

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084384.D
 Acq On : 11 Jan 2016 17:21
 Operator : SJ/UM
 Sample : PB87733TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87733TB

Quant Time: Jan 12 02:12:27 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

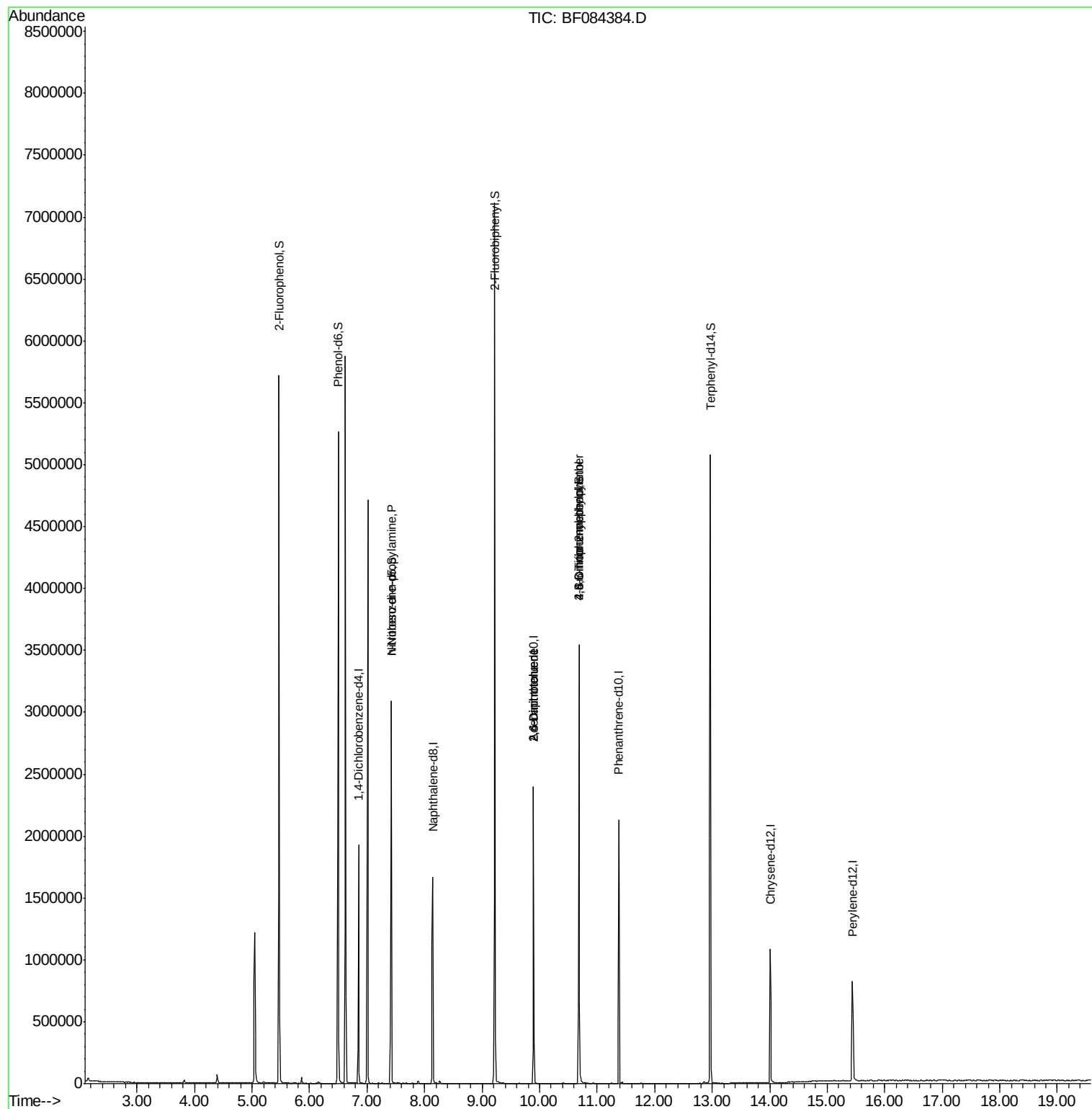
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	253308	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	982522	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	438733	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	740620	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	476791	20.00	ng	-0.06
86) Perylene-d12	15.44	264	407130	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1432420	91.47	ng	-0.02
7) Phenol-d6	6.50	99	1726029	87.76	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1337196	75.75	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	396445	89.50	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	1962208	78.17	ng	-0.05
78) Terphenyl-d14	12.97	244	1614961	75.61	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	181400	13.62	ng	# 76
50) 2,6-Dinitrotoluene	9.89	165	58027	8.44	ng	# 37
56) 2,4-Dinitrotoluene	9.89	165	58029	6.67	ng	# 21
57) Fluorene	10.68	166	16583	Below Cal		# 91
64) 4,6-Dinitro-2-methylphenol	10.68	198	802	6.56	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	25274	3.17	ng	# 1

