

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077948.D
 Acq On : 25 Mar 2015 10:45
 Operator : TP/IZ
 Sample : G1613-20
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14

Quant Time: Mar 25 11:24:18 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 11:05:58 2015
 Response via : Initial Calibration

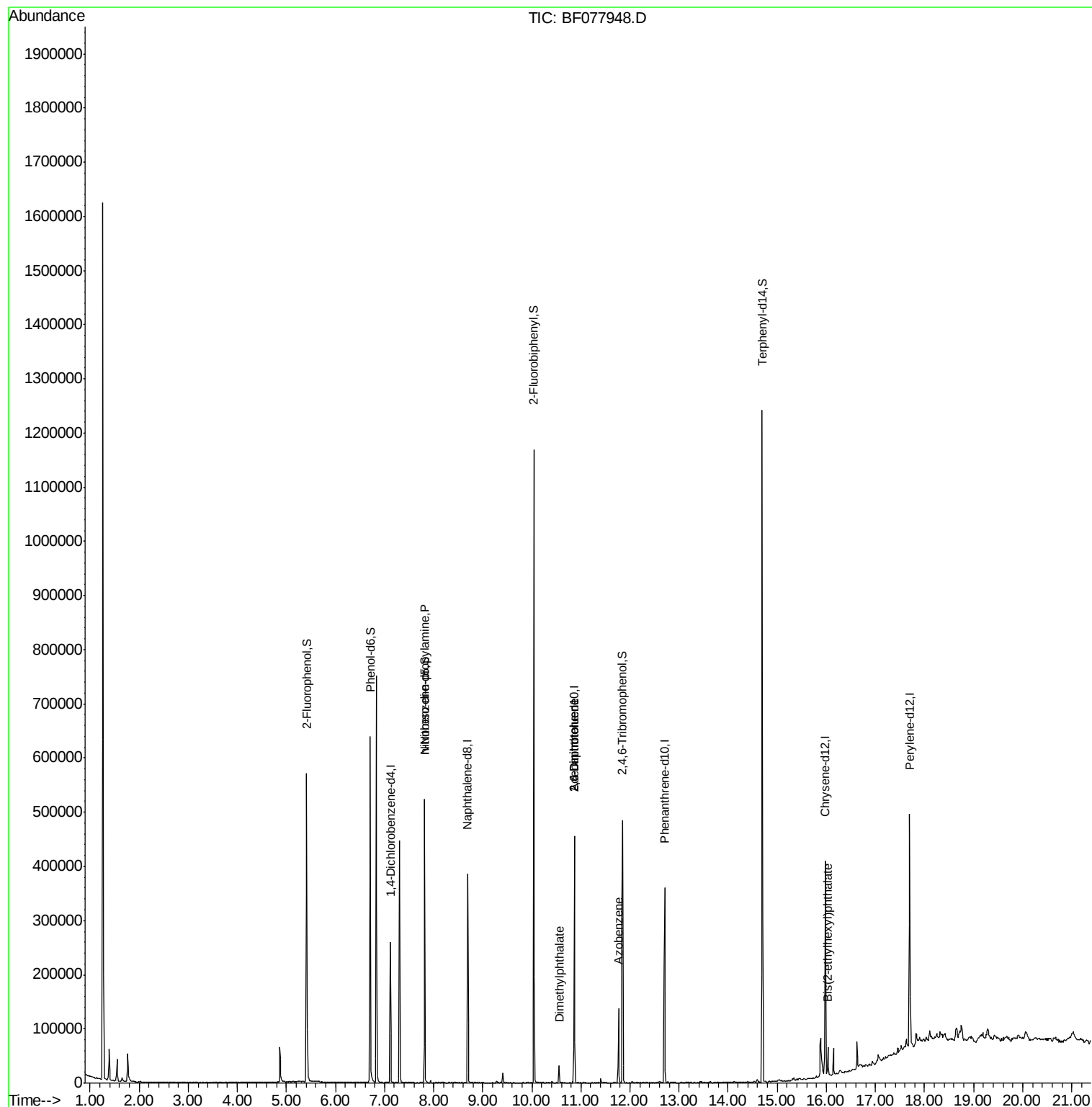
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	43488	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	183894	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	91087	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	174083	20.00	ng	0.01
75) Chrysene-d12	15.97	240	192799	20.00	ng	-0.01
86) Perylene-d12	17.70	264	191694	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	220918	88.67	ng	0.01
7) Phenol-d6	6.70	99	289604	94.08	ng	0.01
23) Nitrobenzene-d5	7.81	82	162476	57.92	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	71649	82.21	ng	0.01
44) 2-Fluorobiphenyl	10.04	172	367944	59.36	ng	0.00
78) Terphenyl-d14	14.69	244	428696	54.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.81	70	21145	9.93	ng	# 81
49) Dimethylphthalate	10.56	163	21766	3.22	ng	# 96
50) 2,6-Dinitrotoluene	10.87	165	11984	8.56	ng	# 24
56) 2,4-Dinitrotoluene	10.87	165	11985	6.56	ng	# 11
62) Azobenzene	11.77	77	27048	4.30	ng	# 1
76) Benzidine	14.40	184	1179	Below Cal		# 68
83) Bis(2-ethylhexyl)phthalate	16.03	149	16346	2.26	ng	# 97

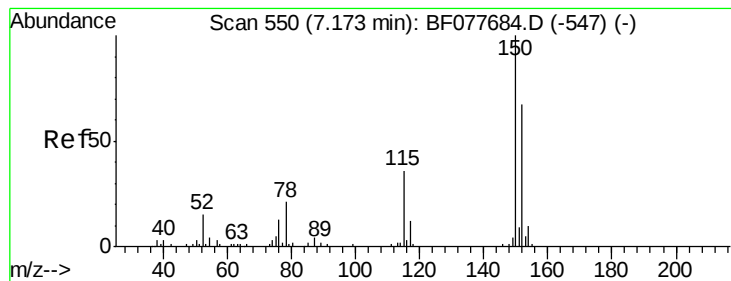
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF077948.D

Acq: 25 Mar 2015 10:45

Instrument :

BNA_F

ClientSampleId :

