

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071715\
 Data File : BF080553.D
 Acq On : 18 Jul 2015 1:03
 Operator : TP/UM
 Sample : PB84537BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84537BL

Quant Time: Jul 18 02:20:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:00 2015
 Response via : Initial Calibration

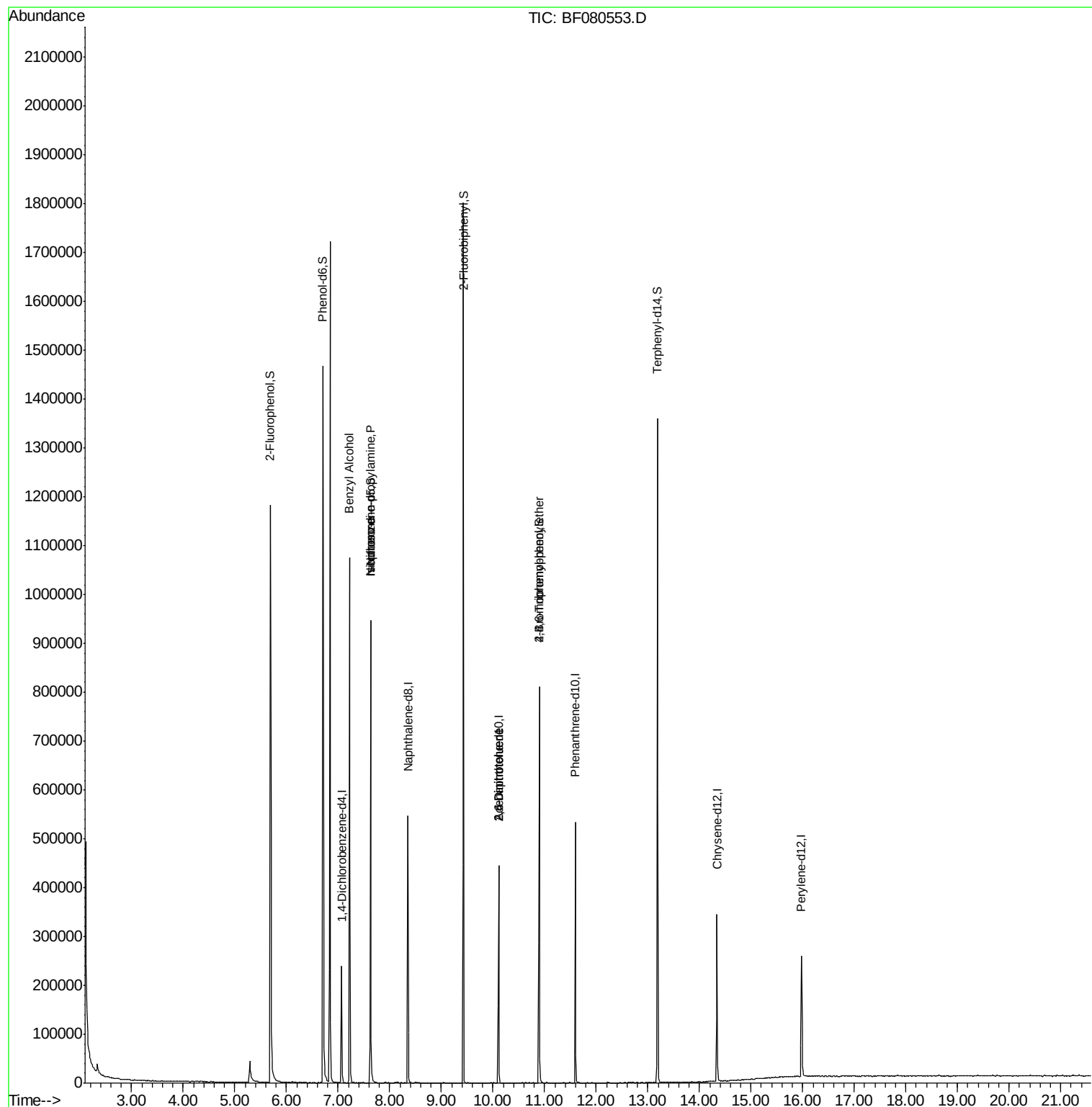
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	50781	20.00	ng	0.00
21) Naphthalene-d8	8.35	136	226834	20.00	ng	0.00
38) Acenaphthene-d10	10.11	164	88480	20.00	ng	0.00
63) Phenanthrene-d10	11.60	188	181619	20.00	ng	0.00
75) Chrysene-d12	14.34	240	134874	20.00	ng	-0.01
86) Perylene-d12	15.97	264	122049	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	362195	111.20	ng	0.00
7) Phenol-d6	6.70	99	450939	121.66	ng	0.00
23) Nitrobenzene-d5	7.63	82	256623	72.13	ng	0.00
41) 2,4,6-Tribromophenol	10.90	330	103125	130.25	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	541888	86.02	ng	0.00
78) Terphenyl-d14	13.19	244	466379	77.22	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.22	79	4792	2.03	ng	# 45
19) n-Nitroso-di-n-propylamine	7.63	70	32156	17.95	ng	# 82
25) Isophorone	7.63	82	256642	37.79	ng	# 65
47) 2-Nitroaniline	9.42	65	918	Below Cal		# 1
50) 2,6-Dinitrotoluene	10.11	165	11589	12.28	ng	# 6
56) 2,4-Dinitrotoluene	10.11	165	11590	9.08	ng	# 27
66) 4-Bromophenyl-phenylether	10.90	248	6073	3.65	ng	# 1

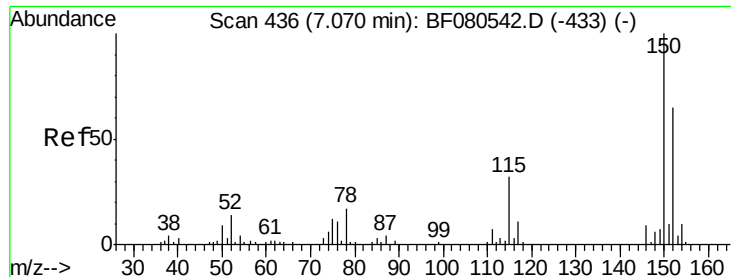
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF080553.D

Acq: 18 Jul 2015 1:03

Instrument :

BNA_F

ClientSampleId :