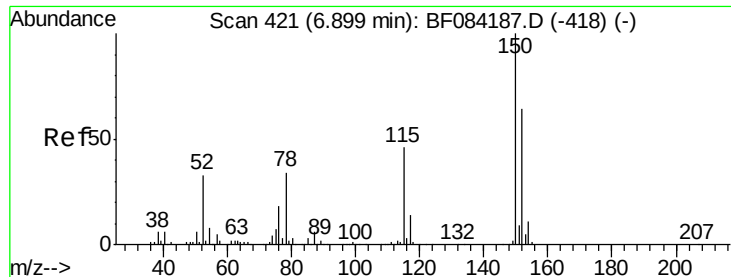
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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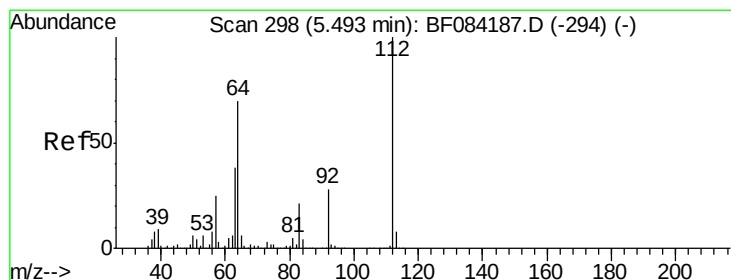
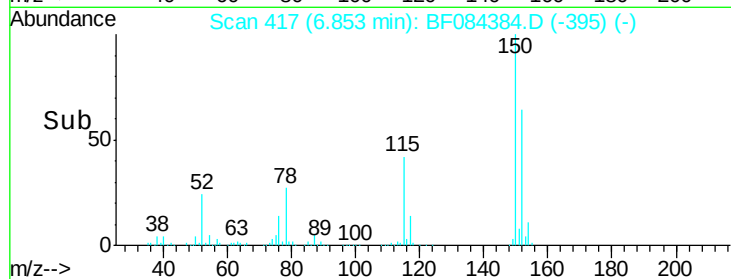
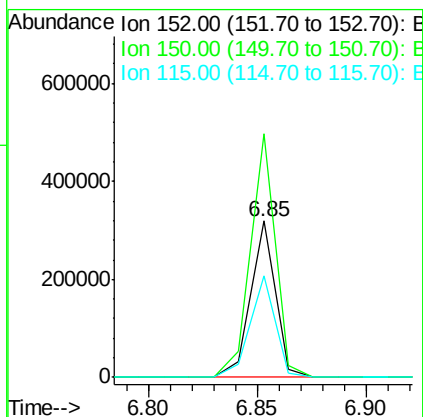
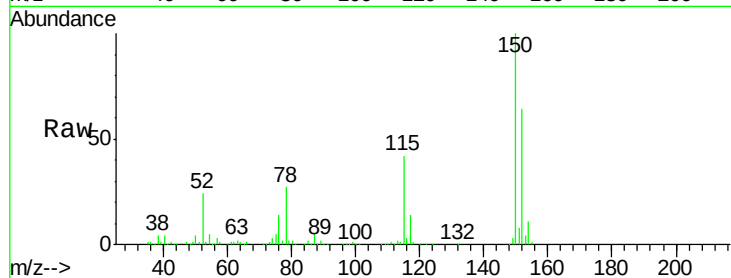


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084384.D
Acq: 11 Jan 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB87733TB

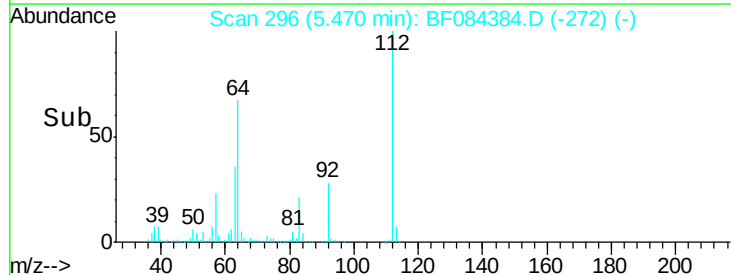
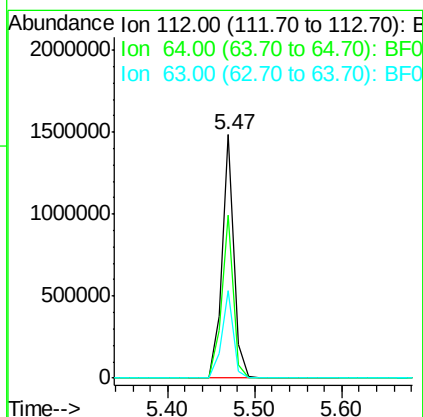
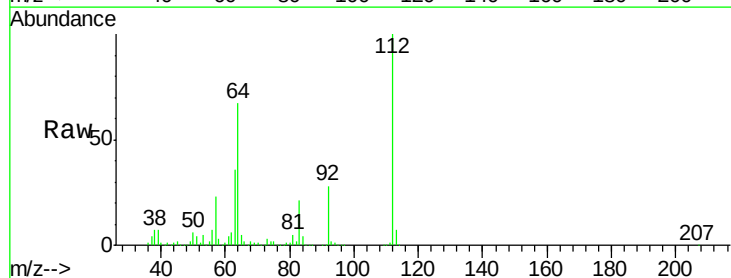
Tgt Ion:152 Resp: 253308
Ion Ratio Lower Upper
152 100
150 155.7 123.0 184.4
115 64.6 51.4 77.2

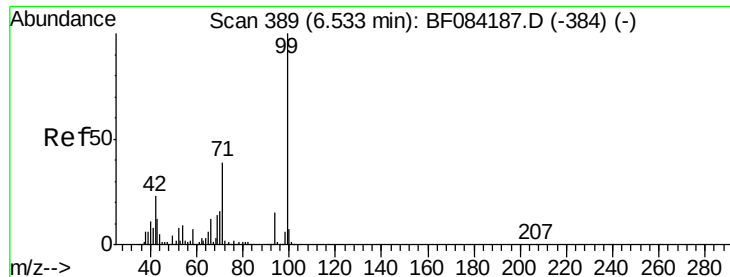


#5

2-Fluorophenol
Concen: 91.47 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.02 min
Lab File: BF084384.D
Acq: 11 Jan 2016 17:21

Tgt Ion:112 Resp: 1432420
Ion Ratio Lower Upper
112 100
64 67.0 36.6 55.0#
63 35.9 19.4 29.0#





