

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084452.D
 Acq On : 13 Jan 2016 20:13
 Operator : SJ/UM
 Sample : H1115-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WHRB3B

Quant Time: Jan 14 11:12:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	242572	20.00	ng	-0.07
21) Naphthalene-d8	8.12	136	1038788	20.00	ng	-0.07
38) Acenaphthene-d10	9.87	164	498524	20.00	ng	-0.08
63) Phenanthrene-d10	11.36	188	950365	20.00	ng	-0.07
75) Chrysene-d12	13.99	240	778521	20.00	ng	-0.08
86) Perylene-d12	15.41	264	565118	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	1967477	131.19	ng	-0.04
7) Phenol-d6	6.48	99	2342023	124.34	ng	-0.06
23) Nitrobenzene-d5	7.40	82	1778000	95.26	ng	-0.07
41) 2,4,6-Tribromophenol	10.66	330	619619	123.11	ng	-0.08
44) 2-Fluorobiphenyl	9.20	172	2282362	80.18	ng	-0.07
78) Terphenyl-d14	12.94	244	2257376	64.72	ng	-0.07

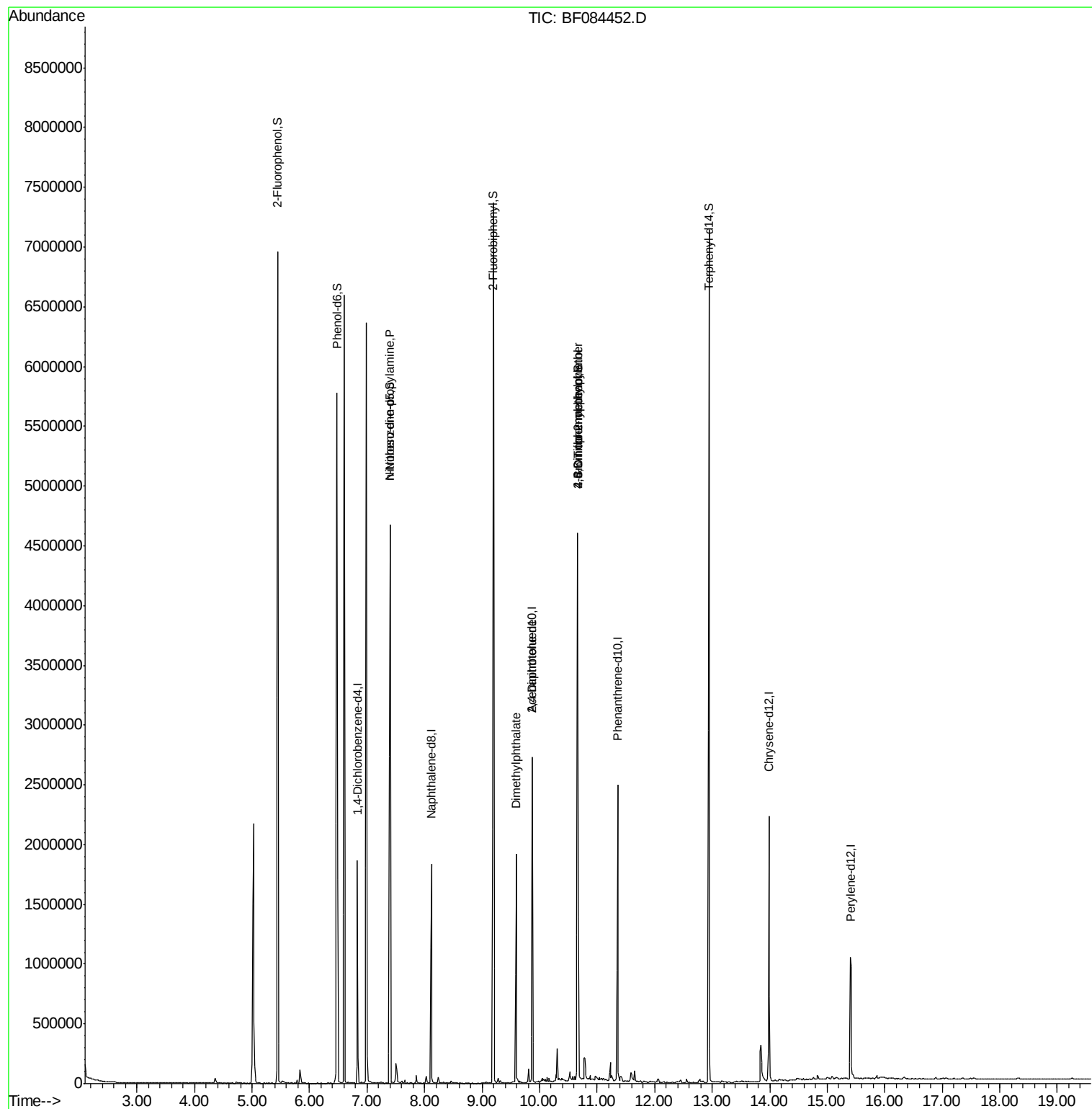
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	244112	19.15	ng	# 76
49) Dimethylphthalate	9.60	163	897306	25.18	ng	# 91
54) Dibenzofuran	10.08	168	1992	Below Cal		# 75
56) 2,4-Dinitrotoluene	9.87	165	64979	6.57	ng	# 21
57) Fluorene	10.42	166	1911	Below Cal		# 98
64) 4,6-Dinitro-2-methylphenol	10.66	198	1291	6.59	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	36915	3.61	ng	# 1
73) Di-n-butylphthalate	11.92	149	6053	Below Cal		# 86

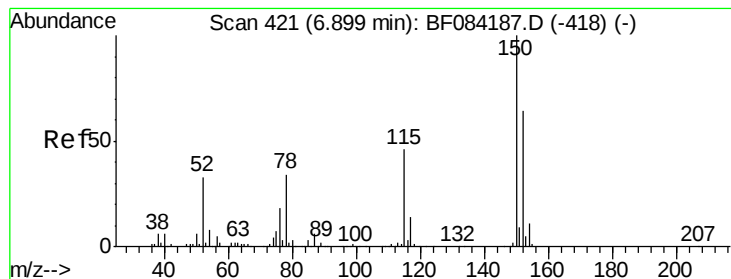
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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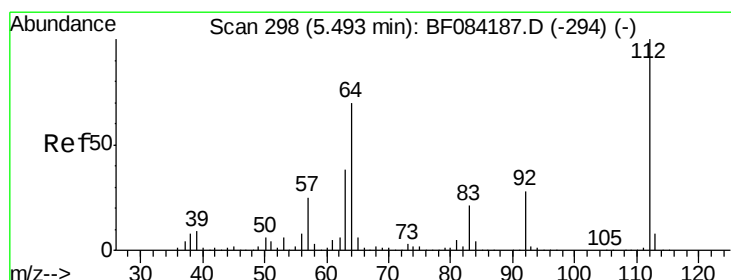
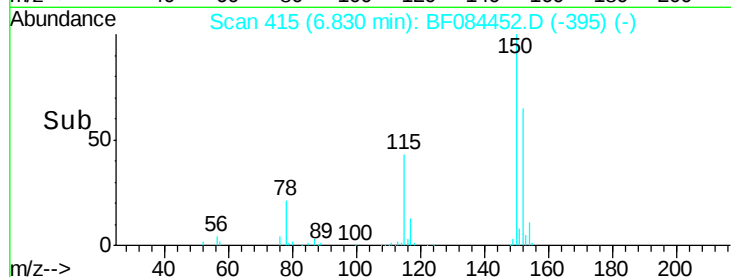
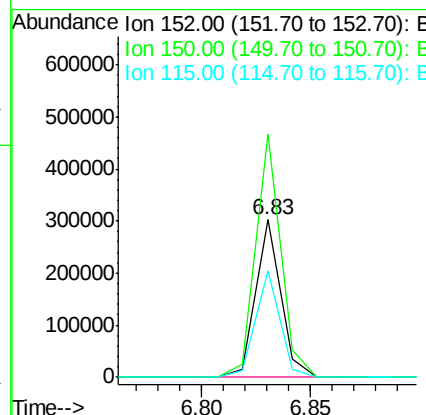
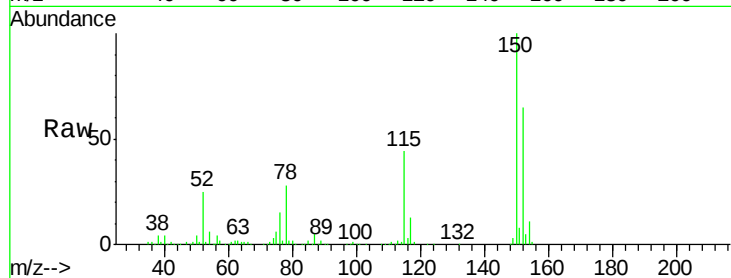




