

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
 Data File : BF084256.D
 Acq On : 5 Jan 2016 00:51
 Operator : UM/SJ
 Sample : PB87631TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87631TB

Quant Time: Jan 05 03:43:51 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

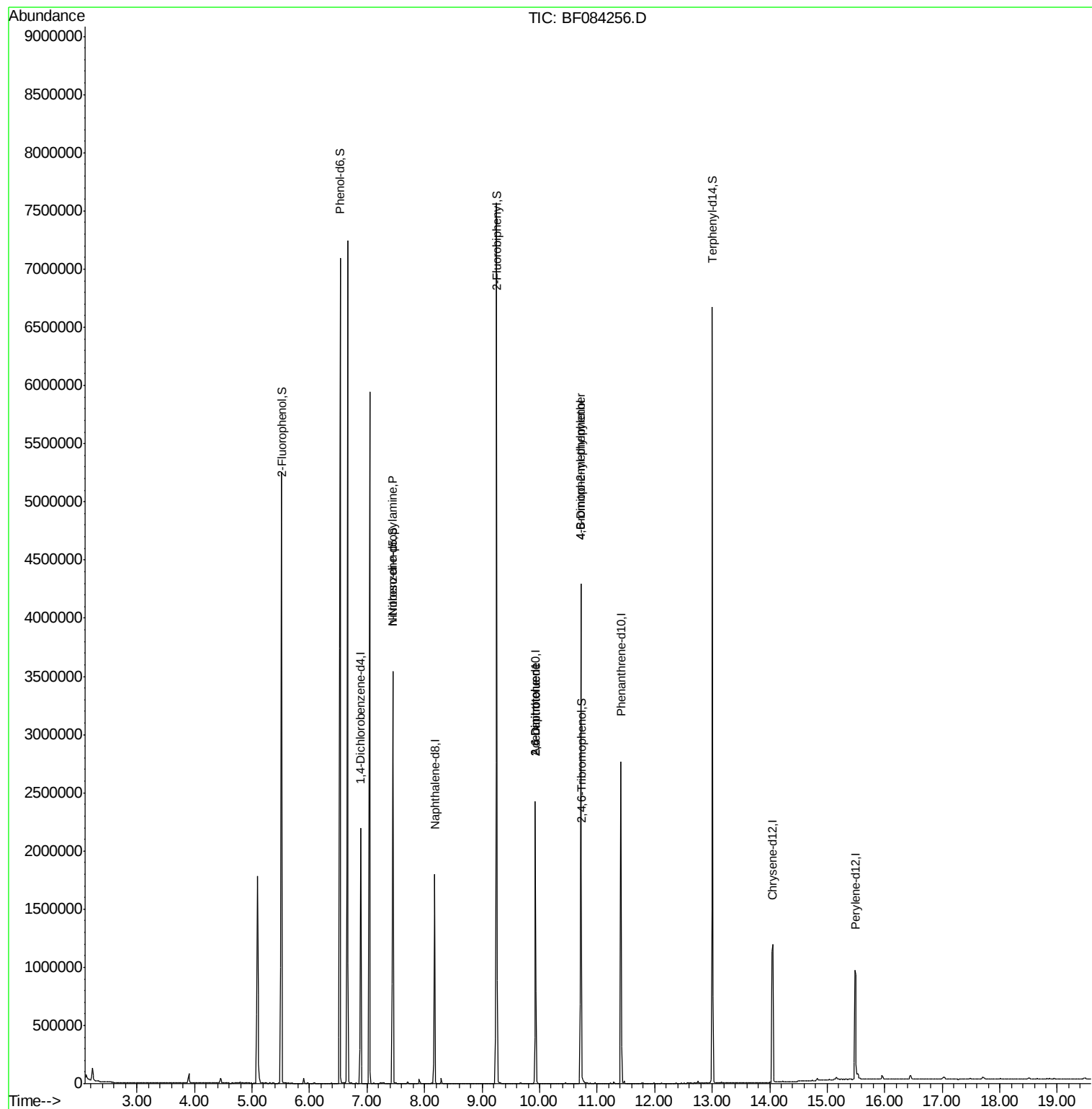
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	285274	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1162736	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	519164	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	926921	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	613216	20.00	ng	-0.01
86) Perylene-d12	15.49	264	559879	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2122523	120.34	ng	0.02
7) Phenol-d6	6.53	99	2504205	113.05	ng	0.00
23) Nitrobenzene-d5	7.45	82	1629700	78.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	597079	113.92	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2523778	85.56	ng	-0.01
78) Terphenyl-d14	13.00	244	1905655	69.37	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	224194	14.95	ng	# 69
50) 2,6-Dinitrotoluene	9.93	165	67570	8.30	ng	# 37
56) 2,4-Dinitrotoluene	9.93	165	67573	6.56	ng	# 21
57) Fluorene	10.72	166	21787	Below Cal		# 82
64) 4,6-Dinitro-2-methylphenol	10.72	198	1300	6.59	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	35996	3.61	ng	# 1
73) Di-n-butylphthalate	11.99	149	330	Below Cal		# 79

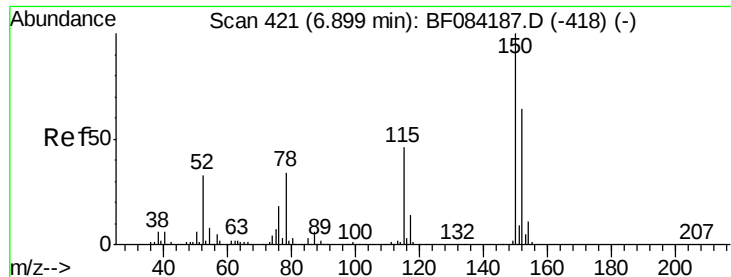
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 05 03:43:51 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084256.D

Acq: 5 Jan 2016 00:51

Instrument :

BNA_F

ClientSampleId :