#7

Phenol-d6

Concen: 87.76 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084384.D

Acq: 11 Jan 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB87733TB

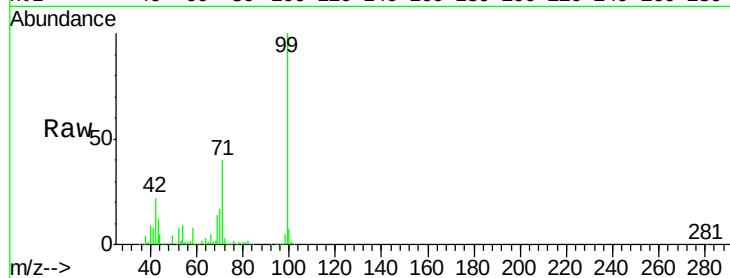
Tgt Ion: 99 Resp: 1726029

Ion Ratio Lower Upper

99 100

42 22.4 12.8 19.2#

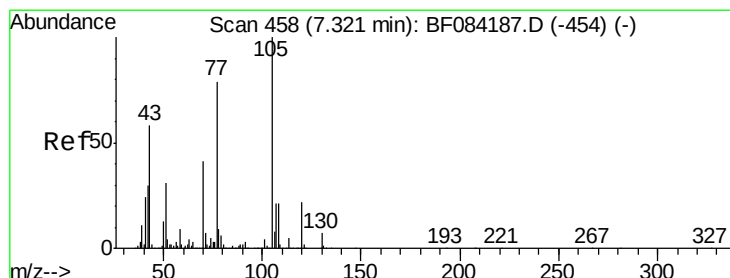
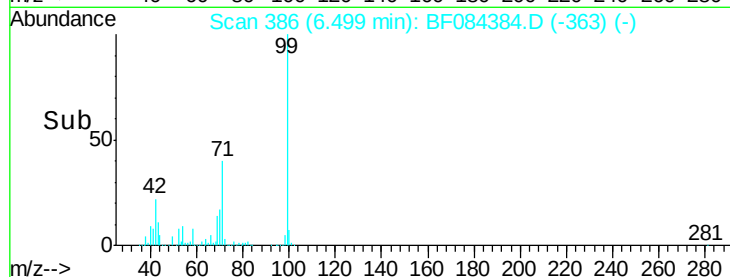
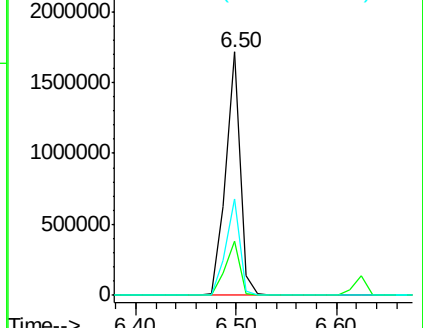
71 39.7 30.9 46.3



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: 13.62 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.10 min

Lab File: BF084384.D

Acq: 11 Jan 2016 17:21

Tgt Ion: 70 Resp: 181400

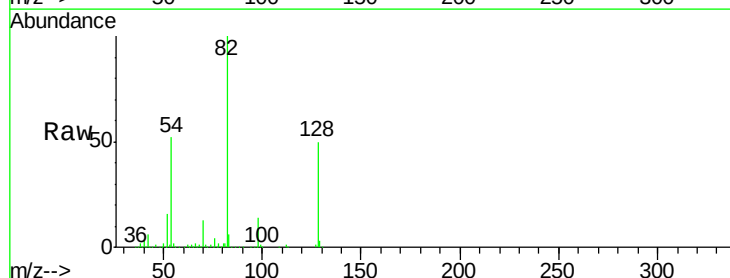
Ion Ratio Lower Upper

70 100

42 44.7 33.3 49.9

101 0.0 9.3 13.9#

130 2.7 23.4 35.0#

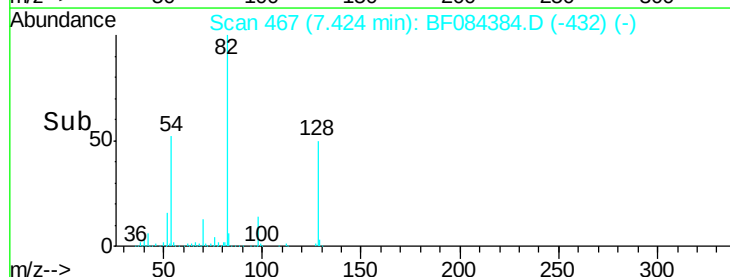
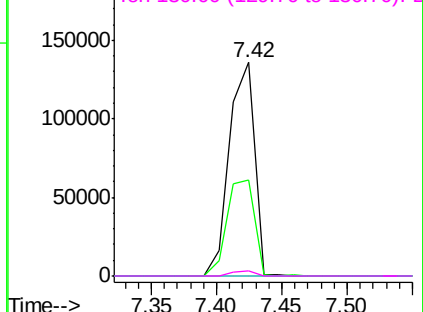


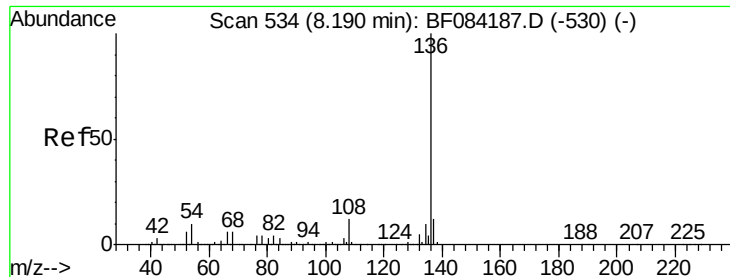
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

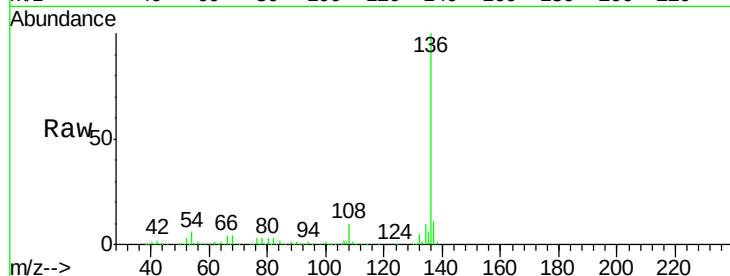




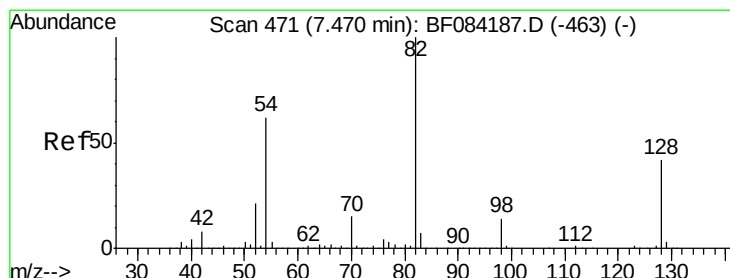
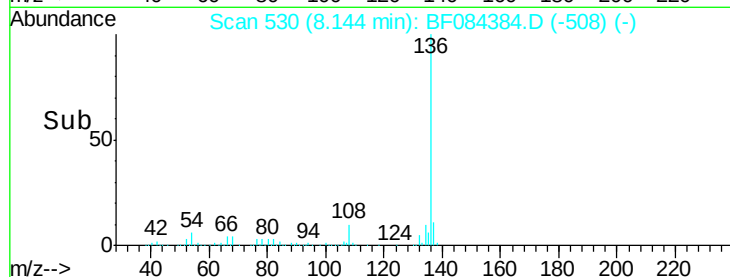
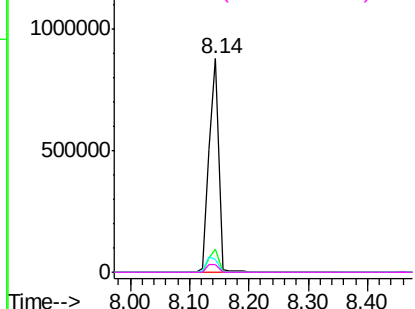
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084384.D
Acq: 11 Jan 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB87733TB

