

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032015\
 Data File : BF077887.D
 Acq On : 21 Mar 2015 3:34
 Operator : TP/IZ
 Sample : G1575-06
 Misc : W
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-11V

Quant Time: Mar 21 03:36:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 21 04:23:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	41361	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	164039	20.00	ng	0.00
38) Acenaphthene-d10	10.87	164	83837	20.00	ng	-0.01
63) Phenanthrene-d10	12.71	188	161395	20.00	ng	0.00
75) Chrysene-d12	15.99	240	169871	20.00	ng	0.00
86) Perylene-d12	17.65	264	163285	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	84481	35.65	ng	0.00
7) Phenol-d6	6.70	99	67060	22.91	ng	0.00
23) Nitrobenzene-d5	7.82	82	179146	71.59	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	55348	69.00	ng	0.00
44) 2-Fluorobiphenyl	10.05	172	389355	68.25	ng	0.00
78) Terphenyl-d14	14.71	244	474102	68.17	ng	0.00

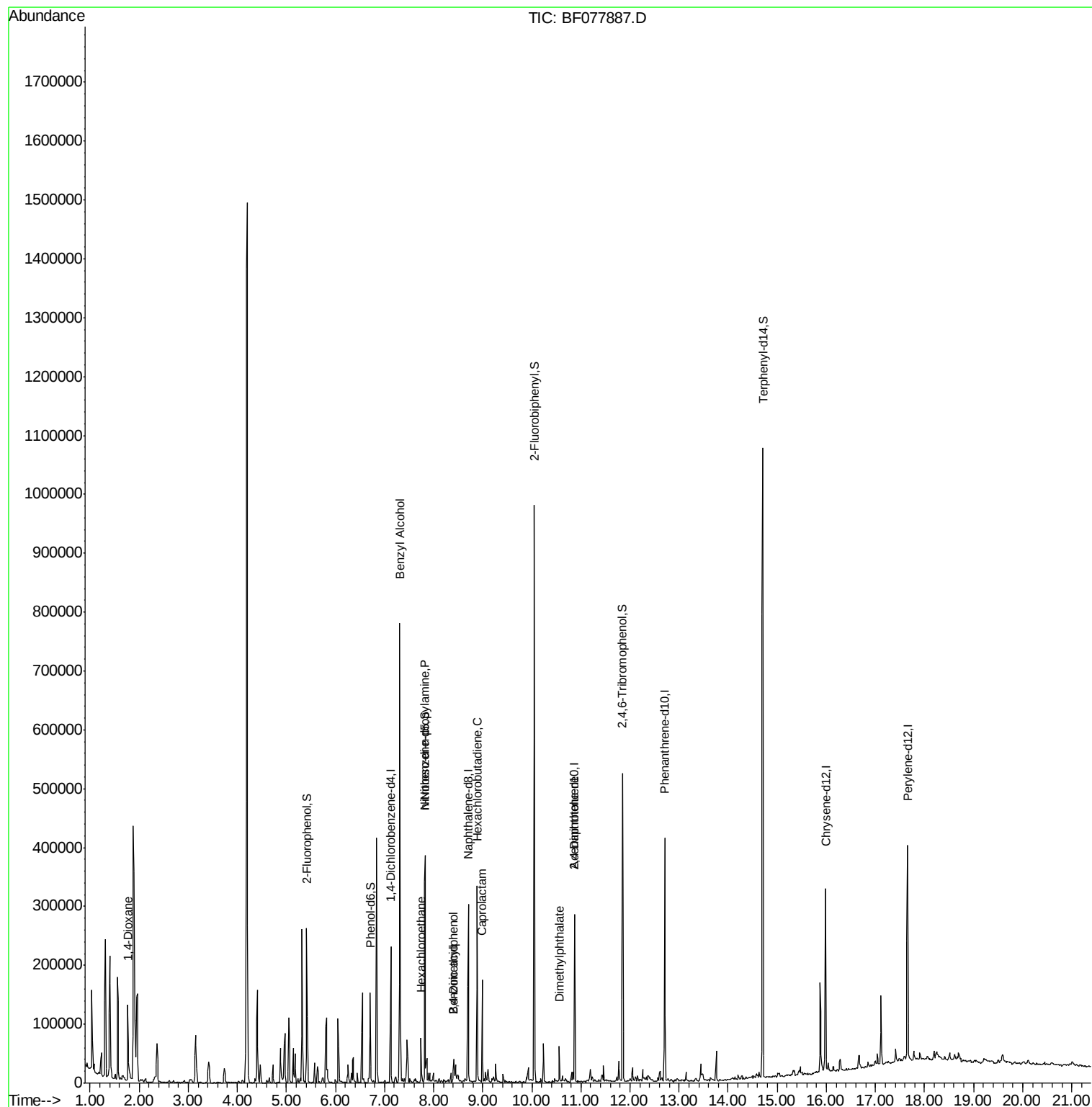
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.77	88	4701	4.37	ng	# 100
15) Benzyl Alcohol	7.31	79	6992	3.06	ng	# 55
18) Hexachloroethane	7.74	117	8712	8.15	ng	97
19) n-Nitroso-di-n-propylamine	7.82	70	22873	11.29	ng	# 75
27) 2,4-Dimethylphenol	8.41	122	15610	6.49	ng	# 6
32) Benzoic acid	8.41	122	15610	13.98	ng	96
34) Hexachlorobutadiene	8.89	225	45849	31.54	ng	97
35) Caprolactam	8.99	113	1455	2.17	ng	# 1
49) Dimethylphthalate	10.56	163	24156	3.88	ng	98
56) 2,4-Dinitrotoluene	10.87	165	10317	6.14	ng	# 11

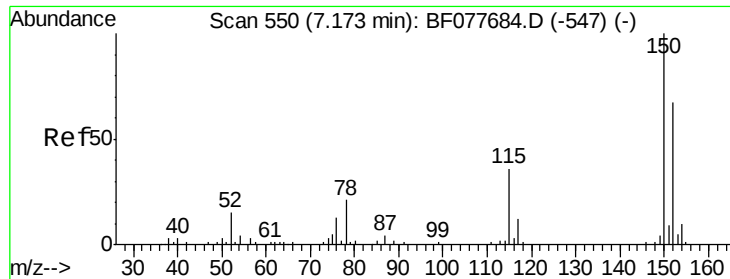
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF077887.D

Acq: 21 Mar 2015 3:34

Instrument :

BNA_F

ClientSampleId :

RW-11V

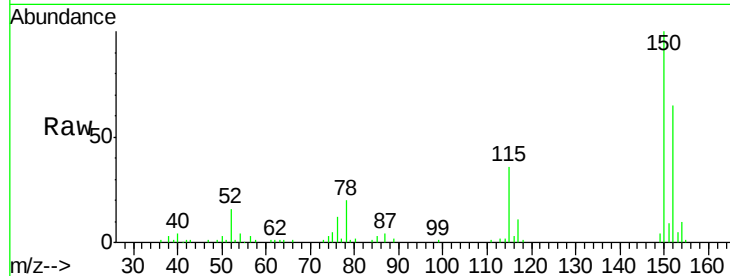
Tgt Ion:152 Resp: 41361

Ion Ratio Lower Upper

152 100

150 153.9 119.5 179.3

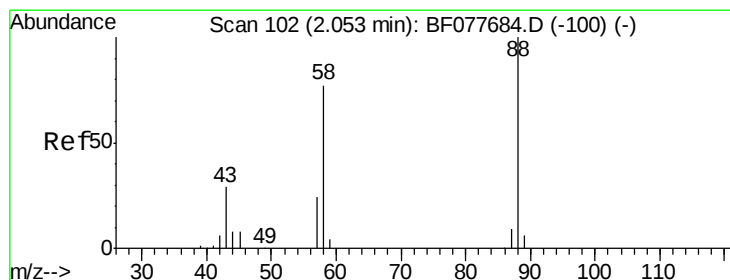
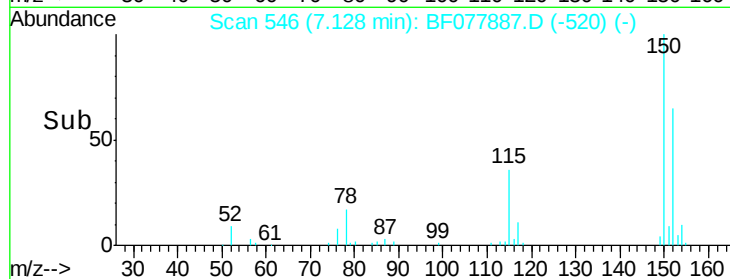
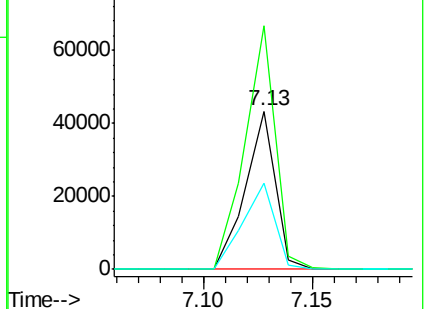
115 54.7 43.0 64.4