PB84537BL

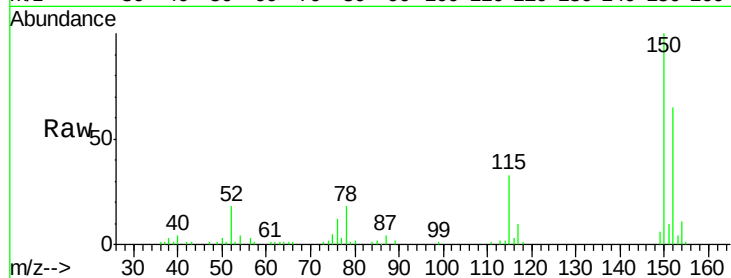
Tot Ion:152 Resp: 50781

Ion Ratio Lower Upper

152 100

150 155.0 123.0 184.4

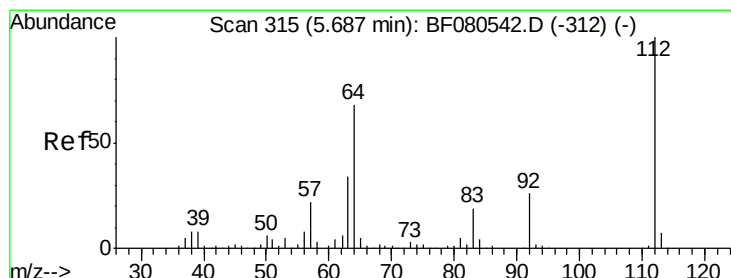
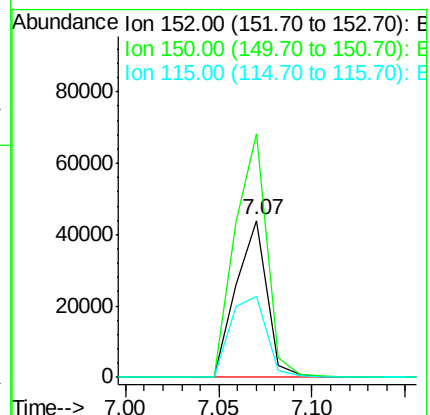
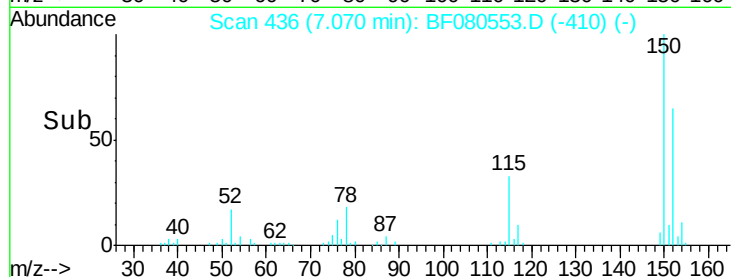
115 51.5 39.9 59.9



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: 111.20 ng

RT: 5.69 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF080553.D

Acq: 18 Jul 2015 1:03

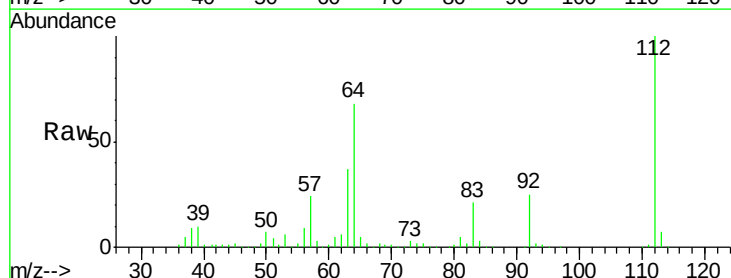
Tgt Ion:112 Resp: 362195

Ion Ratio Lower Upper

112 100

64 68.4 54.1 81.1

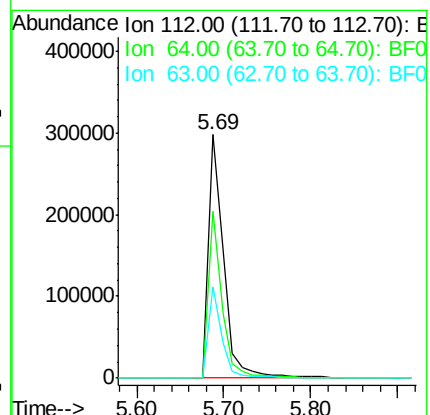
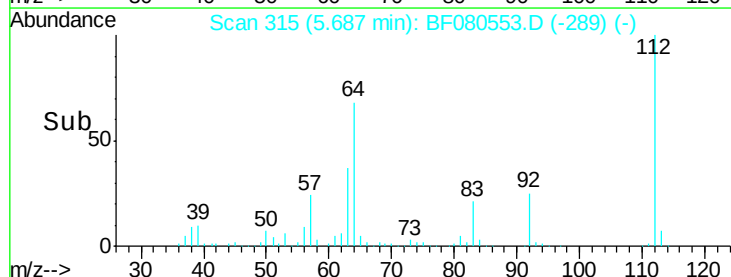
63 37.4 27.6 41.4

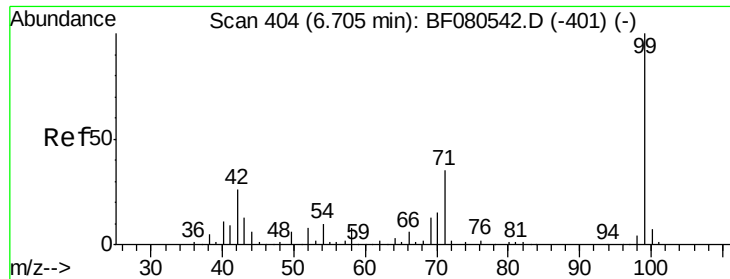


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.66 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF080553.D

Acq: 18 Jul 2015 1:03

Instrument :

BNA_F

ClientSampleId :

PB84537BL

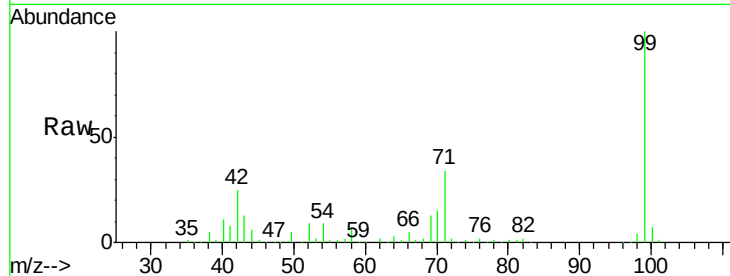
Tot Ion: 99 Resp: 450939

Ion Ratio Lower Upper

99 100

42 25.3 21.0 31.4

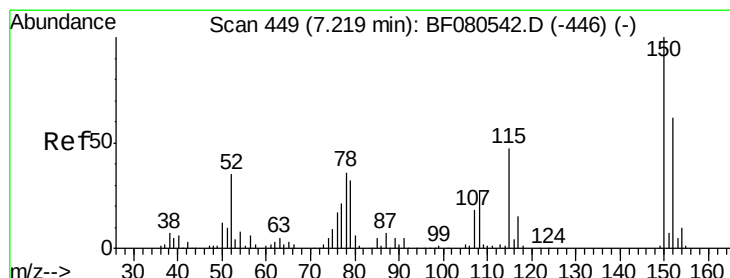
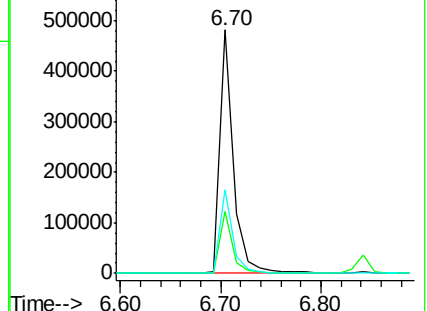
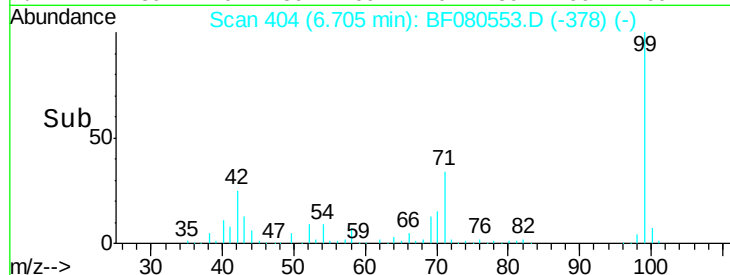
71 34.2 28.4 42.6