Tgt Ion:	136	Resp:	982522
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.2	5.8	8.8
68	3.5	4.2	6.2#

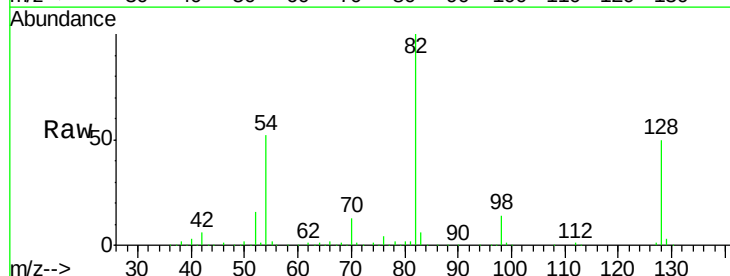


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

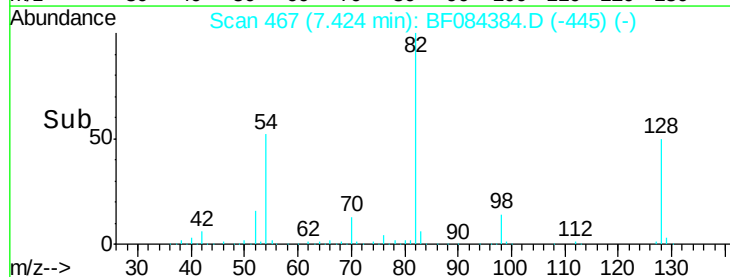
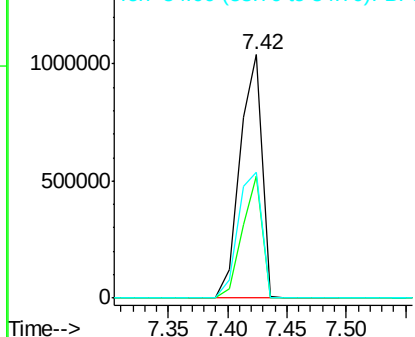


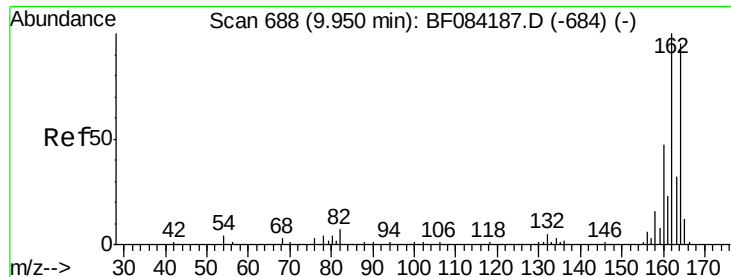
#23
Nitrobenzene-d5
Concen: 75.75 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.05 min
Lab File: BF084384.D
Acq: 11 Jan 2016 17:21

Tgt Ion:	82	Resp:	1337196
Ion	Ratio	Lower	Upper
82	100		
128	50.3	34.6	51.8
54	51.8	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: BF084384.D

Acq: 11 Jan 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB87733TB

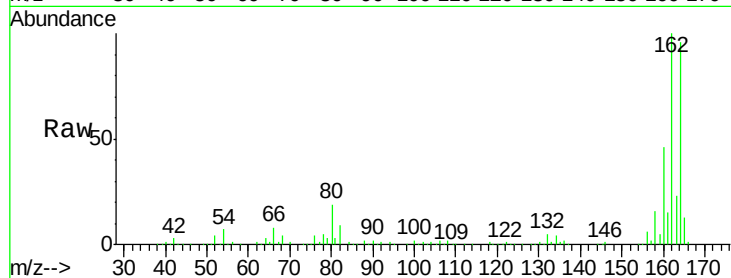
Tgt Ion:164 Resp: 438733

Ion Ratio Lower Upper

164 100

162 104.6 85.1 127.7

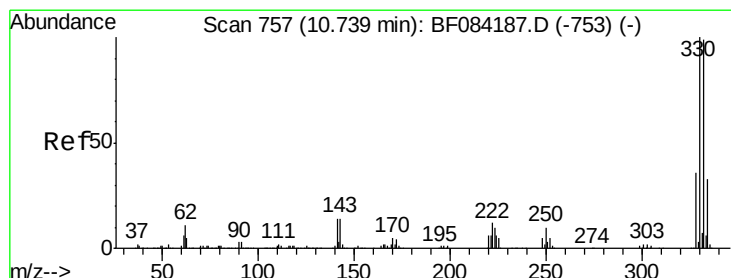
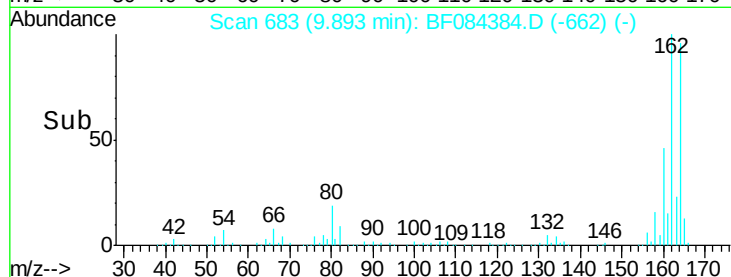
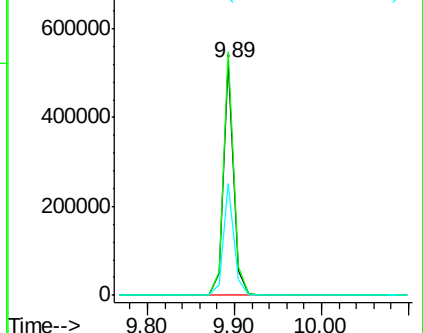
160 47.8 37.5 56.3



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: 89.50 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.06 min