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: 4.37 ng

RT: 1.77 min Scan# 77

Delta R.T. -0.23 min

Lab File: BF077887.D

Acq: 21 Mar 2015 3:34

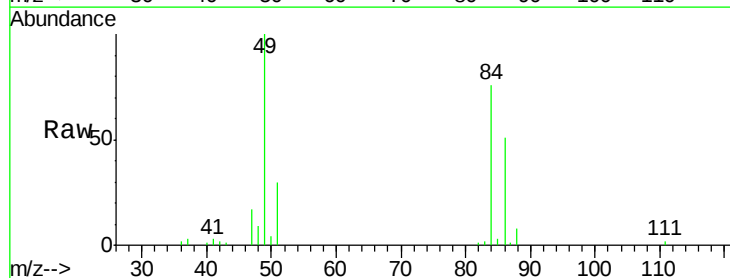
Tgt Ion: 88 Resp: 4701

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

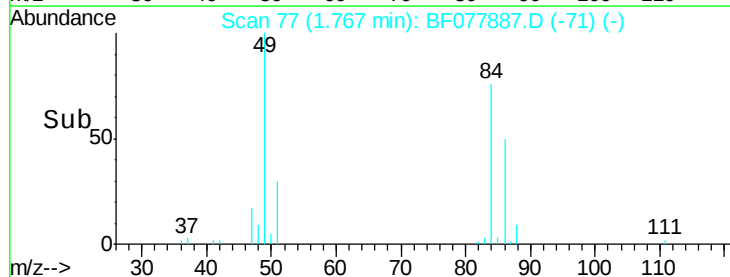
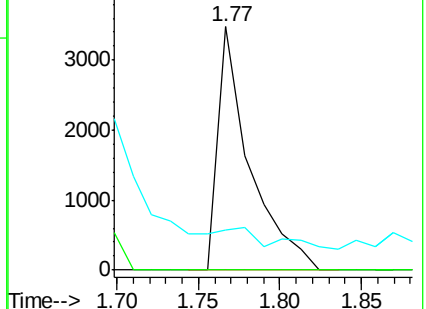
43 0.0 0.0 0.0

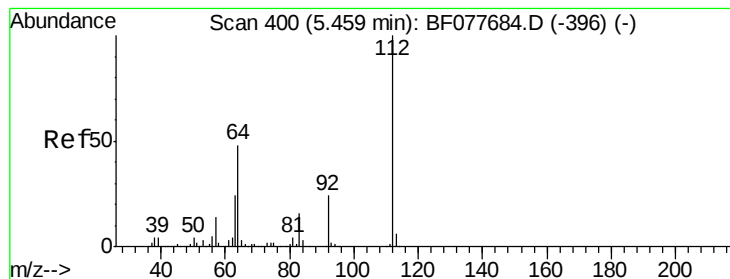


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 35.65 ng

RT: 5.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF077887.D

Acq: 21 Mar 2015 3:34

Instrument :

BNA_F

ClientSampleId :

RW-11V

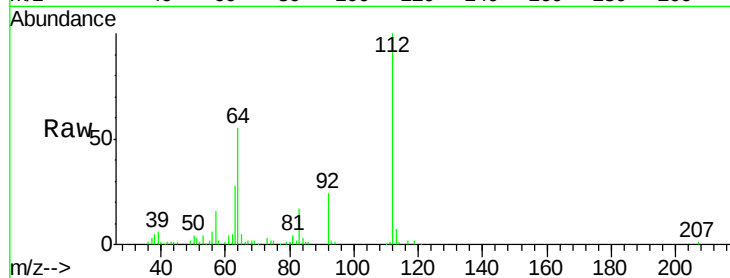
Tgt Ion: 112 Resp: 84481

Ion Ratio Lower Upper

112 100

64 55.4 38.6 57.8

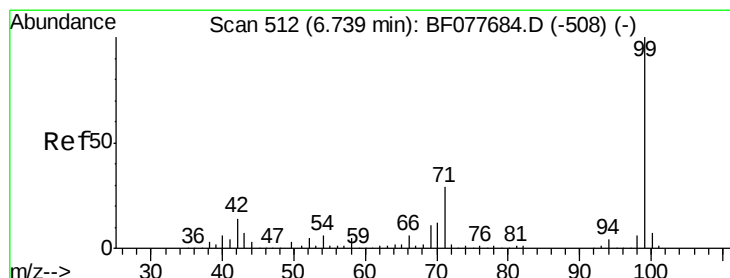
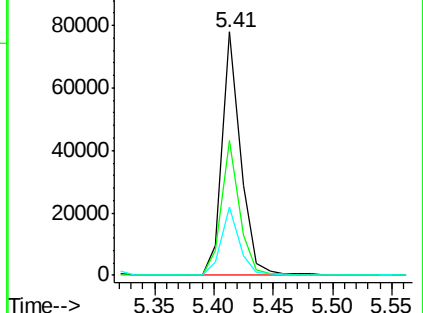
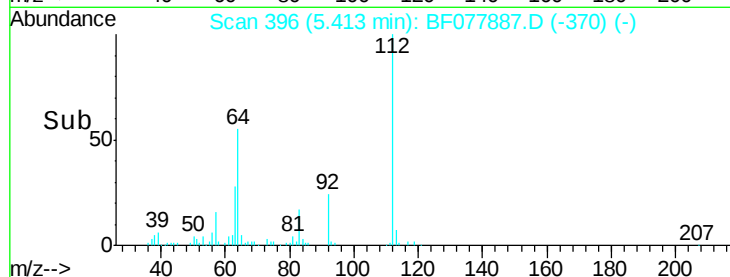
63 28.0 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 22.91 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077887.D

Acq: 21 Mar 2015 3:34

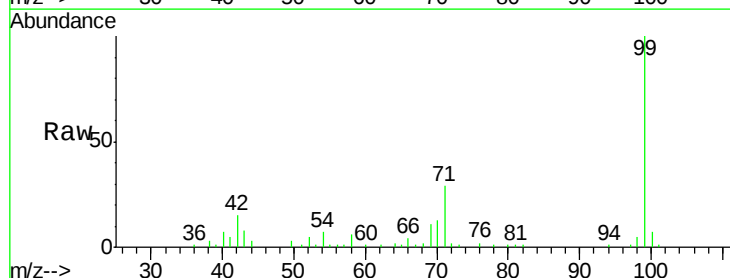
Tgt Ion: 99 Resp: 67060

Ion Ratio Lower Upper

99 100

42 15.1 11.0 16.4

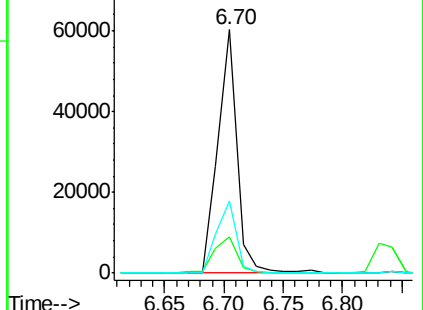
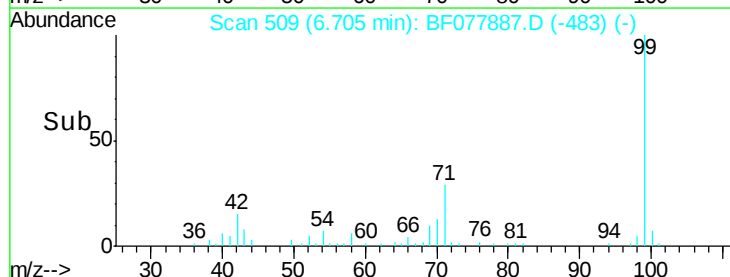
71 29.5 23.4 35.2