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



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF080553.D

Acq: 18 Jul 2015 1:03

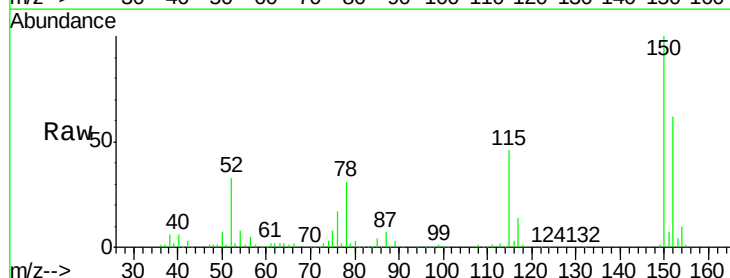
Tgt Ion: 79 Resp: 4792

Ion Ratio Lower Upper

79 100

108 33.2 67.8 101.6#

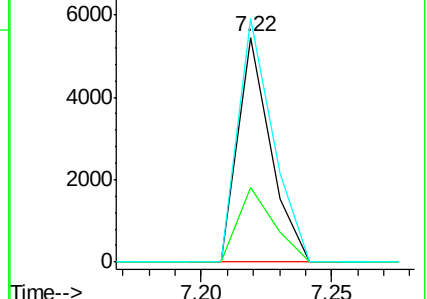
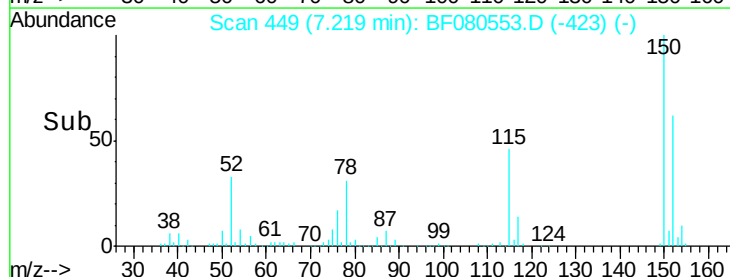
77 108.3 52.9 79.3#

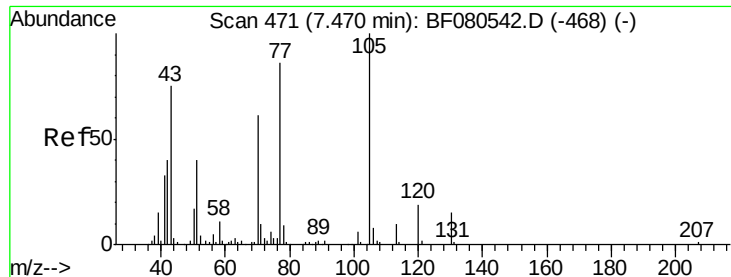


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 17.95 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.16 min

Lab File: BF080553.D

Acq: 18 Jul 2015 1:03

Instrument :

BNA_F

ClientSampleId :

PB84537BL

Tot Ion: 70 Resp: 32156

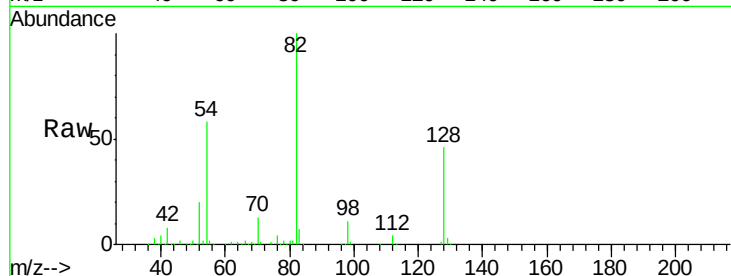
Ion Ratio Lower Upper

70 100

42 60.7 52.6 78.8

101 0.0 8.3 12.5#

130 1.9 19.6 29.4#

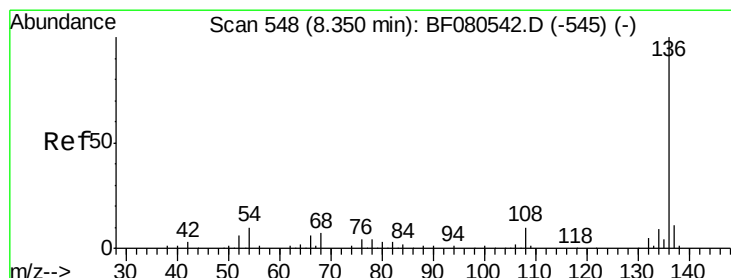
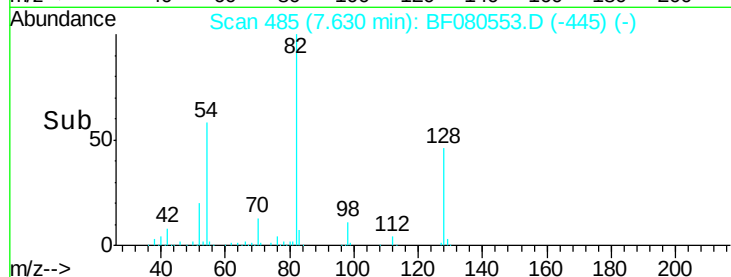
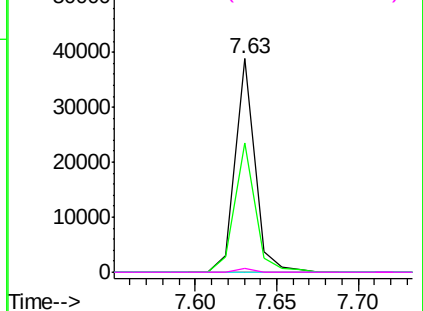


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.35 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF080553.D

