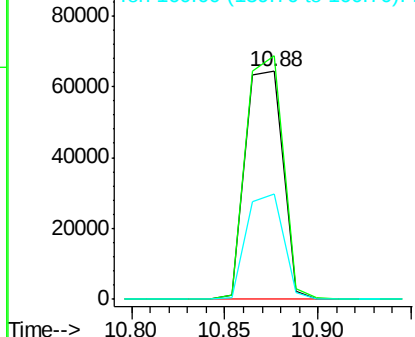
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BF077874.D
 Acq: 20 Mar 2015 20:25

Instrument :
 BNA_F
 ClientSampleId :
 FB-031815

Tgt Ion:164 Resp: 89854
 Ion Ratio Lower Upper
 164 100
 162 106.8 82.4 123.6
 160 46.4 35.8 53.6

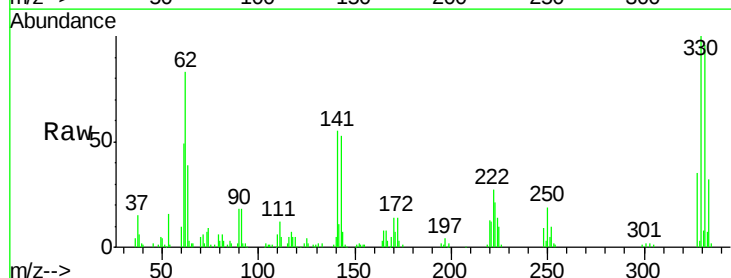


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

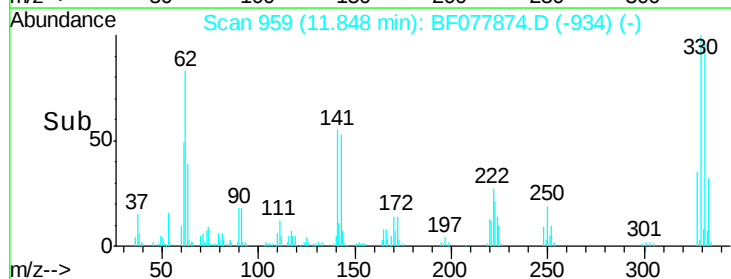
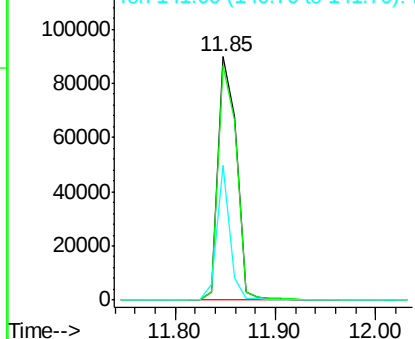


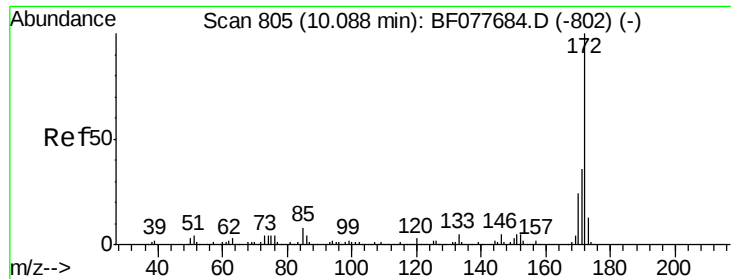
#41
 2,4,6-Tribromophenol
 Concen: 133.27 ng
 RT: 11.85 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF077874.D
 Acq: 20 Mar 2015 20:25

Tgt Ion:330 Resp: 114575
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 39.0 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: 102.40 ng

RT: 10.05 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF077874.D

Acq: 20 Mar 2015 20:25

Instrument :

BNA_F

ClientSampleId :