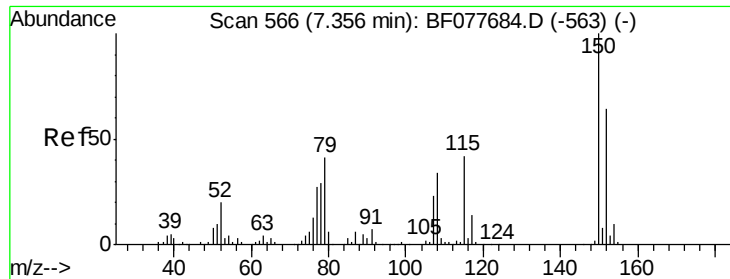


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 3.06 ng

RT: 7.31 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF077887.D

Acq: 21 Mar 2015 3:34

Instrument :

BNA_F

ClientSampleId :

RW-11V

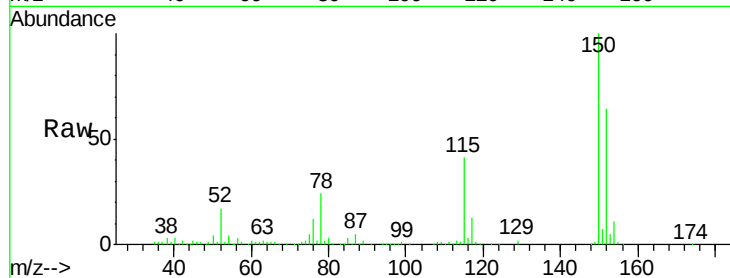
Tgt Ion: 79 Resp: 6992

Ion Ratio Lower Upper

79 100

108 34.6 65.0 97.4#

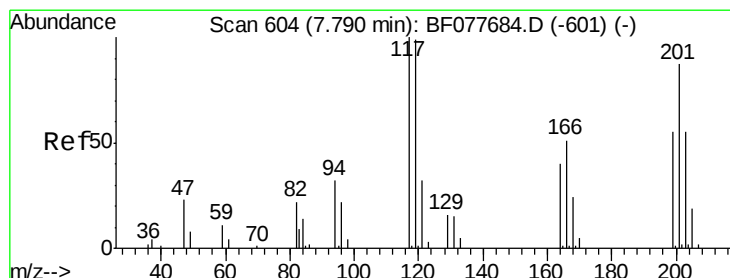
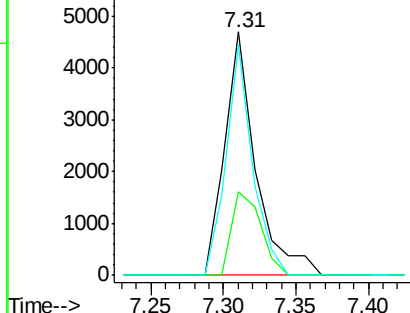
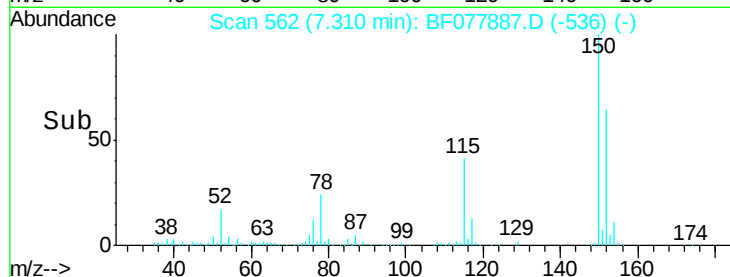
77 94.7 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 8.15 ng

RT: 7.74 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF077887.D

Acq: 21 Mar 2015 3:34

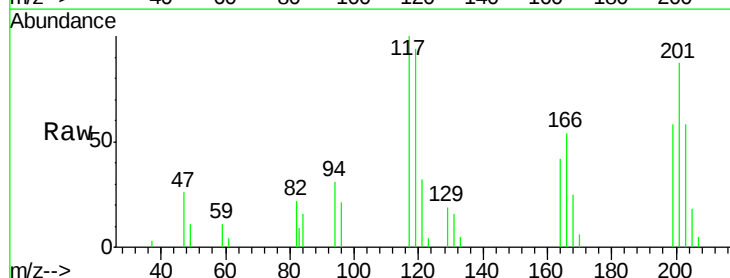
Tgt Ion: 117 Resp: 8712

Ion Ratio Lower Upper

117 100

119 94.2 79.2 118.8

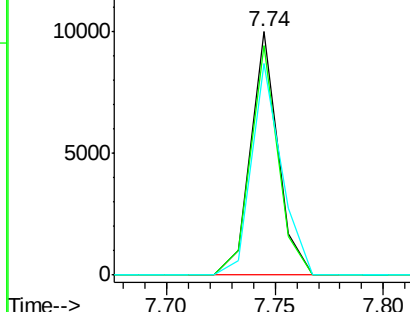
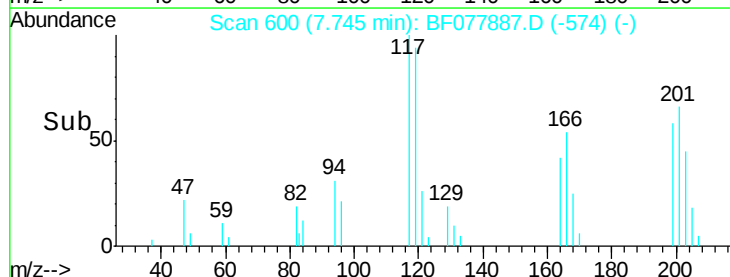
201 86.9 69.8 104.6

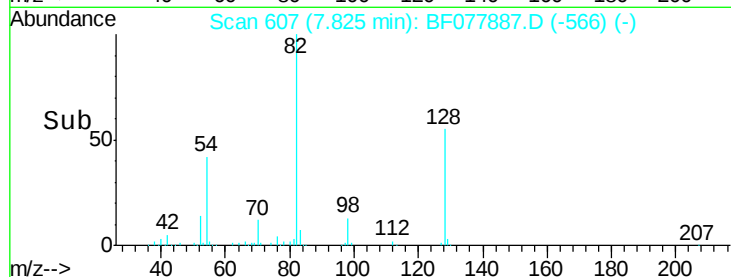
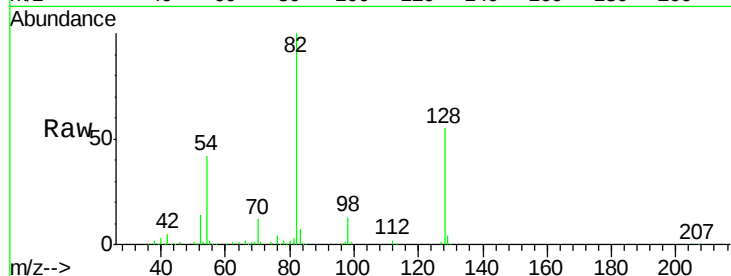
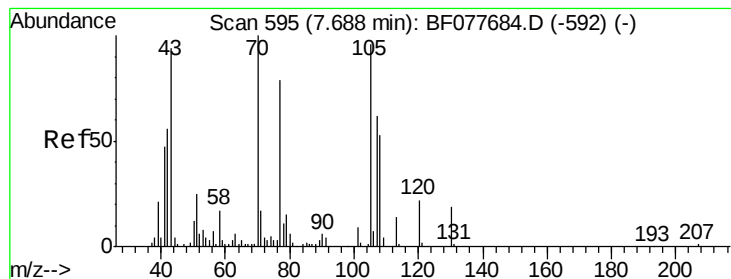


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 11.29 ng

RT: 7.82 min Scan# 607

Delta R.T. 0.17 min

Lab File: BF077887.D

Acq: 21 Mar 2015 3:34

Instrument :

BNA_F

ClientSampleId :

