

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081342.D
 Acq On : 2 Sep 2015 11:50
 Operator : UM/IZ
 Sample : PB85323BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85323BL

Quant Time: Sep 02 22:59:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 22:52:41 2015
 Response via : Initial Calibration

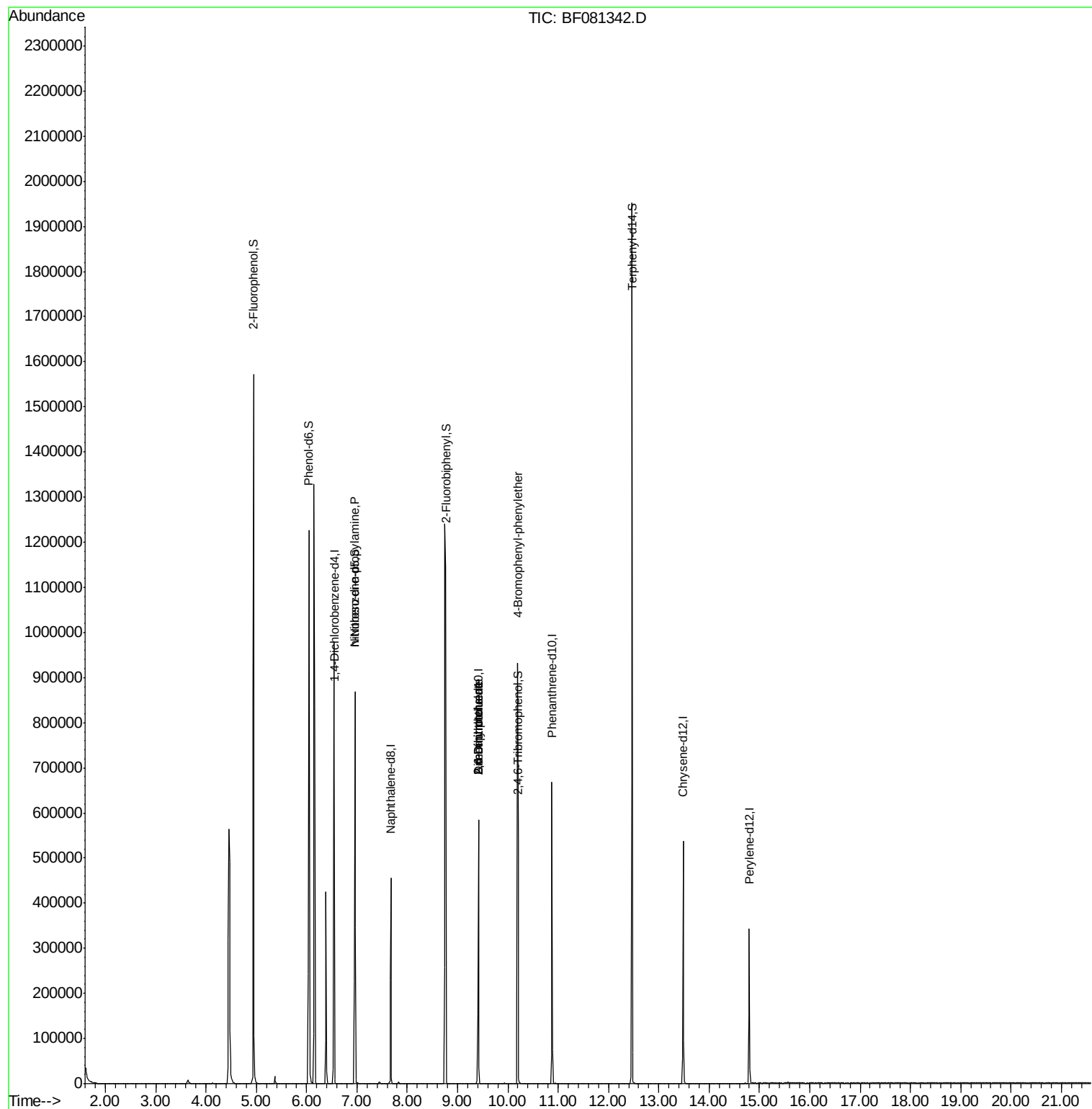
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	202647	20.00	ng	0.16
21) Naphthalene-d8	7.68	136	235287	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	116940	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	227104	20.00	ng	0.00
75) Chrysene-d12	13.49	240	182198	20.00	ng	-0.01
86) Perylene-d12	14.80	264	142344	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	438303	33.56	ng	0.02
7) Phenol-d6	6.04	99	604692	34.98	ng	-0.01
23) Nitrobenzene-d5	6.96	82	336359	68.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.20	330	121612	116.80	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	633727	69.45	ng	0.00
78) Terphenyl-d14	12.47	244	598427	76.46	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.96	70	43558	3.70	ng	# 65
49) Dimethylphthalate	9.42	163	33835	3.72	ng	# 1
50) 2,6-Dinitrotoluene	9.42	165	14060	6.82	ng	# 37
56) 2,4-Dinitrotoluene	9.42	165	14060	5.35	ng	# 31
66) 4-Bromophenyl-phenylether	10.19	248	8446	3.68	ng	# 1

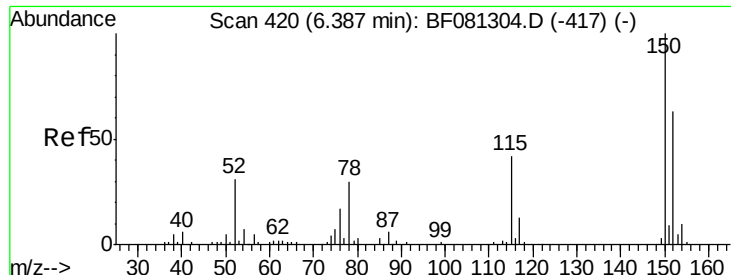
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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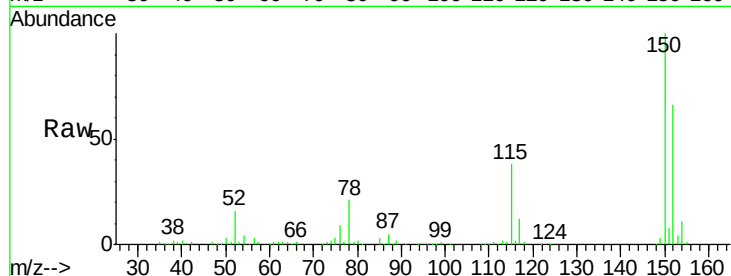