PB87631TB

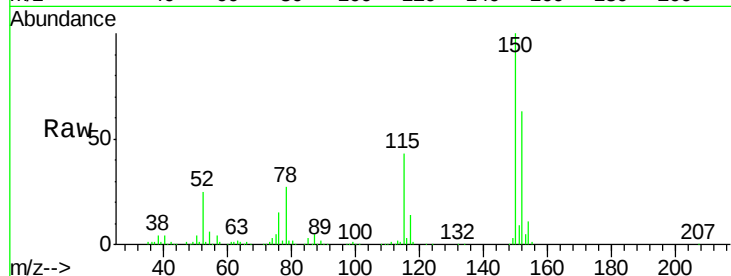
Tgt Ion:152 Resp: 285274

Ion Ratio Lower Upper

152 100

150 157.5 123.0 184.4

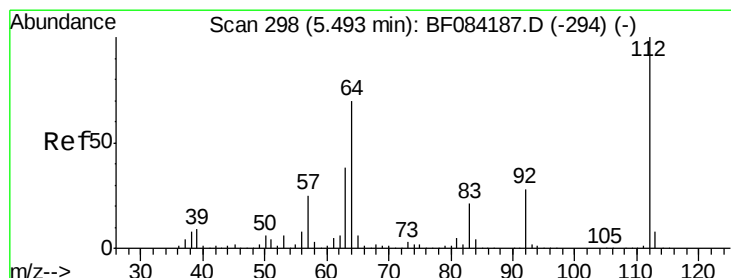
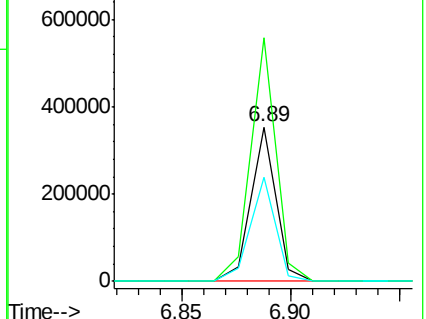
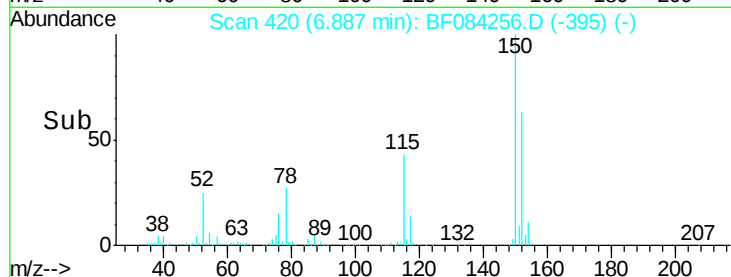
115 67.5 51.4 77.2



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: 120.34 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF084256.D

Acq: 5 Jan 2016 00:51

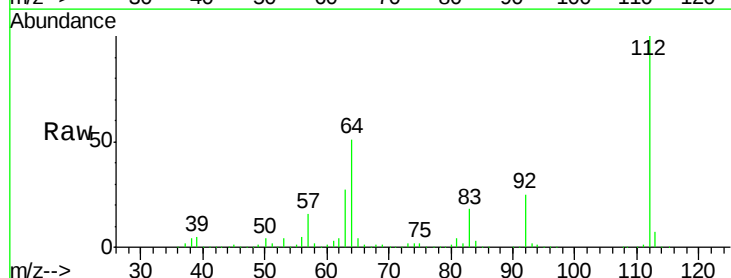
Tgt Ion:112 Resp: 2122523

Ion Ratio Lower Upper

112 100

64 50.7 36.6 55.0

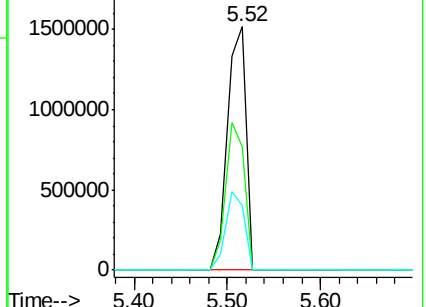
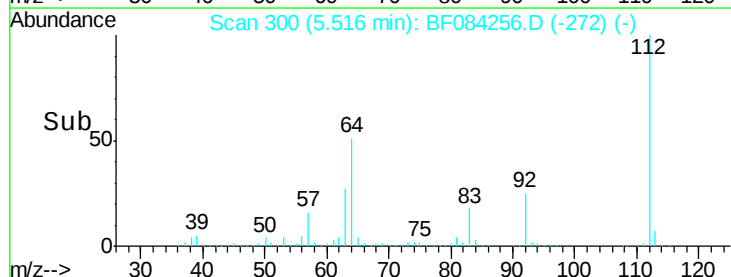
63 26.7 19.4 29.0



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: 113.05 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084256.D

Acq: 5 Jan 2016 00:51

Instrument :

BNA_F

ClientSampleId :

PB87631TB

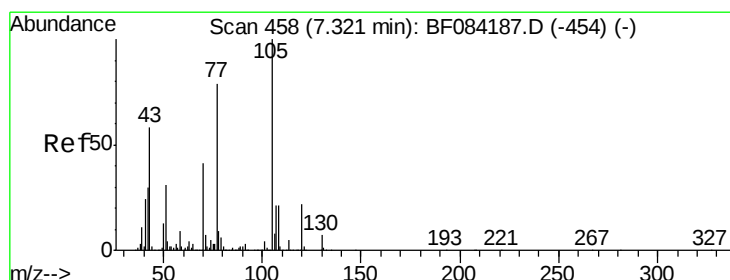
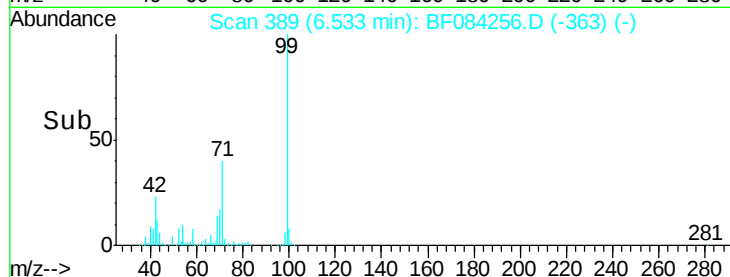
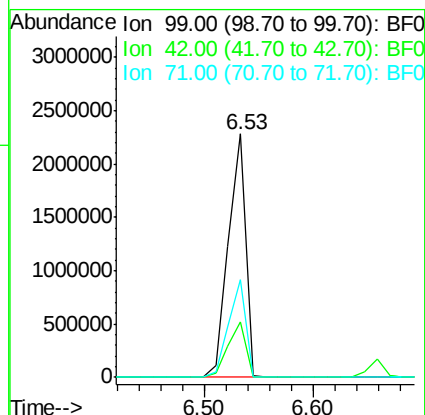
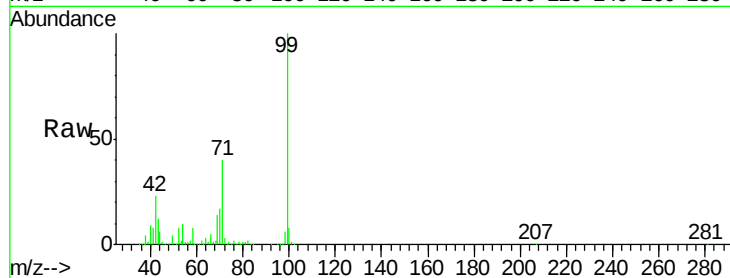
Tgt Ion: 99 Resp: 2504205