SB-14

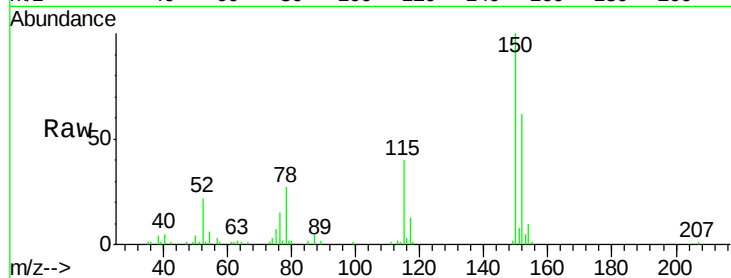
Tgt Ion:152 Resp: 43488

Ion Ratio Lower Upper

152 100

150 160.2 119.5 179.3

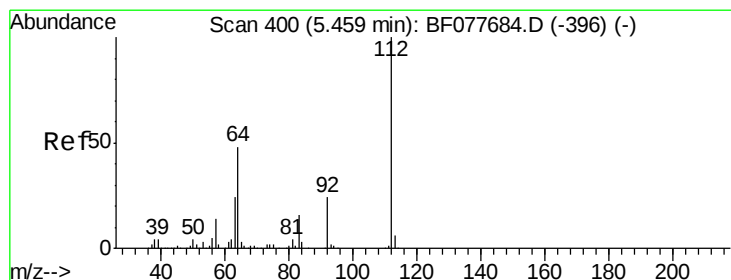
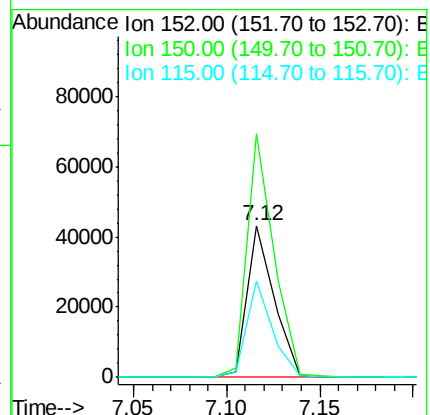
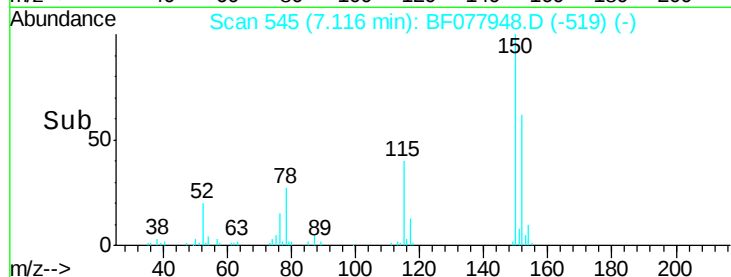
115 63.8 43.0 64.4



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



#5

2-Fluorophenol

Concen: 88.67 ng

RT: 5.41 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF077948.D

Acq: 25 Mar 2015 10:45

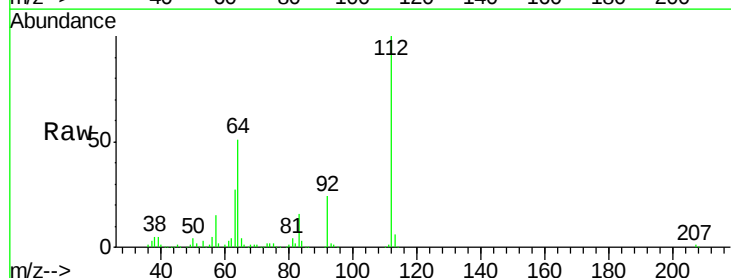
Tgt Ion:112 Resp: 220918

Ion Ratio Lower Upper

112 100

64 51.2 38.6 57.8

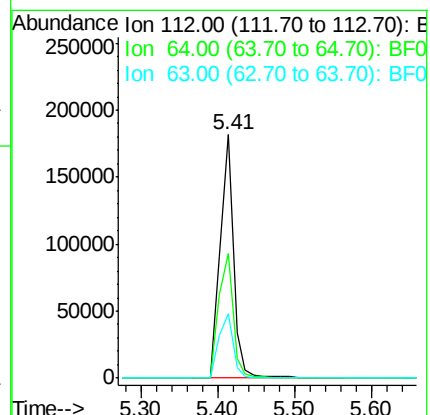
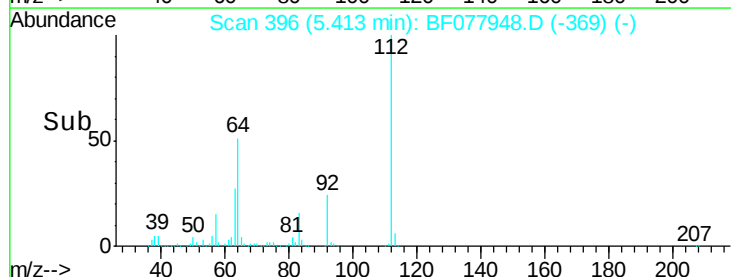
63 26.6 19.3 28.9

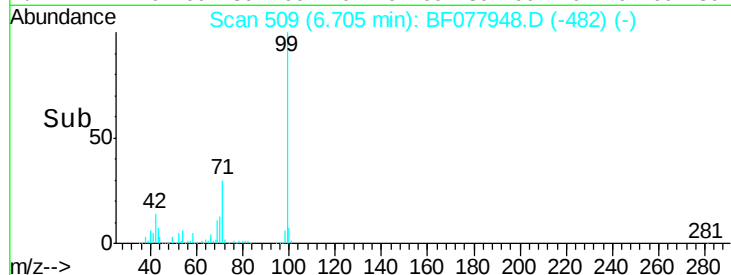
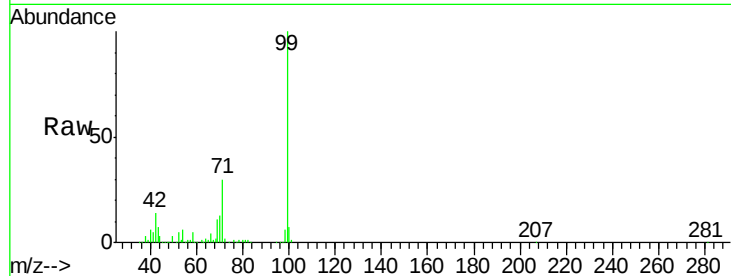
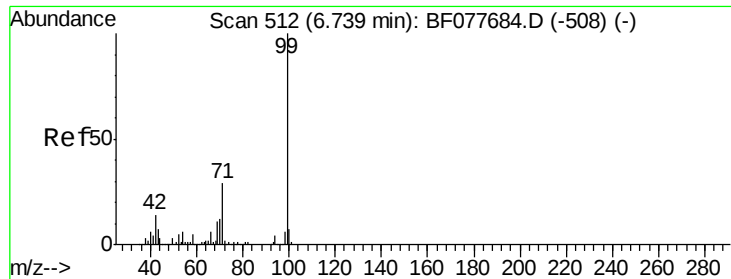


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.08 ng

RT: 6.70 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF077948.D

Acq: 25 Mar 2015 10:45

Instrument :

BNA_F

ClientSampleId :