#1

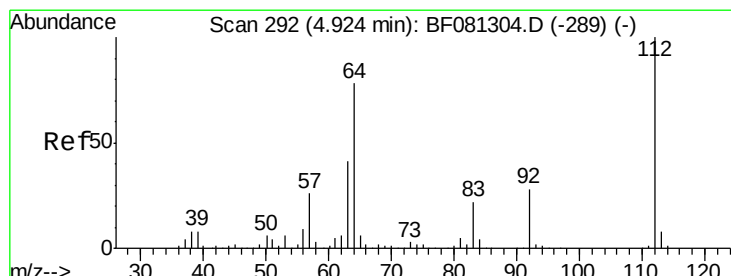
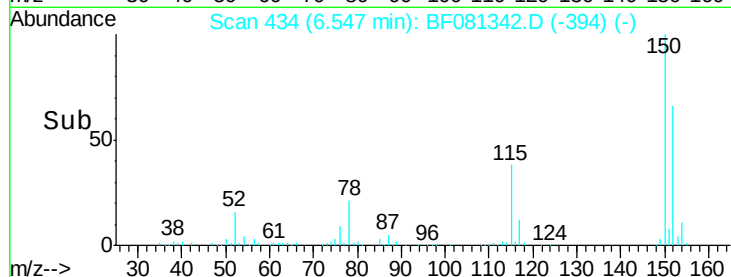
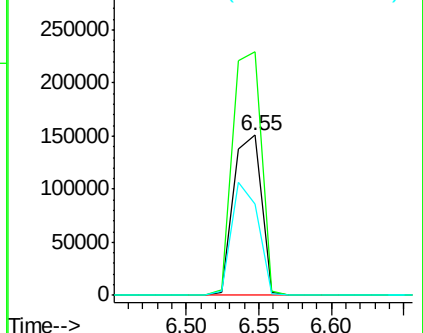
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.16 min
Lab File: BF081342.D
Acq: 2 Sep 2015 11:50

Instrument :
BNA_F
ClientSampleId :
PB85323BL

Tot Ion:152 Resp: 202647
Ion Ratio Lower Upper
152 100
150 151.9 124.7 187.1
115 57.2 39.0 58.4



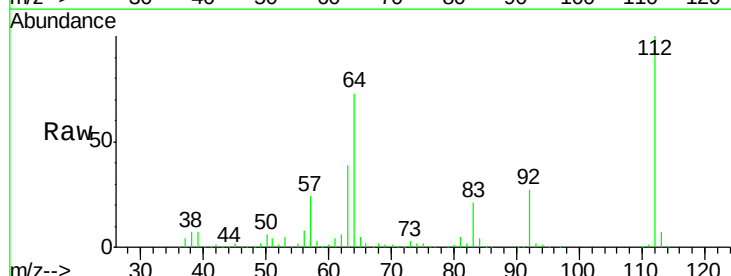
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



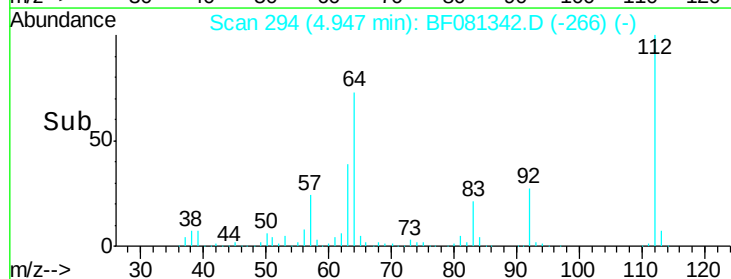
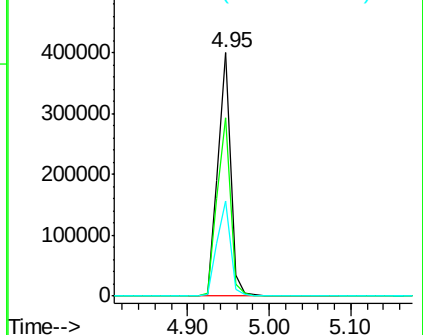
#5

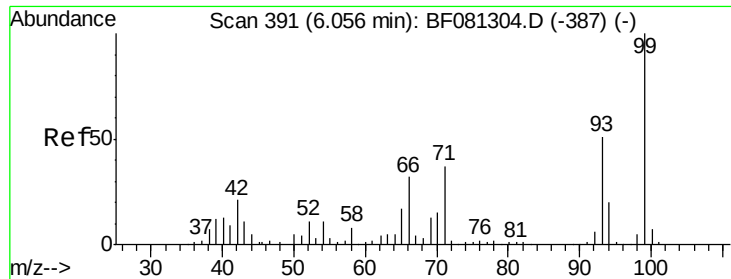
2-Fluorophenol
Concen: 33.56 ng
RT: 4.95 min Scan# 294
Delta R.T. 0.02 min
Lab File: BF081342.D
Acq: 2 Sep 2015 11:50

Tgt Ion:112 Resp: 438303
Ion Ratio Lower Upper
112 100
64 73.2 39.7 59.5#
63 38.8 17.4 26.0#



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: 34.98 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081342.D

Acq: 2 Sep 2015 11:50

Instrument :

BNA_F

ClientSampled :

