

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084379.D
 Acq On : 11 Jan 2016 14:58
 Operator : SJ/UM
 Sample : H1043-18RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4COMP

Quant Time: Jan 12 01:39:54 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

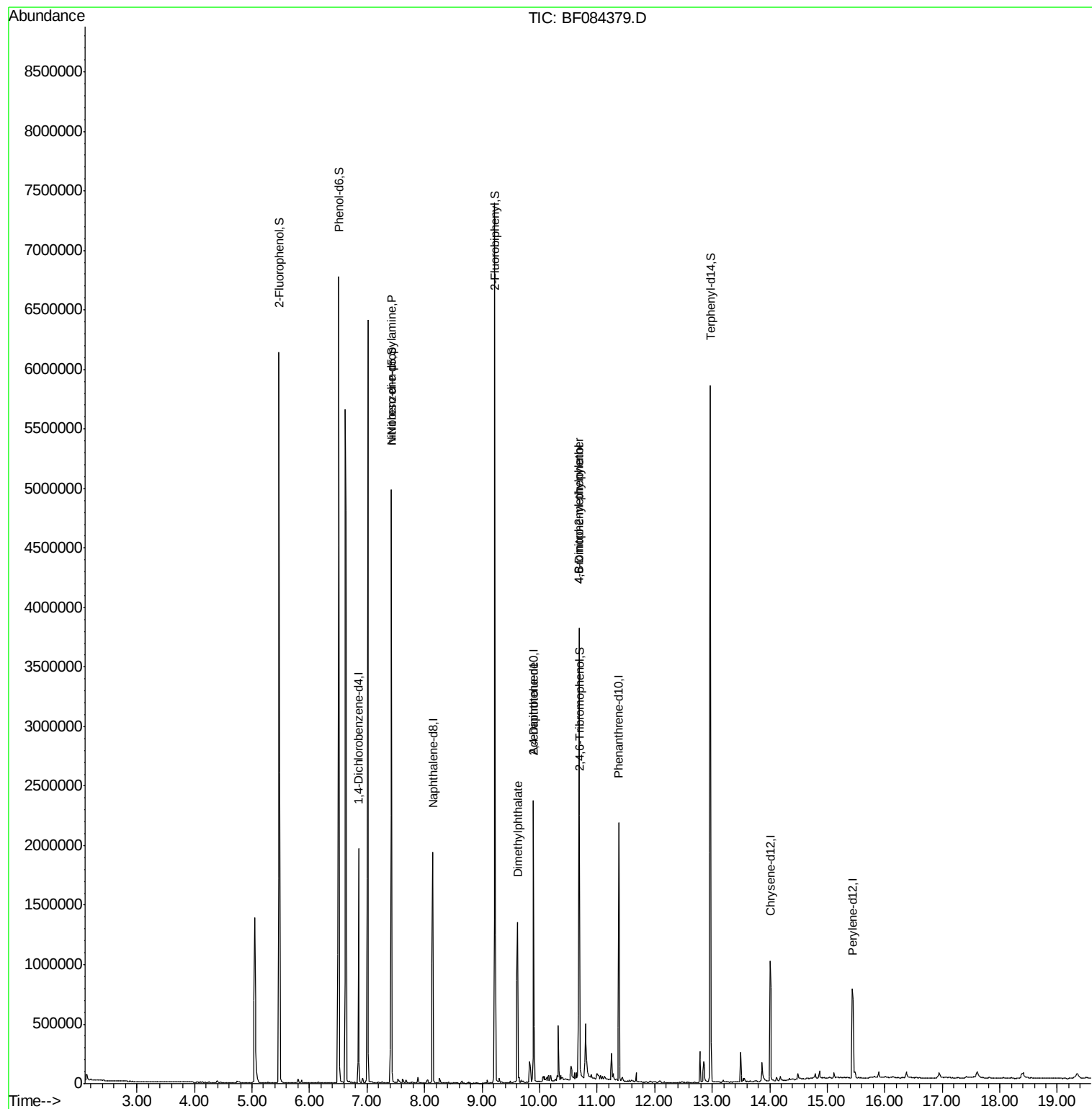
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	246275	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	1023050	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	430590	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	738119	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	474286	20.00	ng	-0.06
86) Perylene-d12	15.45	264	415922	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2010573	132.05	ng	-0.02
7) Phenol-d6	6.51	99	2781380	145.45	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1713250	93.20	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	601048	138.26	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2184237	89.58	ng	-0.04
78) Terphenyl-d14	12.97	244	1764232	83.03	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	249963	19.31	ng	# 70
49) Dimethylphthalate	9.62	163	705986	22.93	ng	# 91
54) Dibenzofuran	10.10	168	1036	Below Cal	#	90
56) 2,4-Dinitrotoluene	9.89	165	56193	6.58	ng	# 21
57) Fluorene	10.68	166	20277	Below Cal	#	92
64) 4,6-Dinitro-2-methylphenol	10.68	198	1248	6.63	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	34823	4.38	ng	# 1
73) Di-n-butylphthalate	11.94	149	3836	Below Cal	#	91

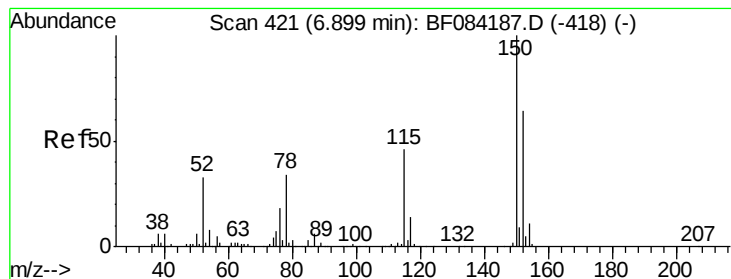
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084379.D

Acq: 11 Jan 2016 14:58

Instrument :

BNA_F

ClientSampleId :