RW-11V

Tgt Ion: 70 Resp: 22873

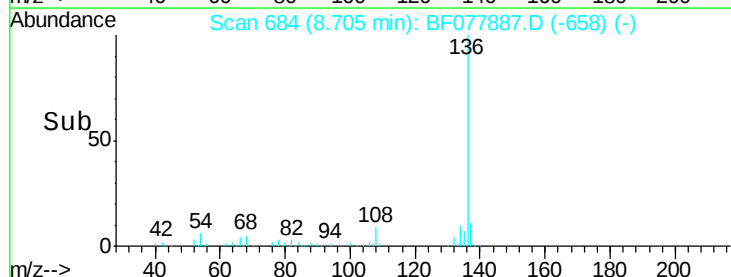
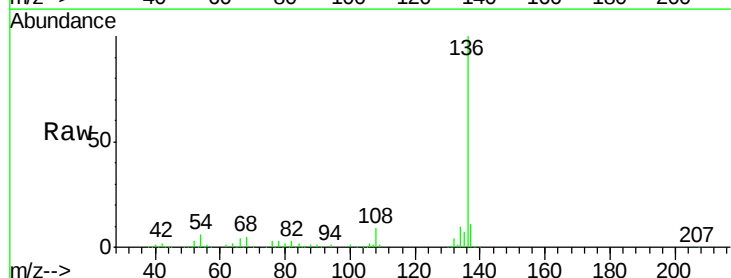
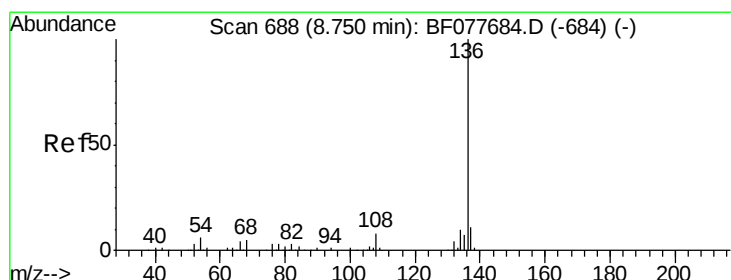
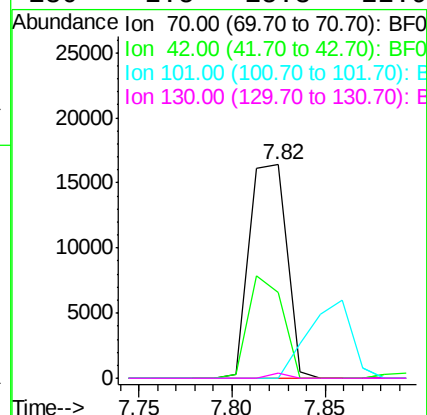
Ion Ratio Lower Upper

70 100

42 40.0 44.5 66.7#

101 0.0 7.4 11.2#

130 2.5 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: BF077887.D

Acq: 21 Mar 2015 3:34

Tgt Ion: 136 Resp: 164039

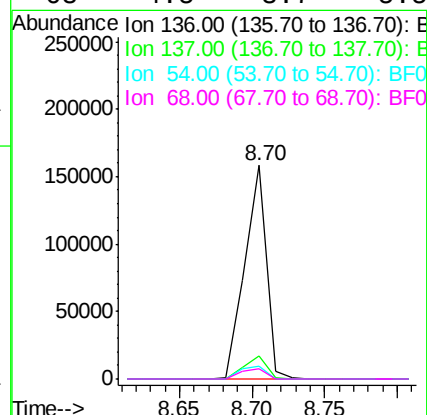
Ion Ratio Lower Upper

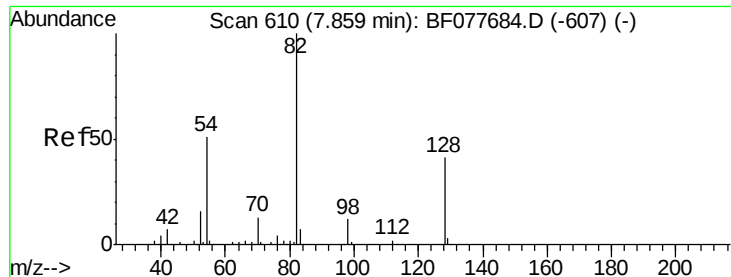
136 100

137 10.7 8.7 13.1

54 5.9 4.6 6.8

68 4.5 3.7 5.5

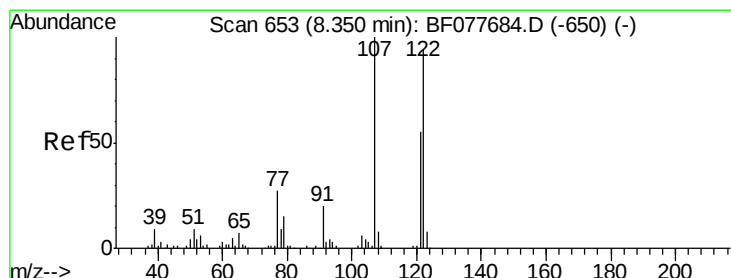
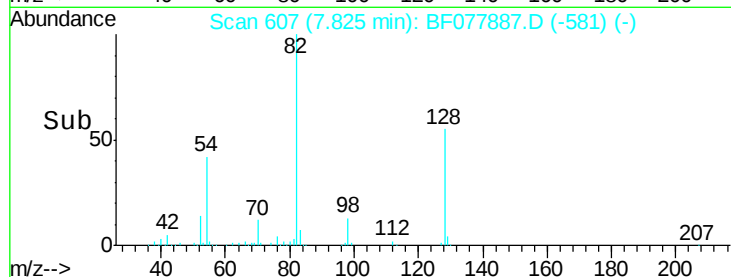
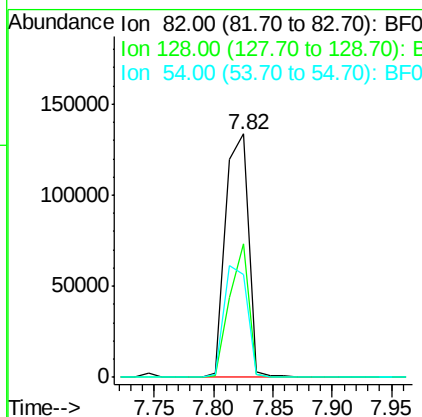
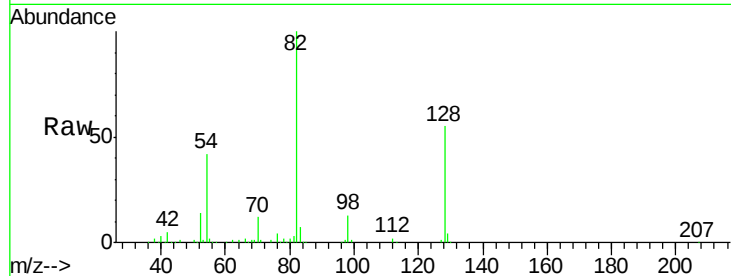




#23
 Nitrobenzene-d5
 Concen: 71.59 ng
 RT: 7.82 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF077887.D
 Acq: 21 Mar 2015 3:34

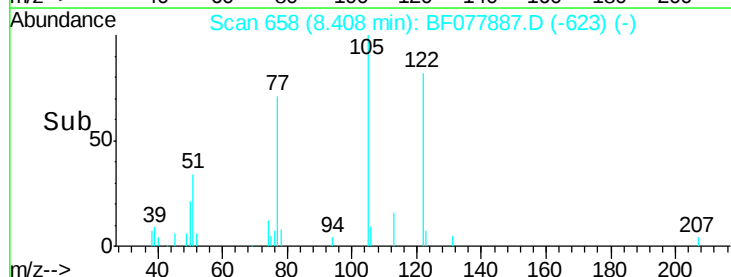
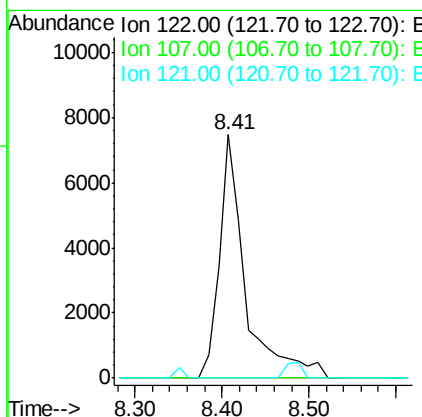
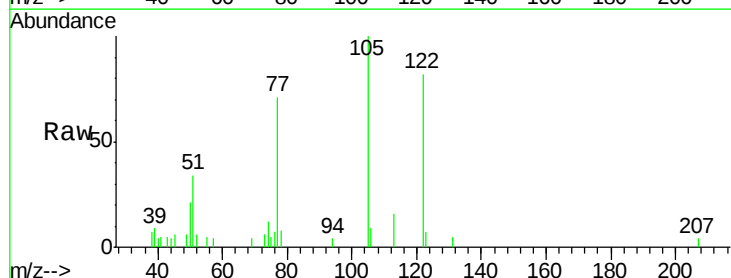
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 RW-11V