PB85323BL

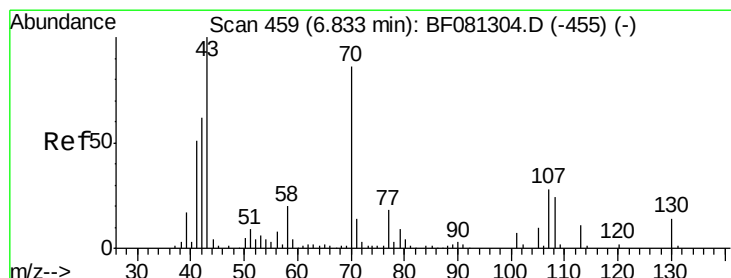
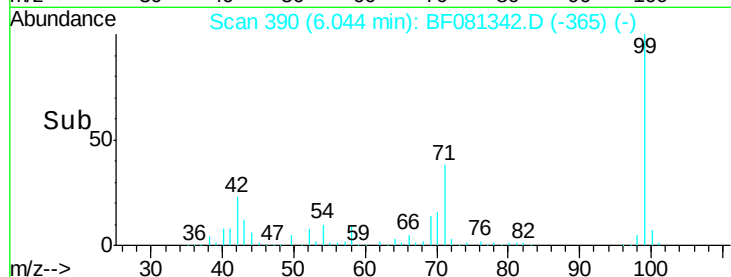
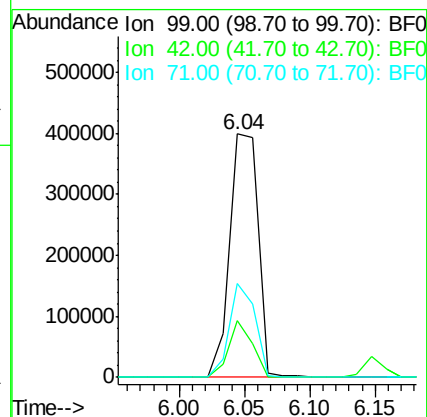
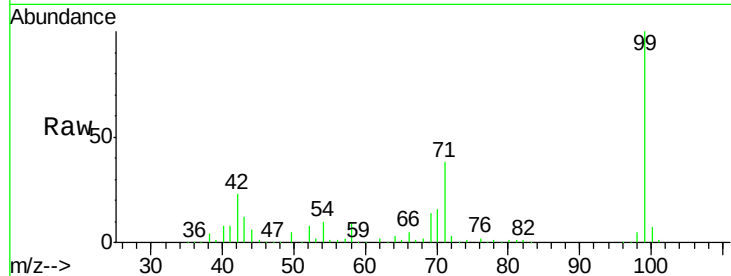
Tot Ion: 99 Resp: 604692

Ion Ratio Lower Upper

99 100

42 23.4 13.7 20.5#

71 38.4 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 3.70 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.13 min

Lab File: BF081342.D

Acq: 2 Sep 2015 11:50

Tgt Ion: 70 Resp: 43558

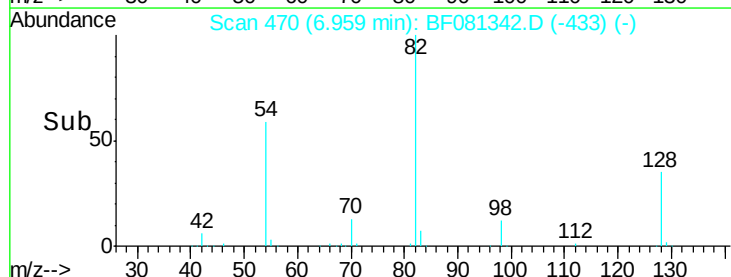
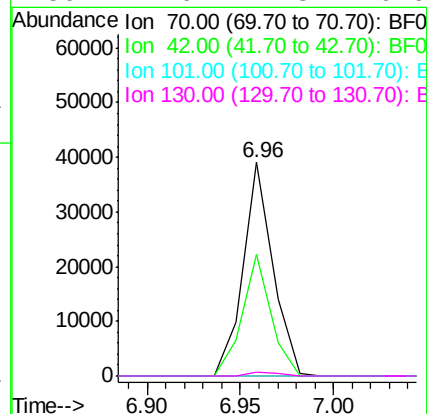
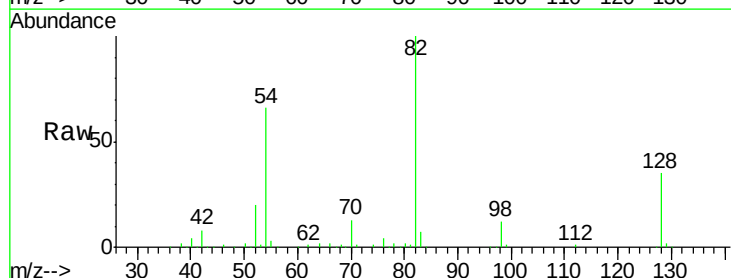
Ion Ratio Lower Upper

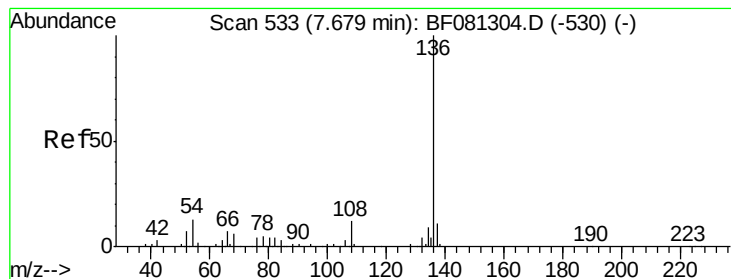
70 100

42 56.7 63.8 95.6#

101 0.0 9.2 13.8#

130 1.6 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF081342.D

Acq: 2 Sep 2015 11:50

Instrument :

BNA_F

ClientSampleId :

PB85323BL

Tot Ion:136 Resp: 235287

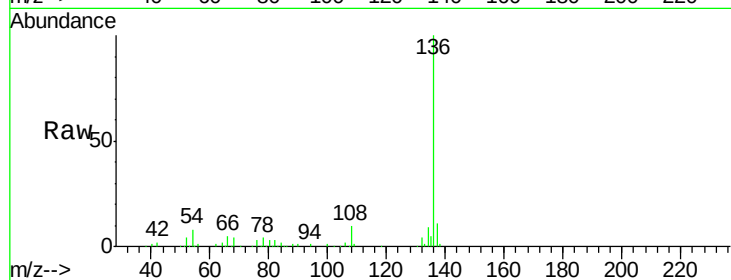
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 8.3 8.2 12.2

68 4.3 5.8 8.6#

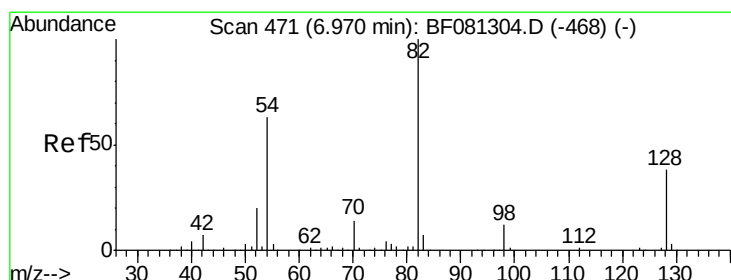
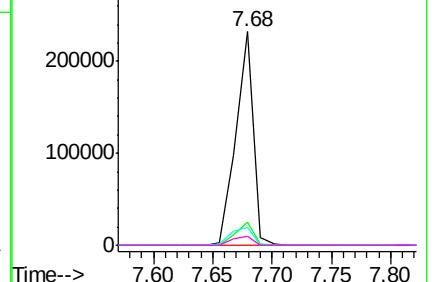
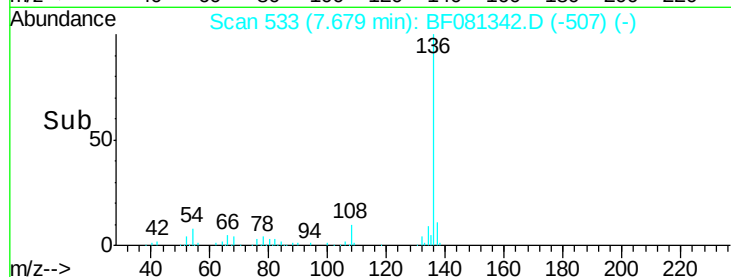