SB-14

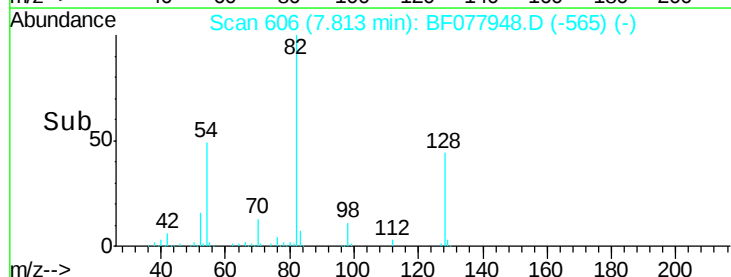
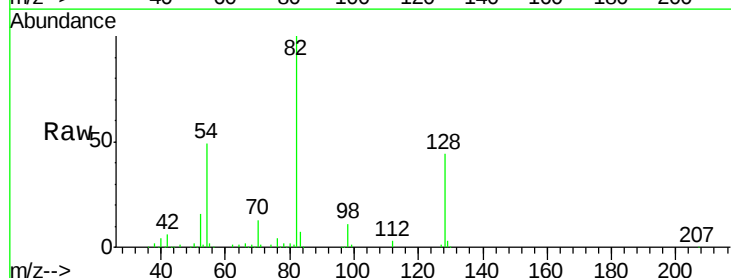
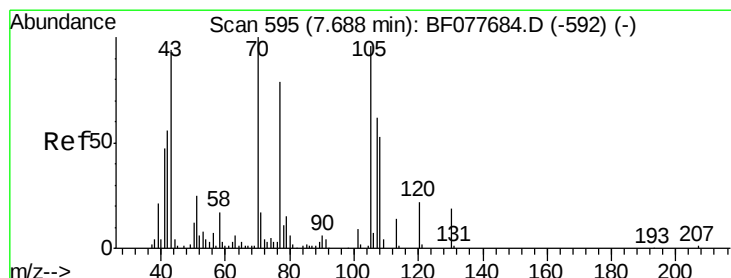
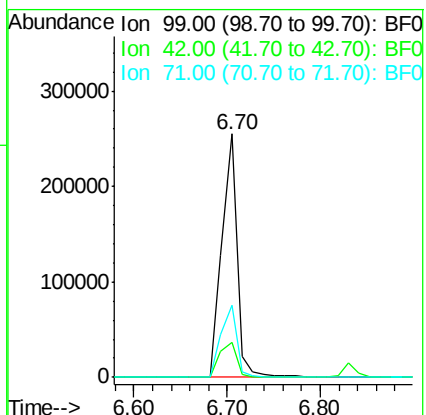
Tgt Ion: 99 Resp: 289604

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.4

71 29.8 23.4 35.2



#19

n-Nitroso-di-n-propylamine

Concen: 9.93 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.17 min

Lab File: BF077948.D

Acq: 25 Mar 2015 10:45

Tgt Ion: 70 Resp: 21145

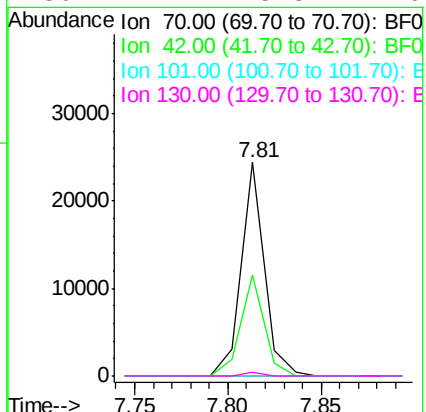
Ion Ratio Lower Upper

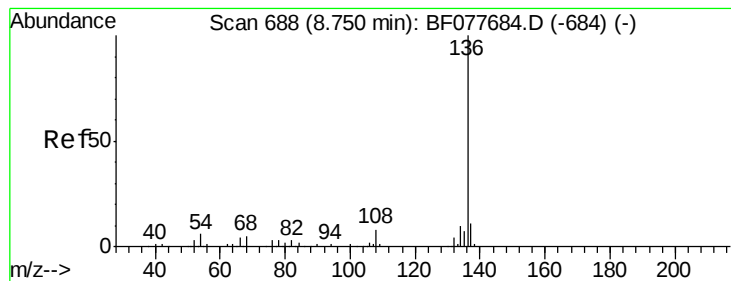
70 100

42 47.6 44.5 66.7

101 0.0 7.4 11.2#

130 1.7 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: BF077948.D

Acq: 25 Mar 2015 10:45

Instrument :

BNA_F

ClientSampleId :

SB-14

Tgt Ion:136 Resp: 183894

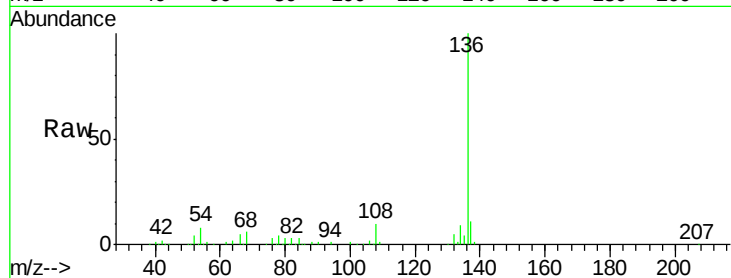
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.8 4.6 6.8#

68 6.0 3.7 5.5#

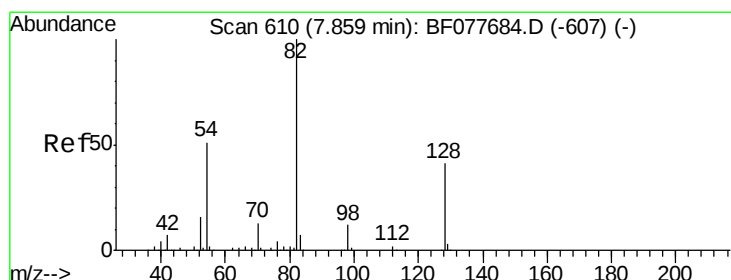
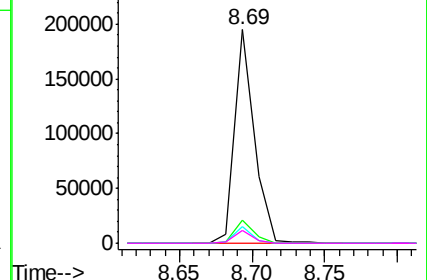
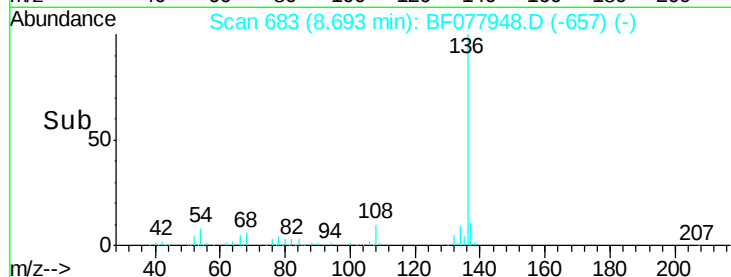