Acq: 18 Jul 2015 1:03

Tgt Ion: 136 Resp: 226834

Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 9.4 8.3 12.5

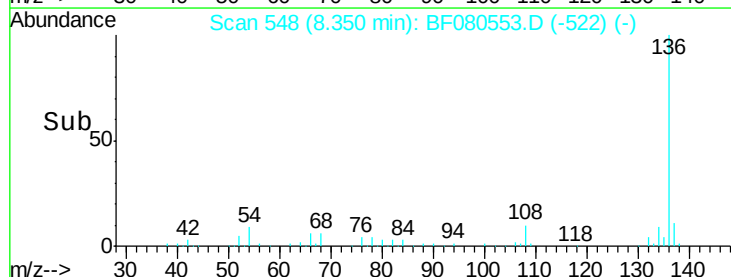
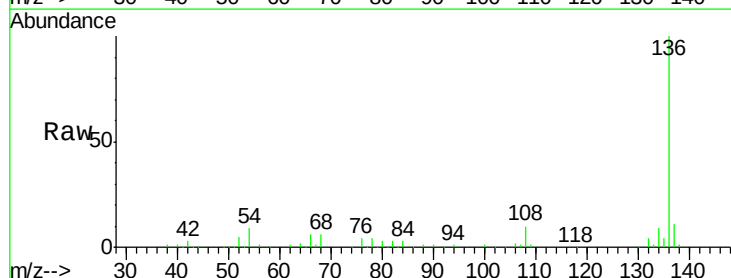
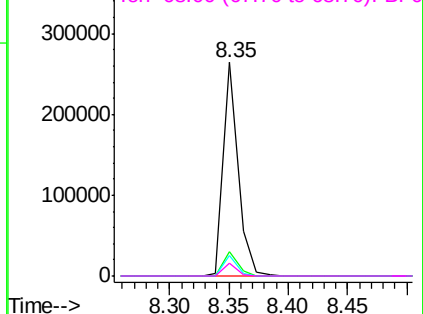
68 6.0 5.4 8.2

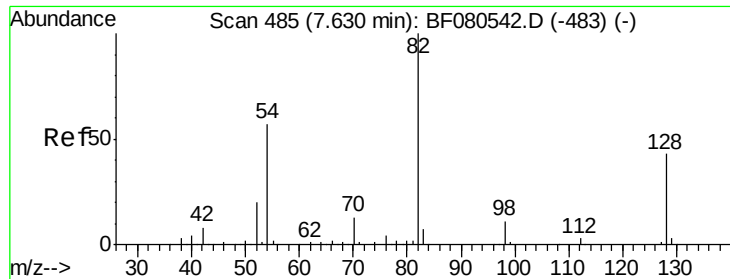
Abundance Ion 136.00 (135.70 to 136.70): E

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

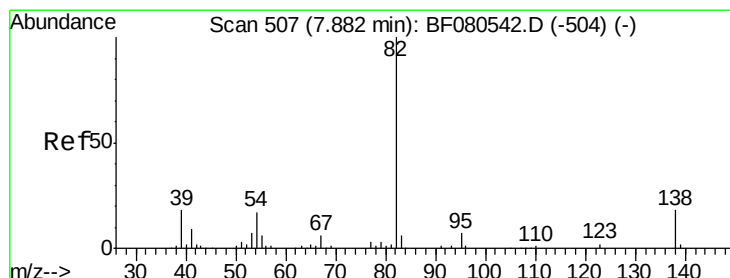
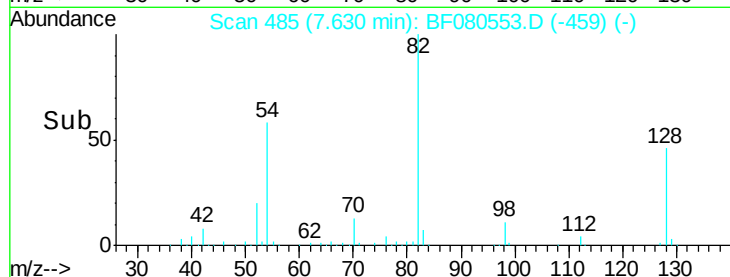
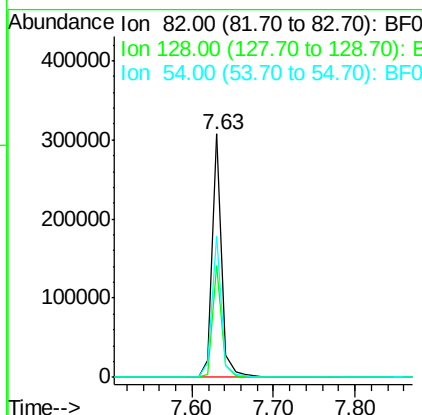
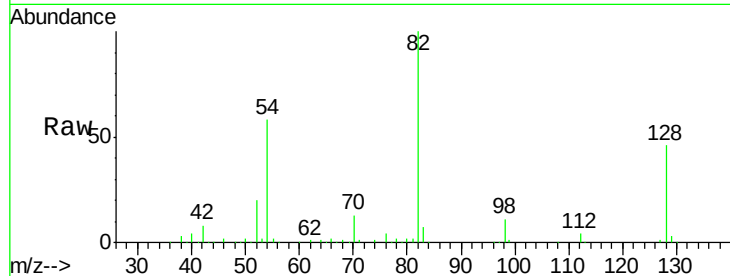




#23
 Nitrobenzene-d5
 Concen: 72.13 ng
 RT: 7.63 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: BF080553.D
 Acq: 18 Jul 2015 1:03

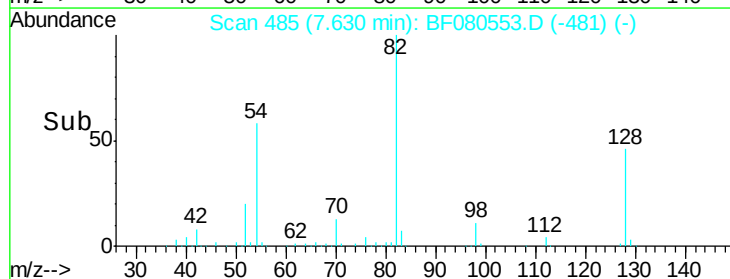
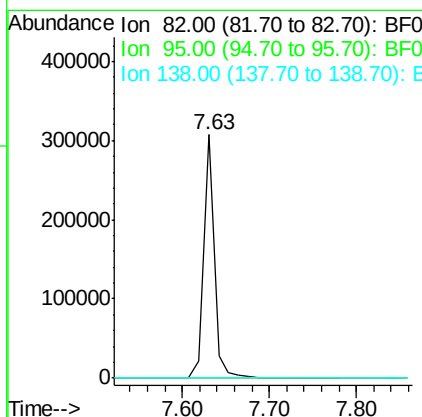
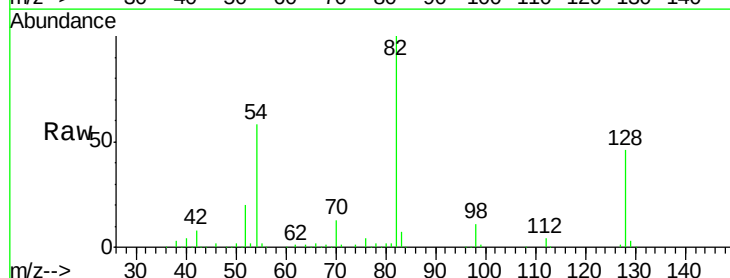
Instrument :
 BNA_F
 ClientSampleId :
 PB84537BL