Ion Ratio Lower Upper

99 100

42 23.0 12.8 19.2#

71 40.1 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.95 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.13 min

Lab File: BF084256.D

Acq: 5 Jan 2016 00:51

Tgt Ion: 70 Resp: 224194

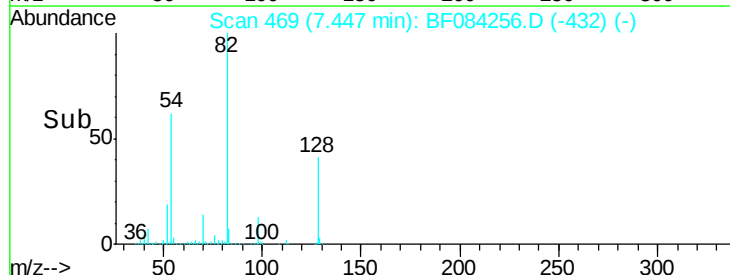
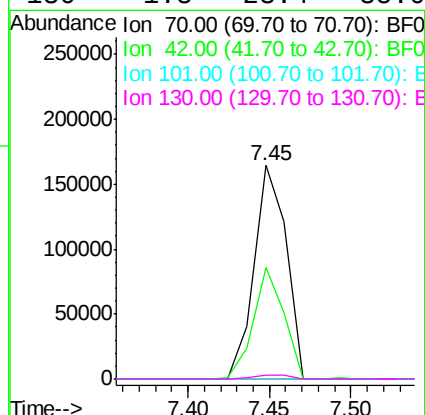
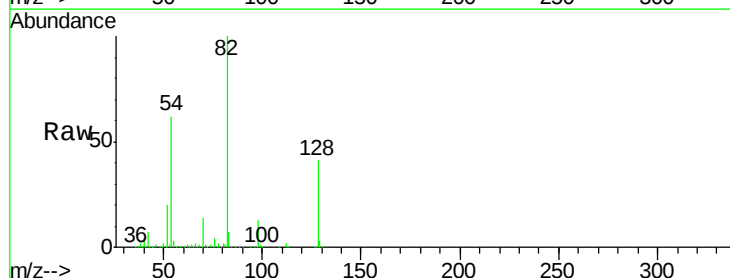
Ion Ratio Lower Upper

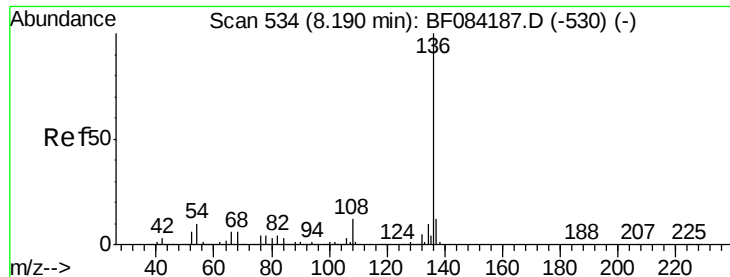
70 100

42 52.2 33.3 49.9#

101 0.0 9.3 13.9#

130 1.8 23.4 35.0#

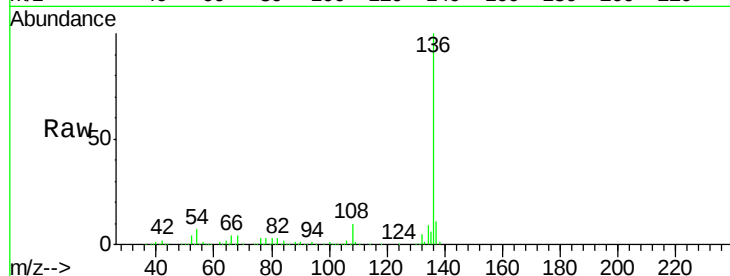




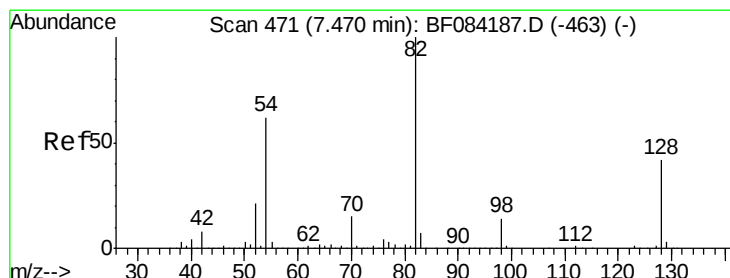
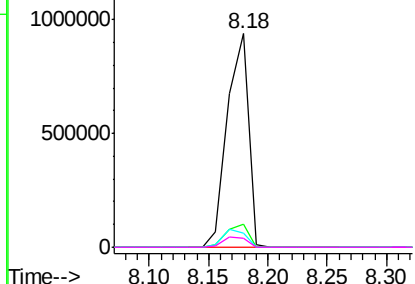
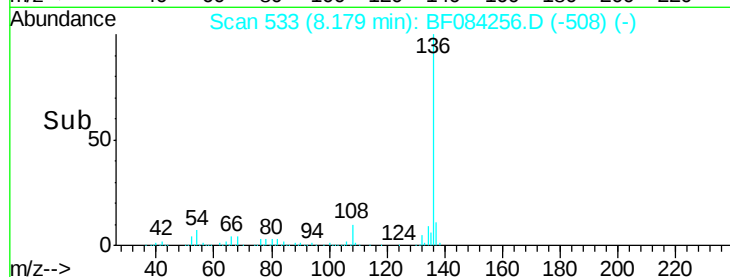
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF084256.D
Acq: 5 Jan 2016 00:51

Instrument :
BNA_F
ClientSampleId :
PB87631TB

Tgt Ion:136 Resp: 1162736
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 6.7 5.8 8.8
68 4.4 4.2 6.2