FB-031815

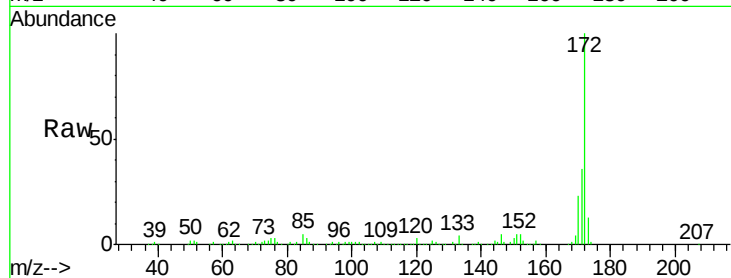
Tgt Ion:172 Resp: 626103

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

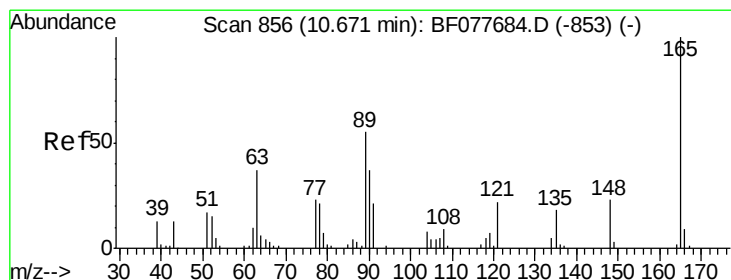
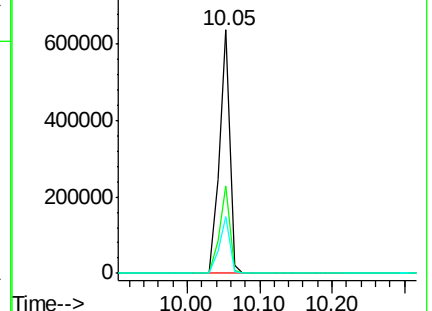
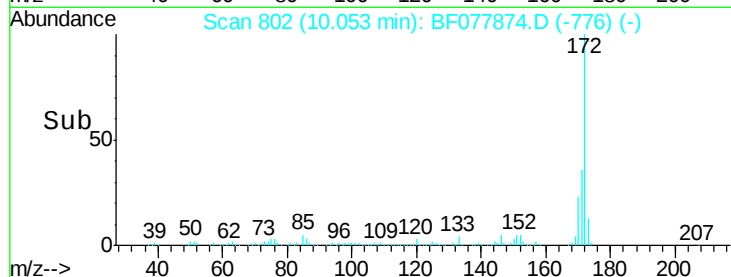
170 23.4 18.8 28.2



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



#50

2,6-Dinitrotoluene

Concen: 8.10 ng

RT: 10.86 min Scan# 873

Delta R.T. 0.23 min

Lab File: BF077874.D

Acq: 20 Mar 2015 20:25

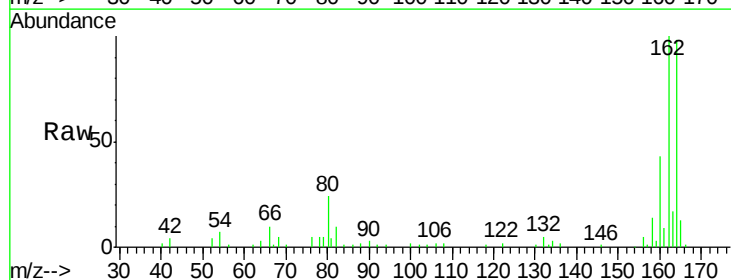
Tgt Ion:165 Resp: 11192

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

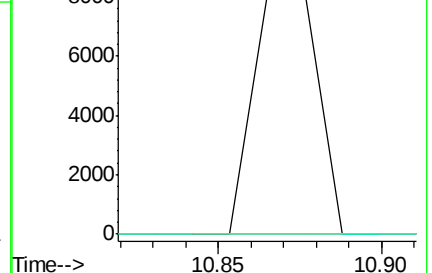
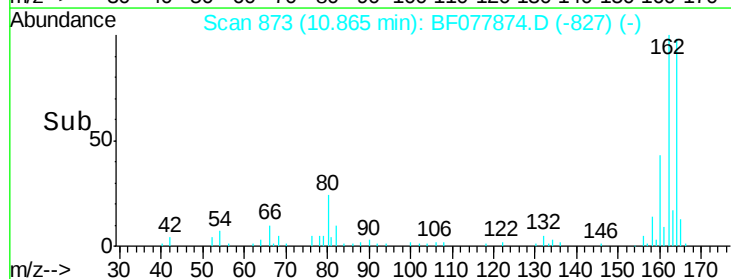
89 0.0 44.3 66.5#