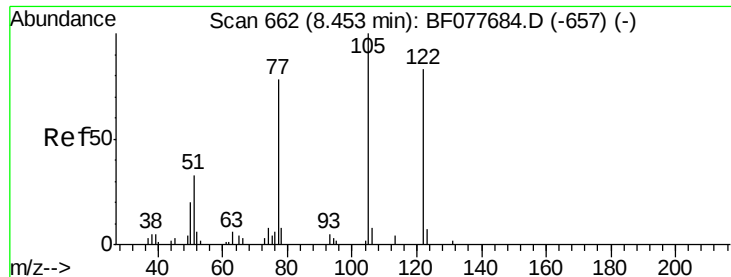
Tgt Ion: 82 Resp: 179146
 Ion Ratio Lower Upper
 82 100
 128 54.7 32.8 49.2#
 54 42.0 40.6 60.8



#27
 2,4-Dimethylphenol
 Concen: 6.49 ng
 RT: 8.41 min Scan# 658
 Delta R.T. 0.10 min
 Lab File: BF077887.D
 Acq: 21 Mar 2015 3:34

Tgt Ion: 122 Resp: 15610
 Ion Ratio Lower Upper
 122 100
 107 0.0 84.7 127.1#
 121 0.0 46.6 69.8#

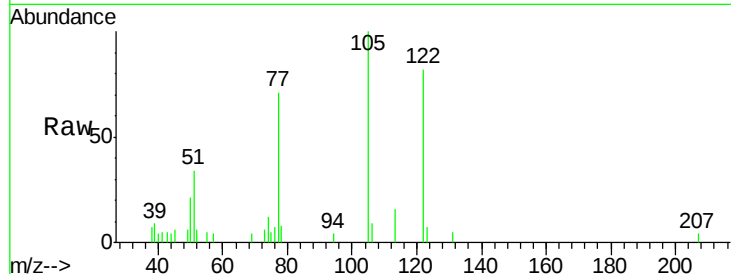




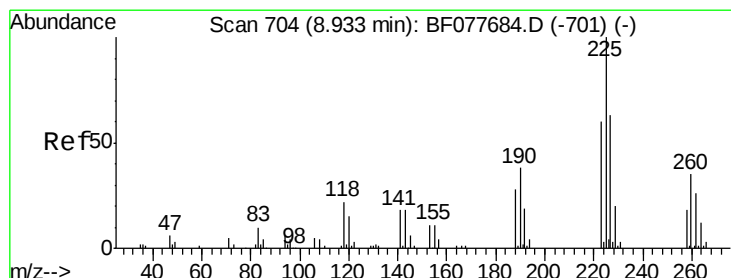
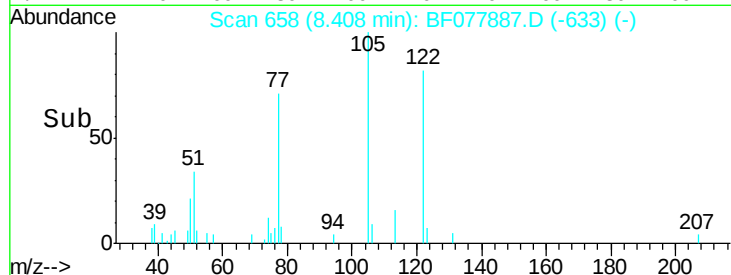
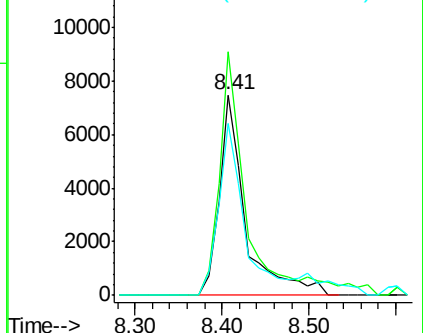
#32
Benzoic acid
Concen: 13.98 ng
RT: 8.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF077887.D
Acq: 21 Mar 2015 3:34

Instrument :
BNA_F
ClientSampleId :
RW-11V

Tgt Ion:122 Resp: 15610
Ion Ratio Lower Upper
122 100
105 121.6 99.9 139.9
77 86.2 73.7 113.7

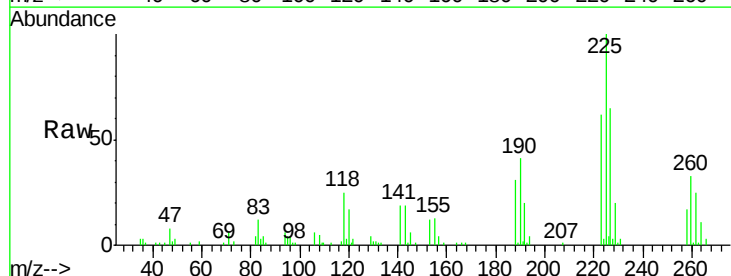


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

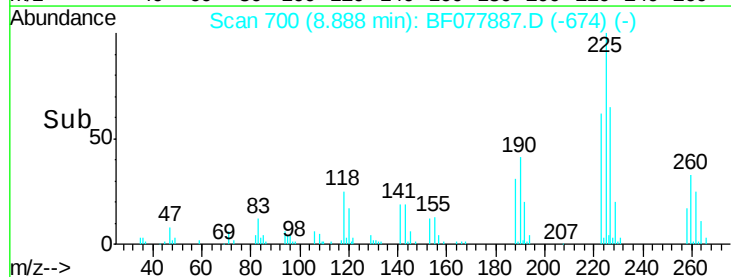
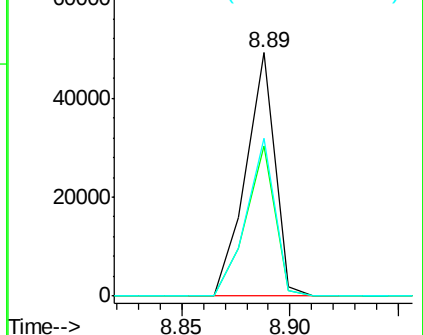


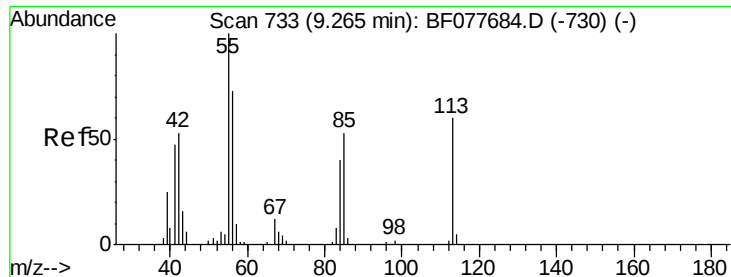
#34
Hexachlorobutadiene
Concen: 31.54 ng
RT: 8.89 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF077887.D
Acq: 21 Mar 2015 3:34

Tgt Ion:225 Resp: 45849
Ion Ratio Lower Upper
225 100
223 61.9 47.9 71.9
227 65.1 50.1 75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