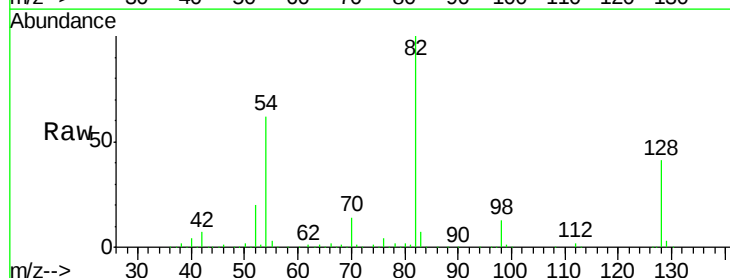


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

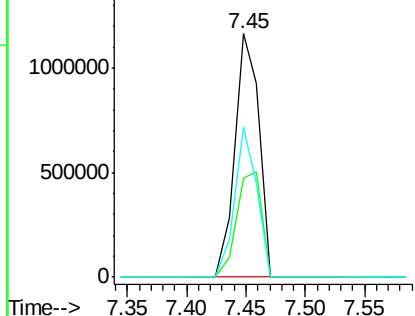
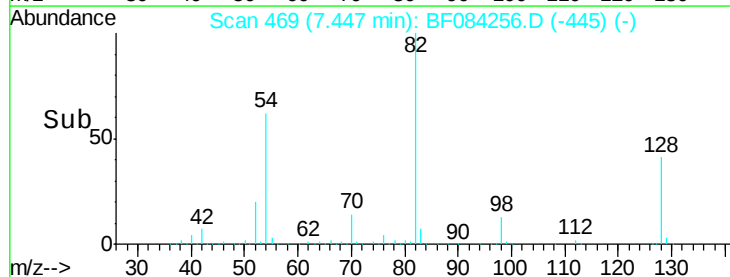


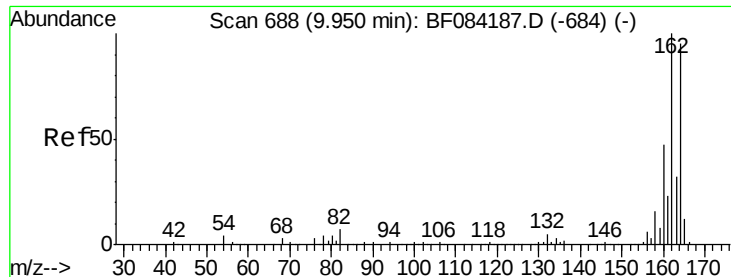
#23
Nitrobenzene-d5
Concen: 78.01 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF084256.D
Acq: 5 Jan 2016 00:51

Tgt Ion: 82 Resp: 1629700
Ion Ratio Lower Upper
82 100
128 40.7 34.6 51.8
54 61.9 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: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF084256.D

Acq: 5 Jan 2016 00:51

Instrument :

BNA_F

ClientSampleId :

PB87631TB

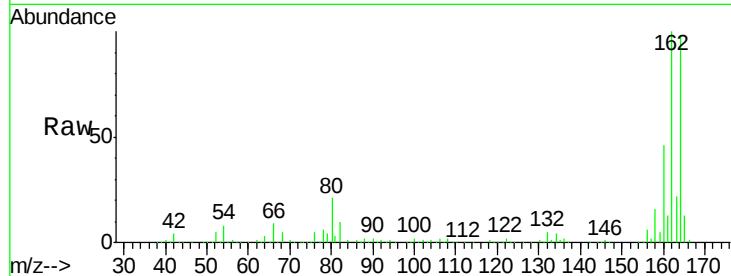
Tgt Ion:164 Resp: 519164

Ion Ratio Lower Upper

164 100

162 102.4 85.1 127.7

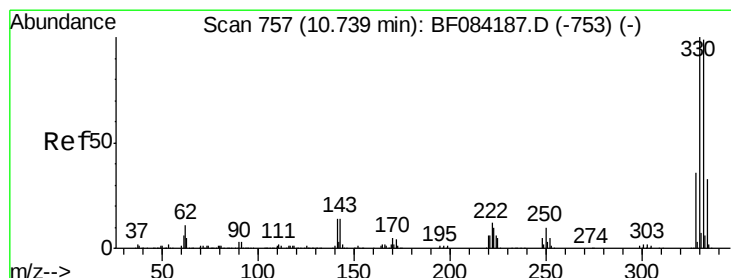
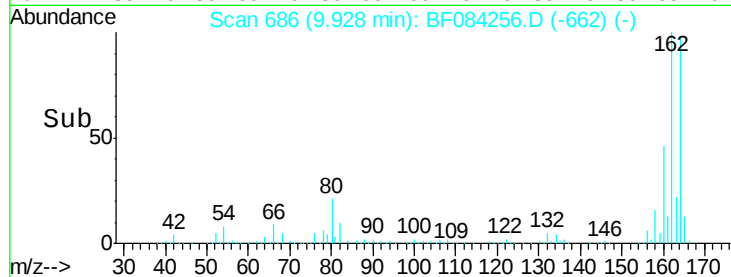
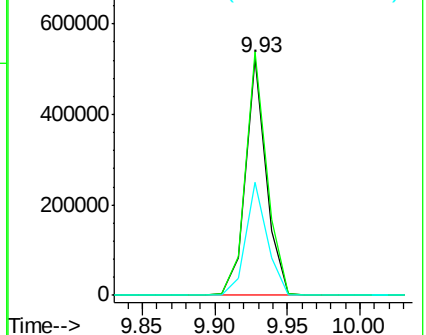
160 47.4 37.5 56.3



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: 113.92 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF084256.D