Lab File: BF084384.D

Acq: 11 Jan 2016 17:21

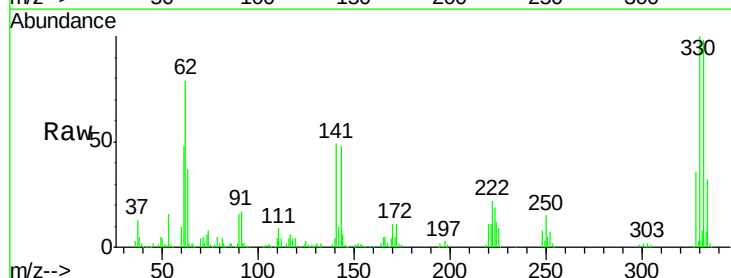
Tgt Ion:330 Resp: 396445

Ion Ratio Lower Upper

330 100

332 98.0 76.6 114.8

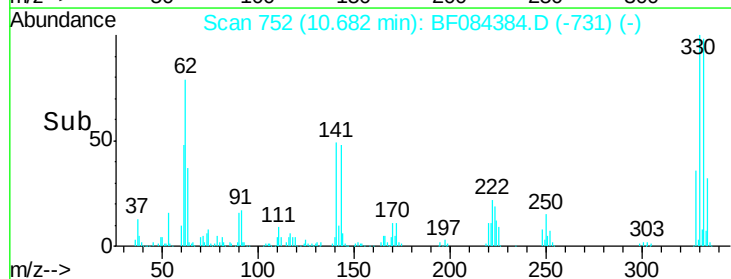
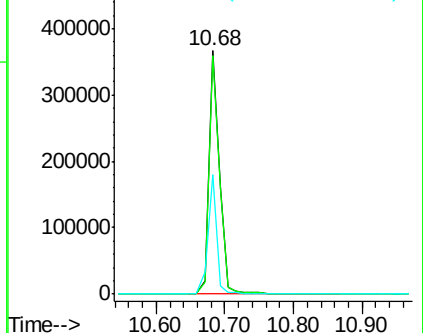
141 40.8 27.8 41.6

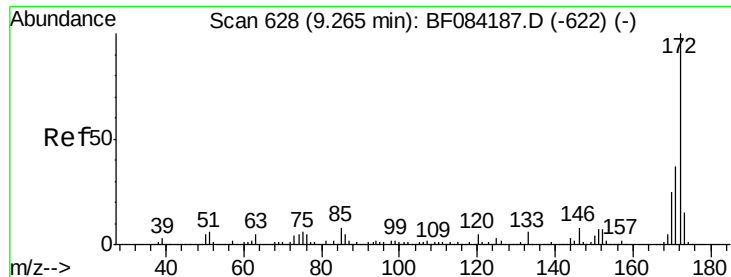


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

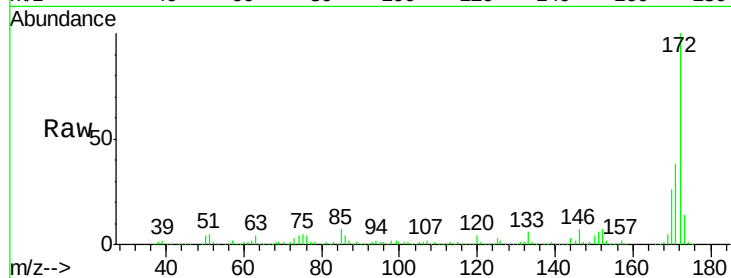




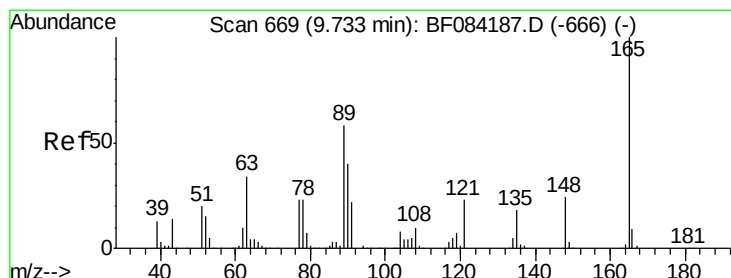
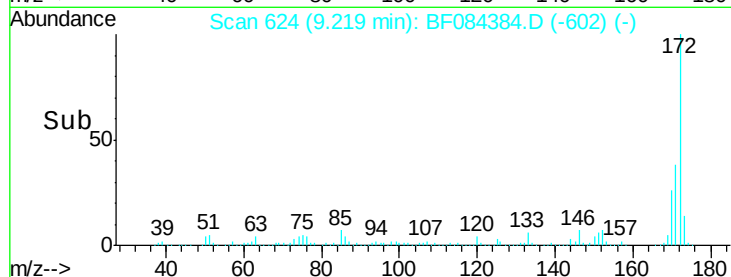
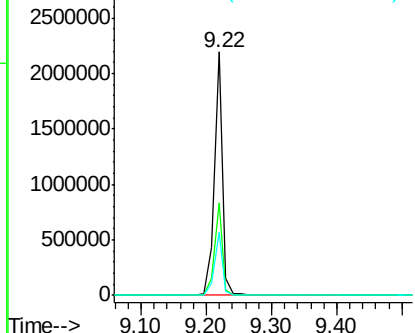
#44
 2-Fluorobiphenyl
 Concen: 78.17 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084384.D
 Acq: 11 Jan 2016 17:21

Instrument :
 BNA_F
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 PB87733TB

Tgt Ion:172 Resp: 1962208
 Ion Ratio Lower Upper
 172 100
 171 38.0 28.9 43.3
 170 26.2 18.6 27.8

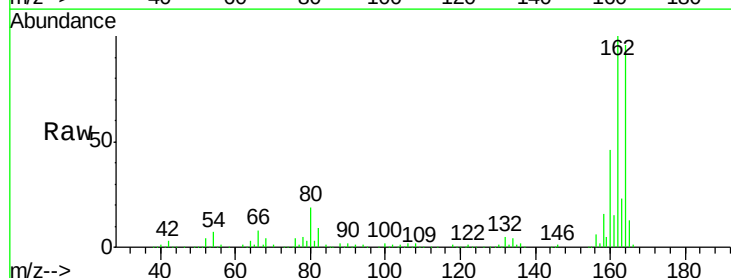


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

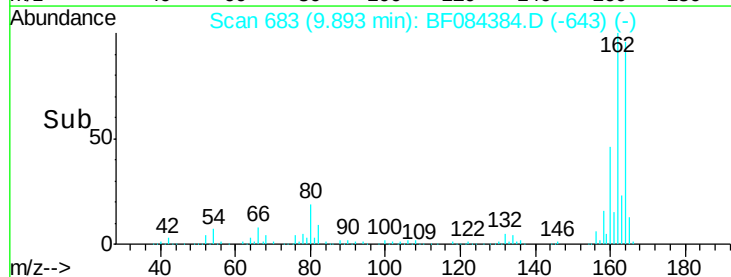
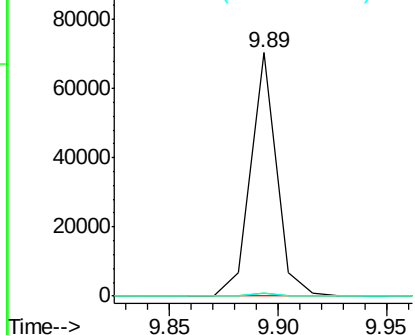