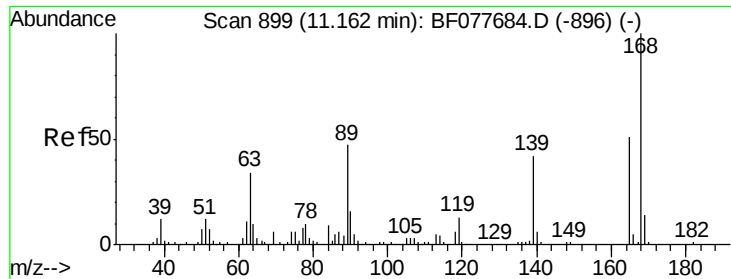


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

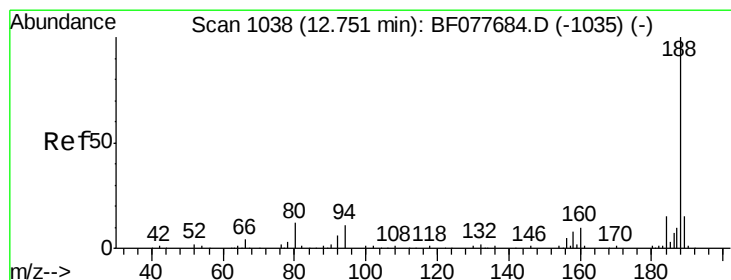
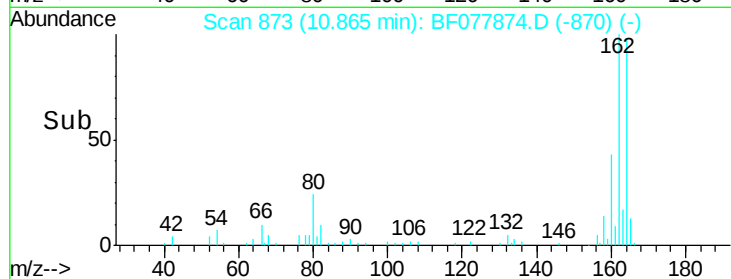
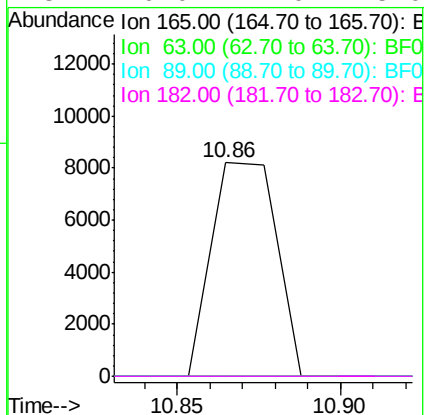
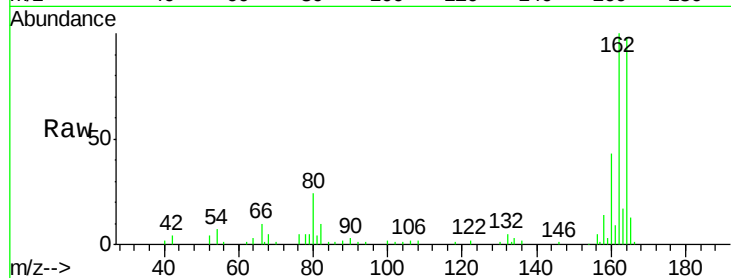




#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 10.86 min Scan# 873
 Delta R.T. -0.26 min
 Lab File: BF077874.D
 Acq: 20 Mar 2015 20:25