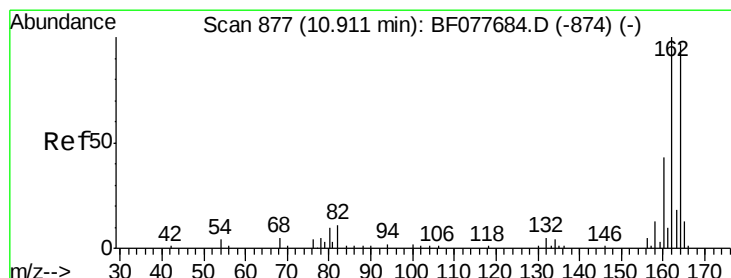
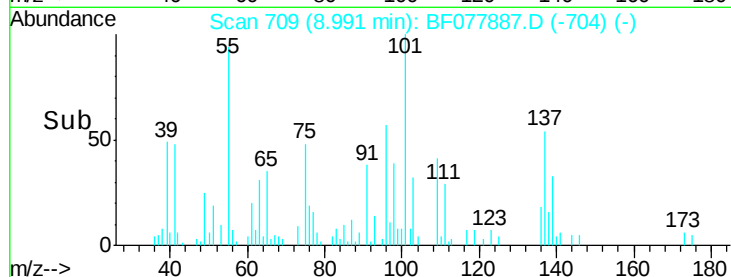
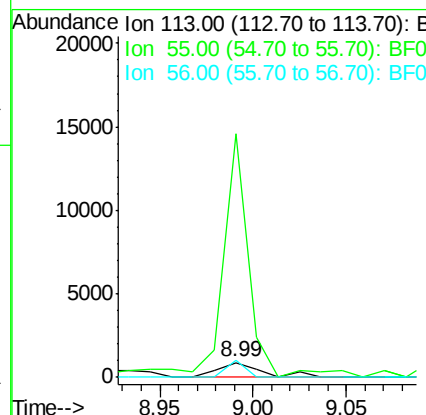
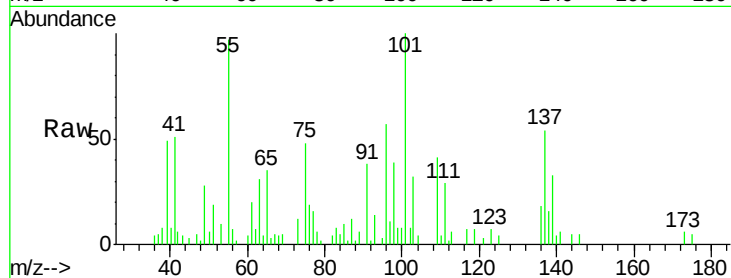




#35
 Caprolactam
 Concen: 2.17 ng
 RT: 8.99 min Scan# 709
 Delta R.T. -0.24 min
 Lab File: BF077887.D
 Acq: 21 Mar 2015 3:34

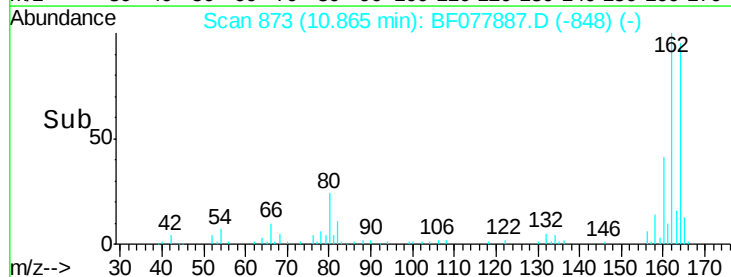
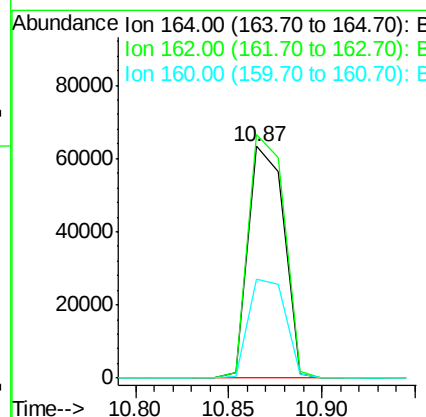
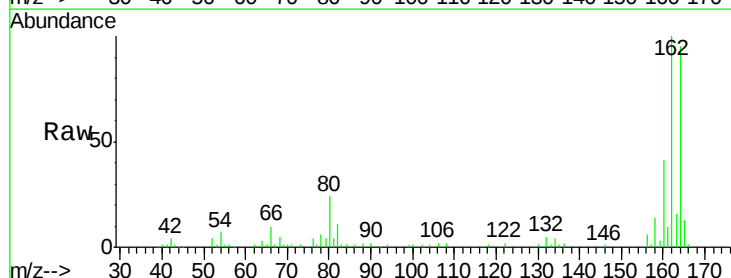
Instrument :
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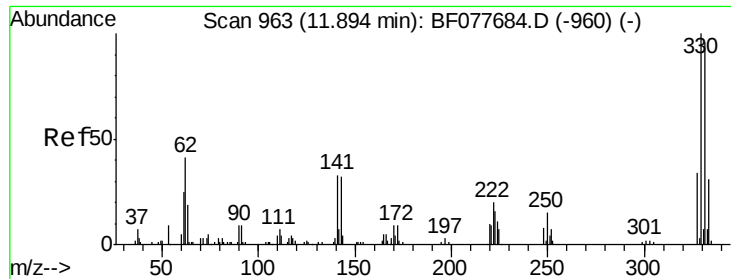
Tgt Ion:113 Resp: 1455
 Ion Ratio Lower Upper
 113 100
 55 1618.0 145.9 185.9#
 56 109.7 101.0 141.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF077887.D
 Acq: 21 Mar 2015 3:34

Tgt Ion:164 Resp: 83837
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.4 123.6
 160 42.7 35.8 53.6

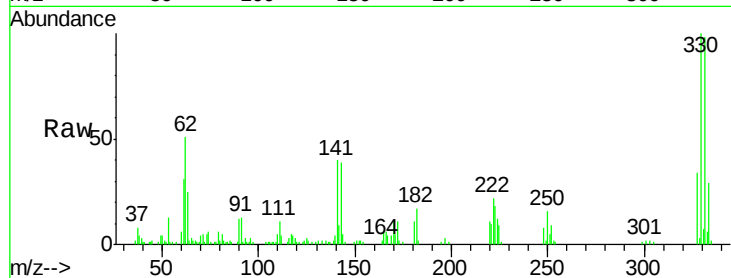




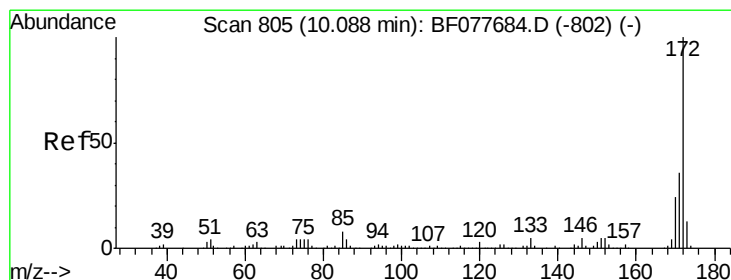
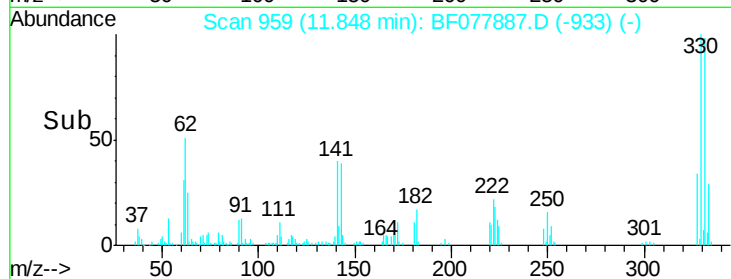
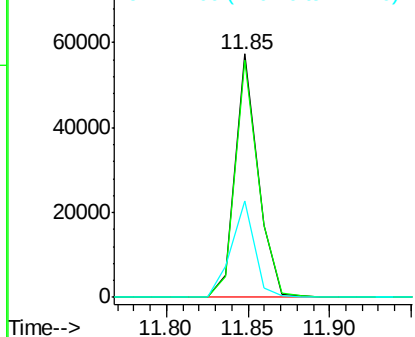
#41
 2,4,6-Tribromophenol
 Concen: 69.00 ng
 RT: 11.85 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BF077887.D
 Acq: 21 Mar 2015 3:34

Instrument :
 BNA_F
 ClientSampleId :
 RW-11V

Tgt Ion:330 Resp: 55348
 Ion Ratio Lower Upper
 330 100
 332 98.1 0.0 0.0#
 141 40.3 0.0 0.0#