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.92 ng

RT: 7.81 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF077948.D

Acq: 25 Mar 2015 10:45

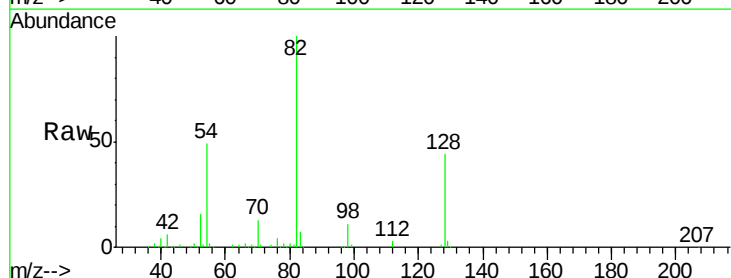
Tgt Ion: 82 Resp: 162476

Ion Ratio Lower Upper

82 100

128 44.1 32.8 49.2

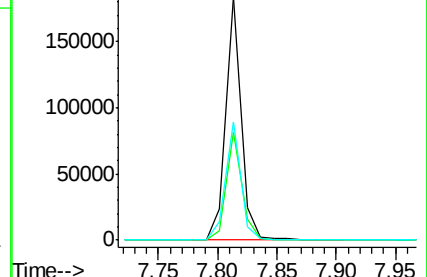
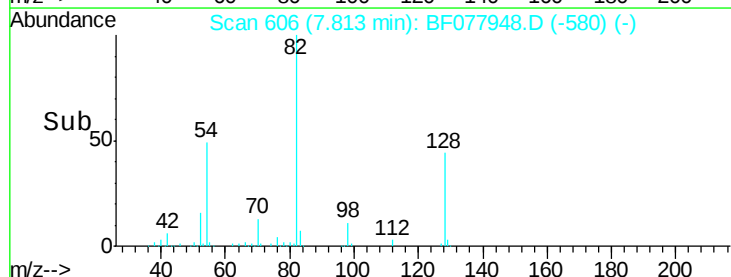
54 48.5 40.6 60.8

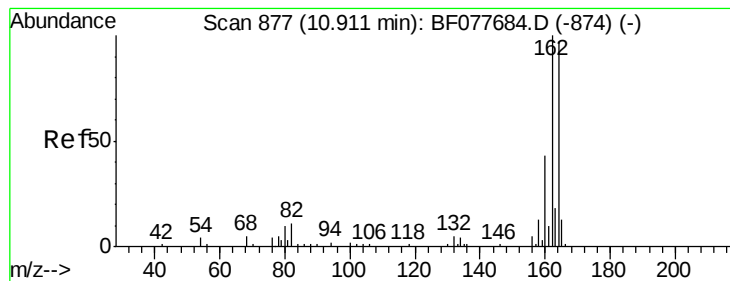


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.87 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF077948.D

Acq: 25 Mar 2015 10:45

Instrument :

BNA_F

ClientSampleId :

SB-14

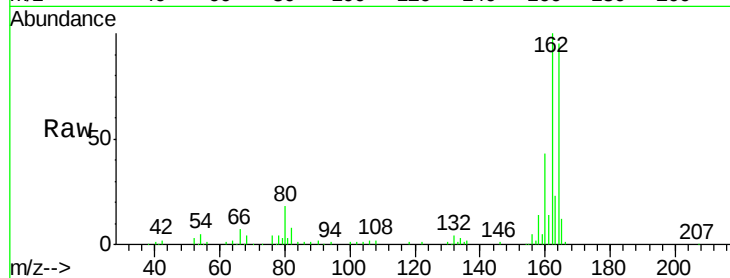
Tgt Ion:164 Resp: 91087

Ion Ratio Lower Upper

164 100

162 105.2 82.4 123.6

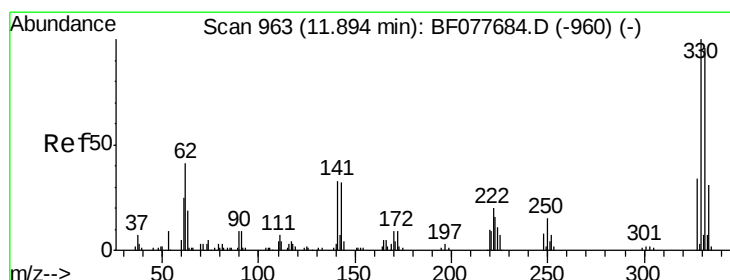
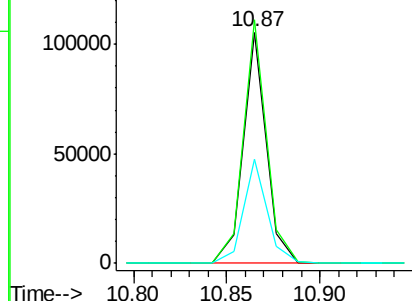
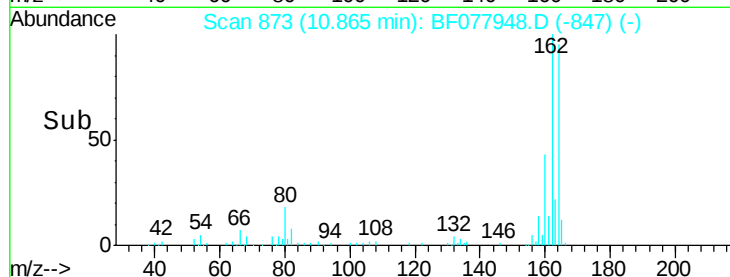
160 45.2 35.8 53.6



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: 82.21 ng

RT: 11.85 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF077948.D

Acq: 25 Mar 2015 10:45

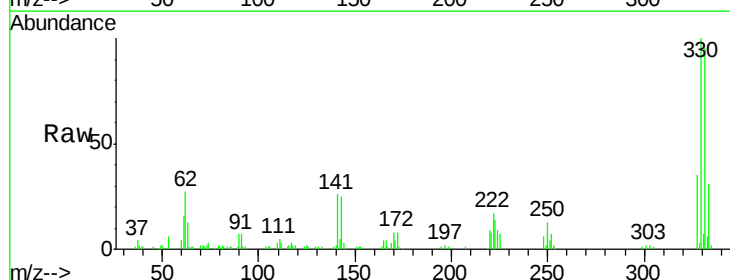
Tgt Ion:330 Resp: 71649

Ion Ratio Lower Upper

330 100

332 95.0 0.0 0.0#

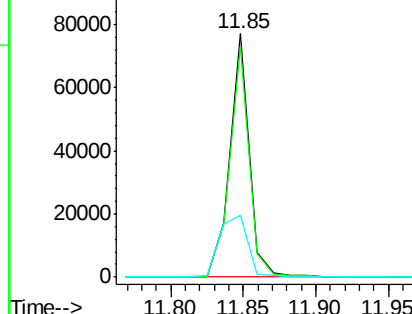
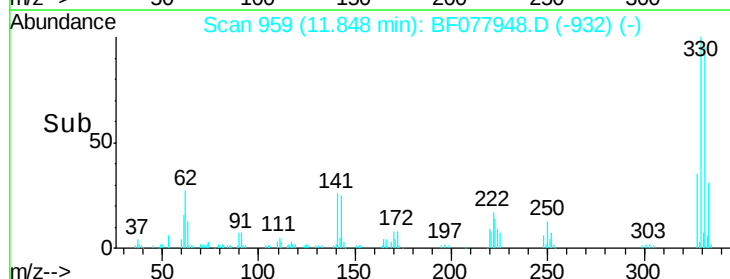
141 36.6 0.0 0.0#