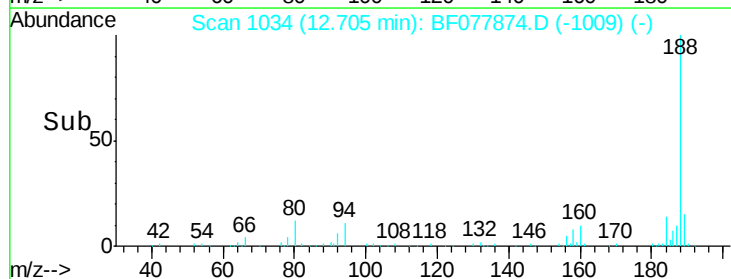
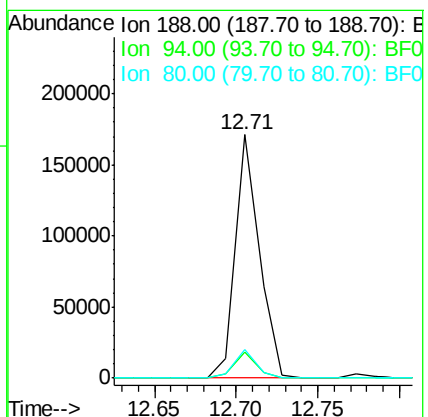
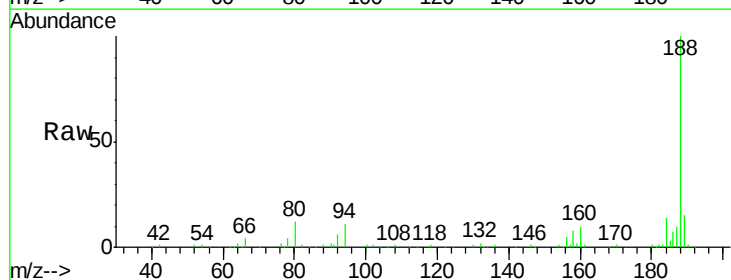
Instrument :
 BNA_F
 ClientSampleId :
 FB-031815

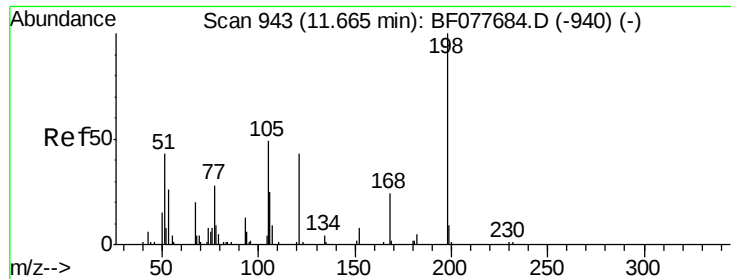
Tgt Ion:165 Resp: 11192
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.4 78.6#
 89 0.0 72.4 108.6#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.71 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF077874.D
 Acq: 20 Mar 2015 20:25

Tgt Ion:188 Resp: 173465
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.7 13.1
 80 11.9 9.3 13.9