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.97 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF081342.D

Acq: 2 Sep 2015 11:50

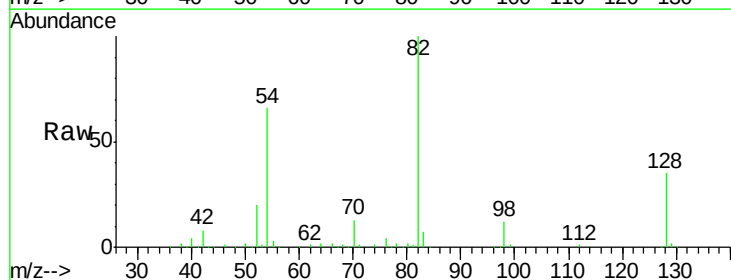
Tgt Ion: 82 Resp: 336359

Ion Ratio Lower Upper

82 100

128 35.0 51.0 76.6#

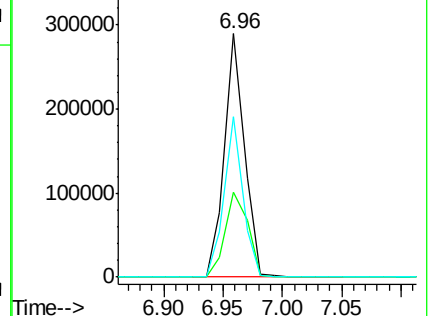
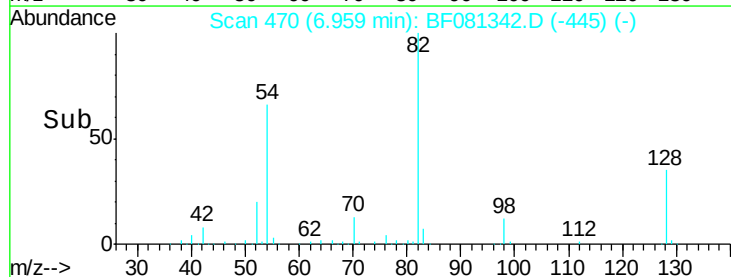
54 65.9 47.5 71.3

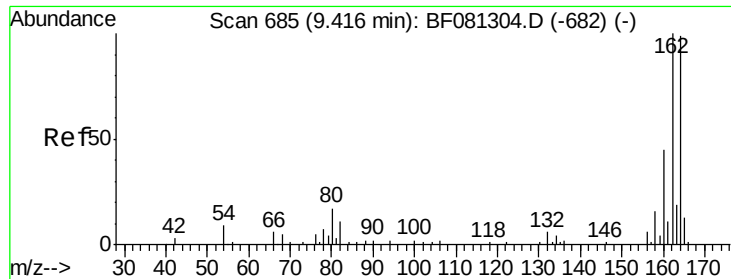


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.42 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF081342.D

Acq: 2 Sep 2015 11:50

Instrument :

BNA_F

ClientSampleId :

PB85323BL

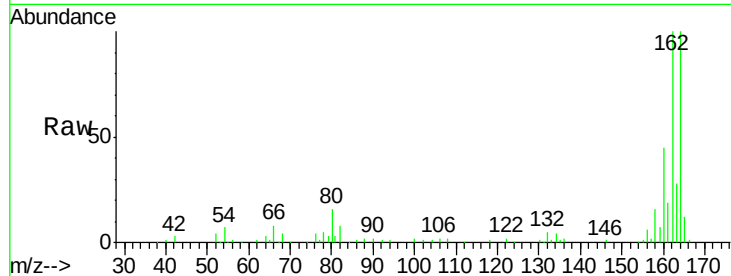
Tot Ion:164 Resp: 116940

Ion Ratio Lower Upper

164 100

162 100.2 75.2 112.8

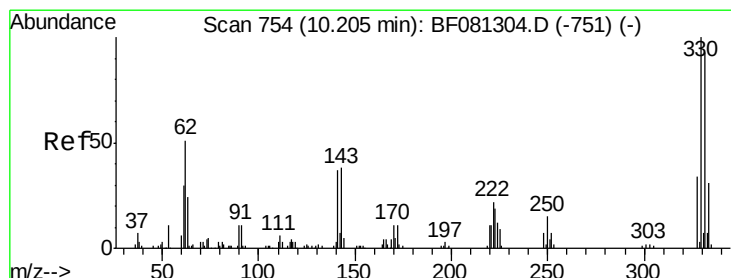
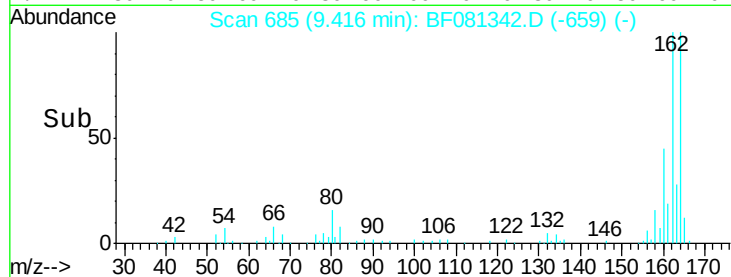
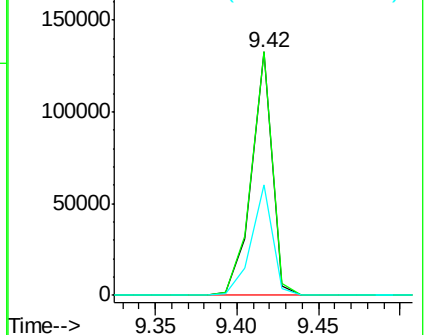
160 45.3 31.5 47.3



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: 116.80 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF081342.D