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.07 min
 Lab File: BF084452.D
 Acq: 13 Jan 2016 20:13

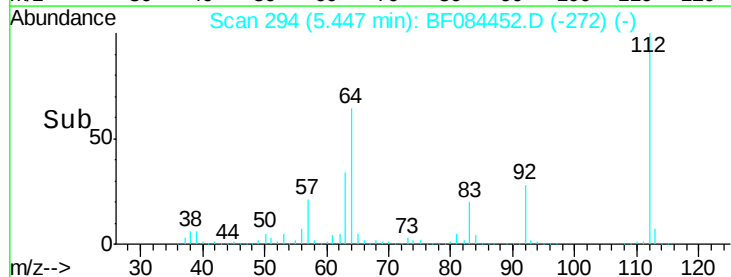
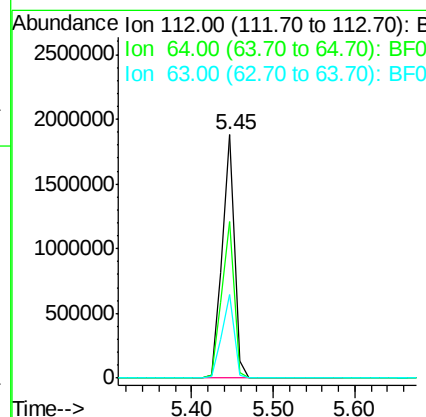
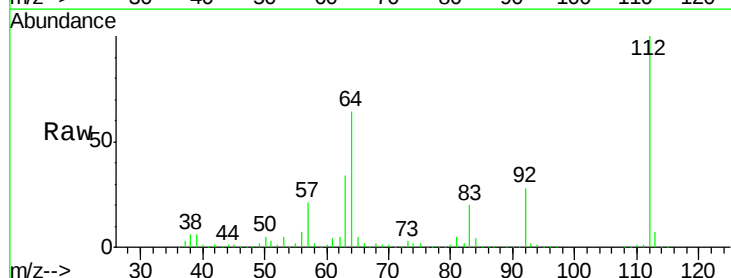
Instrument :
 BNA_F
 ClientSampleId :
 WHRB3B

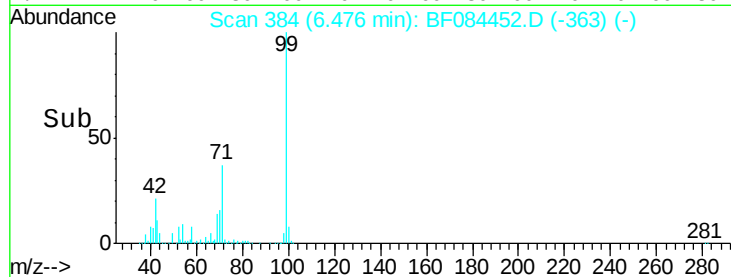
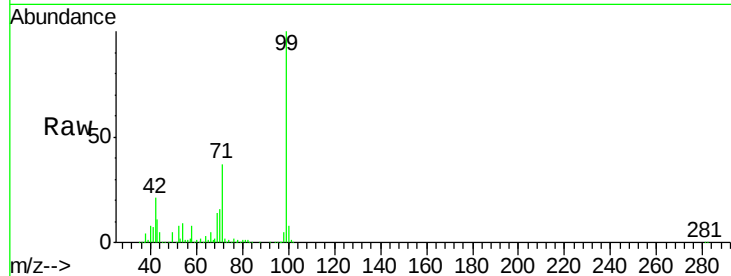
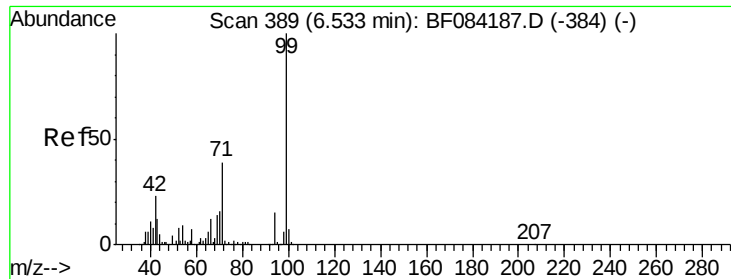
Tot Ion:152 Resp: 242572
 Ion Ratio Lower Upper
 152 100
 150 154.5 123.0 184.4
 115 67.8 51.4 77.2



#5
 2-Fluorophenol
 Concen: 131.19 ng
 RT: 5.45 min Scan# 294
 Delta R.T. -0.04 min
 Lab File: BF084452.D
 Acq: 13 Jan 2016 20:13

Tgt Ion:112 Resp: 1967477
 Ion Ratio Lower Upper
 112 100
 64 64.3 36.6 55.0#
 63 34.2 19.4 29.0#





#7

Phenol-d6

Concen: 124.34 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.06 min

Lab File: BF084452.D

Acq: 13 Jan 2016 20:13

Instrument :

BNA_F

ClientSampleId :