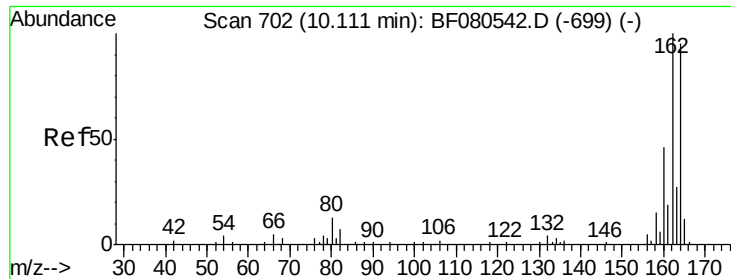
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.6	51.8
54	57.9	45.8	68.6



#25
 Isophorone
 Concen: 37.79 ng
 RT: 7.63 min Scan# 485
 Delta R.T. -0.25 min
 Lab File: BF080553.D
 Acq: 18 Jul 2015 1:03

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	14.7	22.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF080553.D

Acq: 18 Jul 2015 1:03

Instrument :

BNA_F

ClientSampleId :

PB84537BL

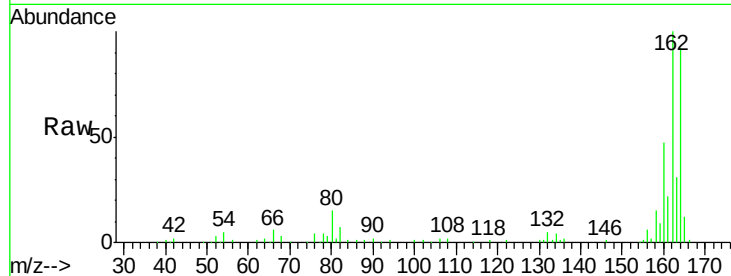
Tot Ion:164 Resp: 88480

Ion Ratio Lower Upper

164 100

162 109.2 84.1 126.1

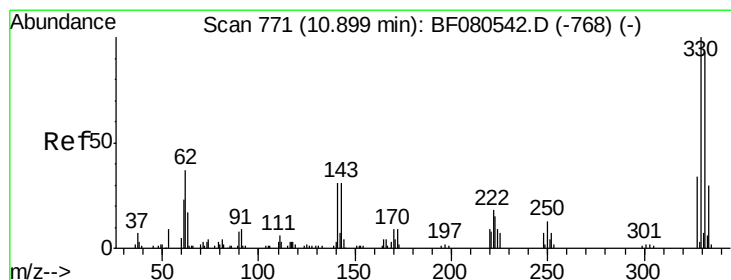
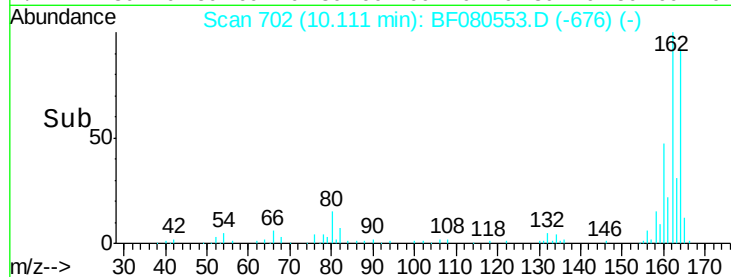
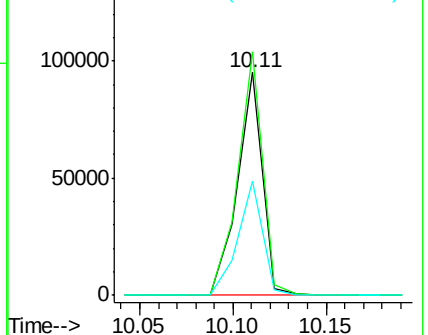
160 51.5 38.8 58.2



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: 130.25 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF080553.D

Acq: 18 Jul 2015 1:03

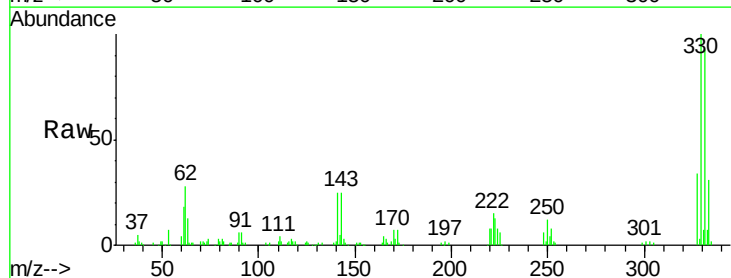
Tgt Ion:330 Resp: 103125

Ion Ratio Lower Upper

330 100

332 93.9 74.3 111.5

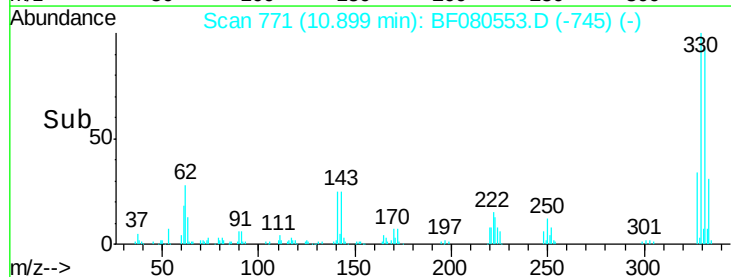
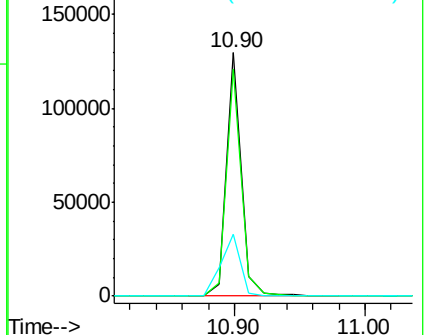
141 33.0 29.0 43.4