Acq: 5 Jan 2016 00:51

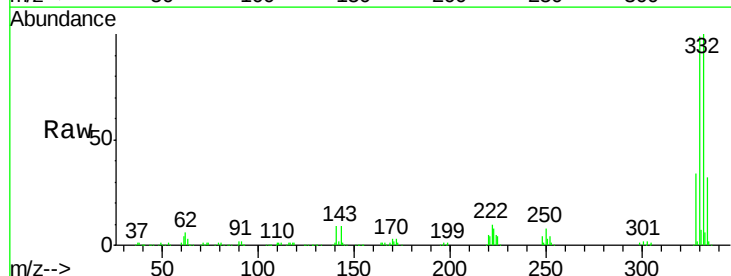
Tgt Ion:330 Resp: 597079

Ion Ratio Lower Upper

330 100

332 98.8 76.6 114.8

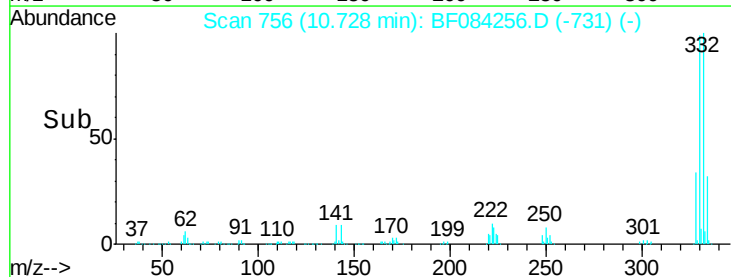
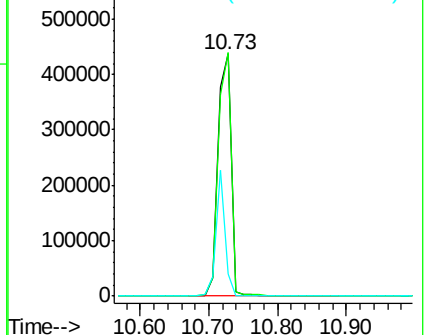
141 35.7 27.8 41.6

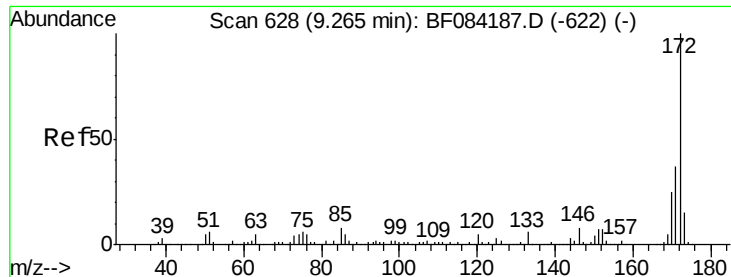


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

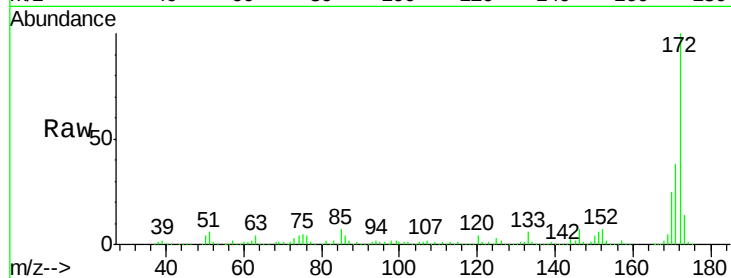




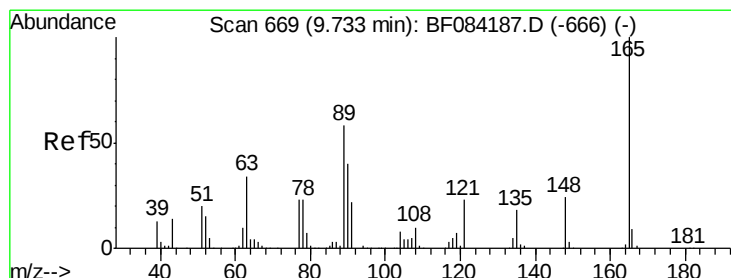
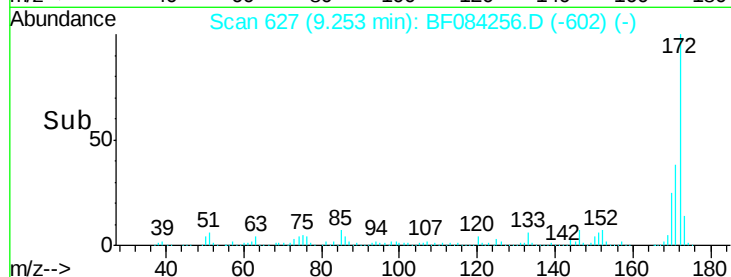
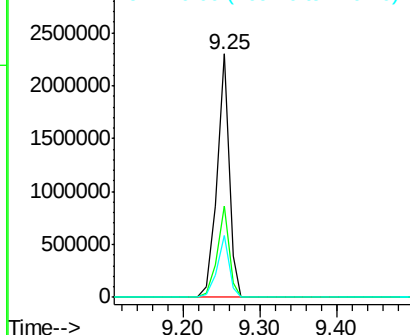
#44
 2-Fluorobiphenyl
 Concen: 85.56 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF084256.D
 Acq: 5 Jan 2016 00:51

Instrument :
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 PB87631TB

Tgt Ion:172 Resp: 2523778
 Ion Ratio Lower Upper
 172 100
 171 37.7 28.9 43.3
 170 25.4 18.6 27.8

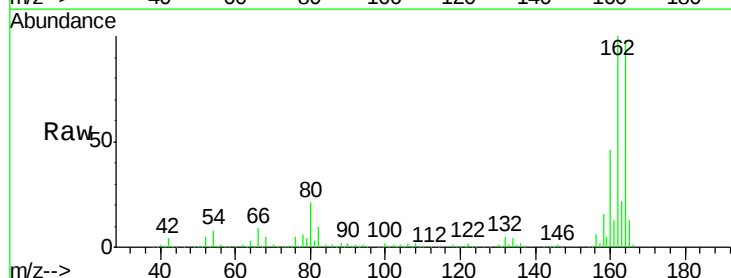


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

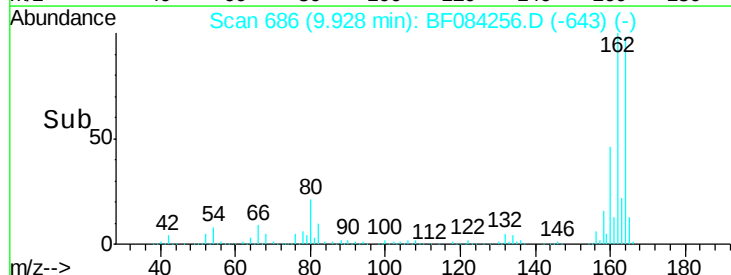
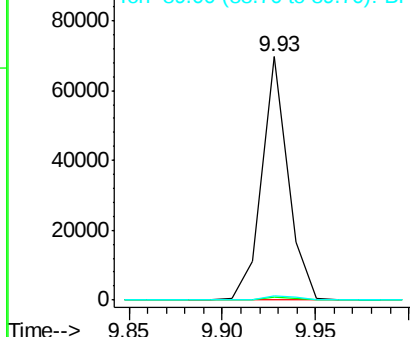