SB-4COMP

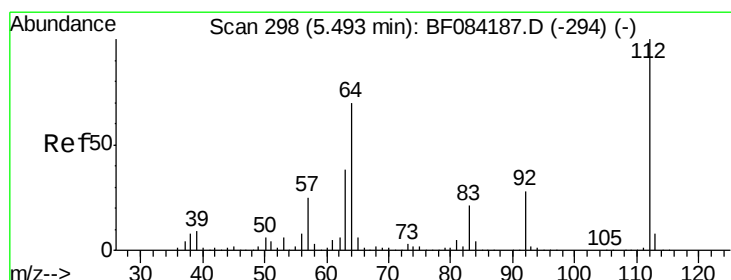
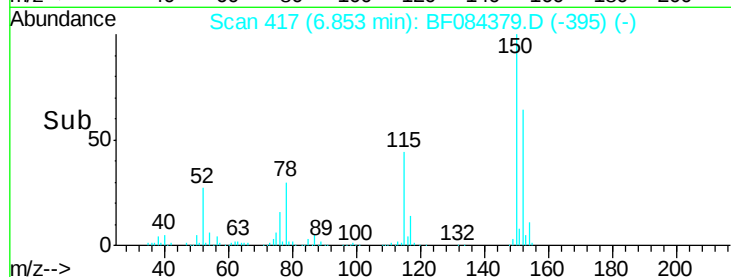
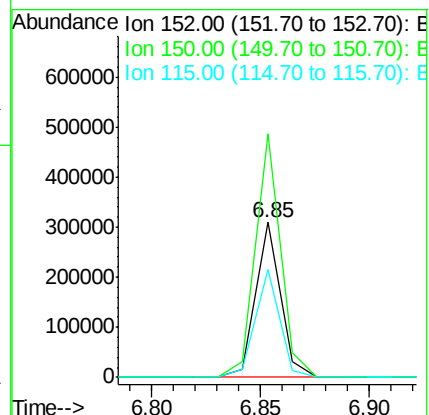
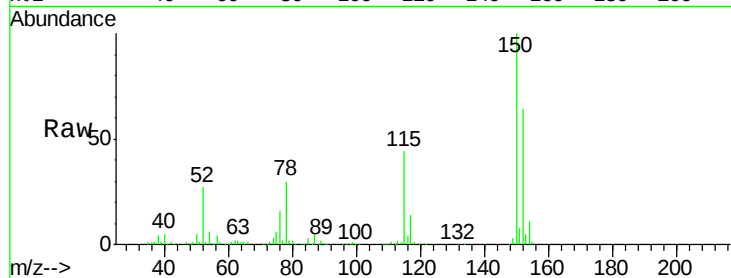
Tgt Ion:152 Resp: 246275

Ion Ratio Lower Upper

152 100

150 157.3 123.0 184.4

115 69.5 51.4 77.2



#5

2-Fluorophenol

Concen: 132.05 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084379.D

Acq: 11 Jan 2016 14:58

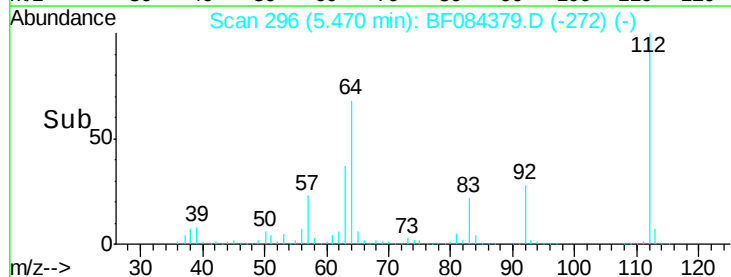
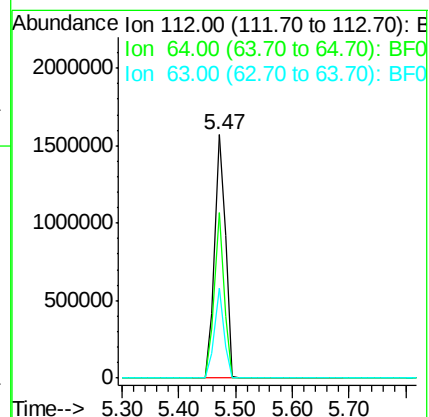
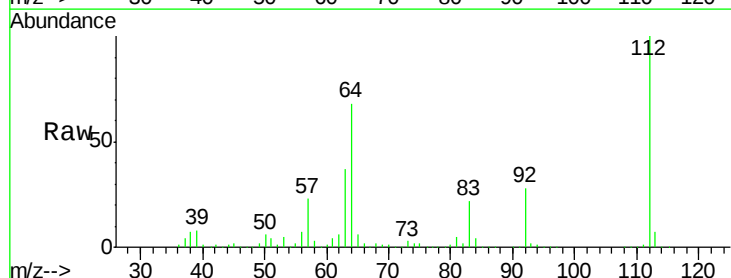
Tgt Ion:112 Resp: 2010573

Ion Ratio Lower Upper

112 100

64 67.9 36.6 55.0#

63 37.0 19.4 29.0#





#7

Phenol-d6

Concen: 145.45 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084379.D

Acq: 11 Jan 2016 14:58

Instrument :

BNA_F

ClientSampleId :

SB-4COMP

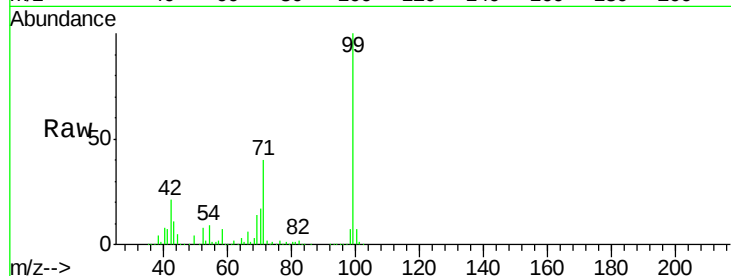
Tgt Ion: 99 Resp: 2781380

Ion Ratio Lower Upper

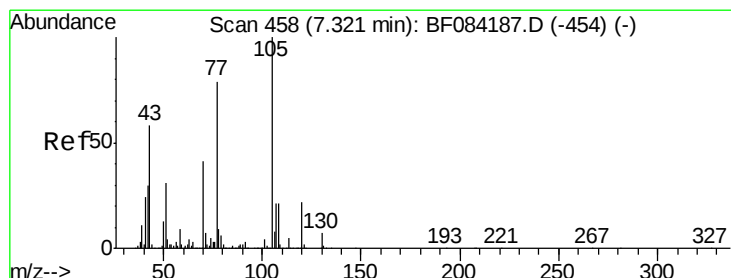
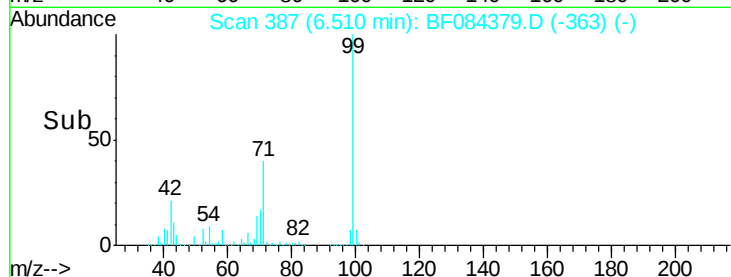
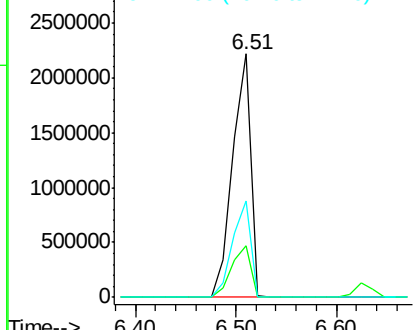
99 100