WHRB3B

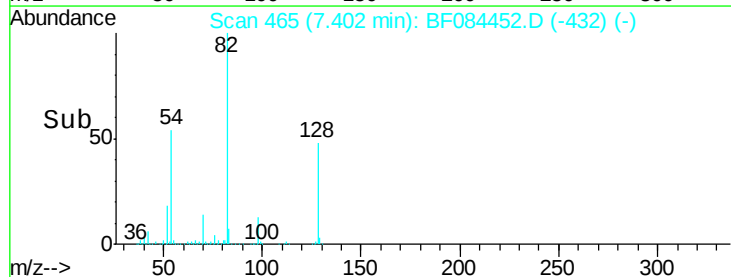
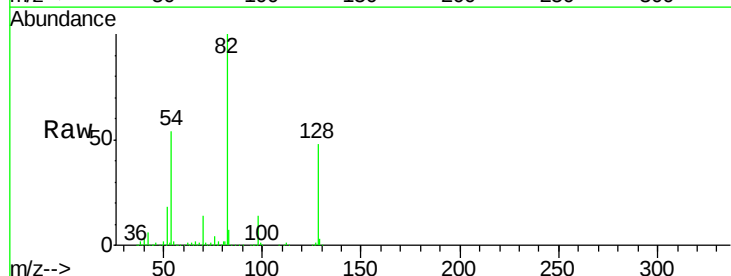
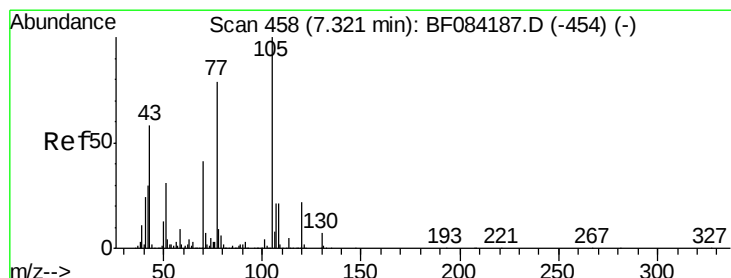
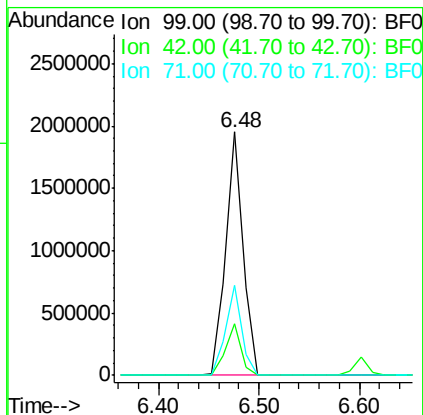
Tot Ion: 99 Resp: 2342023

Ion Ratio Lower Upper

99 100

42 21.0 12.8 19.2#

71 37.1 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 19.15 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.08 min

Lab File: BF084452.D

Acq: 13 Jan 2016 20:13

Tgt Ion: 70 Resp: 244112

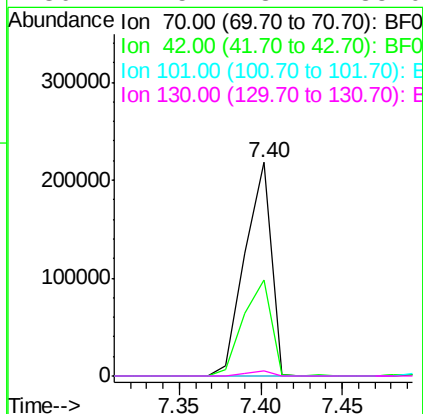
Ion Ratio Lower Upper

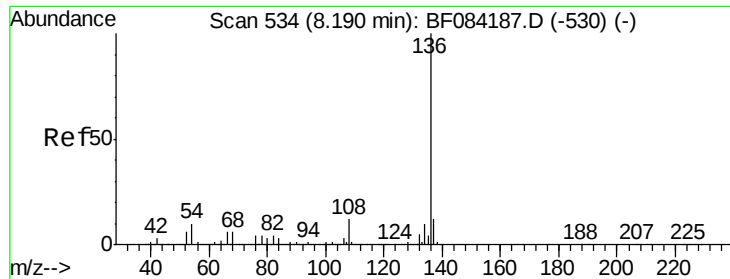
70 100

42 44.7 33.3 49.9

101 0.0 9.3 13.9#

130 2.5 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.07 min

Lab File: BF084452.D

Acq: 13 Jan 2016 20:13

Instrument :

BNA_F

ClientSampled :

WHRB3B

Tot Ion:136 Resp: 1038788

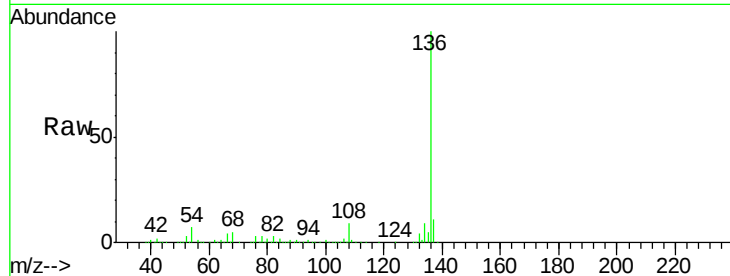
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.0 5.8 8.8

68 4.8 4.2 6.2

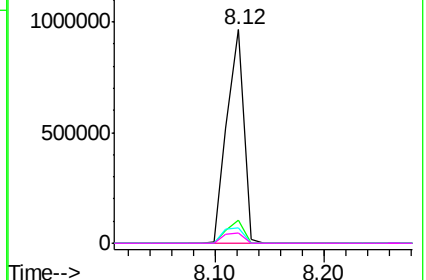
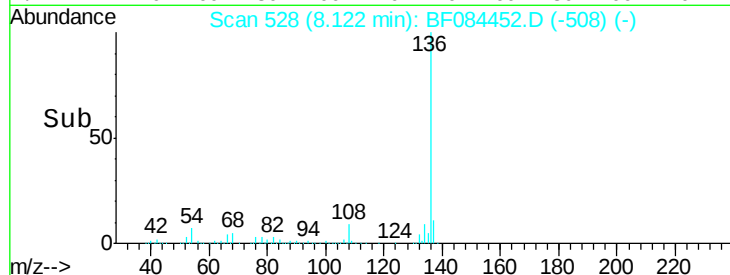


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.26 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.07 min

Lab File: BF084452.D

Acq: 13 Jan 2016 20:13

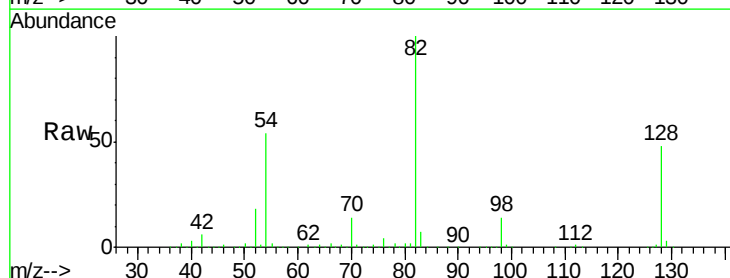
Tgt Ion: 82 Resp: 1778000

Ion Ratio Lower Upper

82 100

128 47.6 34.6 51.8

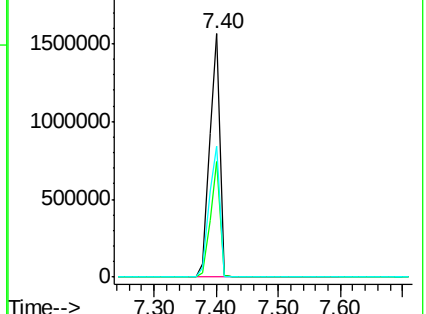
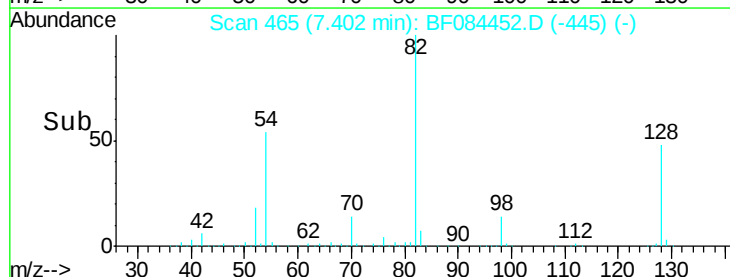
54 53.9 38.4 57.6