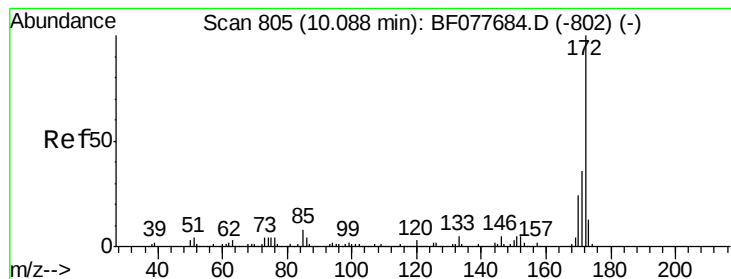


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 59.36 ng

RT: 10.04 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF077948.D

Acq: 25 Mar 2015 10:45

Instrument :

BNA_F

ClientSampled :

SB-14

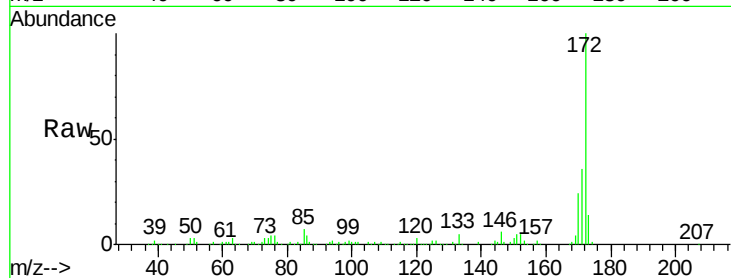
Tgt Ion:172 Resp: 367944

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

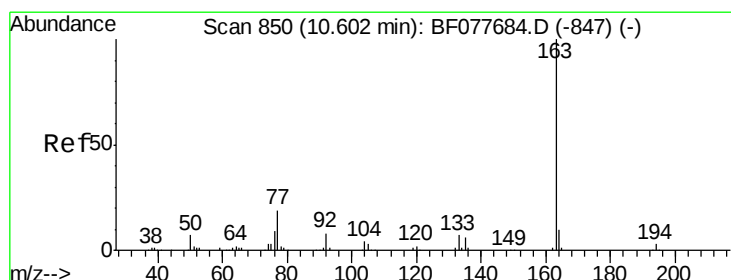
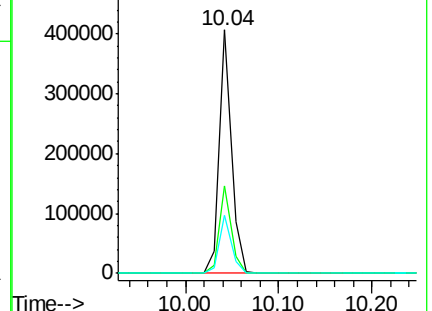
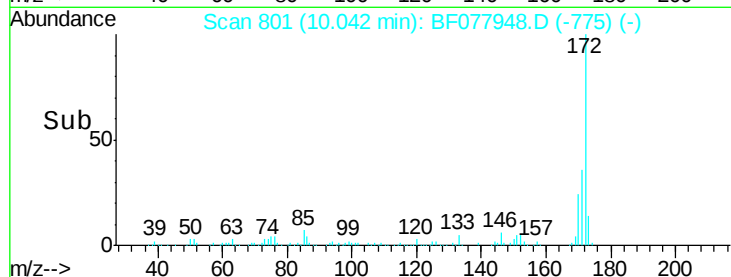
170 23.8 18.8 28.2



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



#49

Dimethylphthalate

Concen: 3.22 ng

RT: 10.56 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF077948.D

Acq: 25 Mar 2015 10:45

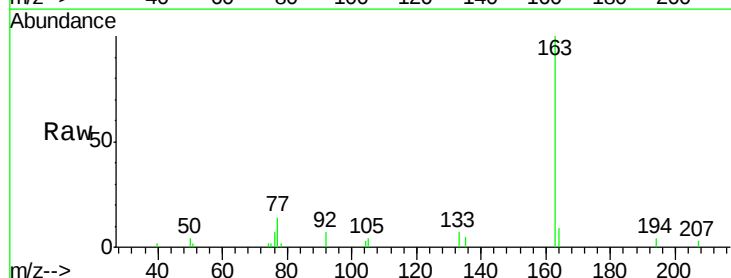
Tgt Ion:163 Resp: 21766

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

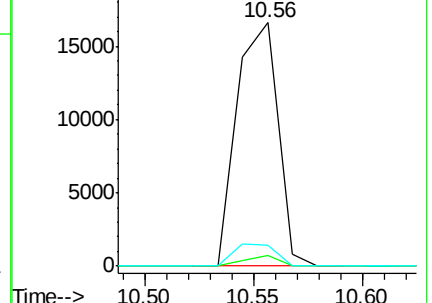
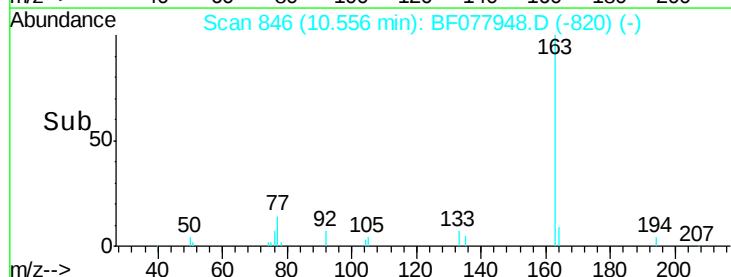
164 8.6 8.2 12.2