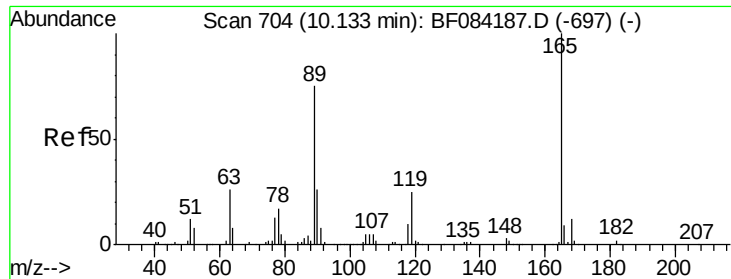
#50
 2,6-Dinitrotoluene
 Concen: 8.44 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.16 min
 Lab File: BF084384.D
 Acq: 11 Jan 2016 17:21

Tgt Ion:165 Resp: 58027
 Ion Ratio Lower Upper
 165 100
 63 1.0 28.8 43.2#
 89 1.2 35.1 52.7#



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

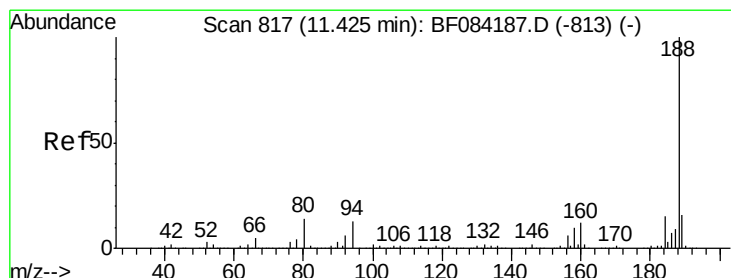
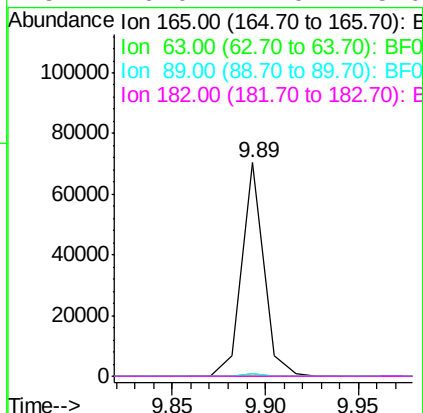
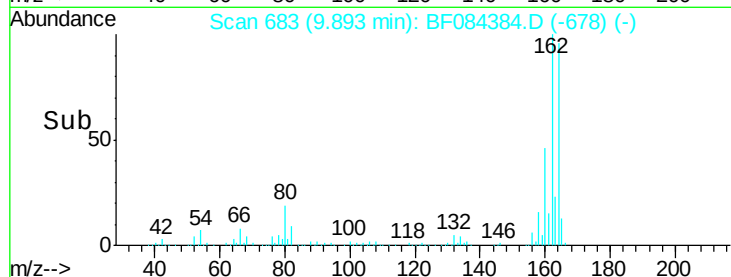
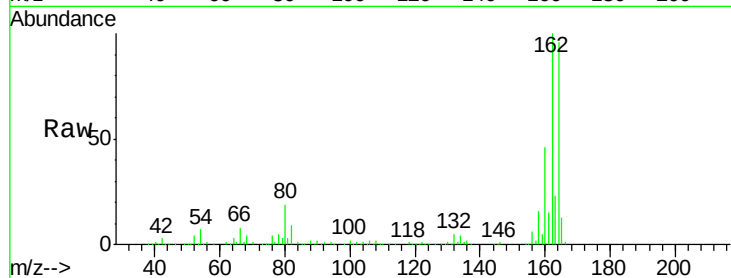




#56
 2,4-Dinitrotoluene
 Concen: 6.67 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.24 min
 Lab File: BF084384.D
 Acq: 11 Jan 2016 17:21

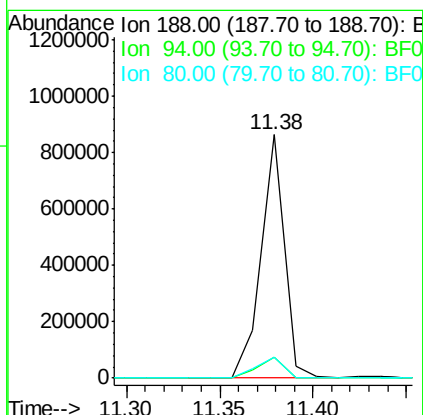
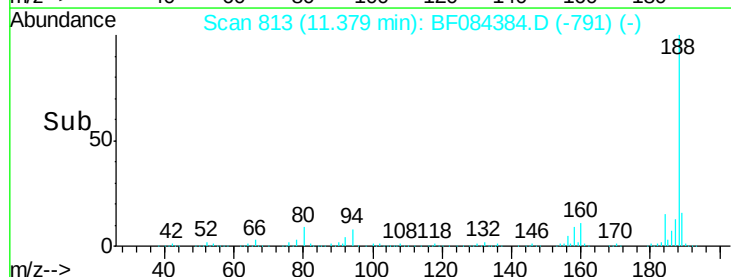
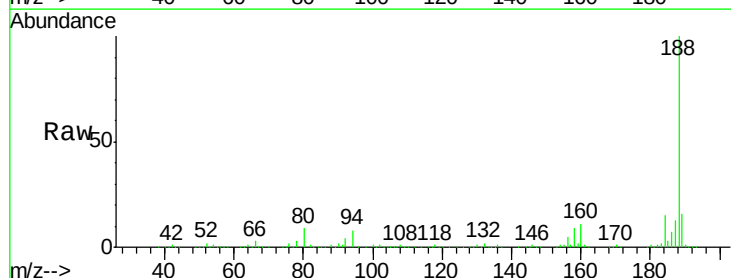
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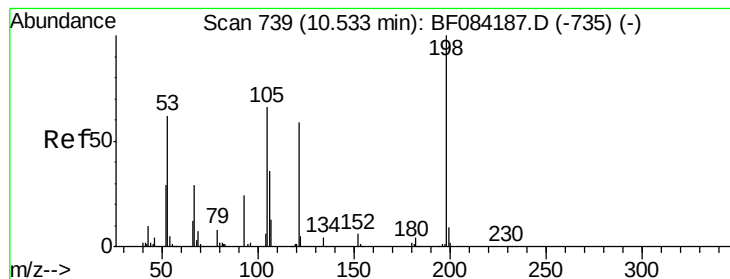
Tgt Ion:165 Resp: 58029
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.7 55.1#
 89 1.2 61.9 92.9#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.05 min
 Lab File: BF084384.D
 Acq: 11 Jan 2016 17:21