Acq: 2 Sep 2015 11:50

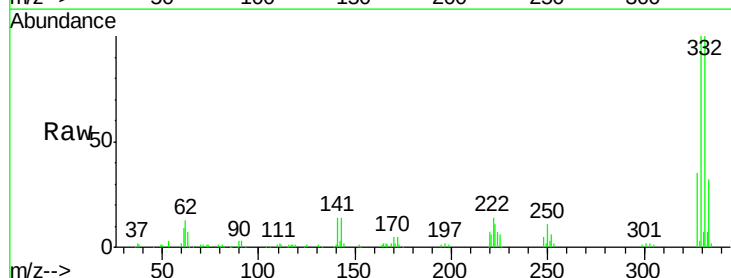
Tgt Ion:330 Resp: 121612

Ion Ratio Lower Upper

330 100

332 99.0 76.6 114.8

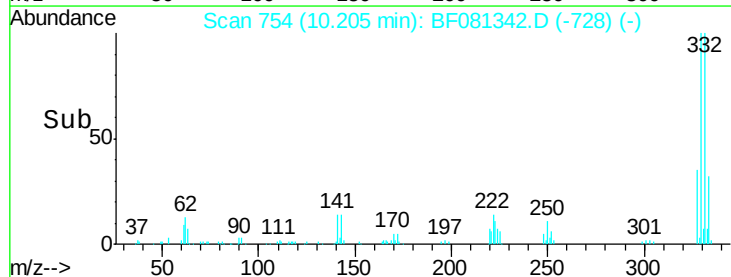
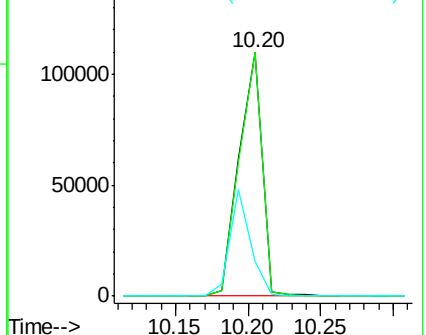
141 39.4 29.7 44.5

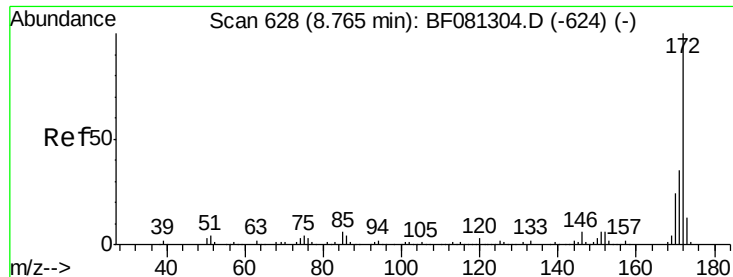


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

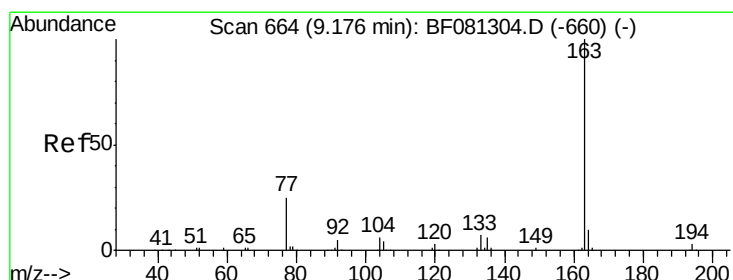
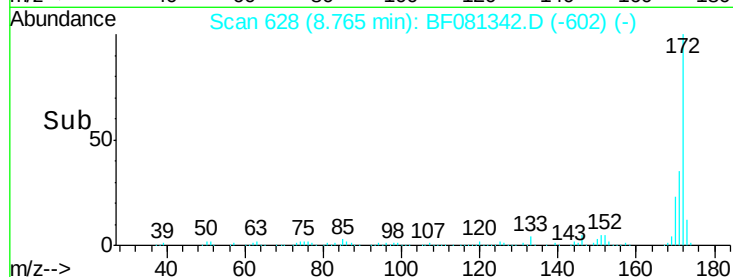
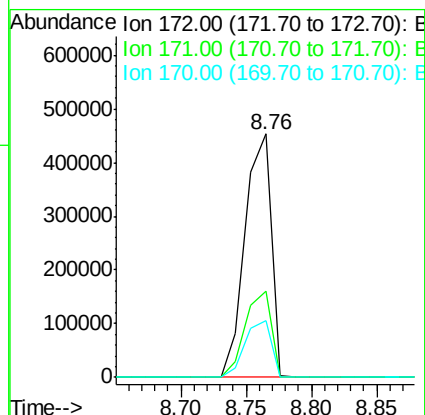
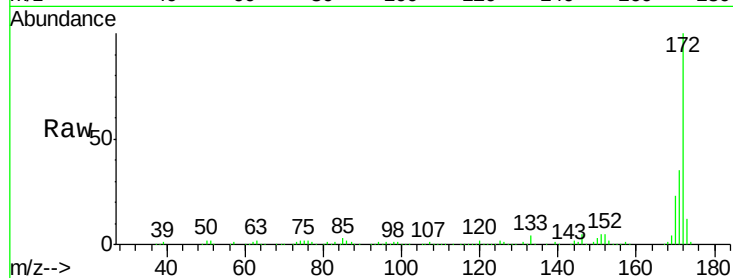




#44
2-Fluorobiphenyl
Concen: 69.45 ng
RT: 8.76 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF081342.D
Acq: 2 Sep 2015 11:50