42 21.0 12.8 19.2#

71 39.6 30.9 46.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 19.31 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.10 min

Lab File: BF084379.D

Acq: 11 Jan 2016 14:58

Tgt Ion: 70 Resp: 249963

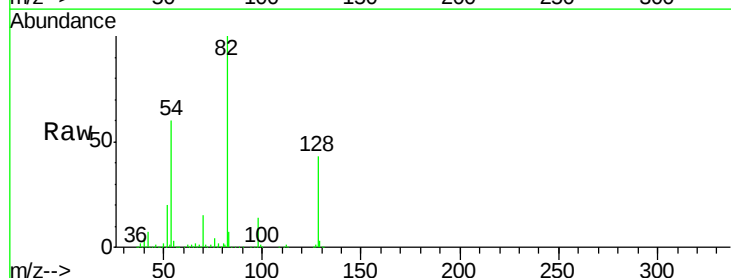
Ion Ratio Lower Upper

70 100

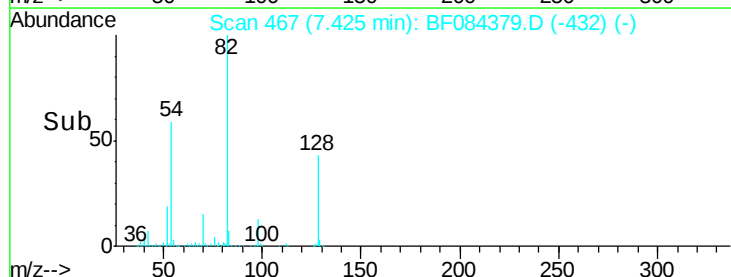
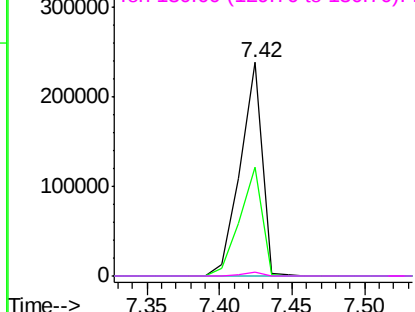
42 51.2 33.3 49.9#

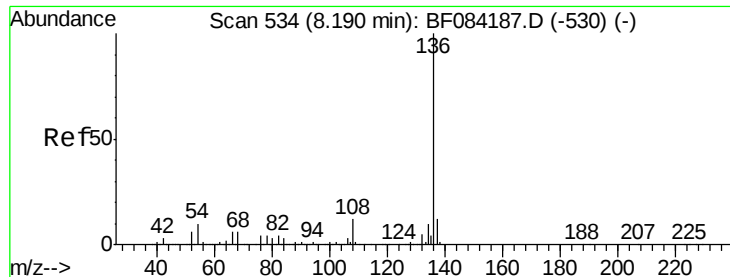
101 0.0 9.3 13.9#

130 2.1 23.4 35.0#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084379.D

Acq: 11 Jan 2016 14:58

Instrument :

BNA_F

ClientSampleId :

SB-4COMP

Tgt Ion:136 Resp: 1023050

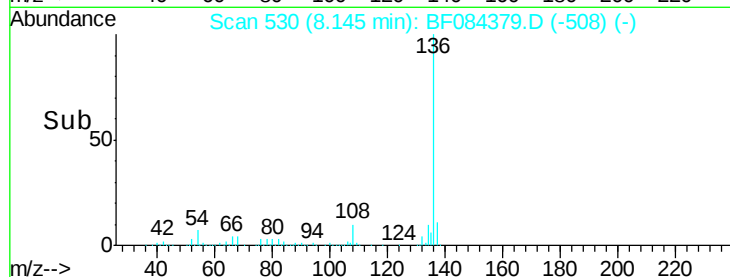
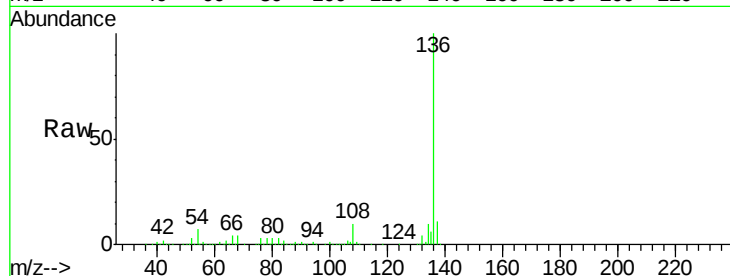
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.6 5.8 8.8

68 4.0 4.2 6.2#

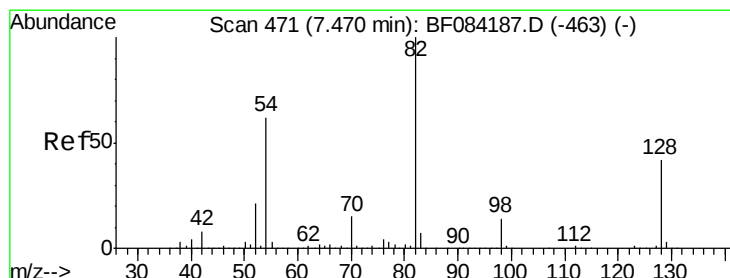
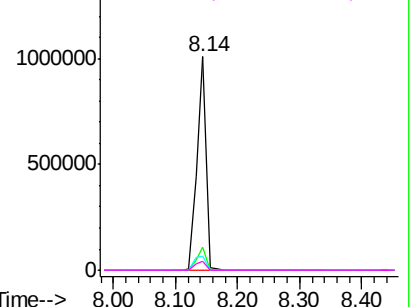


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.20 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF084379.D

Acq: 11 Jan 2016 14:58

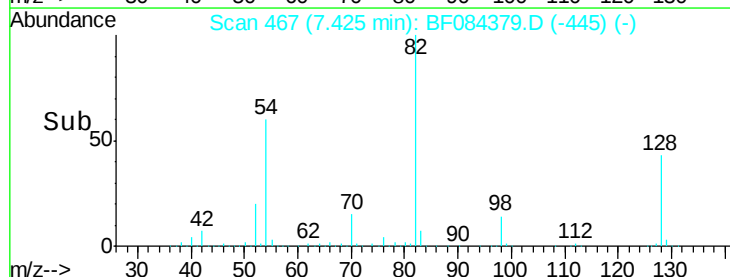
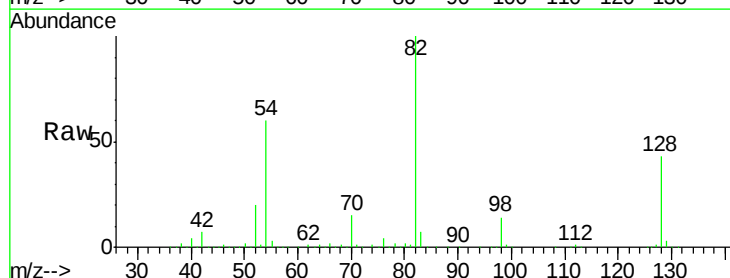
Tgt Ion: 82 Resp: 1713250