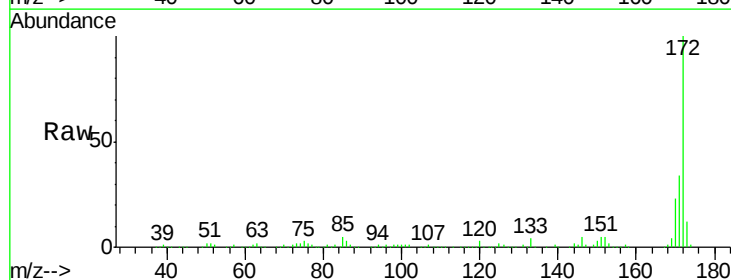


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

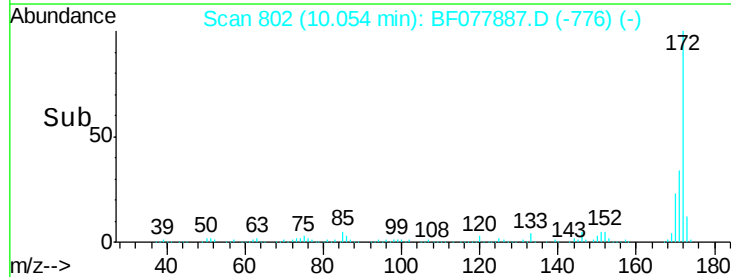
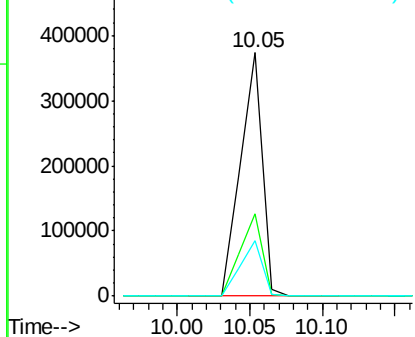


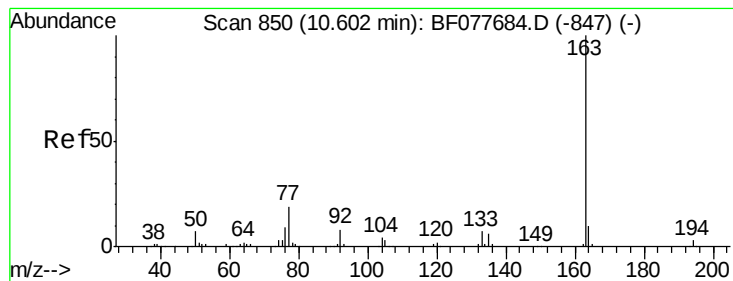
#44
 2-Fluorobiphenyl
 Concen: 68.25 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077887.D
 Acq: 21 Mar 2015 3:34

Tgt Ion:172 Resp: 389355
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.5 42.7
 170 22.9 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: 3.88 ng

RT: 10.56 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF077887.D

Acq: 21 Mar 2015 3:34

Instrument :

BNA_F

ClientSampleId :

RW-11V

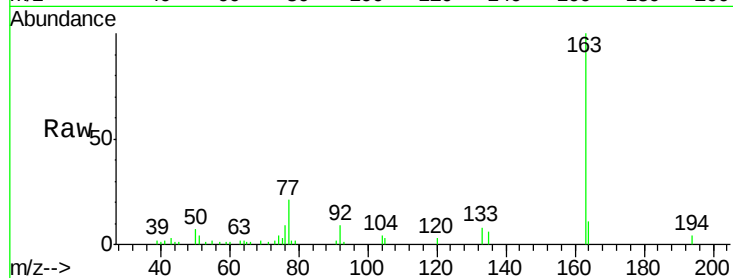
Tgt Ion:163 Resp: 24156

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

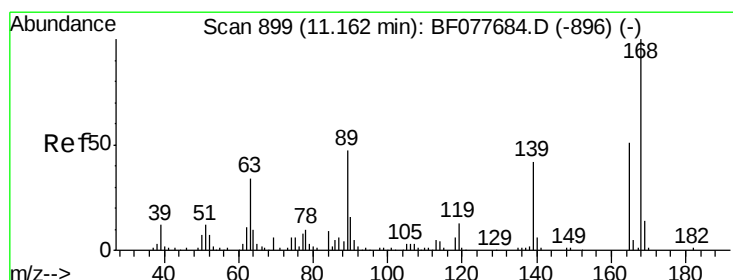
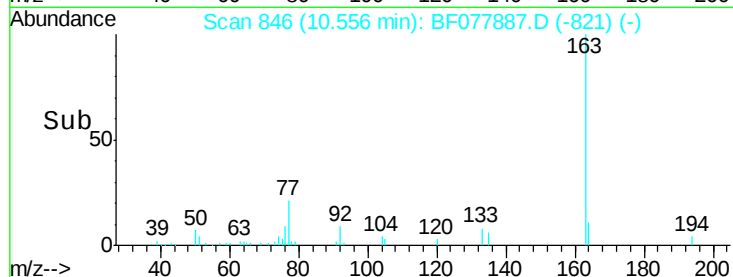
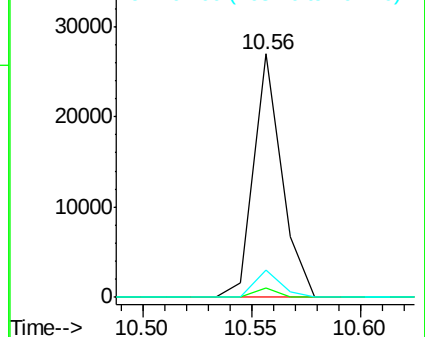
164 11.2 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.14 ng

RT: 10.87 min Scan# 873

Delta R.T. -0.26 min

Lab File: BF077887.D

Acq: 21 Mar 2015 3:34

Tgt Ion:165 Resp: 10317

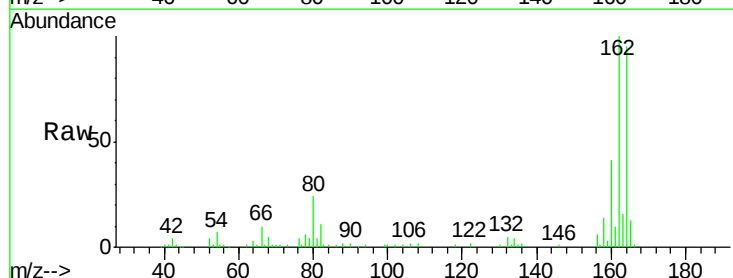
Ion Ratio Lower Upper

165 100

63 0.0 52.4 78.6#

89 0.0 72.4 108.6#

182 0.0 2.0 3.0#

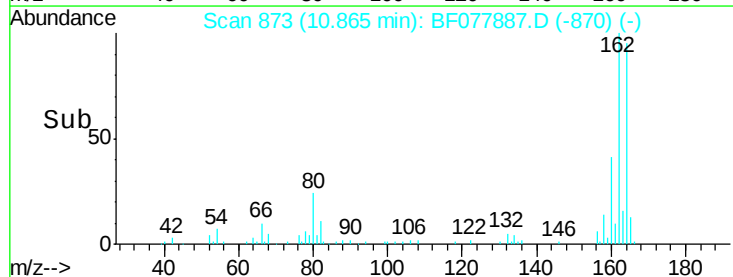
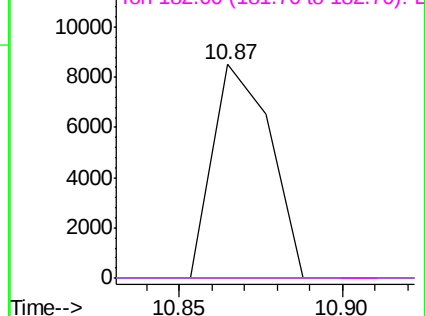


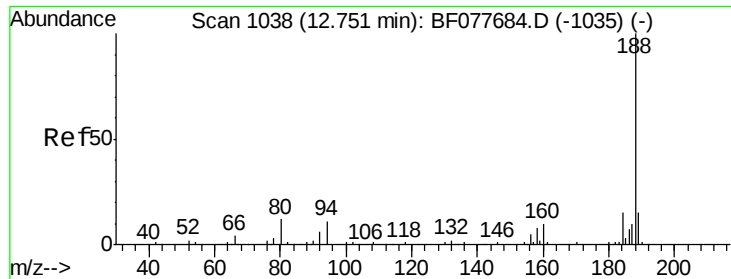
Abundance Ion 165.00 (164.70 to 165.70): E