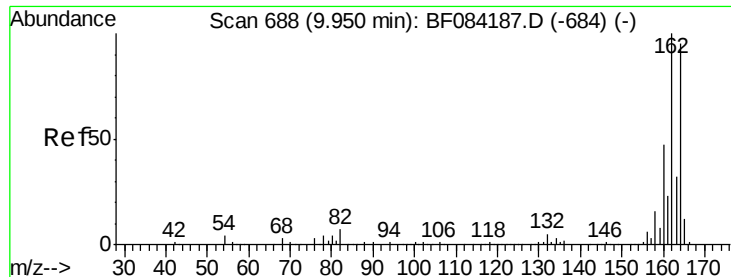


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.87 min Scan# 681

Delta R.T. -0.08 min

Lab File: BF084452.D

Acq: 13 Jan 2016 20:13

Instrument :

BNA_F

ClientSampleId :

WHRB3B

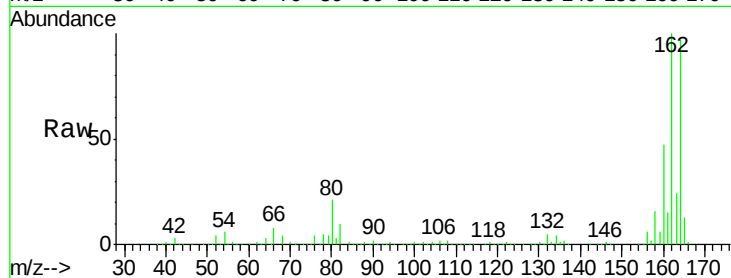
Tot Ion:164 Resp: 498524

Ion Ratio Lower Upper

164 100

162 102.8 85.1 127.7

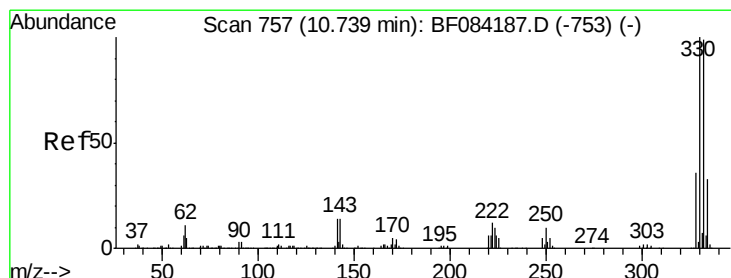
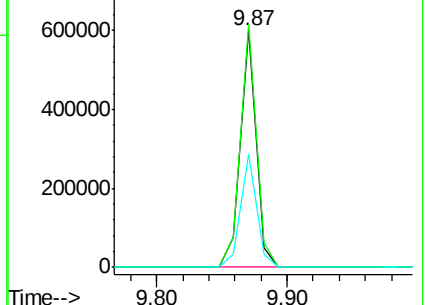
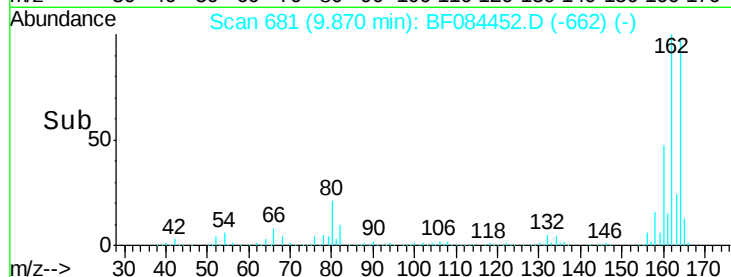
160 47.8 37.5 56.3



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: 123.11 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.08 min

Lab File: BF084452.D

Acq: 13 Jan 2016 20:13

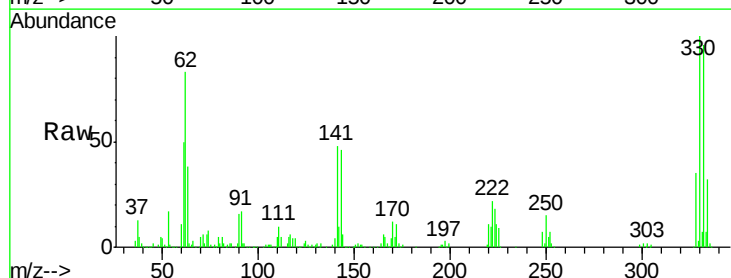
Tgt Ion:330 Resp: 619619

Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

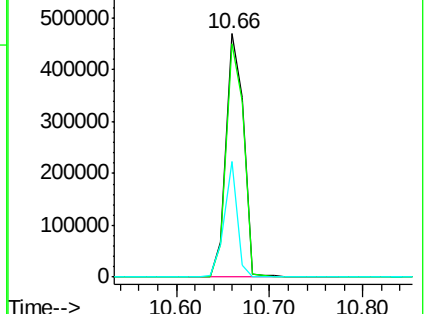
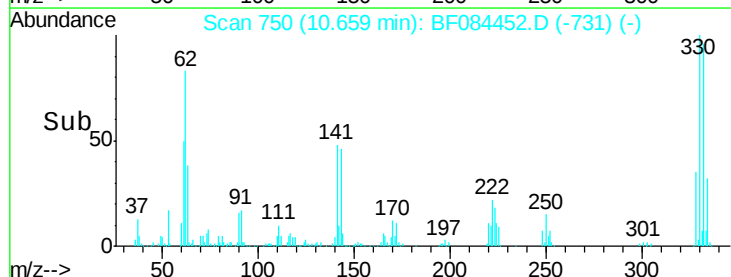
141 35.5 27.8 41.6