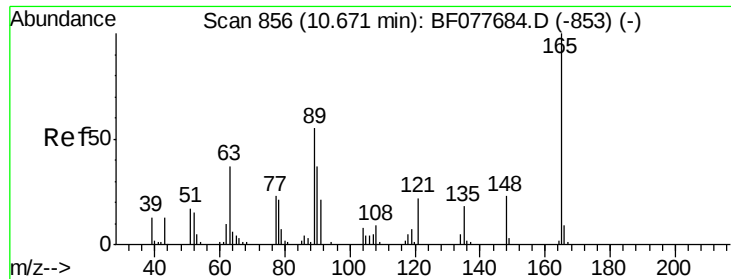


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

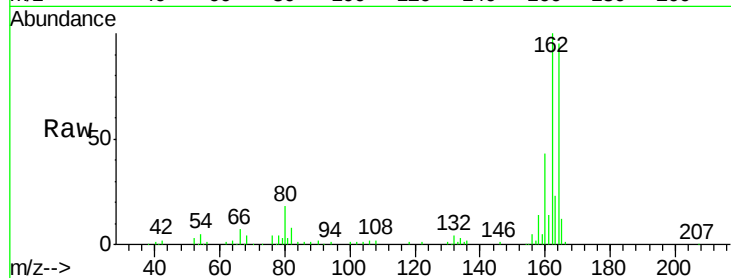




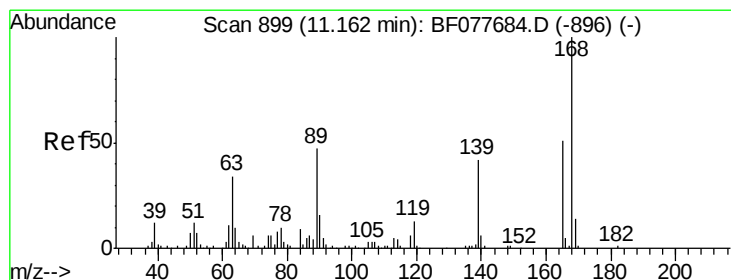
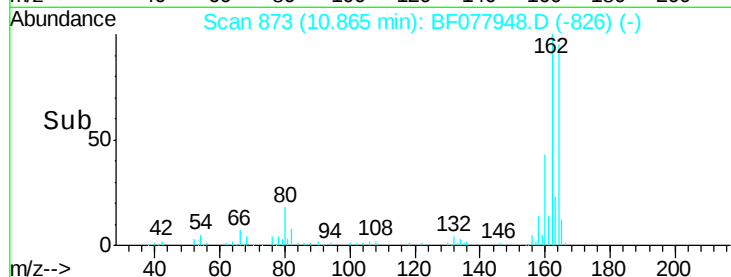
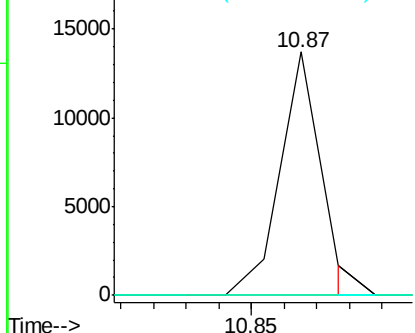
#50
 2,6-Dinitrotoluene
 Concen: 8.56 ng
 RT: 10.87 min Scan# 873
 Delta R.T. 0.24 min
 Lab File: BF077948.D
 Acq: 25 Mar 2015 10:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-14

Tgt Ion:165 Resp: 11984
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.1 66.1#
 89 0.0 44.3 66.5#

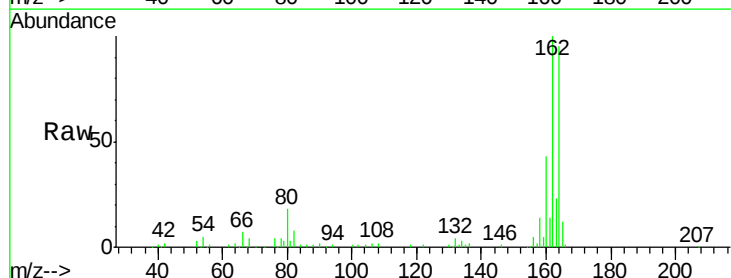


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

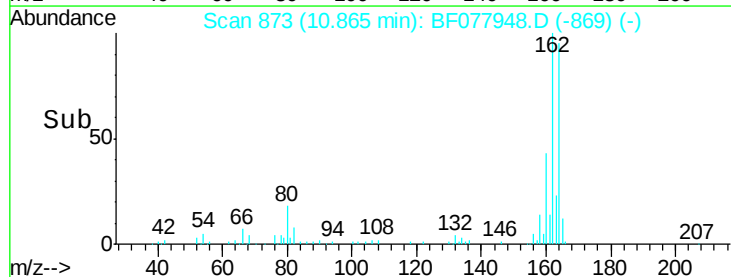
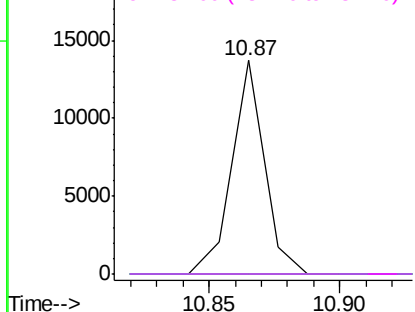


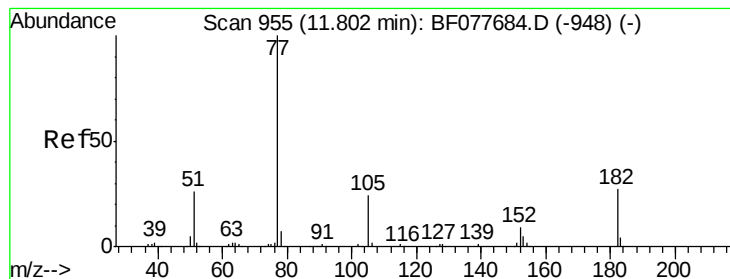
#56
 2,4-Dinitrotoluene
 Concen: 6.56 ng
 RT: 10.87 min Scan# 873
 Delta R.T. -0.25 min
 Lab File: BF077948.D
 Acq: 25 Mar 2015 10:45

Tgt Ion:165 Resp: 11985
 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





#62

Azobenzene

Concen: 4.30 ng

RT: 11.77 min Scan# 952

Delta R.T. 0.02 min

Lab File: BF077948.D

Acq: 25 Mar 2015 10:45

Instrument :

BNA_F

ClientSampleId :