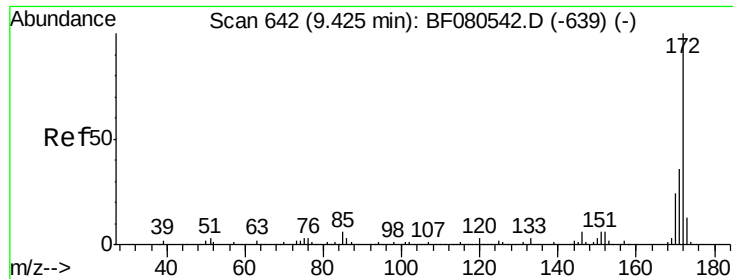


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

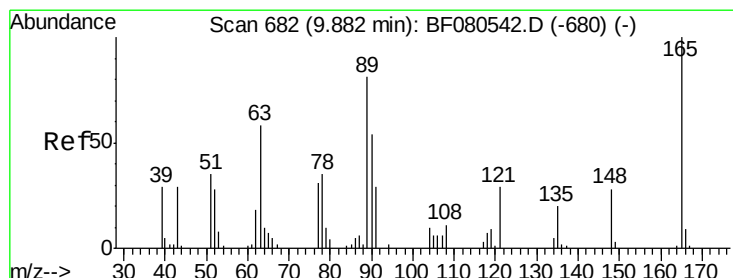
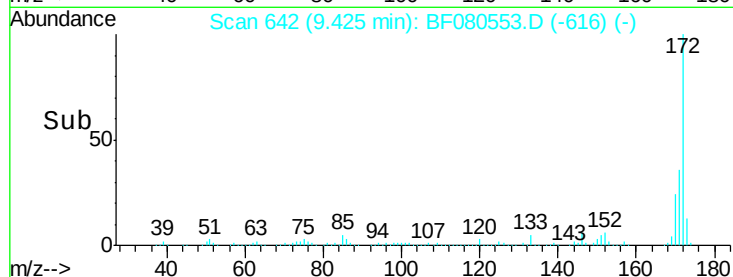
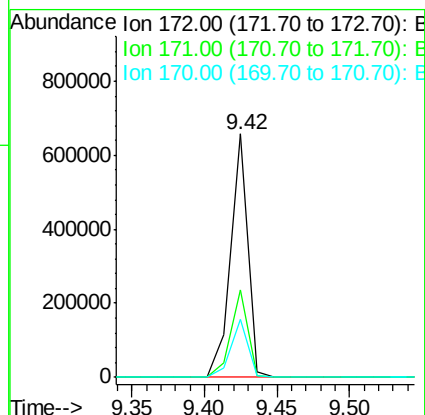
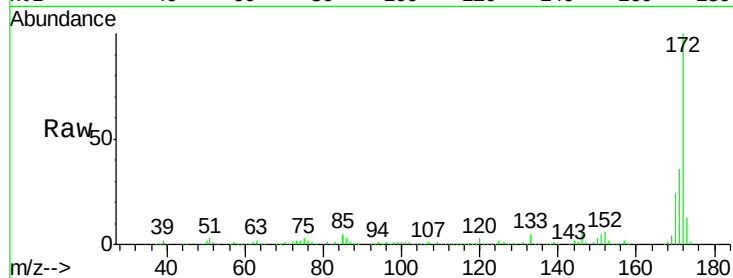




#44
 2-Fluorobiphenyl
 Concen: 86.02 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF080553.D
 Acq: 18 Jul 2015 1:03

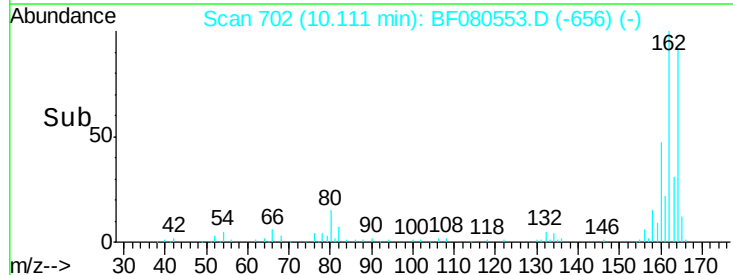
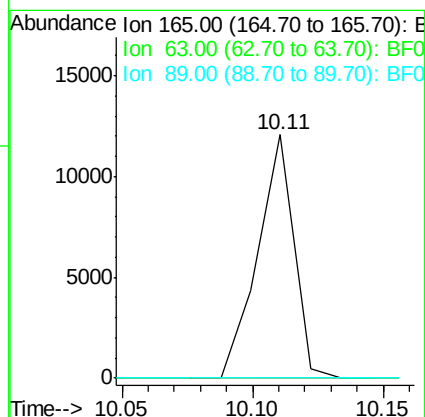
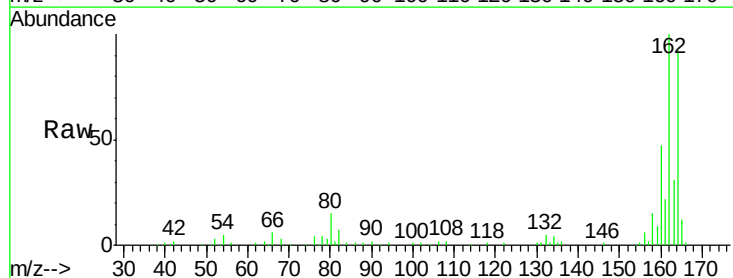
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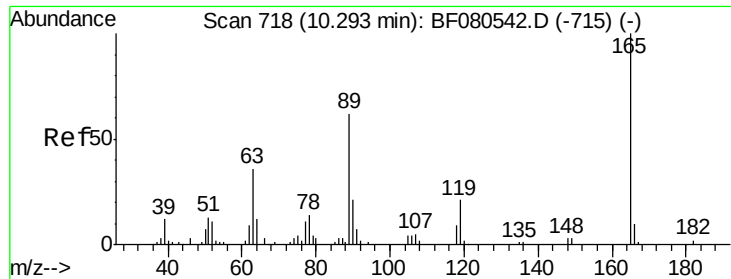
Tot Ion:172 Resp: 541888
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.8 43.2
 170 23.7 19.0 28.4



#50
 2,6-Dinitrotoluene
 Concen: 12.28 ng
 RT: 10.11 min Scan# 702
 Delta R.T. 0.23 min
 Lab File: BF080553.D
 Acq: 18 Jul 2015 1:03

Tgt Ion:165 Resp: 11589
 Ion Ratio Lower Upper
 165 100
 63 0.0 74.5 111.7#
 89 0.0 64.6 97.0#