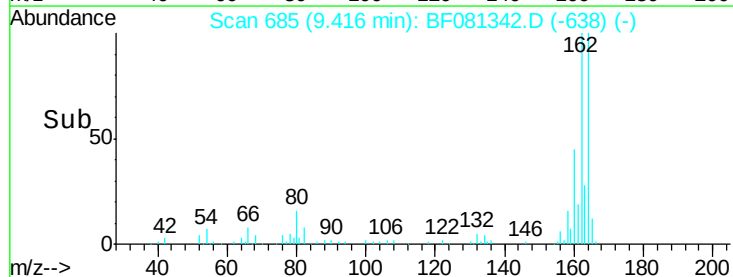
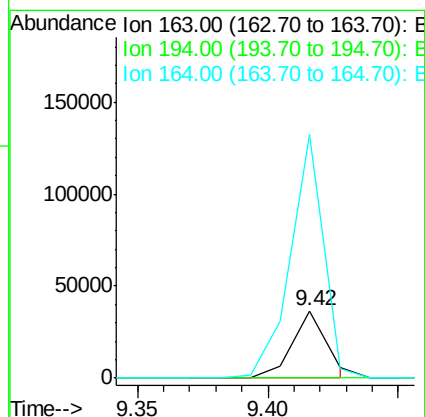
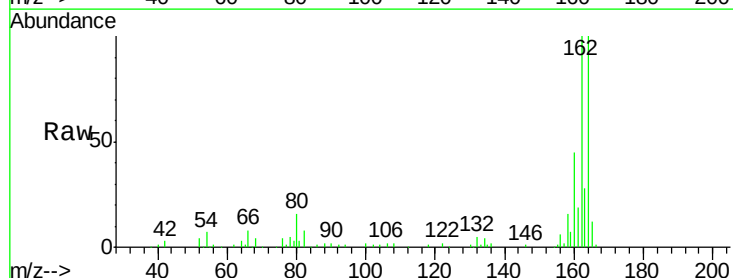
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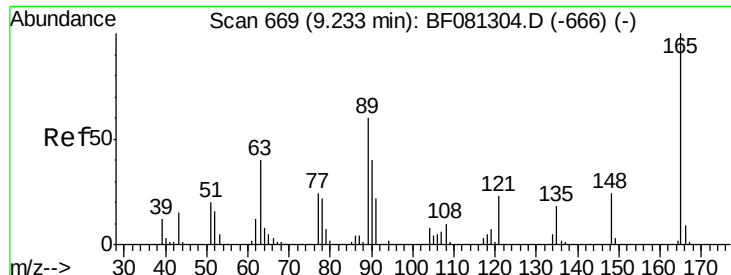
Tot Ion:172 Resp: 633727
Ion Ratio Lower Upper
172 100
171 35.2 26.1 39.1
170 23.4 17.4 26.2



#49
Dimethylphthalate
Concen: 3.72 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.24 min
Lab File: BF081342.D
Acq: 2 Sep 2015 11:50

Tgt Ion:163 Resp: 33835
Ion Ratio Lower Upper
163 100
194 0.0 4.4 6.6#
164 360.7 8.3 12.5#

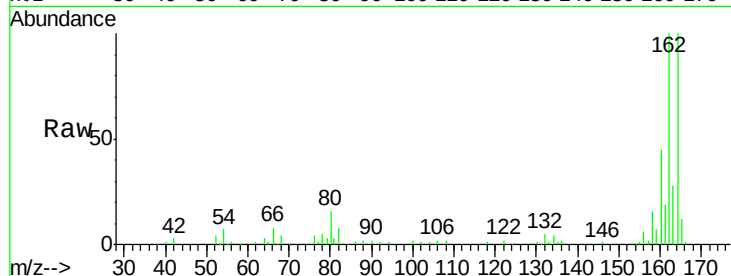




#50
 2,6-Dinitrotoluene
 Concen: 6.82 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.18 min
 Lab File: BF081342.D
 Acq: 2 Sep 2015 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB85323BL

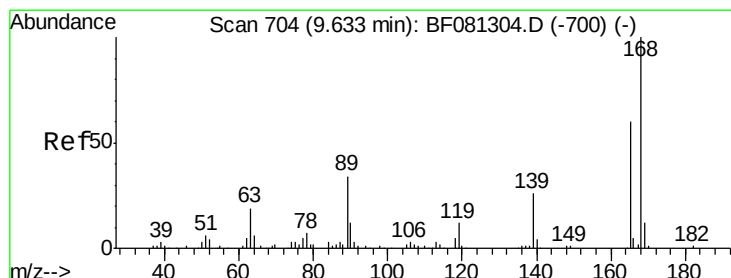
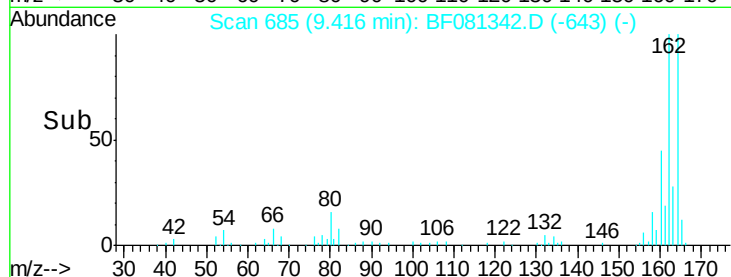
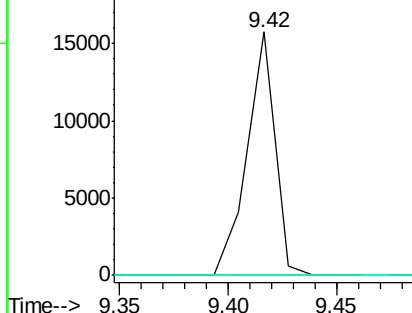
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



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



#56
 2,4-Dinitrotoluene
 Concen: 5.35 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.22 min
 Lab File: BF081342.D
 Acq: 2 Sep 2015 11:50

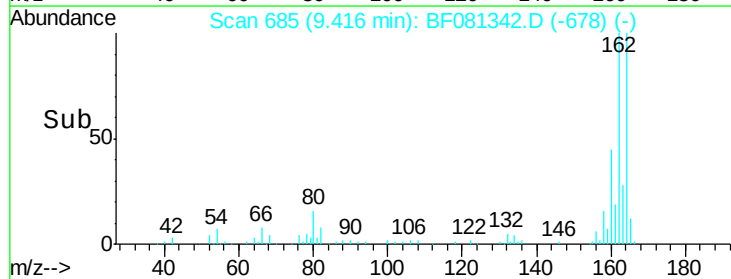
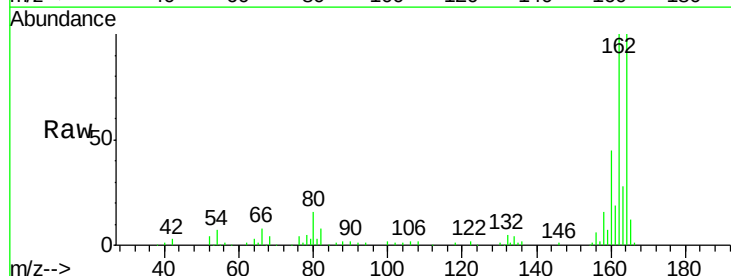
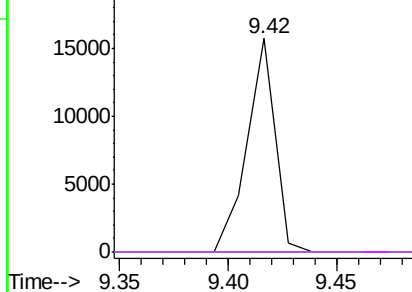
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