Tgt Ion:188 Resp: 740620
 Ion Ratio Lower Upper
 188 100
 94 8.4 9.0 13.4#
 80 8.6 9.6 14.4#





#64

4,6-Dinitro-2-methylphenol

Concen: 6.56 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.15 min

Lab File: BF084384.D

Acq: 11 Jan 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB87733TB

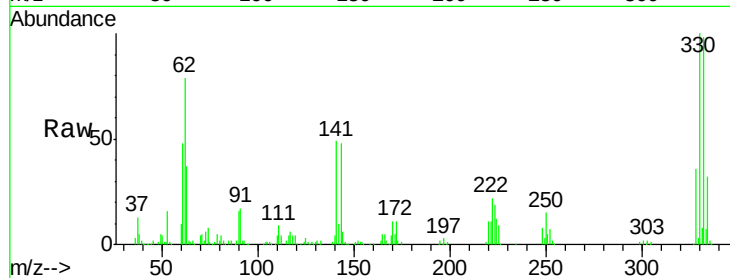
Tgt Ion:198 Resp: 802

Ion Ratio Lower Upper

198 100

51 206.4 18.9 58.9#

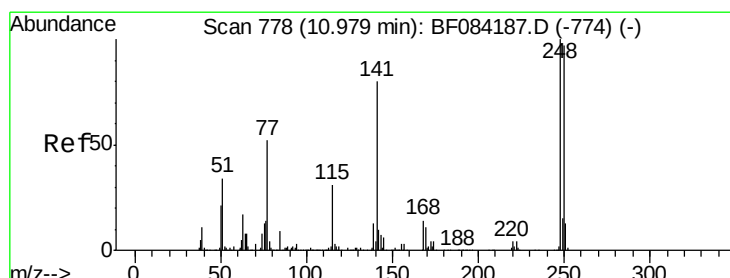
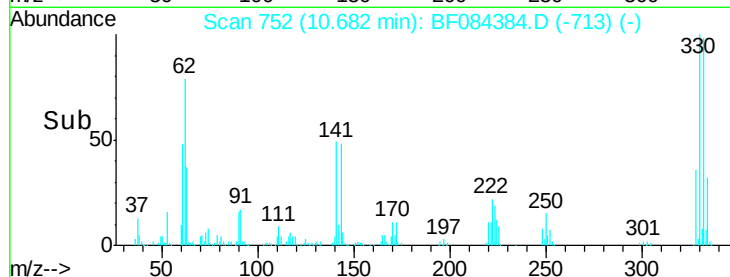
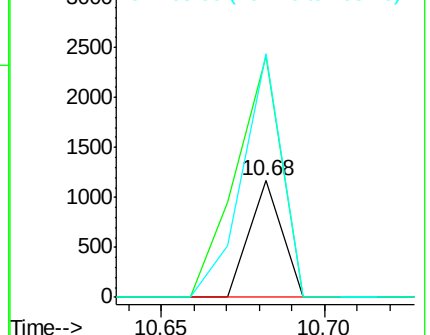
105 208.6 26.4 66.4#



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: 3.17 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.30 min

Lab File: BF084384.D

Acq: 11 Jan 2016 17:21

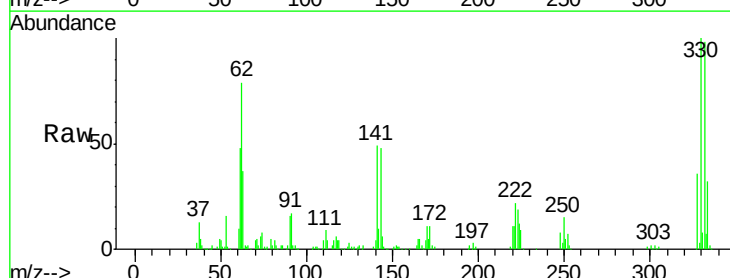
Tgt Ion:248 Resp: 25274

Ion Ratio Lower Upper

248 100

250 195.0 78.4 117.6#

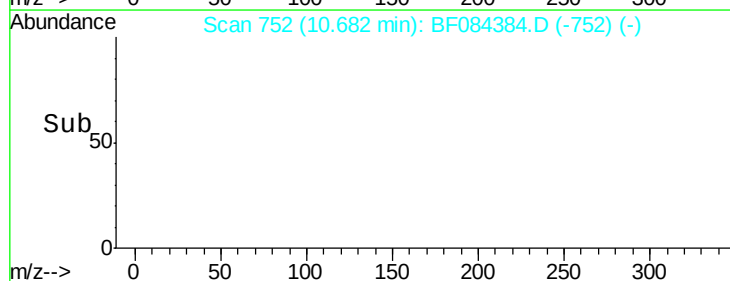
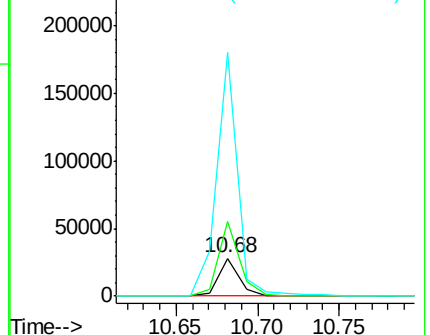
141 640.6 44.0 66.0#