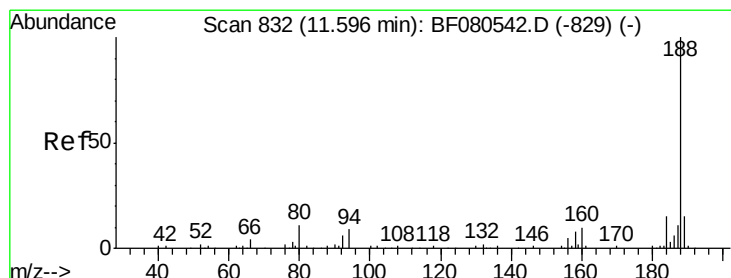
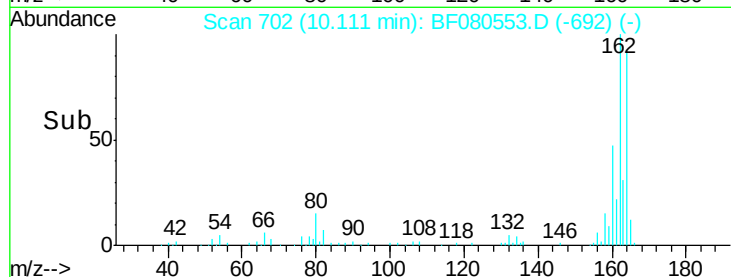
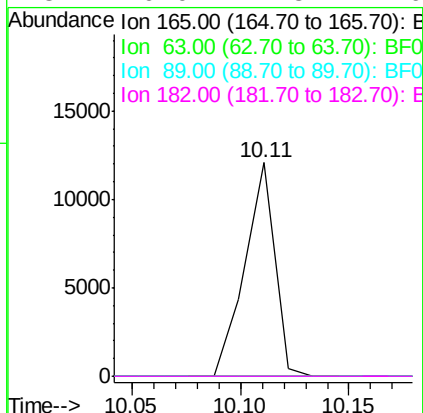
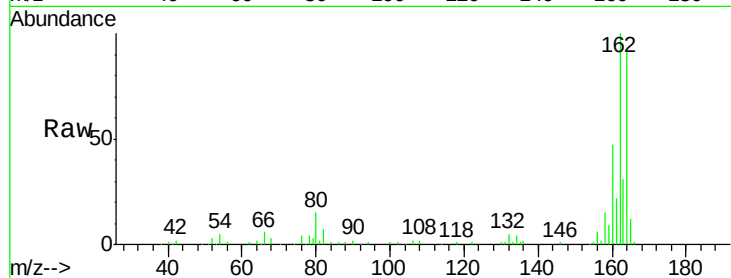




#56
 2,4-Dinitrotoluene
 Concen: 9.08 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.18 min
 Lab File: BF080553.D
 Acq: 18 Jul 2015 1:03

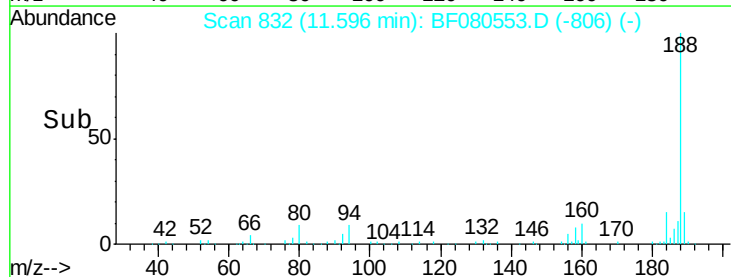
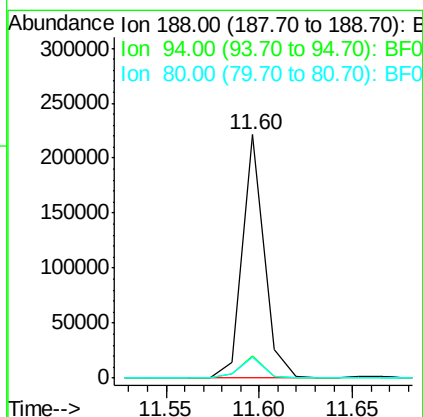
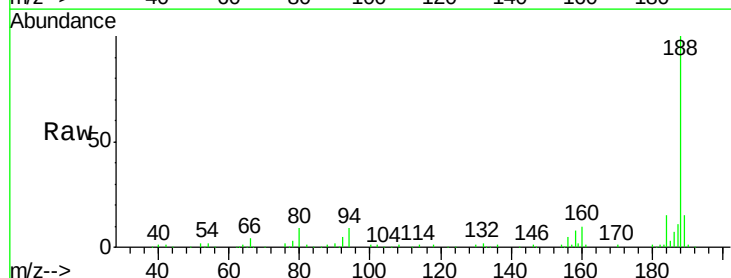
Instrument :
 BNA_F
 ClientSampleId :
 PB84537BL

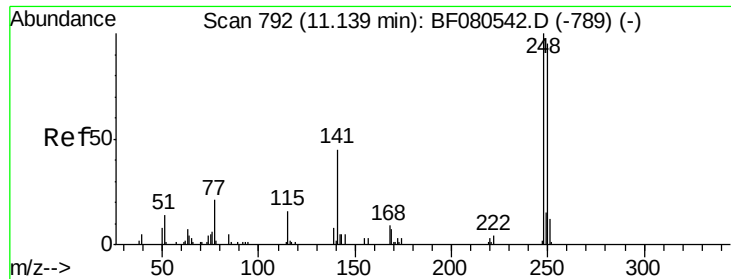
Tot Ion:165	Resp:	11590
Ion Ratio	Lower	Upper
165	100	
63	0.0	30.2 45.4#
89	0.0	49.9 74.9#
182	0.0	1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF080553.D
 Acq: 18 Jul 2015 1:03

Tgt Ion:188	Resp:	181619
Ion Ratio	Lower	Upper
188	100	
94	9.0	7.6 11.4
80	8.6	8.6 12.8

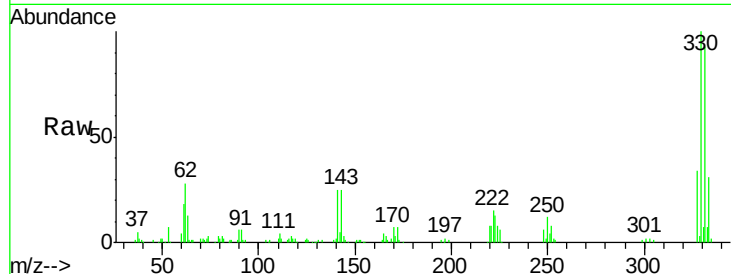




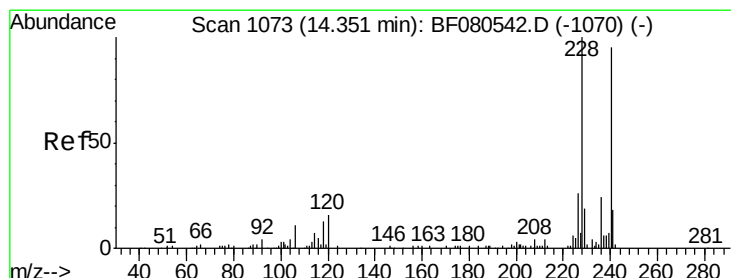
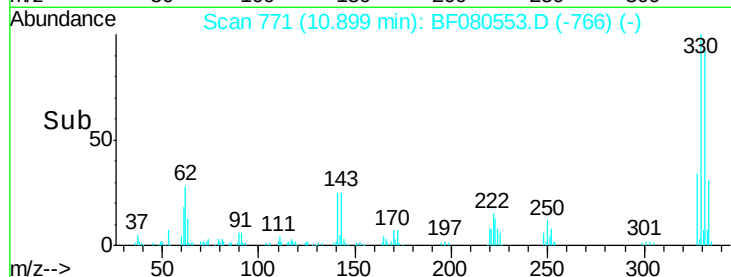
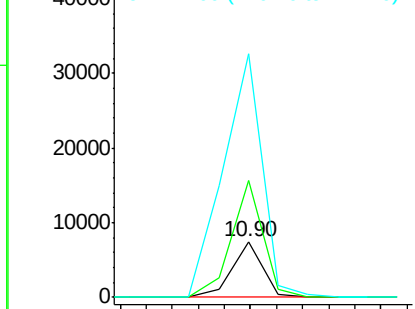
#66
4-Bromophenyl-phenylether
Concen: 3.65 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.24 min
Lab File: BF080553.D
Acq: 18 Jul 2015 1:03