Ion Ratio Lower Upper

82 100

128 42.9 34.6 51.8

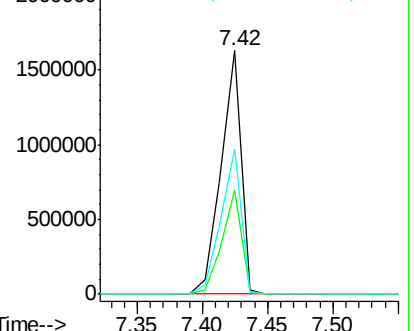
54 59.5 38.4 57.6#

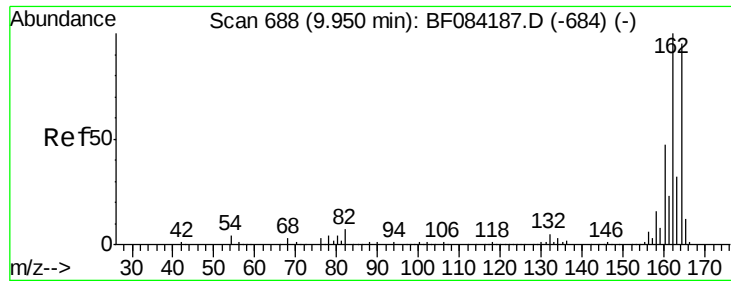


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.89 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF084379.D

Acq: 11 Jan 2016 14:58

Instrument :

BNA_F

ClientSampleId :

SB-4COMP

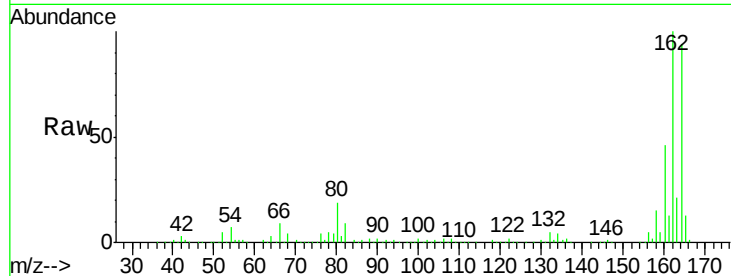
Tgt Ion:164 Resp: 430590

Ion Ratio Lower Upper

164 100

162 106.5 85.1 127.7

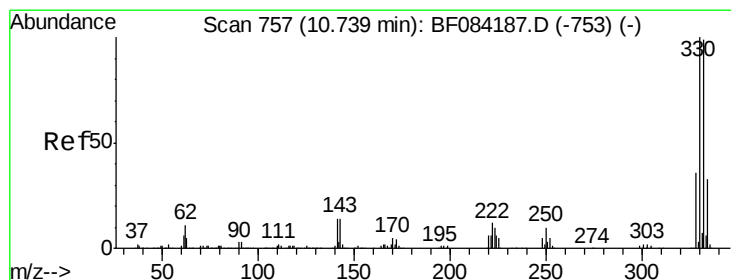
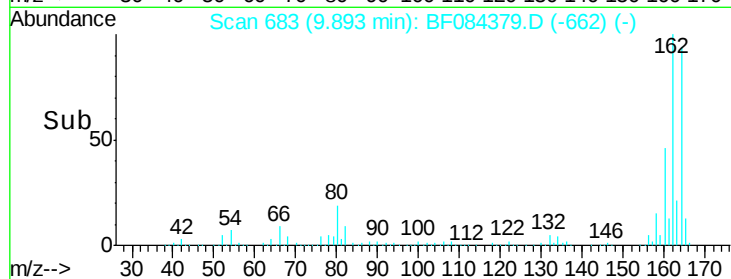
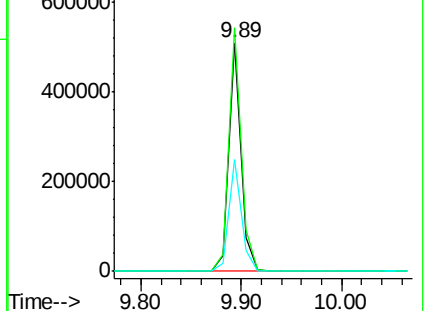
160 48.9 37.5 56.3



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: 138.26 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.05 min

Lab File: BF084379.D

Acq: 11 Jan 2016 14:58

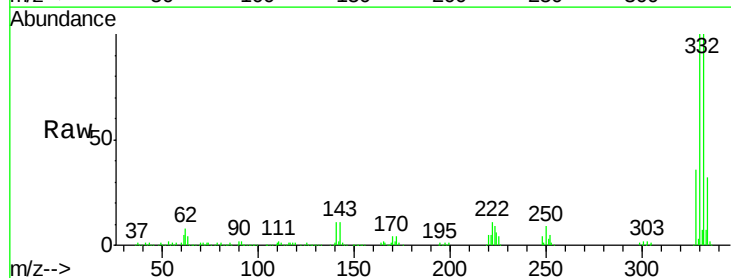
Tgt Ion:330 Resp: 601048

Ion Ratio Lower Upper

330 100

332 98.4 76.6 114.8

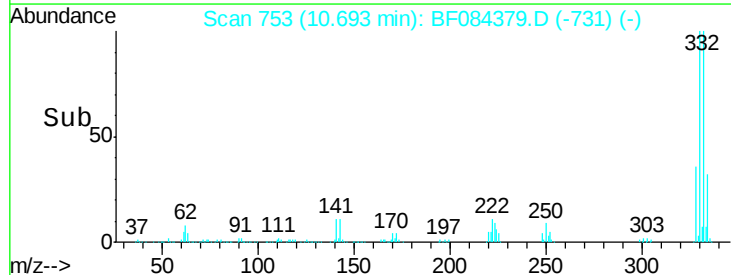
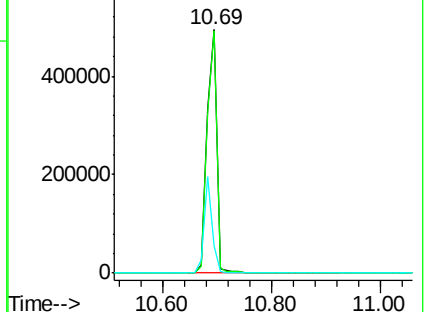
141 32.8 27.8 41.6