SB-14

Tgt Ion: 77 Resp: 27048

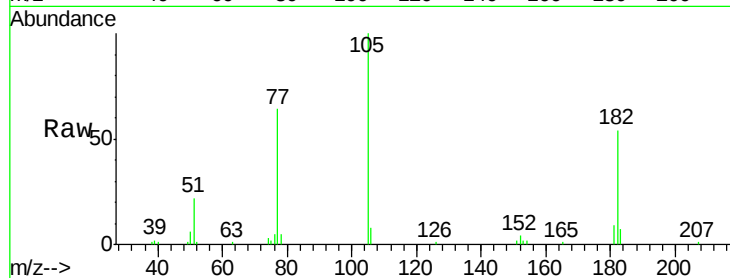
Ion Ratio Lower Upper

77 100

182 84.3 6.5 46.5#

105 155.8 3.8 43.8#

51 34.6 5.5 45.5

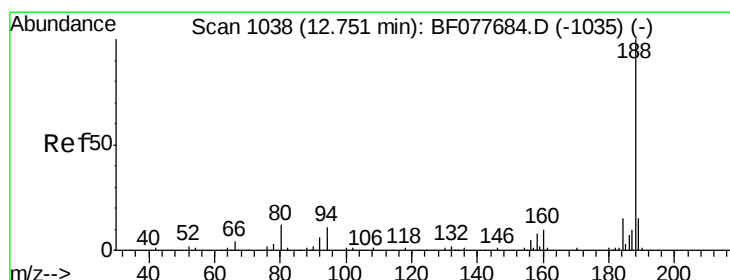
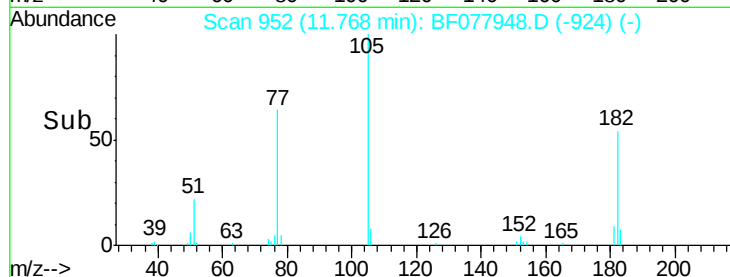
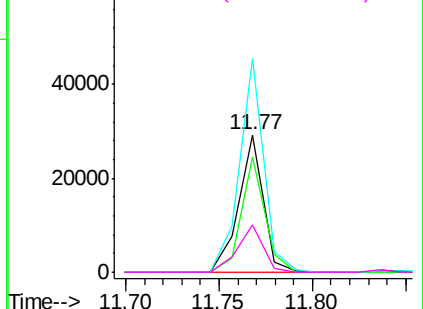


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.71 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF077948.D

Acq: 25 Mar 2015 10:45

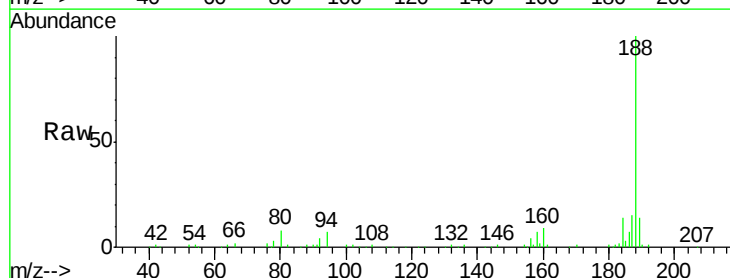
Tgt Ion: 188 Resp: 174083

Ion Ratio Lower Upper

188 100

94 7.4 8.7 13.1#

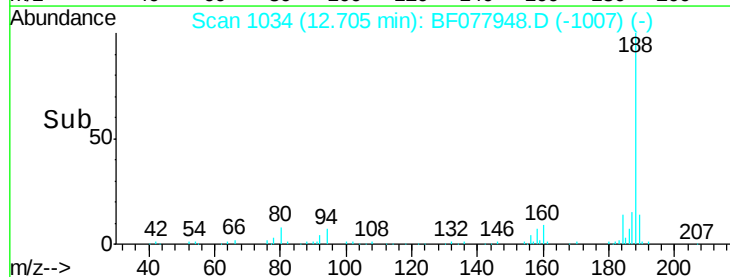
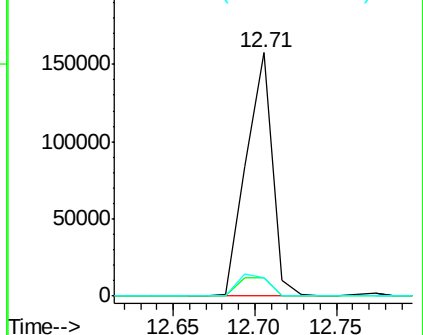
80 7.7 9.3 13.9#

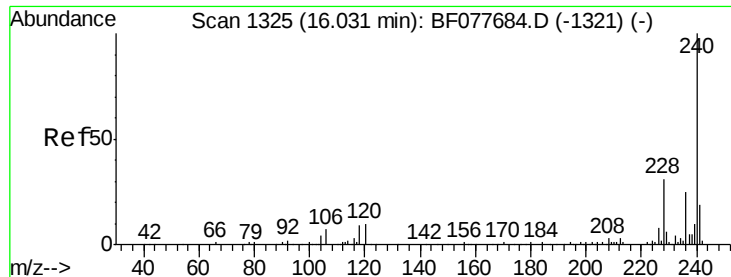


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

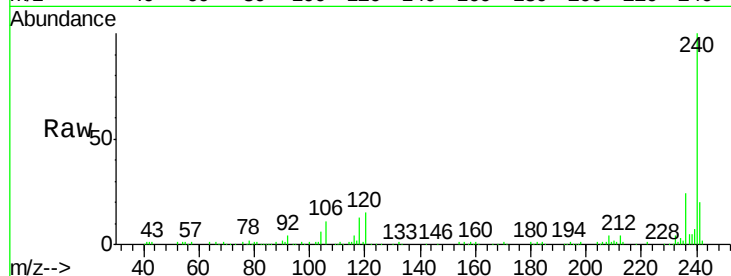




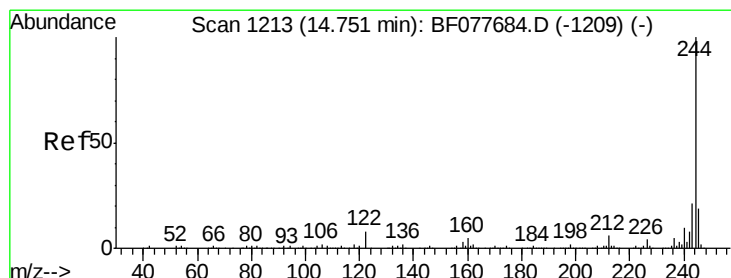
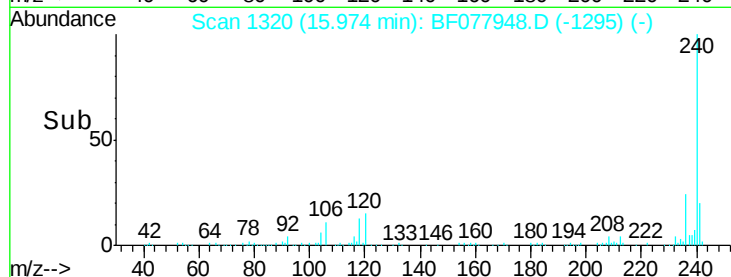
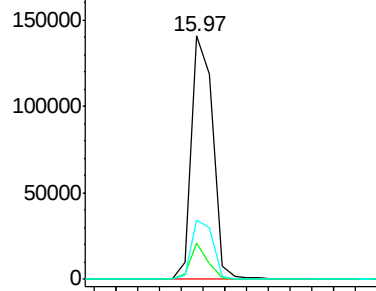
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.97 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF077948.D
Acq: 25 Mar 2015 10:45