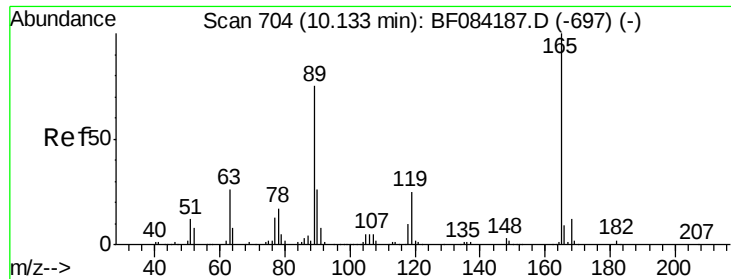
#50
 2,6-Dinitrotoluene
 Concen: 8.30 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.19 min
 Lab File: BF084256.D
 Acq: 5 Jan 2016 00:51

Tgt Ion:165 Resp: 67570
 Ion Ratio Lower Upper
 165 100
 63 1.0 28.8 43.2#
 89 1.6 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

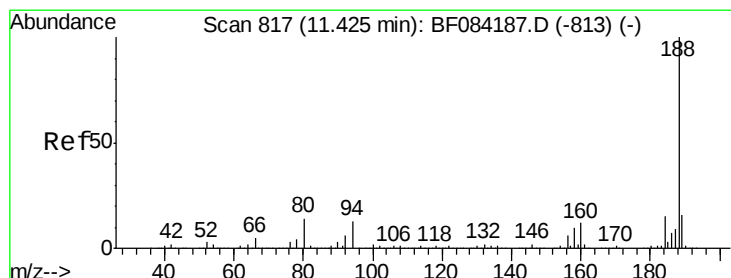
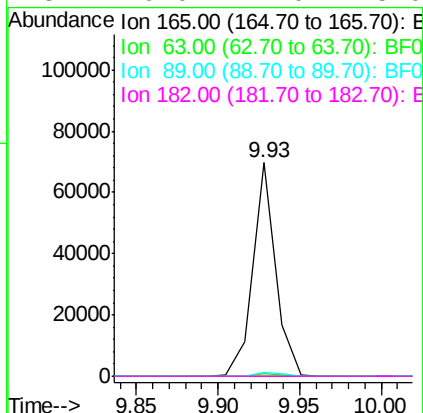
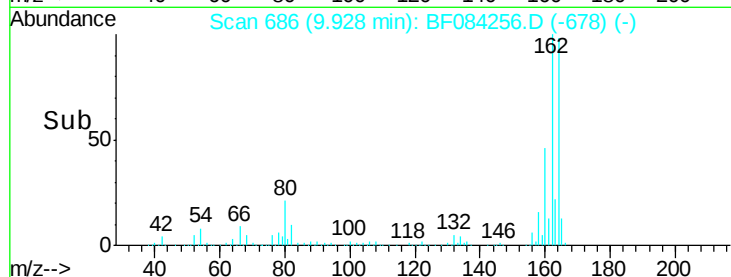
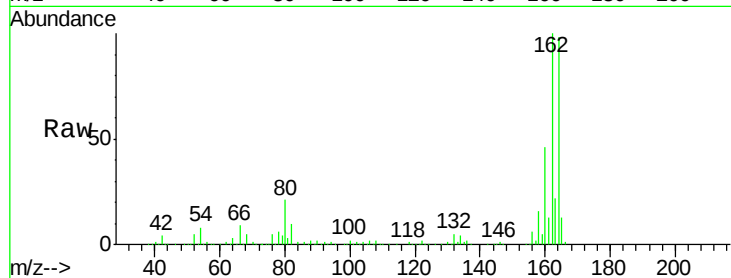




#56
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.21 min
Lab File: BF084256.D
Acq: 5 Jan 2016 00:51

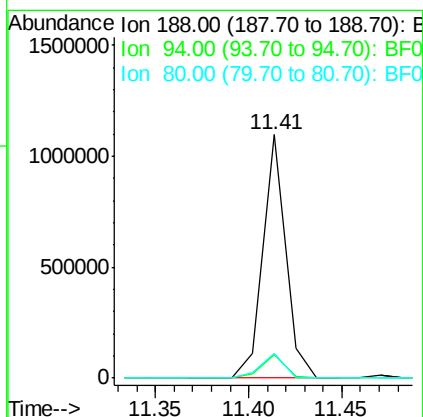
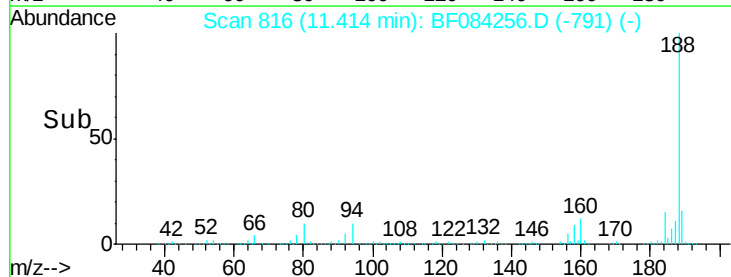
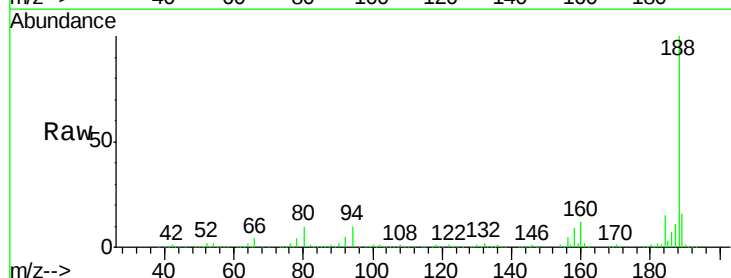
Instrument :
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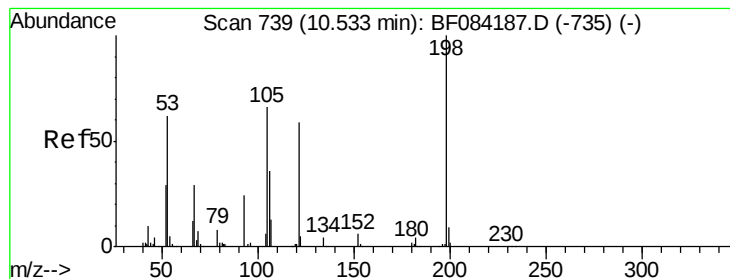
Tgt Ion:165 Resp: 67573
Ion Ratio Lower Upper
165 100
63 1.0 36.7 55.1#
89 1.6 61.9 92.9#
182 0.0 2.0 3.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF084256.D
Acq: 5 Jan 2016 00:51