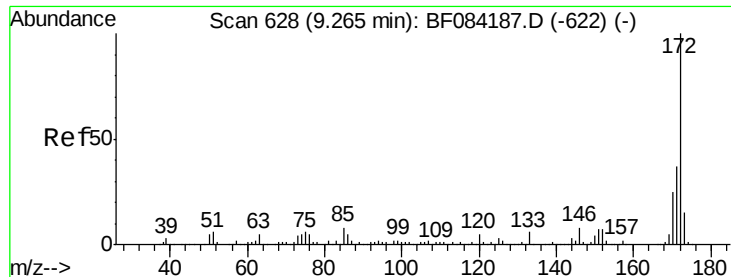


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

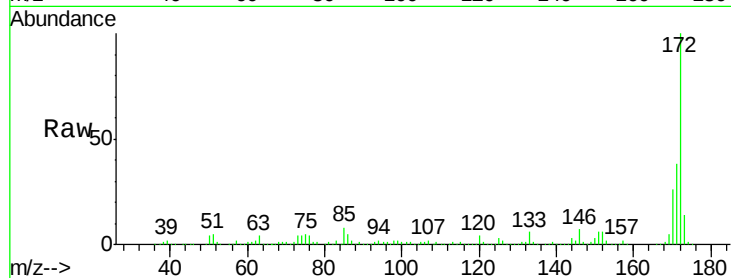




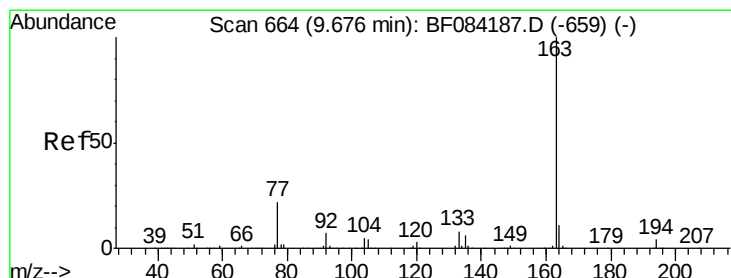
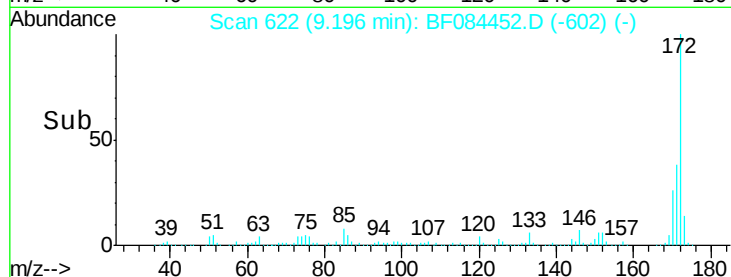
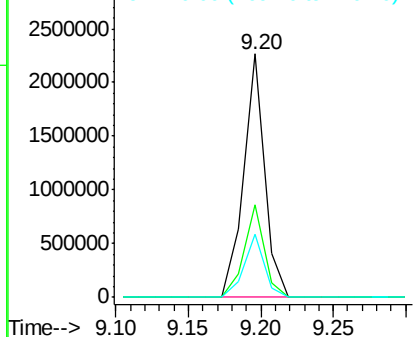
#44
2-Fluorobiphenyl
Concen: 80.18 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.07 min
Lab File: BF084452.D
Acq: 13 Jan 2016 20:13

Instrument :
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ClientSampleId :
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Tot Ion:172 Resp: 2282362
Ion Ratio Lower Upper
172 100
171 38.2 28.9 43.3
170 25.7 18.6 27.8

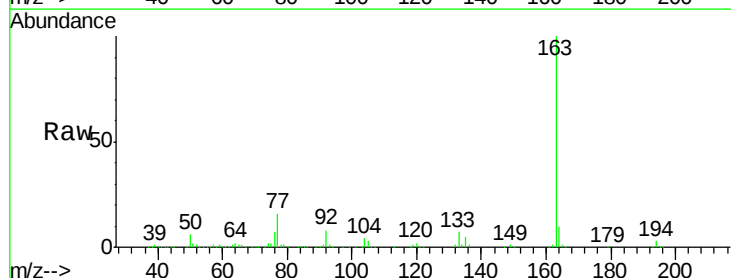


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

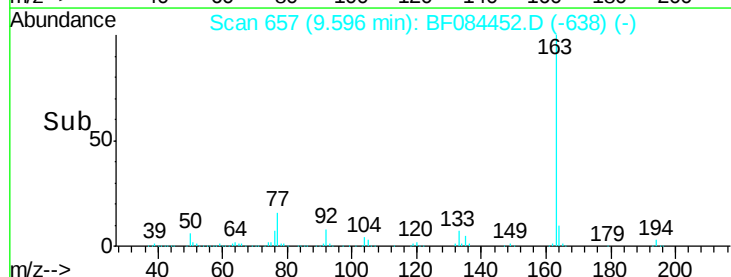
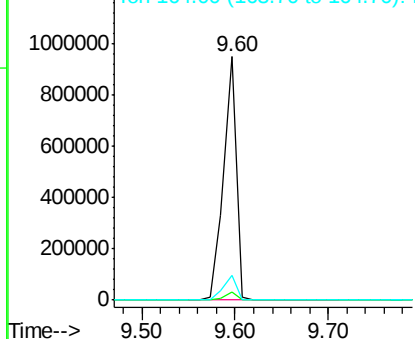


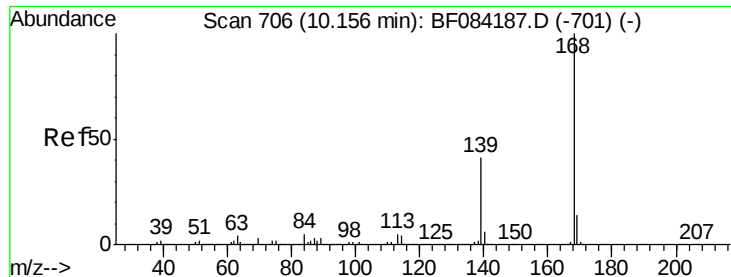
#49
Dimethylphthalate
Concen: 25.18 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.08 min
Lab File: BF084452.D
Acq: 13 Jan 2016 20:13

Tgt Ion:163 Resp: 897306
Ion Ratio Lower Upper
163 100
194 3.4 8.0 12.0#
164 10.1 8.0 12.0



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

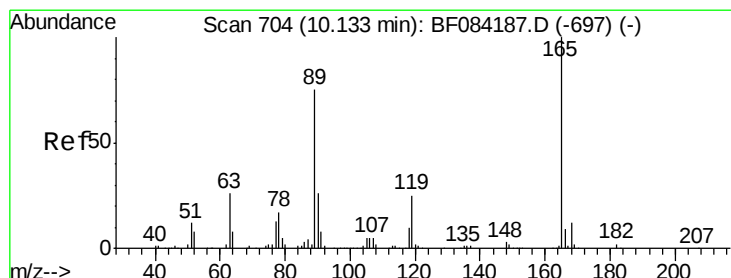
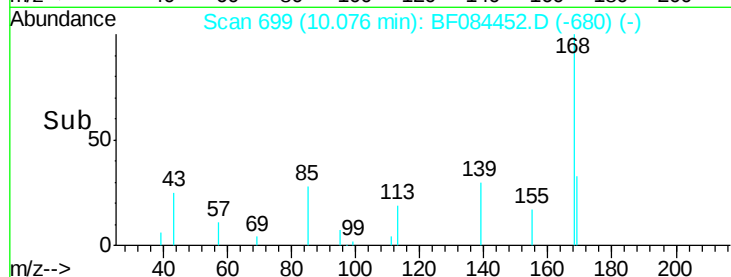
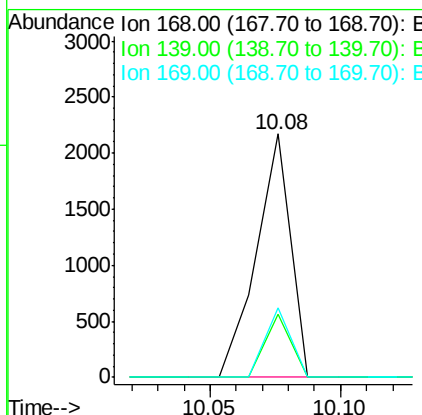
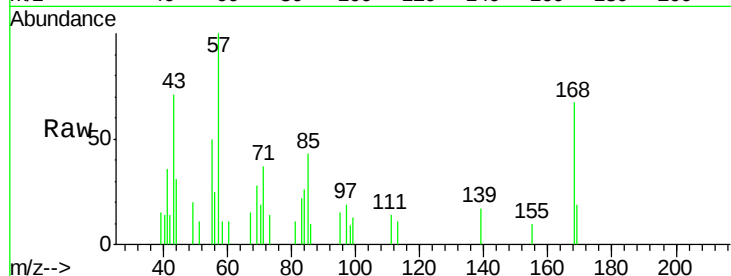