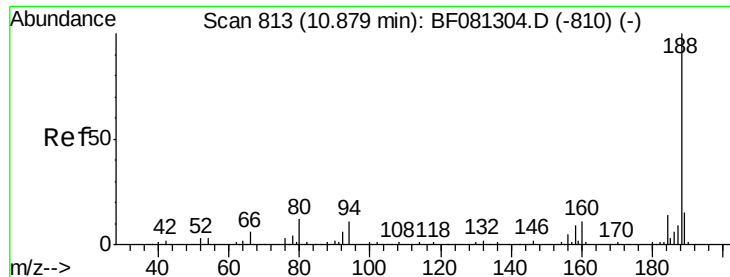
Abundance Ion 165.00 (164.70 to 165.70): E

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

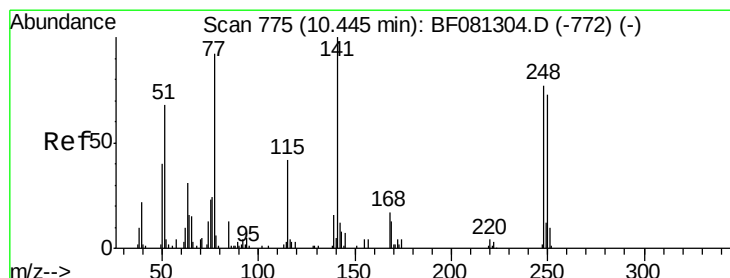
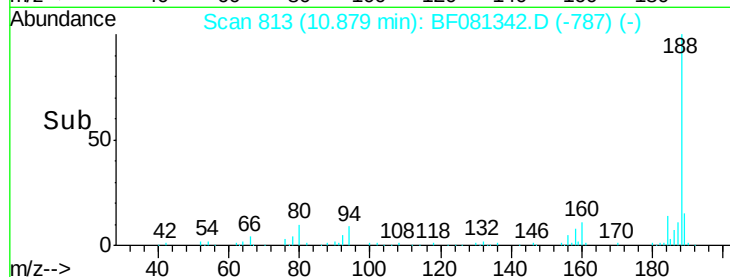
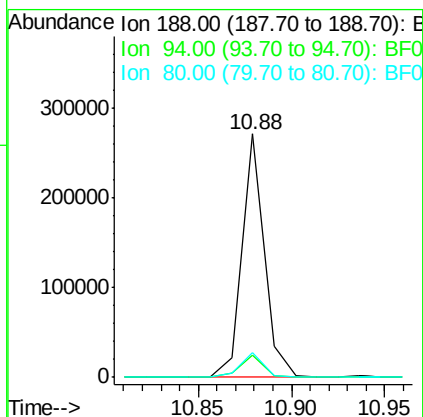
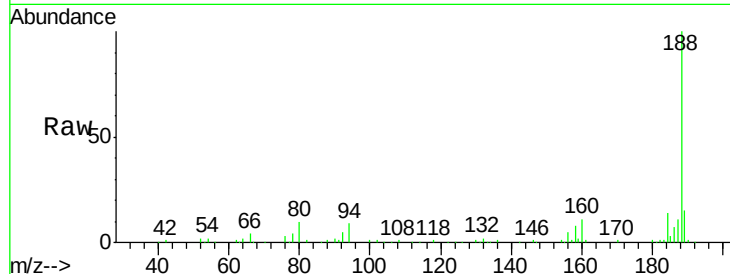




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF081342.D
Acq: 2 Sep 2015 11:50

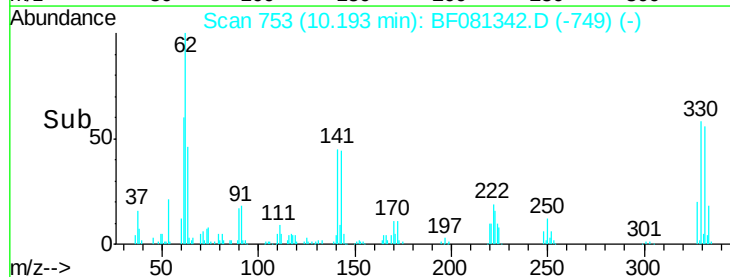
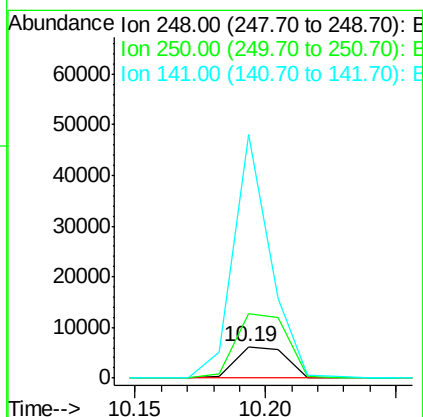
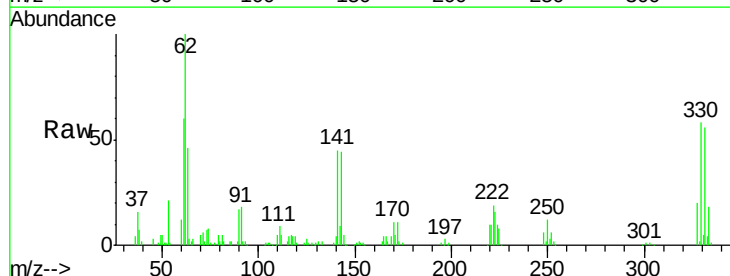
Instrument :
BNA_F
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PB85323BL

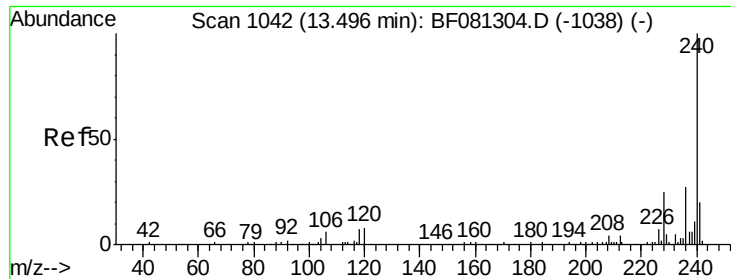
Tot Ion:188 Resp: 227104
Ion Ratio Lower Upper
188 100
94 9.2 11.1 16.7#
80 10.3 11.0 16.4#



#66
4-Bromophenyl-phenylether
Concen: 3.68 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.25 min
Lab File: BF081342.D
Acq: 2 Sep 2015 11:50