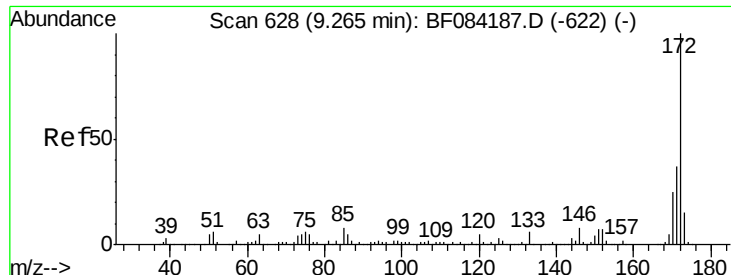


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

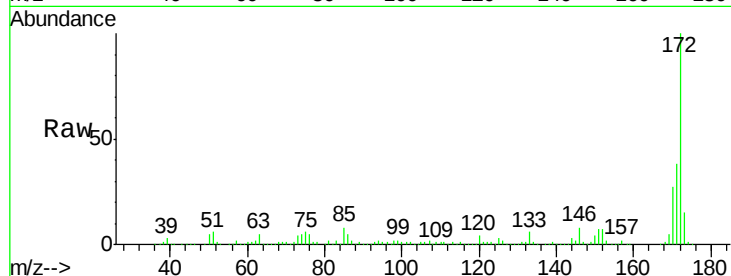




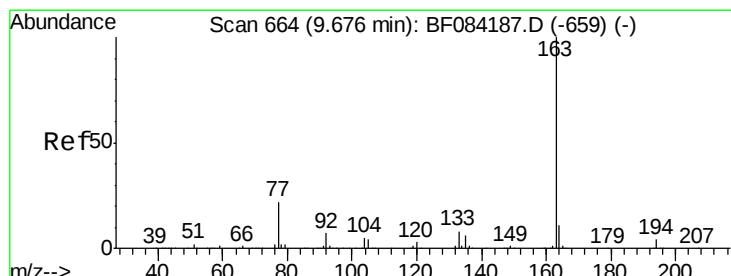
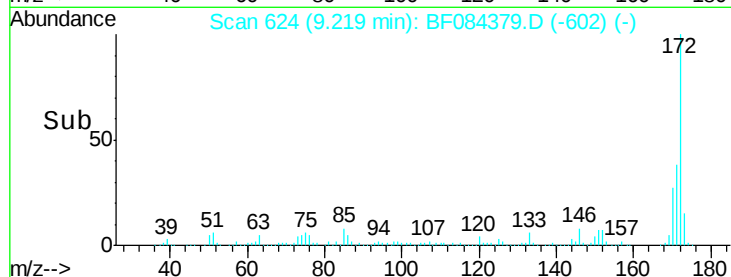
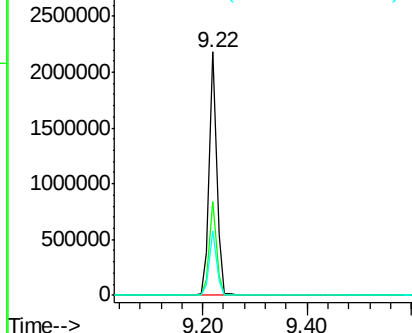
#44
 2-Fluorobiphenyl
 Concen: 89.58 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.04 min
 Lab File: BF084379.D
 Acq: 11 Jan 2016 14:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-4COMP

Tgt Ion:172 Resp: 2184237
 Ion Ratio Lower Upper
 172 100
 171 38.4 28.9 43.3
 170 26.5 18.6 27.8

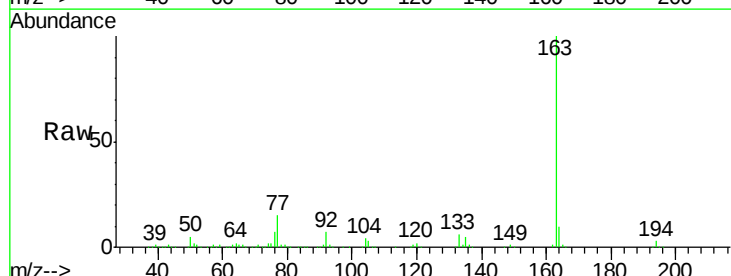


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

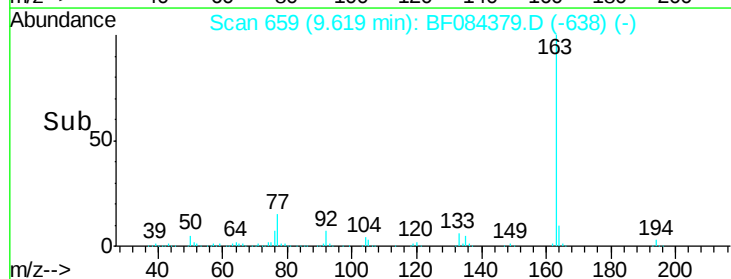
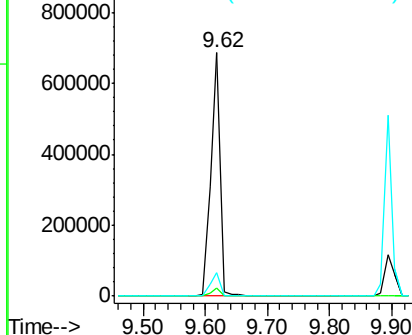


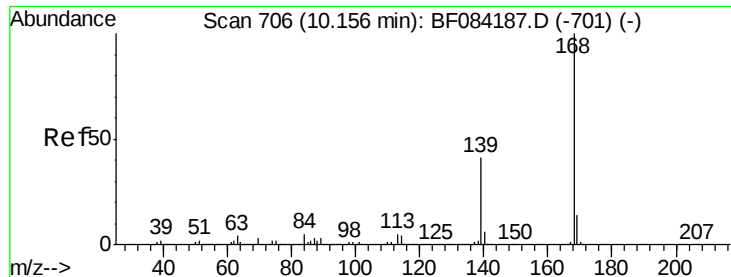
#49
 Dimethylphthalate
 Concen: 22.93 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.06 min
 Lab File: BF084379.D
 Acq: 11 Jan 2016 14:58

Tgt Ion:163 Resp: 705986
 Ion Ratio Lower Upper
 163 100
 194 3.4 8.0 12.0#
 164 9.9 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