#54
Dibenzenofuran
Concen: Below Cal
RT: 10.08 min Scan# 699
Delta R.T. -0.08 min
Lab File: BF084452.D
Acq: 13 Jan 2016 20:13

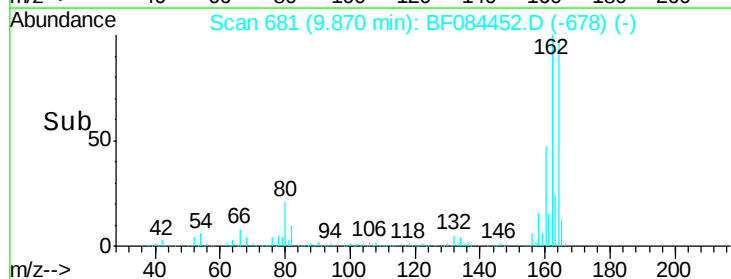
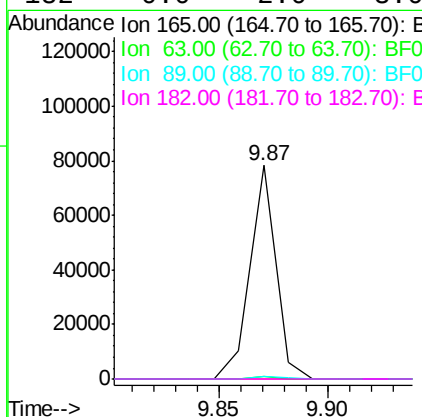
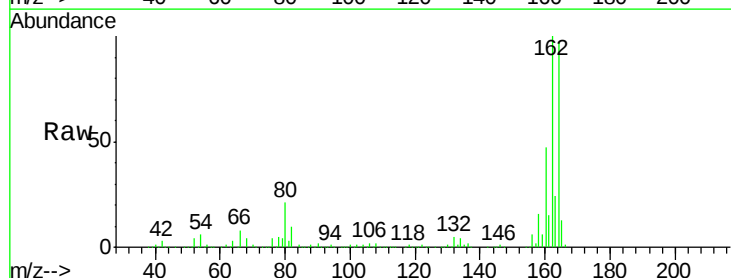
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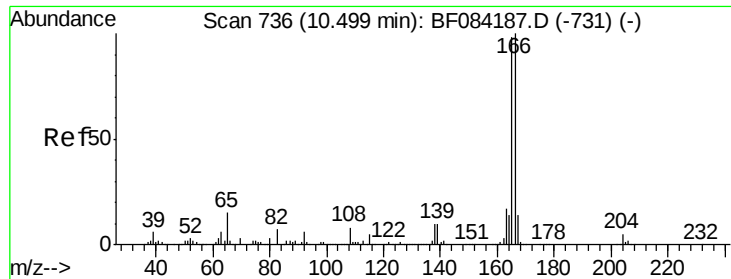
Tot Ion:168 Resp: 1992
Ion Ratio Lower Upper
168 100
139 26.1 30.5 45.7#
169 28.4 10.4 15.6#



#56
2,4-Dinitrotoluene
Concen: 6.57 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.26 min
Lab File: BF084452.D
Acq: 13 Jan 2016 20:13

Tgt Ion:165 Resp: 64979
Ion Ratio Lower Upper
165 100
63 1.1 36.7 55.1#
89 1.2 61.9 92.9#
182 0.0 2.0 3.0#

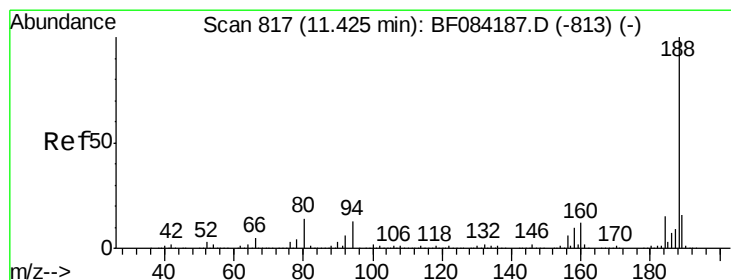
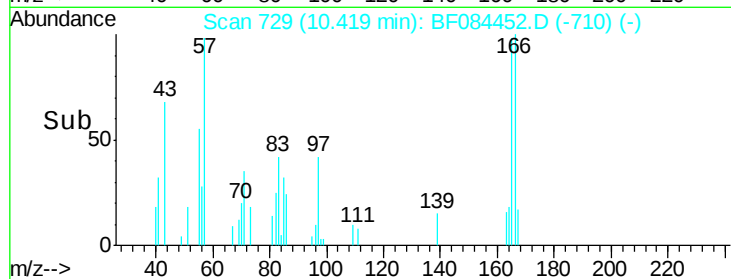
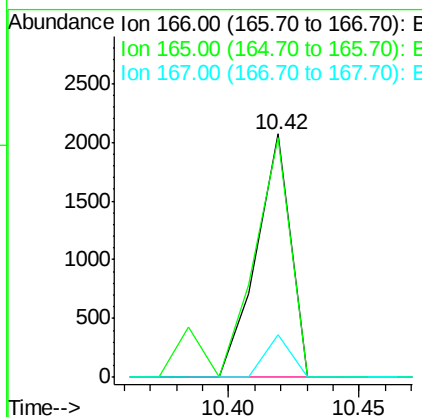
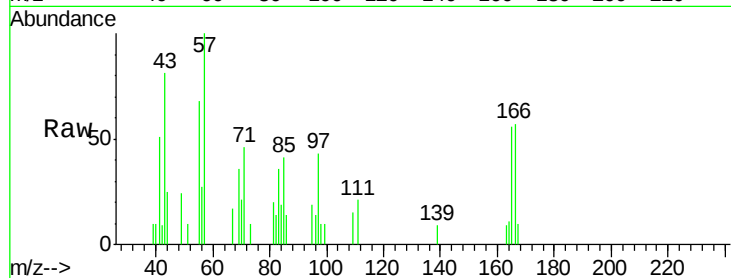




#57
 Fluorene
 Concen: Below Cal
 RT: 10.42 min Scan# 729
 Delta R.T. -0.08 min
 Lab File: BF084452.D
 Acq: 13 Jan 2016 20:13