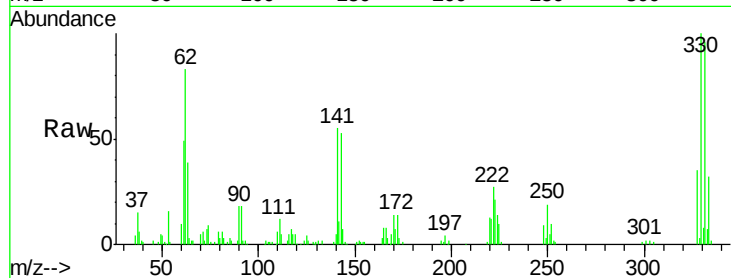




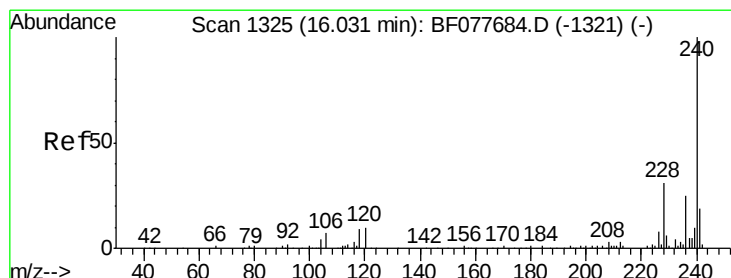
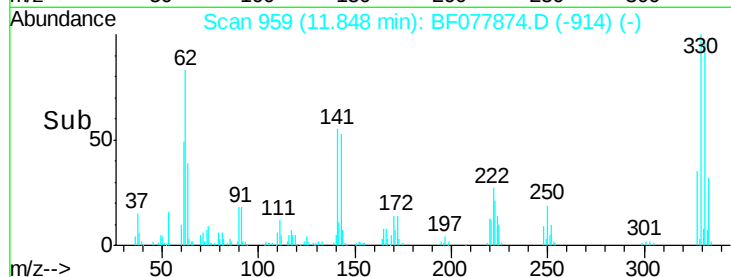
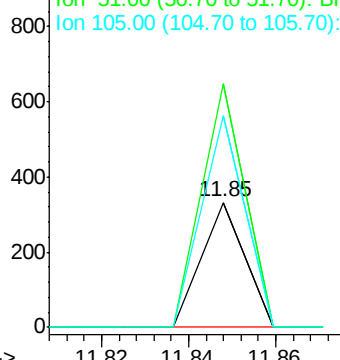
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.55 ng
 RT: 11.85 min Scan# 959
 Delta R.T. 0.22 min
 Lab File: BF077874.D
 Acq: 20 Mar 2015 20:25

Instrument :
 BNA_F
 ClientSampled :
 FB-031815

Tgt Ion:198 Resp: 228
 Ion Ratio Lower Upper
 198 100
 51 194.6 28.8 68.8#
 105 169.1 30.5 70.5#

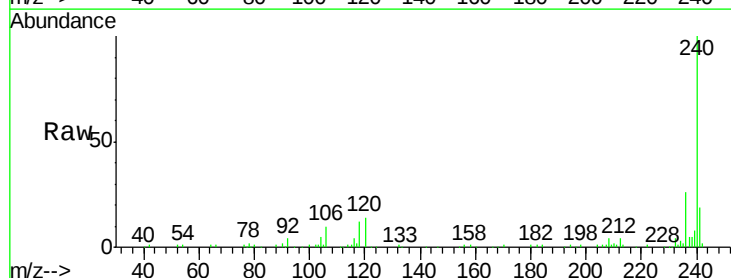


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

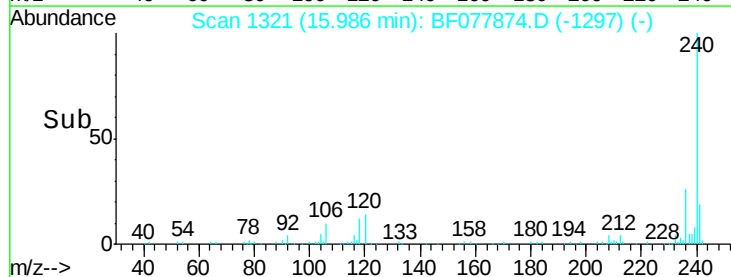
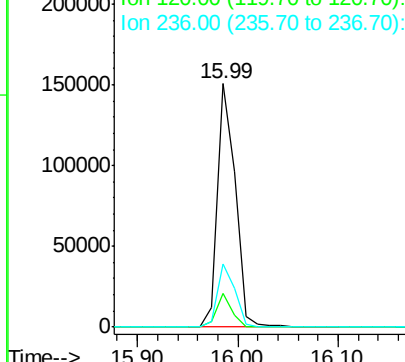


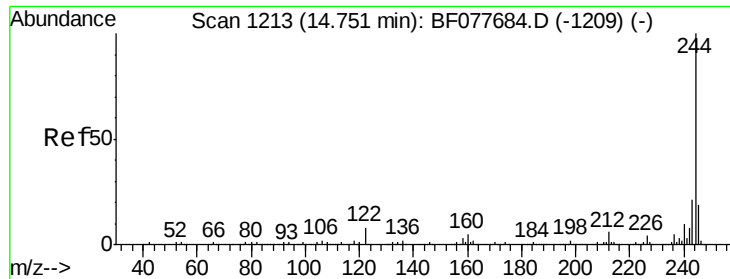
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.99 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF077874.D
 Acq: 20 Mar 2015 20:25