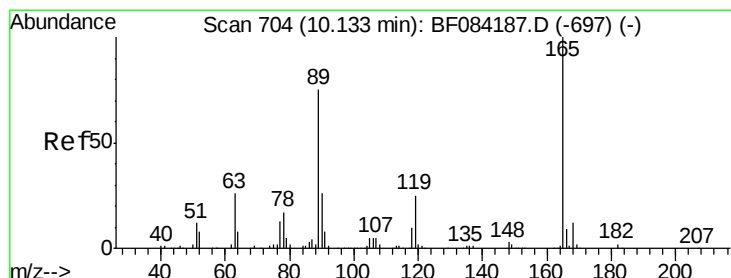
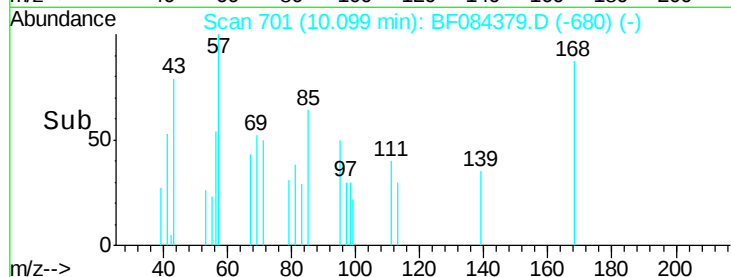
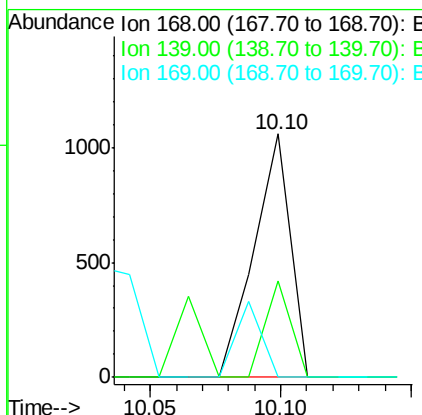
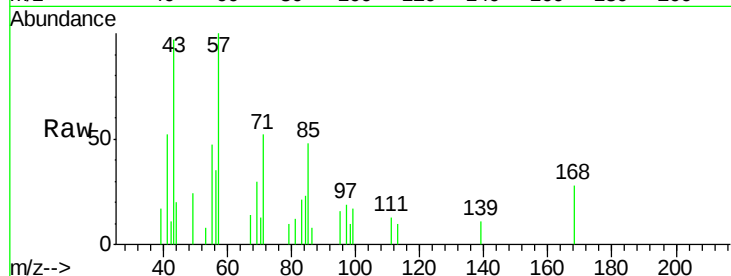




#54
Dibenzofuran
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084379.D
Acq: 11 Jan 2016 14:58

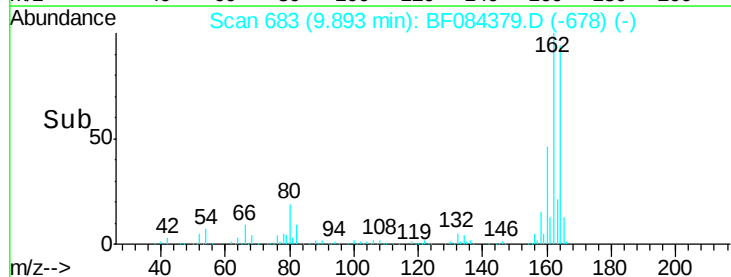
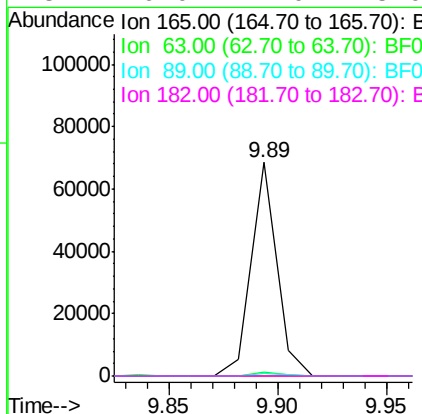
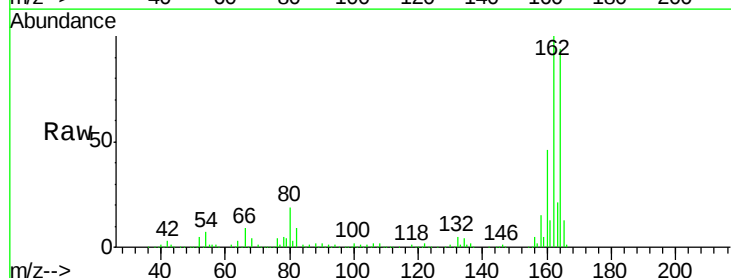
Instrument :
BNA_F
ClientSampleId :
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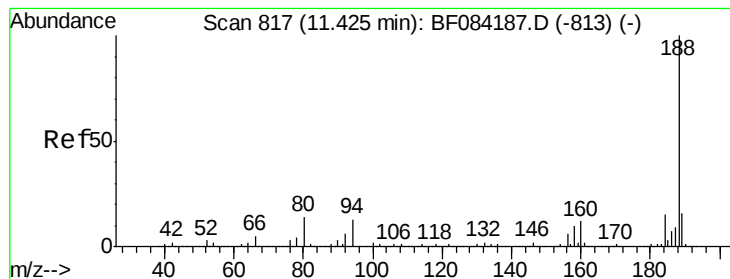
Tgt Ion:168 Resp: 1036
Ion Ratio Lower Upper
168 100
139 39.5 30.5 45.7
169 0.0 10.4 15.6#



#56
2,4-Dinitrotoluene
Concen: 6.58 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF084379.D
Acq: 11 Jan 2016 14:58

Tgt Ion:165 Resp: 56193
Ion Ratio Lower Upper
165 100
63 1.6 36.7 55.1#
89 1.3 61.9 92.9#
182 0.0 2.0 3.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084379.D

Acq: 11 Jan 2016 14:58

Instrument :

BNA_F

ClientSampleId :