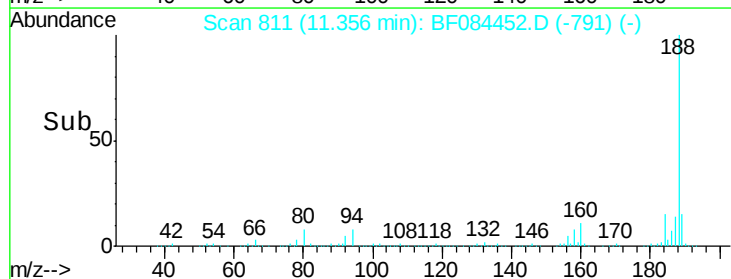
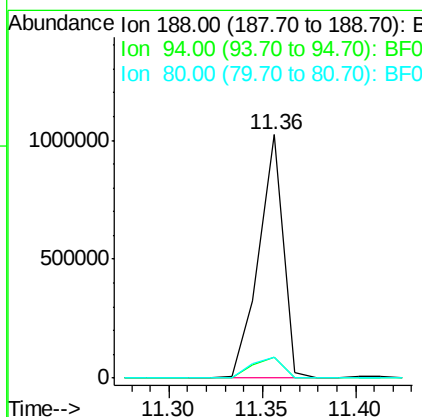
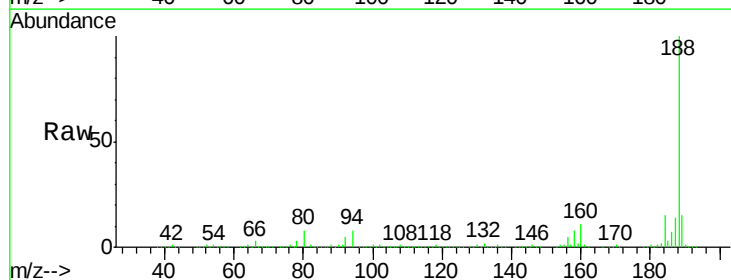
Instrument :
 BNA_F
 ClientSampleId :
 WHRB3B

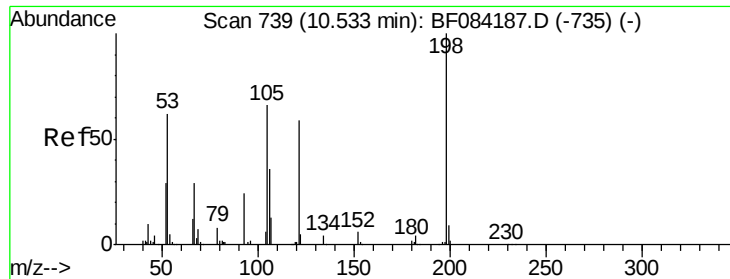
Tot Ion:166 Resp: 1911
 Ion Ratio Lower Upper
 166 100
 165 98.4 79.1 118.7
 167 17.4 10.4 15.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.07 min
 Lab File: BF084452.D
 Acq: 13 Jan 2016 20:13

Tgt Ion:188 Resp: 950365
 Ion Ratio Lower Upper
 188 100
 94 8.5 9.0 13.4#
 80 8.3 9.6 14.4#





#64

4,6-Dinitro-2-methylphenol

Concen: 6.59 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.13 min

Lab File: BF084452.D

Acq: 13 Jan 2016 20:13

Instrument :

BNA_F

ClientSampleId :

WHRB3B

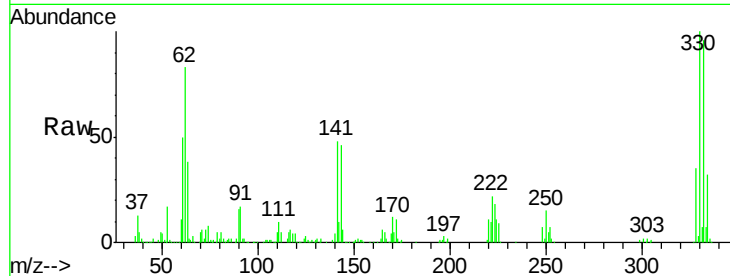
Tot Ion:198 Resp: 1291

Ion Ratio Lower Upper

198 100

51 199.7 18.9 58.9#

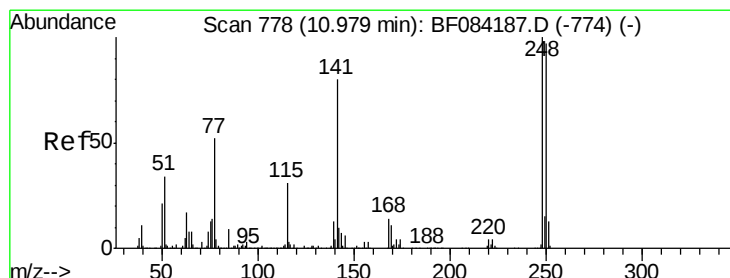
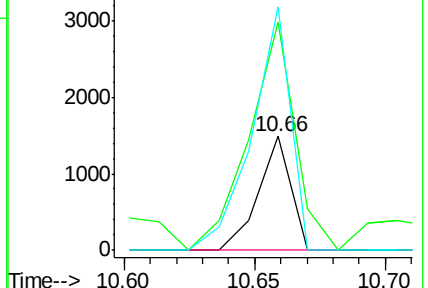
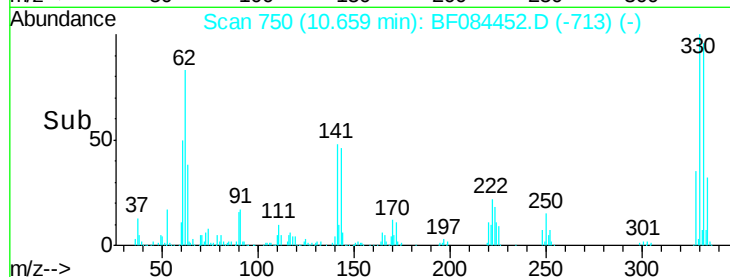
105 213.0 26.4 66.4#



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



#66

4-Bromophenyl-phenylether

Concen: 3.61 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.32 min

Lab File: BF084452.D

Acq: 13 Jan 2016 20:13

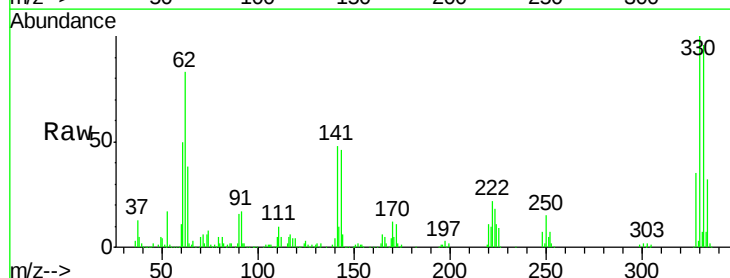
Tgt Ion:248 Resp: 36915

Ion Ratio Lower Upper

248 100

250 205.5 78.4 117.6#

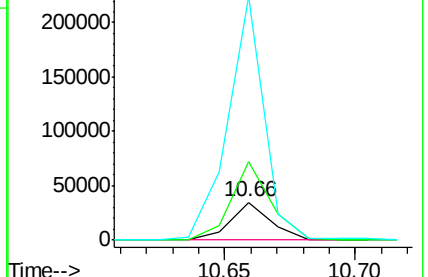
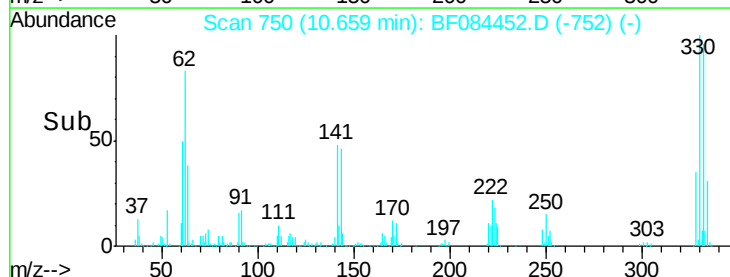
141 642.1 44.0 66.0#