Tgt Ion:240 Resp: 185217
 Ion Ratio Lower Upper
 240 100
 120 14.0 8.2 12.2#
 236 26.0 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

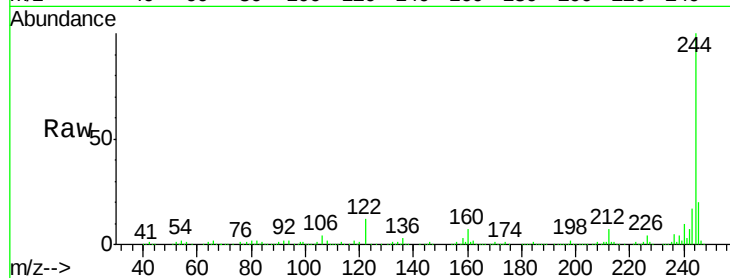




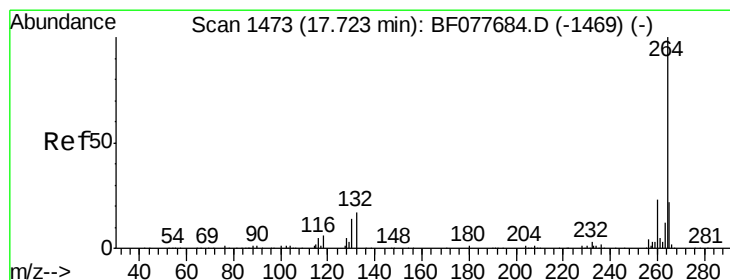
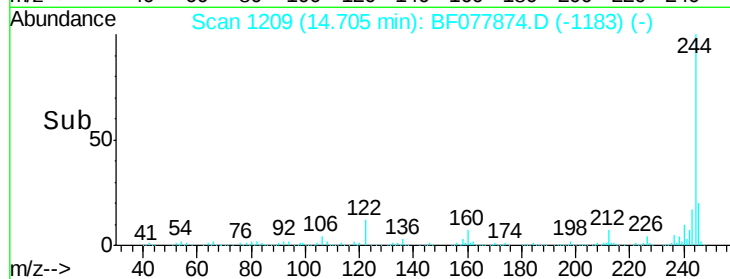
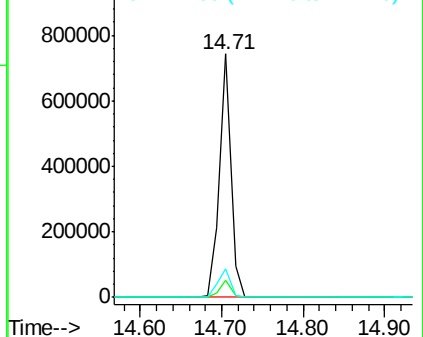
#78
 Terphenyl-d14
 Concen: 95.95 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF077874.D
 Acq: 20 Mar 2015 20:25

Instrument :
 BNA_F
 ClientSampleId :
 FB-031815

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.9	7.3
122	11.9	6.2	9.4

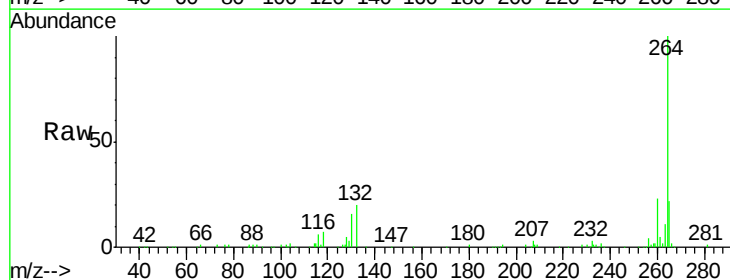


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.73 min Scan# 1474
 Delta R.T. -0.10 min
 Lab File: BF077874.D
 Acq: 20 Mar 2015 20:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.7	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