Tgt Ion:188 Resp: 926921
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.4
80 10.2 9.6 14.4





#64

4,6-Dinitro-2-methylphenol

Concen: 6.59 ng

RT: 10.72 min Scan# 755

Delta R.T. 0.18 min

Lab File: BF084256.D

Acq: 5 Jan 2016 00:51

Instrument :

BNA_F

ClientSampleId :

PB87631TB

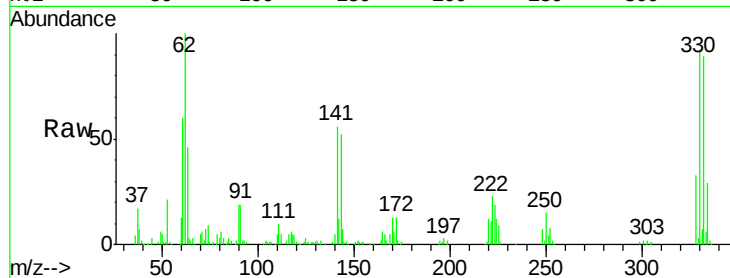
Tgt Ion:198 Resp: 1300

Ion Ratio Lower Upper

198 100

51 229.7 18.9 58.9#

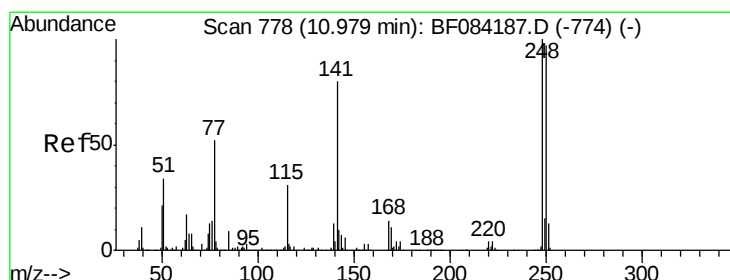
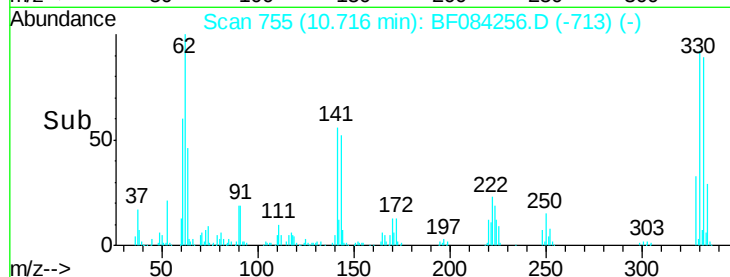
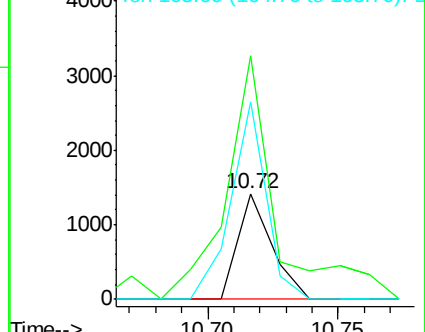
105 186.1 26.4 66.4#



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: 10.72 min Scan# 755

Delta R.T. -0.26 min

Lab File: BF084256.D

Acq: 5 Jan 2016 00:51

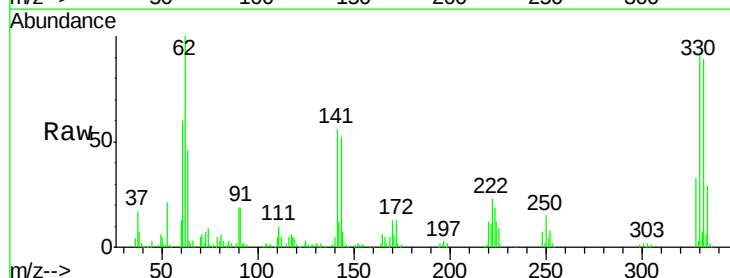
Tgt Ion:248 Resp: 35996

Ion Ratio Lower Upper

248 100

250 202.1 78.4 117.6#

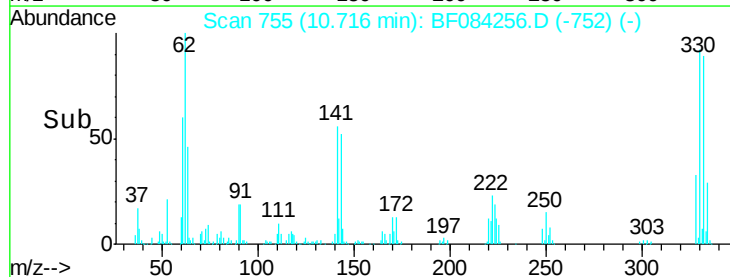
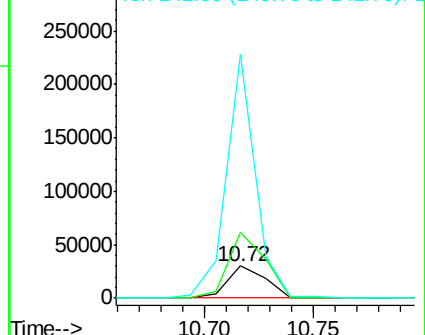
141 754.8 44.0 66.0#

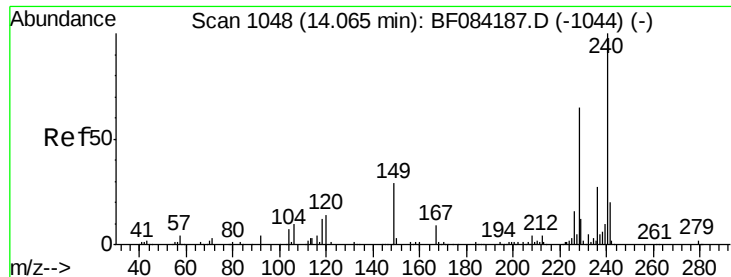


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084256.D

Acq: 5 Jan 2016 00:51

Instrument :