Instrument :
BNA_F
ClientSampleId :
PB84537BL

Tot Ion:248 Resp: 6073
Ion Ratio Lower Upper
248 100
250 211.2 76.4 114.6#
141 437.7 36.0 54.0#

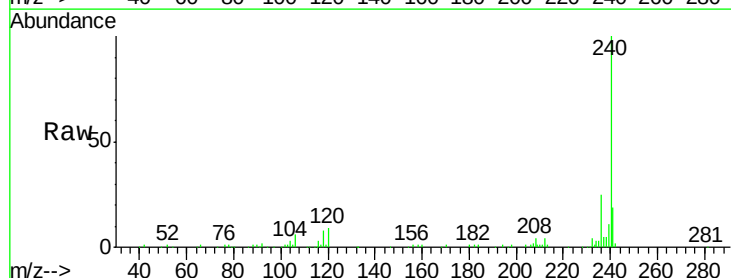


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

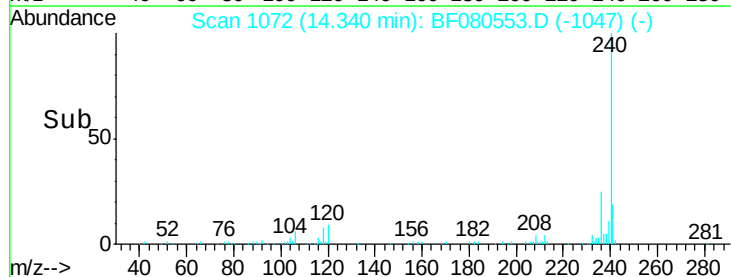
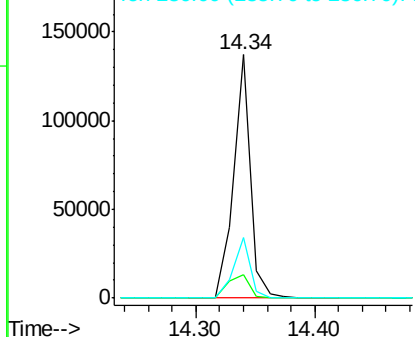


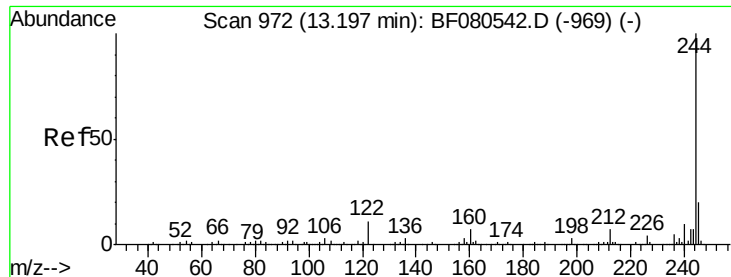
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.34 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF080553.D
Acq: 18 Jul 2015 1:03

Tgt Ion:240 Resp: 134874
Ion Ratio Lower Upper
240 100
120 9.5 13.6 20.4#
236 24.7 20.2 30.4



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

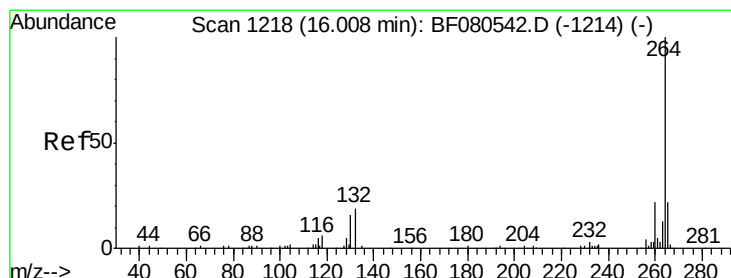
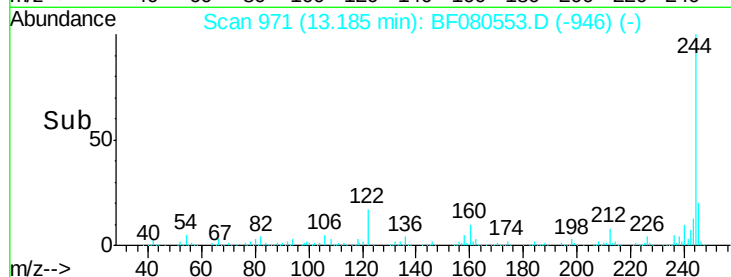
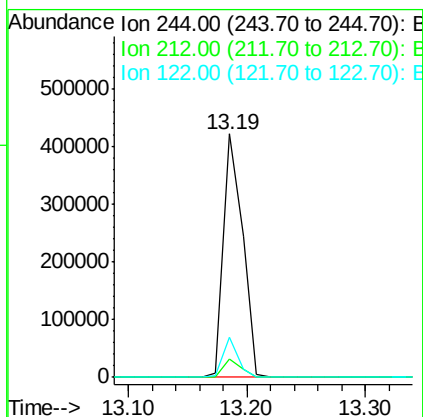
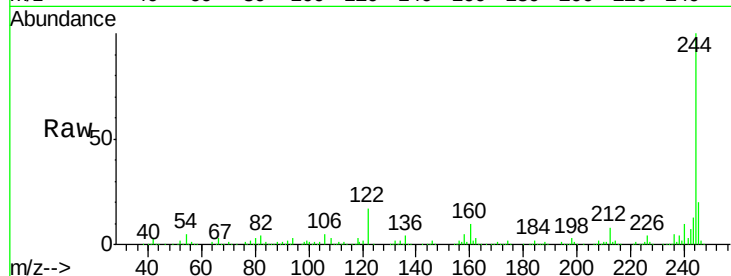




#78
 Terphenyl-d14
 Concen: 77.22 ng
 RT: 13.19 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF080553.D
 Acq: 18 Jul 2015 1:03

Instrument :
 BNA_F
 ClientSampleID :
 PB84537BL

Tot Ion:244 Resp: 466379
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.5 8.3
 122 16.6 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.97 min Scan# 1215
 Delta R.T. -0.03 min
 Lab File: BF080553.D
 Acq: 18 Jul 2015 1:03

Tgt Ion:264 Resp: 122049
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.8 26.8
 265 22.0 17.2 25.8