Instrument :
BNA_F
ClientSampleId :
SB-14

Tgt Ion:240 Resp: 192799
Ion Ratio Lower Upper
240 100
120 15.0 8.2 12.2#
236 24.4 20.0 30.0

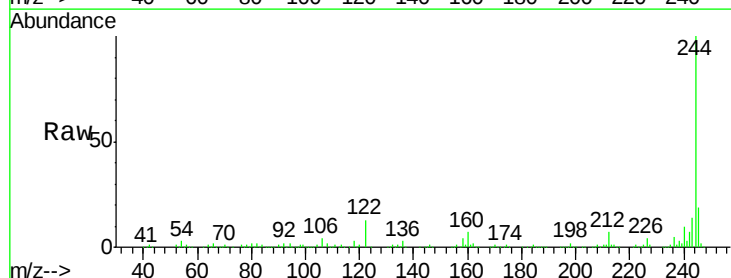


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

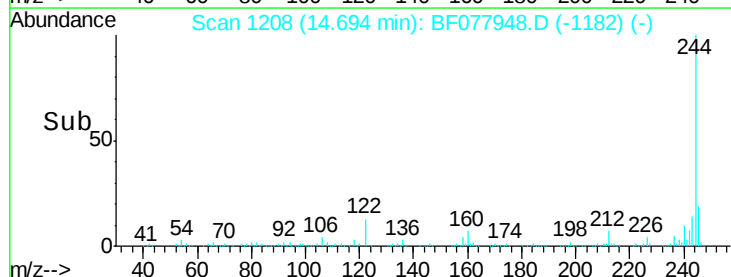
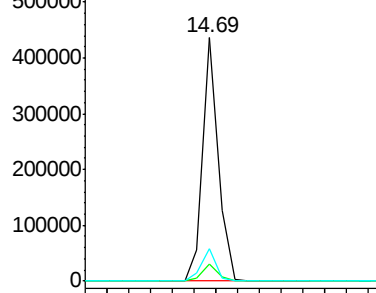


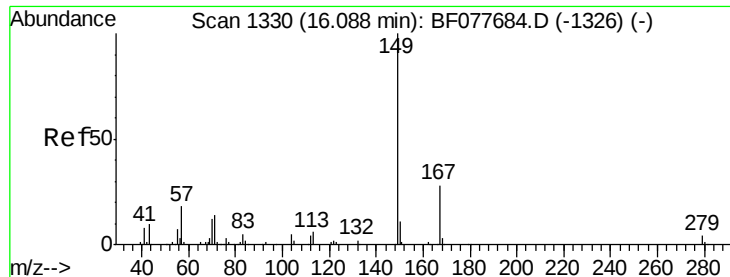
#78
Terphenyl-d14
Concen: 54.31 ng
RT: 14.69 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF077948.D
Acq: 25 Mar 2015 10:45

Tgt Ion:244 Resp: 428696
Ion Ratio Lower Upper
244 100
212 7.0 4.9 7.3
122 13.4 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

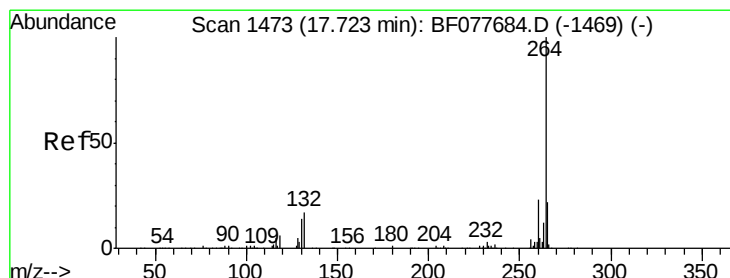
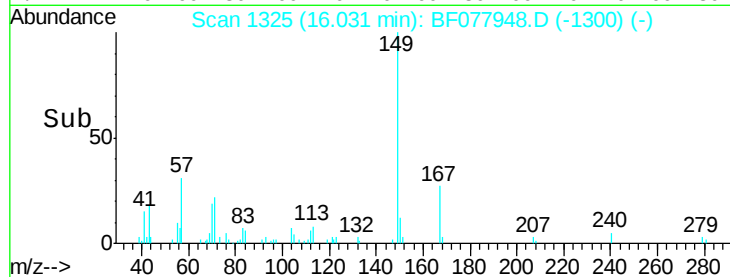
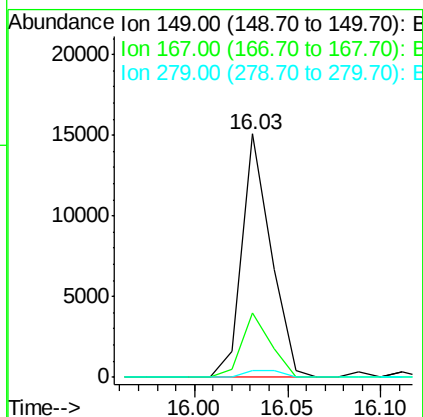
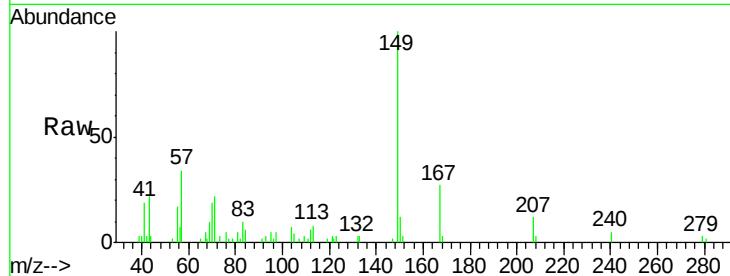




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.26 ng
 RT: 16.03 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF077948.D
 Acq: 25 Mar 2015 10:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-14

Tgt Ion:149 Resp: 16346
 Ion Ratio Lower Upper
 149 100
 167 26.6 22.4 33.6
 279 2.9 3.4 5.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.70 min Scan# 1471
 Delta R.T. -0.05 min
 Lab File: BF077948.D
 Acq: 25 Mar 2015 10:45

Tgt Ion:264 Resp: 191694
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 27.8
 265 21.2 17.3 25.9