SB-4COMP

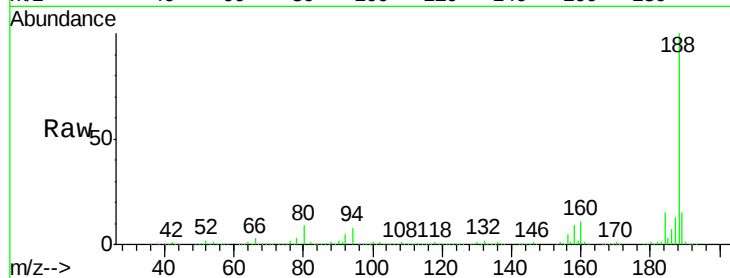
Tgt Ion:188 Resp: 738119

Ion Ratio Lower Upper

188 100

94 8.4 9.0 13.4#

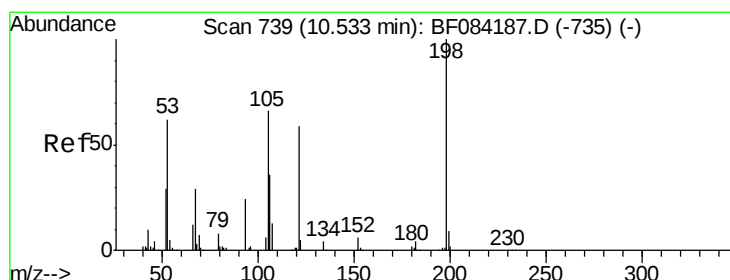
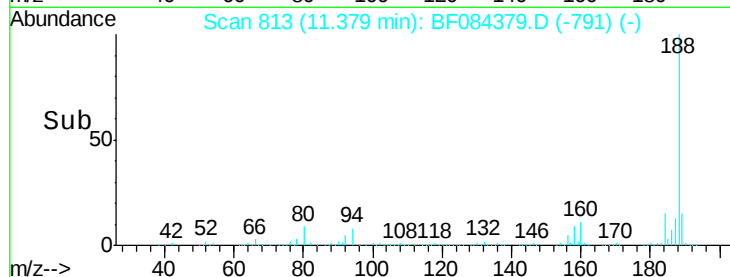
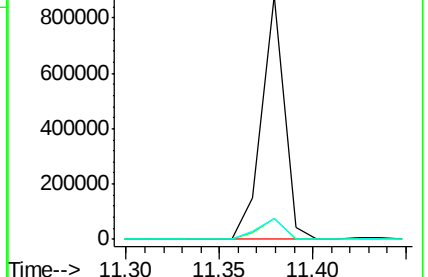
80 8.7 9.6 14.4#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 6.63 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.15 min

Lab File: BF084379.D

Acq: 11 Jan 2016 14:58

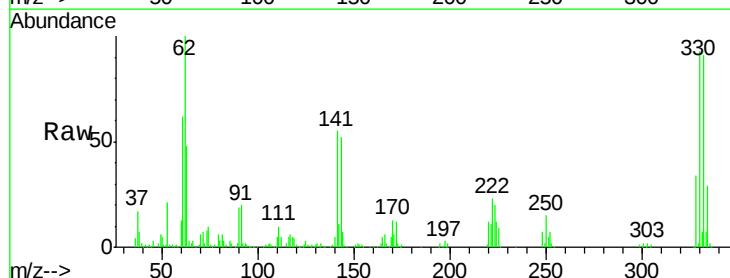
Tgt Ion:198 Resp: 1248

Ion Ratio Lower Upper

198 100

51 258.1 18.9 58.9#

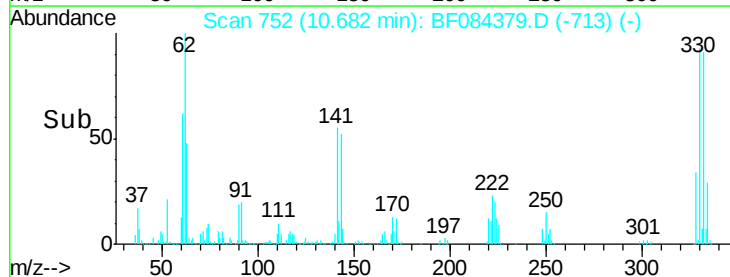
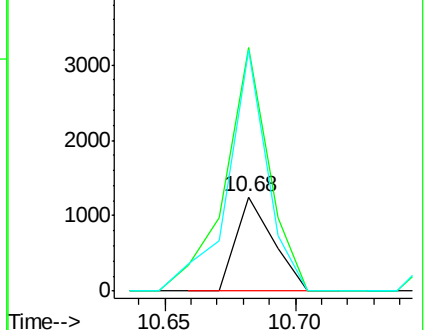
105 255.5 26.4 66.4#

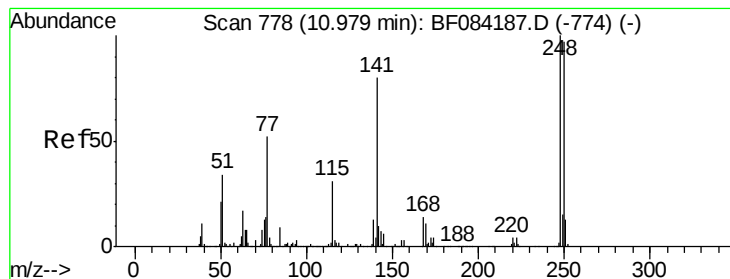


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 4.38 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.30 min

Lab File: BF084379.D

Acq: 11 Jan 2016 14:58

Instrument :

BNA_F

ClientSampleId :

SB-4COMP

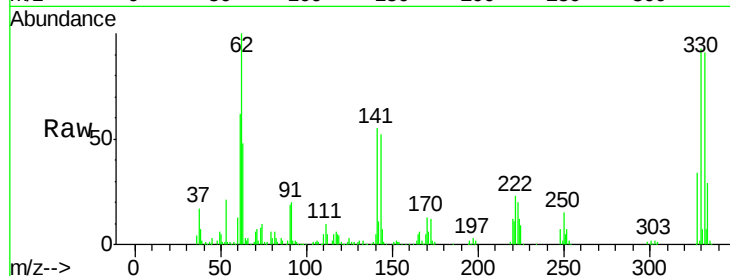
Tgt Ion:248 Resp: 34823

Ion Ratio Lower Upper

248 100

250 199.5 78.4 117.6#

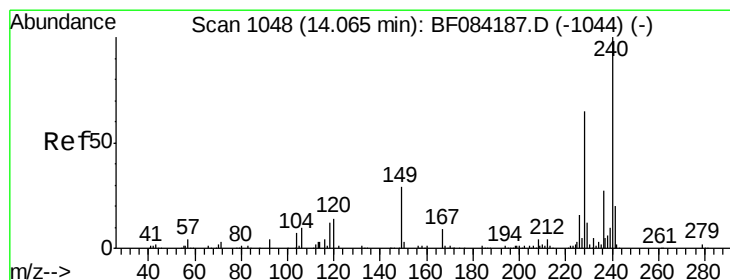
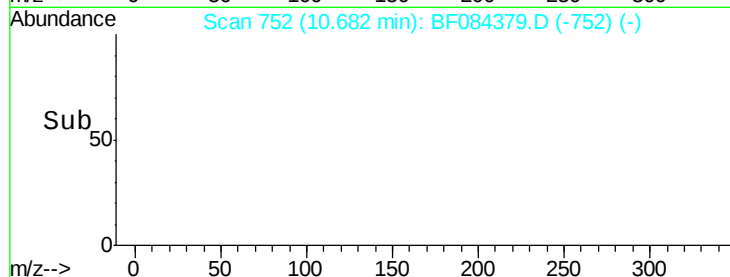
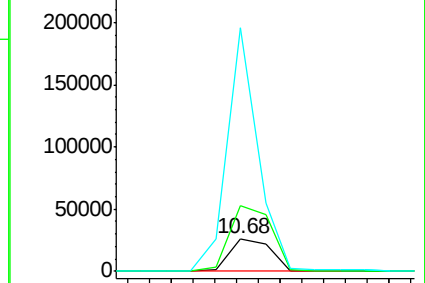
141 738.0 44.0 66.0#