Tgt Ion:248 Resp: 8446
Ion Ratio Lower Upper
248 100
250 205.0 78.5 117.7#
141 768.9 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.49 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF081342.D

Acq: 2 Sep 2015 11:50

Instrument :

BNA_F

ClientSampleId :

PB85323BL

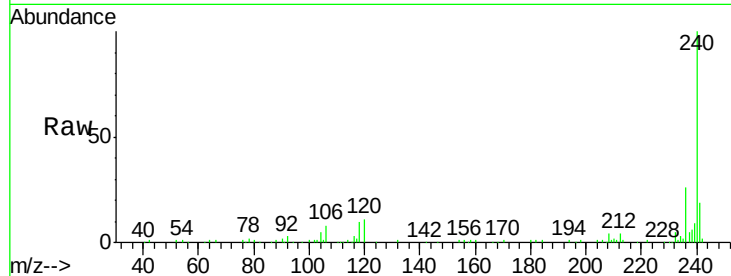
Tot Ion:240 Resp: 182198

Ion Ratio Lower Upper

240 100

120 10.5 16.2 24.2#

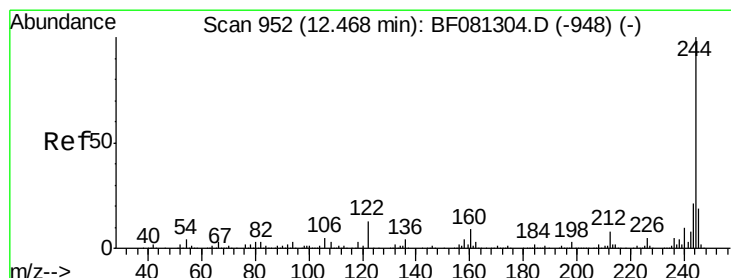
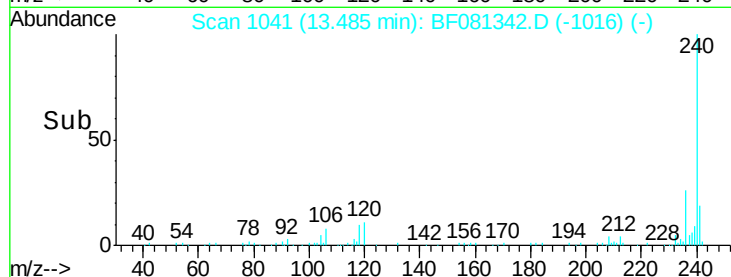
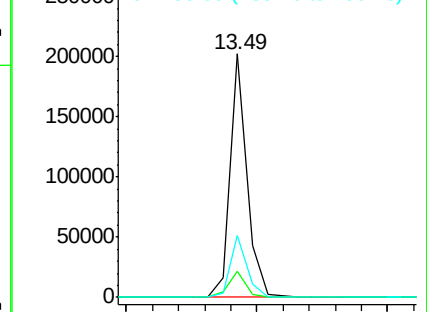
236 25.7 18.4 27.6



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: 76.46 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF081342.D

Acq: 2 Sep 2015 11:50

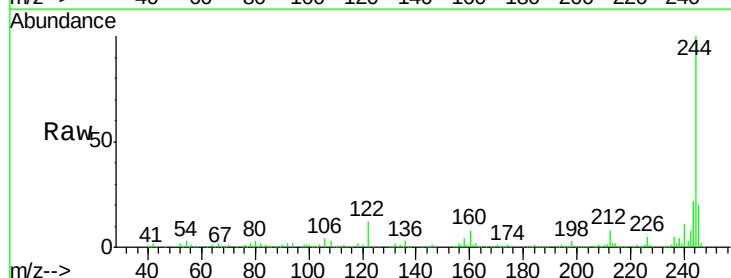
Tgt Ion:244 Resp: 598427

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

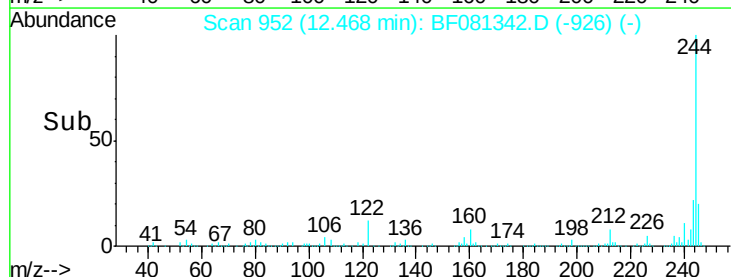
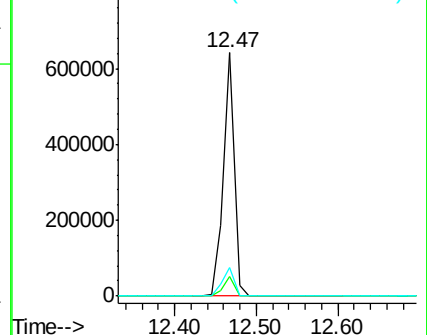
122 11.6 17.4 26.2#

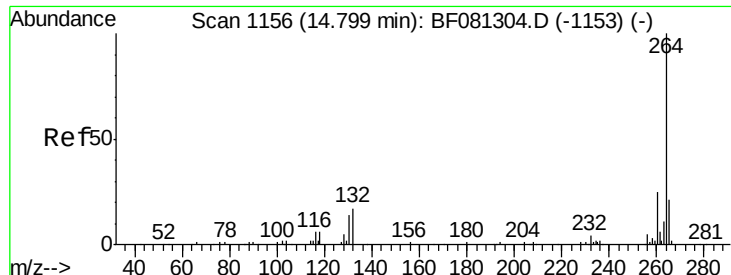


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

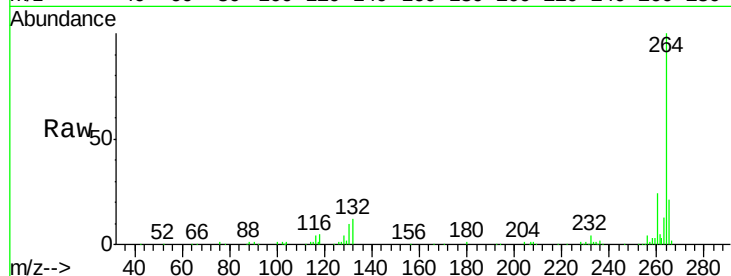




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF081342.D
Acq: 2 Sep 2015 11:50

Instrument :
BNA_F
ClientSampleId :
PB85323BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	20.6	17.2	25.8



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