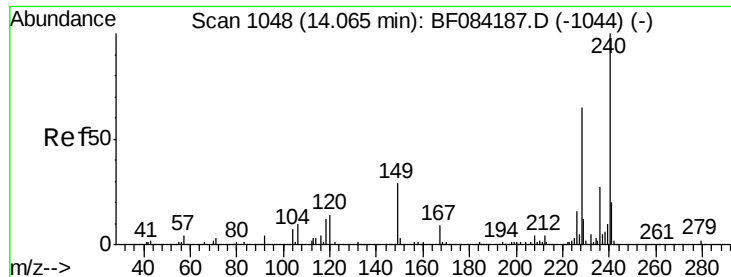


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.08 min

Lab File: BF084452.D

Acq: 13 Jan 2016 20:13

Instrument :

BNA_F

ClientSampleId :

WHRB3B

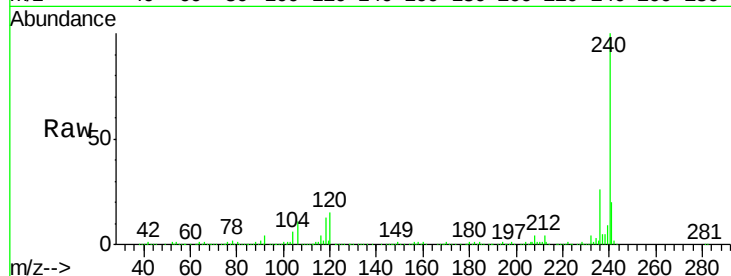
Tot Ion:240 Resp: 778521

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

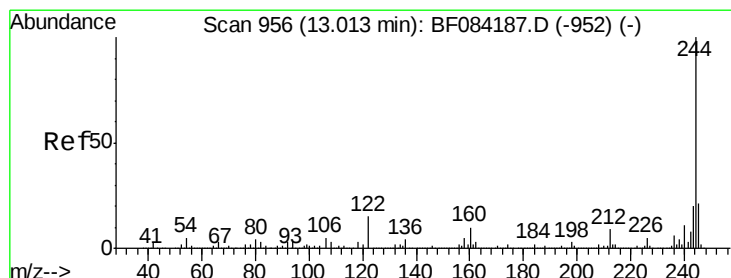
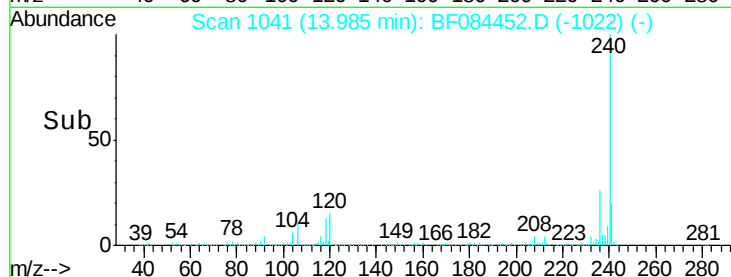
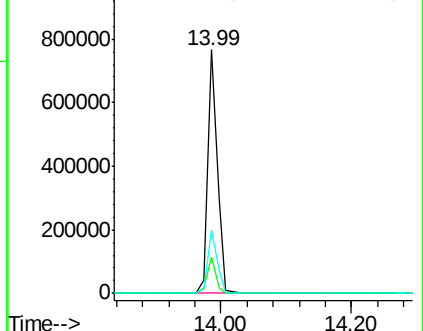
236 25.9 20.6 31.0



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: 64.72 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.07 min

Lab File: BF084452.D

Acq: 13 Jan 2016 20:13

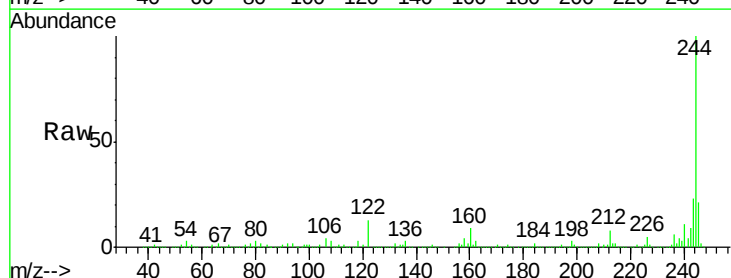
Tgt Ion:244 Resp: 2257376

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

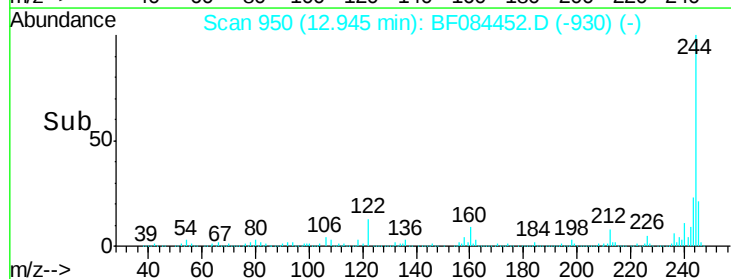
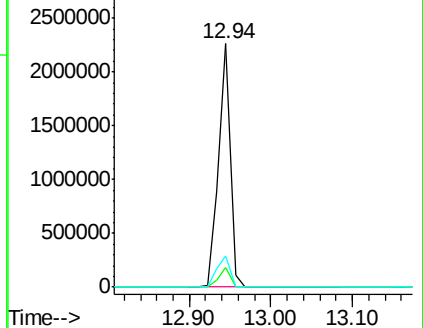
122 12.9 7.4 11.0#

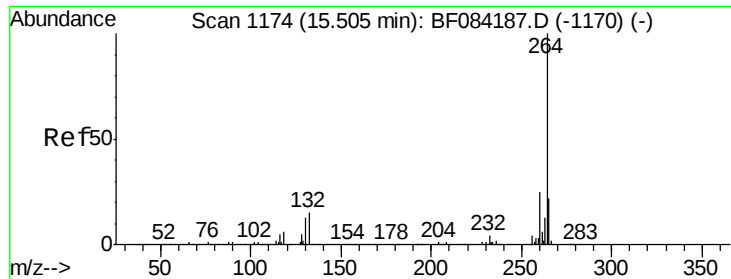


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

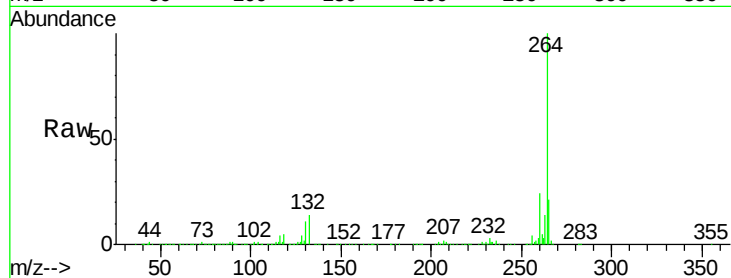




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.09 min
 Lab File: BF084452.D
 Acq: 13 Jan 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 WHRB3B

Tot Ion: 264 Resp: 565118
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.1 17.8 26.6



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