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

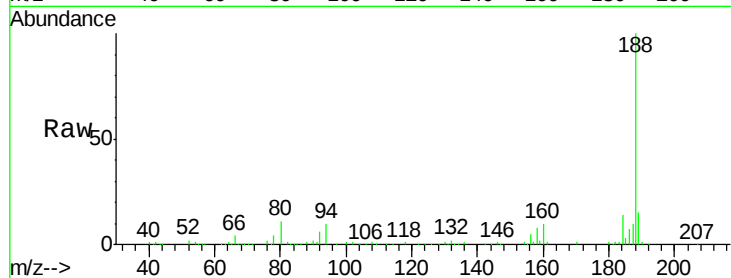




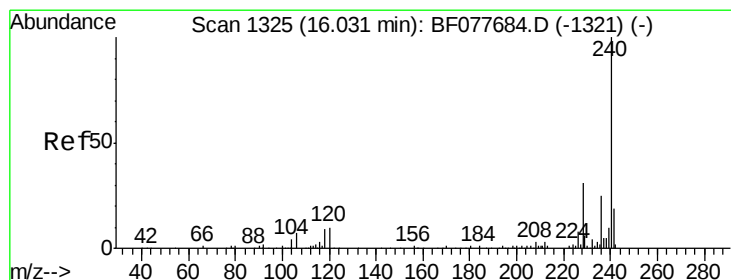
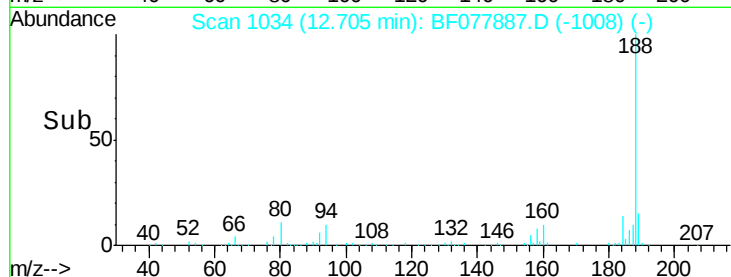
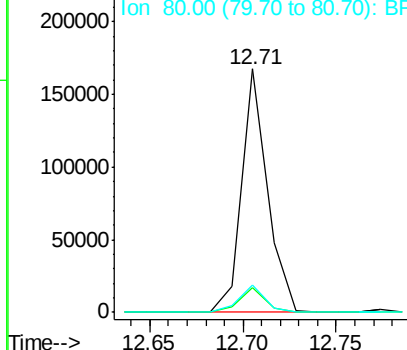
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF077887.D
Acq: 21 Mar 2015 3:34

Instrument :
BNA_F
ClientSampleId :
RW-11V

Tgt Ion:188 Resp: 161395
Ion Ratio Lower Upper
188 100
94 10.0 8.7 13.1
80 11.4 9.3 13.9

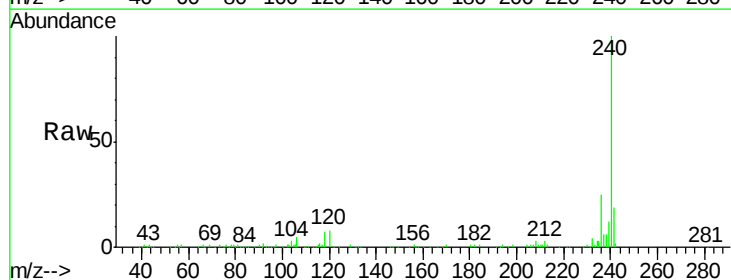


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

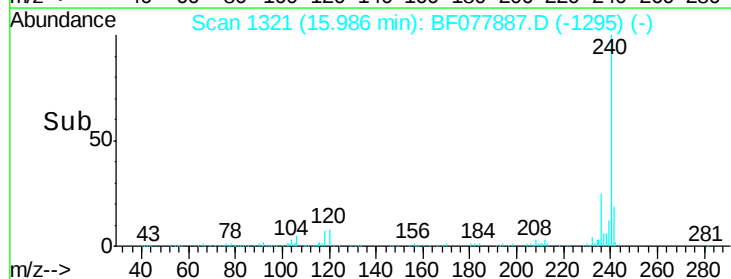
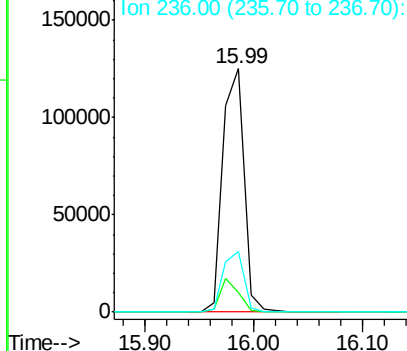


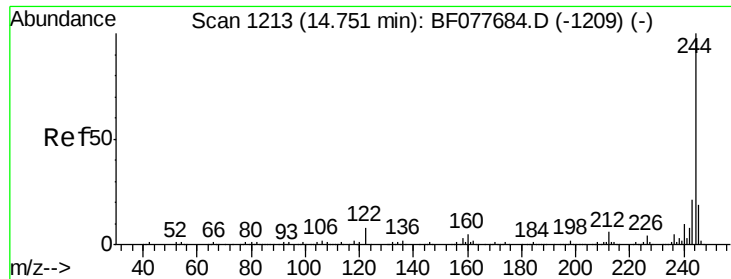
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF077887.D
Acq: 21 Mar 2015 3:34

Tgt Ion:240 Resp: 169871
Ion Ratio Lower Upper
240 100
120 8.0 8.2 12.2#
236 24.8 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

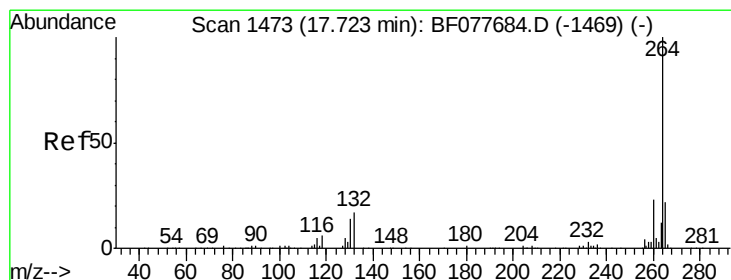
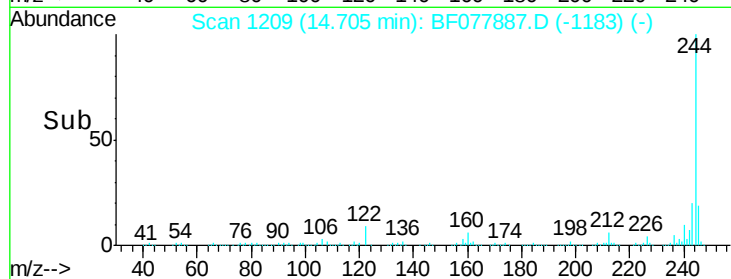
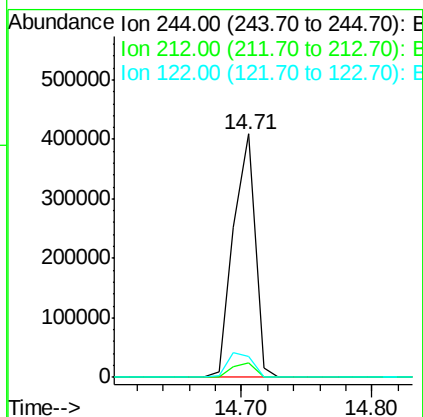
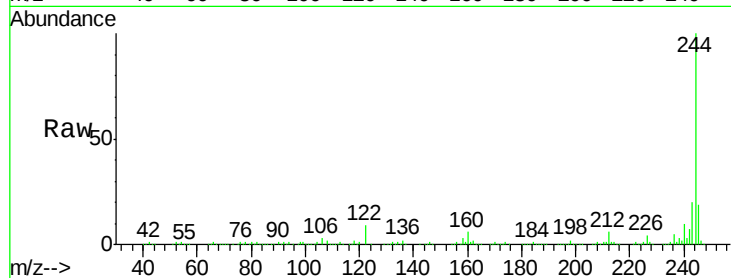




#78
 Terphenyl-d14
 Concen: 68.17 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF077887.D
 Acq: 21 Mar 2015 3:34

Instrument :
 BNA_F
 ClientSampleId :
 RW-11V

Tgt Ion: 244 Resp: 474102
 Ion Ratio Lower Upper
 244 100
 212 6.1 4.9 7.3
 122 8.6 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.65 min Scan# 1467
 Delta R.T. -0.05 min
 Lab File: BF077887.D
 Acq: 21 Mar 2015 3:34

Tgt Ion: 264 Resp: 163285
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.2 17.3 25.9