BNA_F

ClientSampleId :

PB87631TB

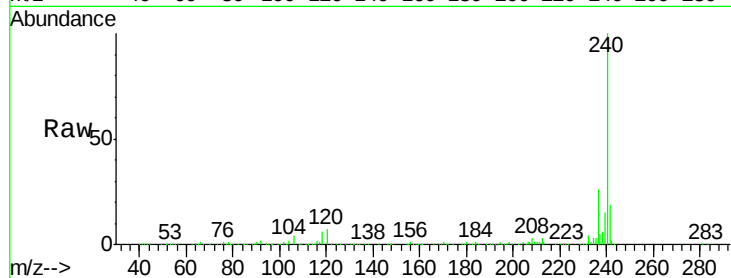
Tgt Ion:240 Resp: 613216

Ion Ratio Lower Upper

240 100

120 6.9 9.5 14.3#

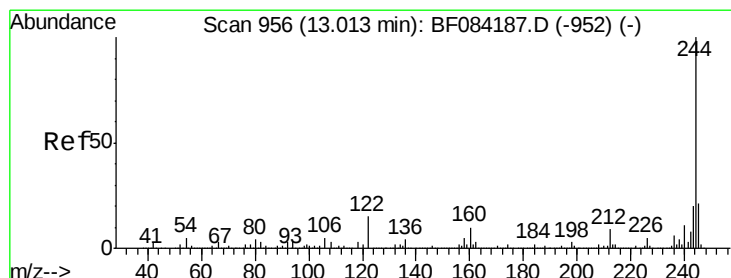
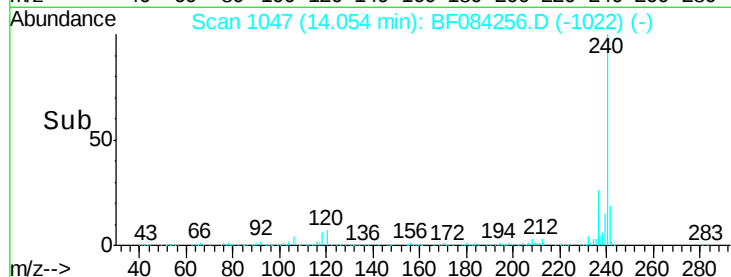
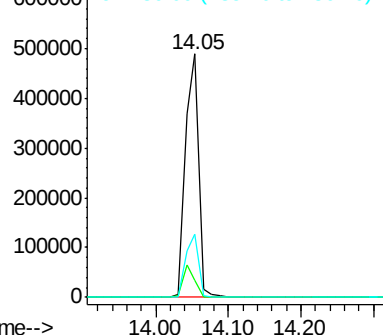
236 25.8 20.6 31.0



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: 69.37 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF084256.D

Acq: 5 Jan 2016 00:51

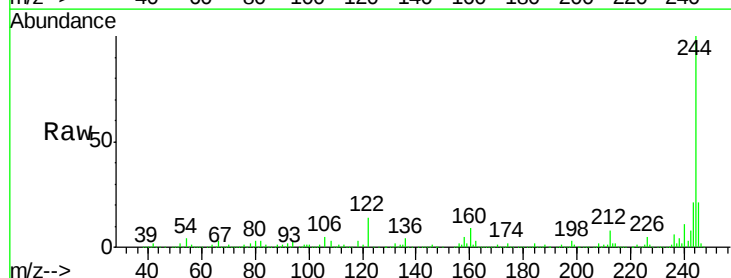
Tgt Ion:244 Resp: 1905655

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

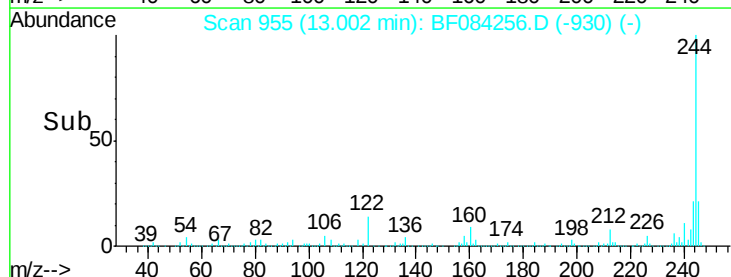
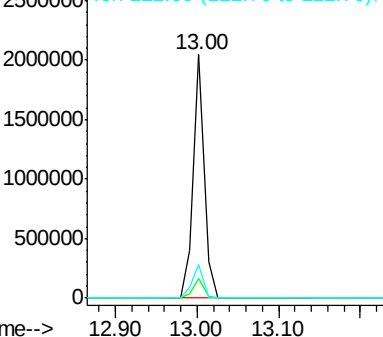
122 13.7 7.4 11.0#

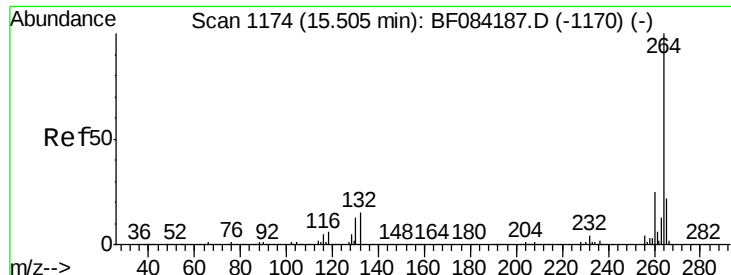


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

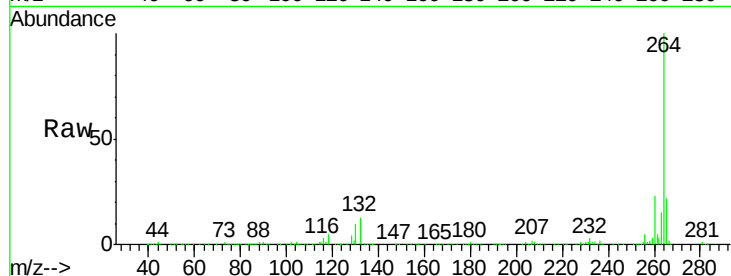




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF084256.D
Acq: 5 Jan 2016 00:51

Instrument :
BNA_F
ClientSampleId :
PB87631TB

Tgt Ion: 264 Resp: 559879
Ion Ratio Lower Upper
264 100
260 22.7 19.4 29.2
265 21.5 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