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: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084379.D

Acq: 11 Jan 2016 14:58

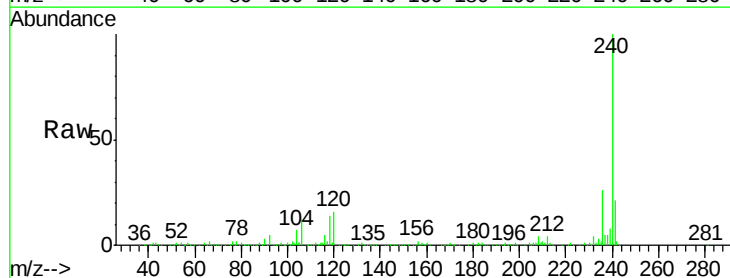
Tgt Ion:240 Resp: 474286

Ion Ratio Lower Upper

240 100

120 16.0 9.5 14.3#

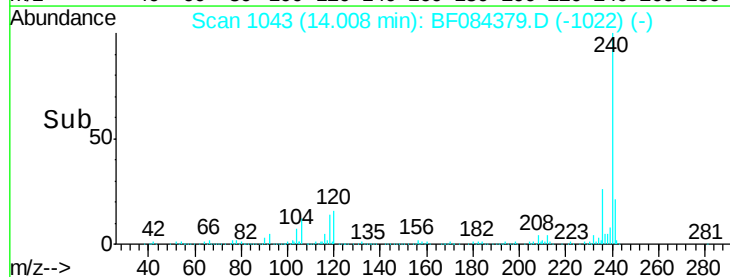
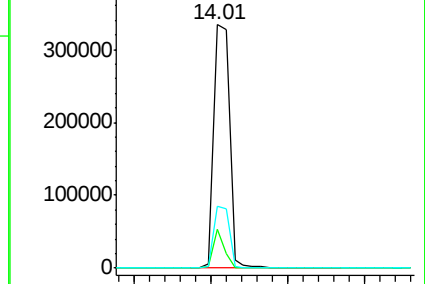
236 25.6 20.6 31.0

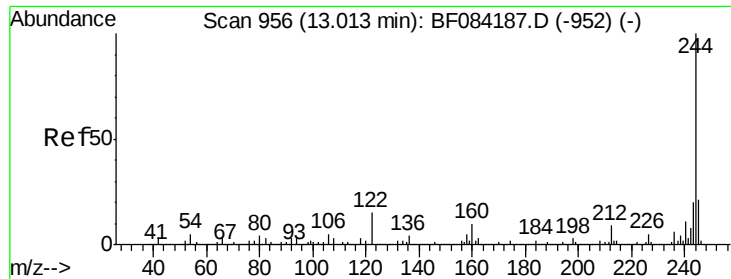


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

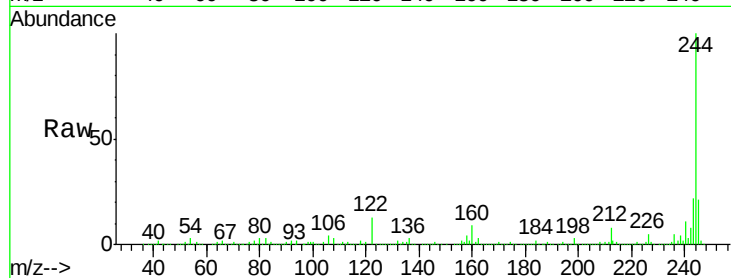




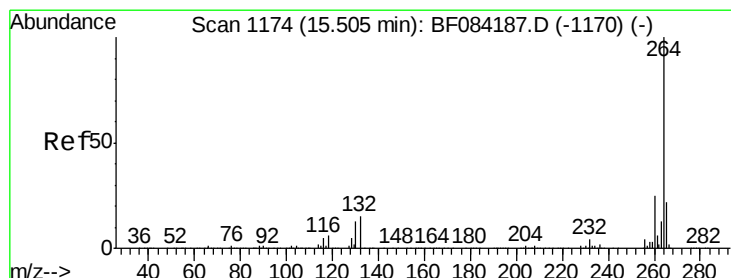
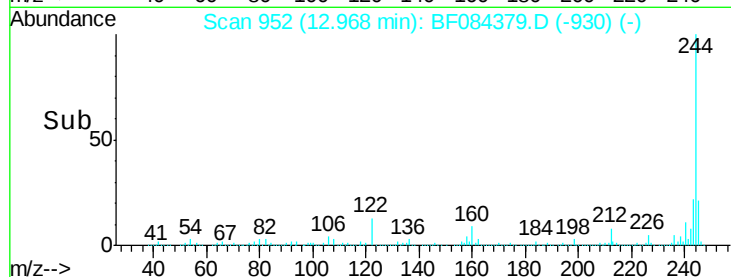
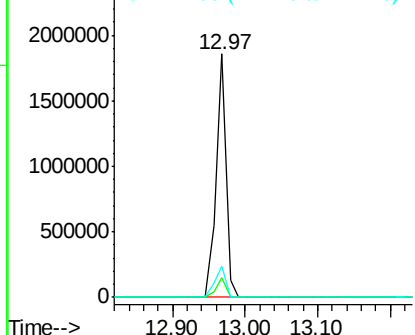
#78
 Terphenyl-d14
 Concen: 83.03 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084379.D
 Acq: 11 Jan 2016 14:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-4COMP

Tgt Ion:244 Resp: 1764232
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 12.6 7.4 11.0#

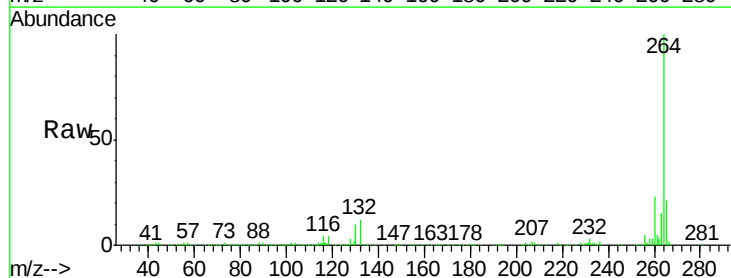


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084379.D
 Acq: 11 Jan 2016 14:58

Tgt Ion:264 Resp: 415922
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.4 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