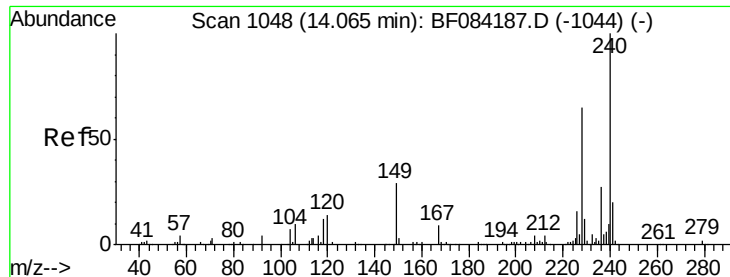


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF084384.D

Acq: 11 Jan 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB87733TB

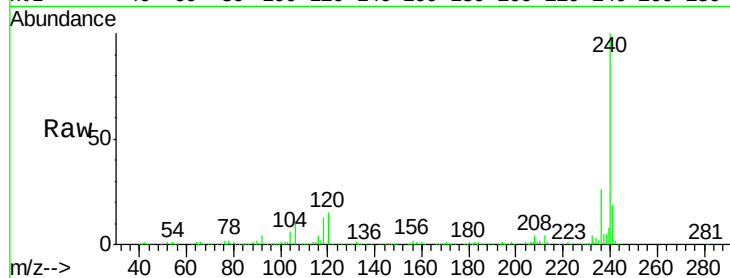
Tgt Ion:240 Resp: 476791

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

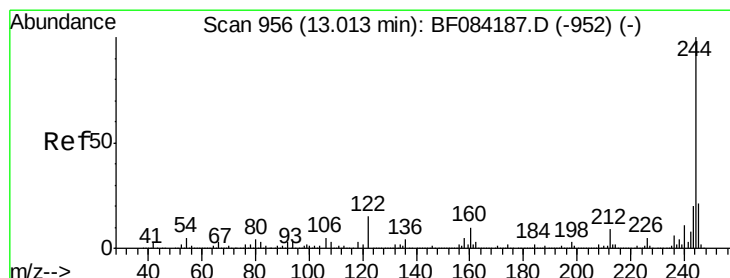
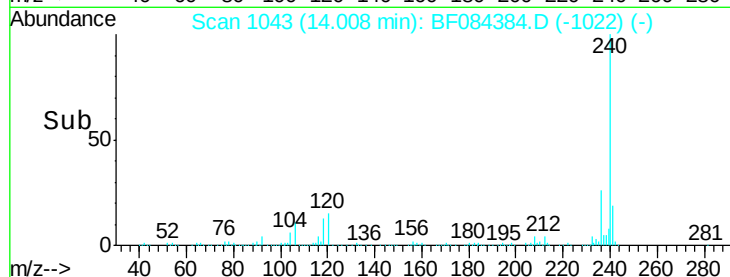
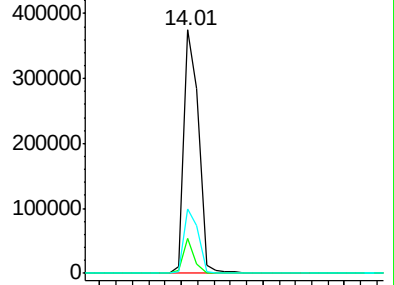
236 26.2 20.6 31.0



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: 75.61 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084384.D

Acq: 11 Jan 2016 17:21

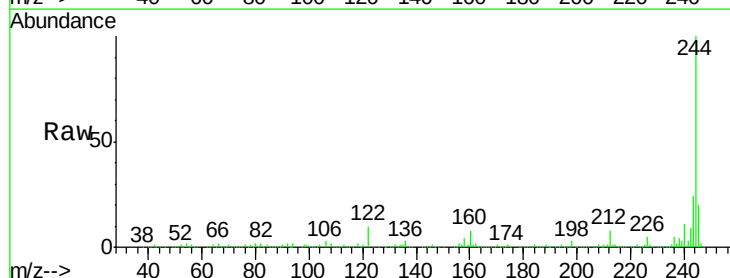
Tgt Ion:244 Resp: 1614961

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

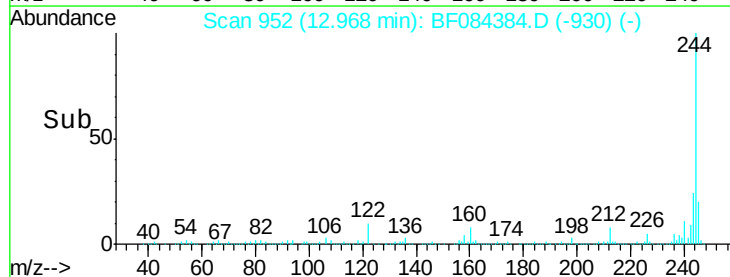
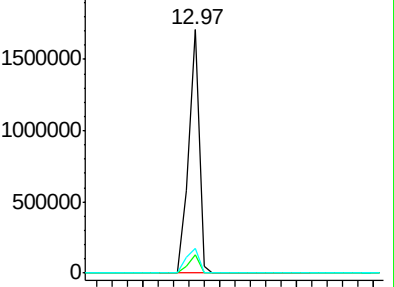
122 10.1 7.4 11.0

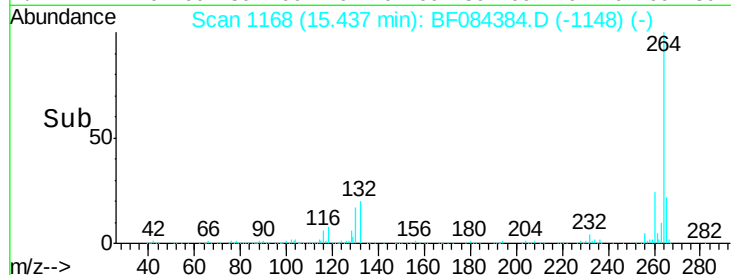
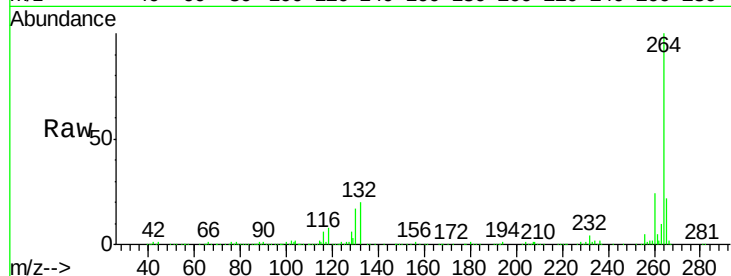
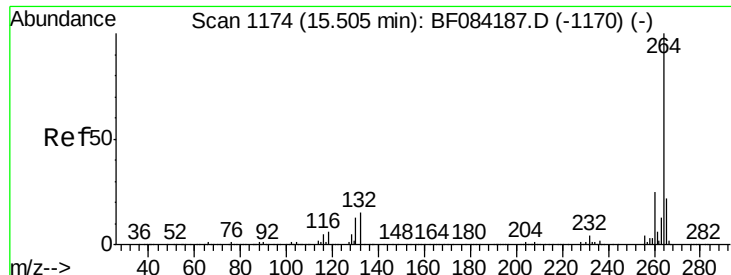


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF084384.D
Acq: 11 Jan 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB87733TB

Tgt Ion:	264	Resp:	407130
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.0	17.8	26.6

