

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071715\
 Data File : BF080552.D
 Acq On : 18 Jul 2015 00:34
 Operator : TP/UM
 Sample : PB84537TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84537TB

Quant Time: Jul 18 01:04:03 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

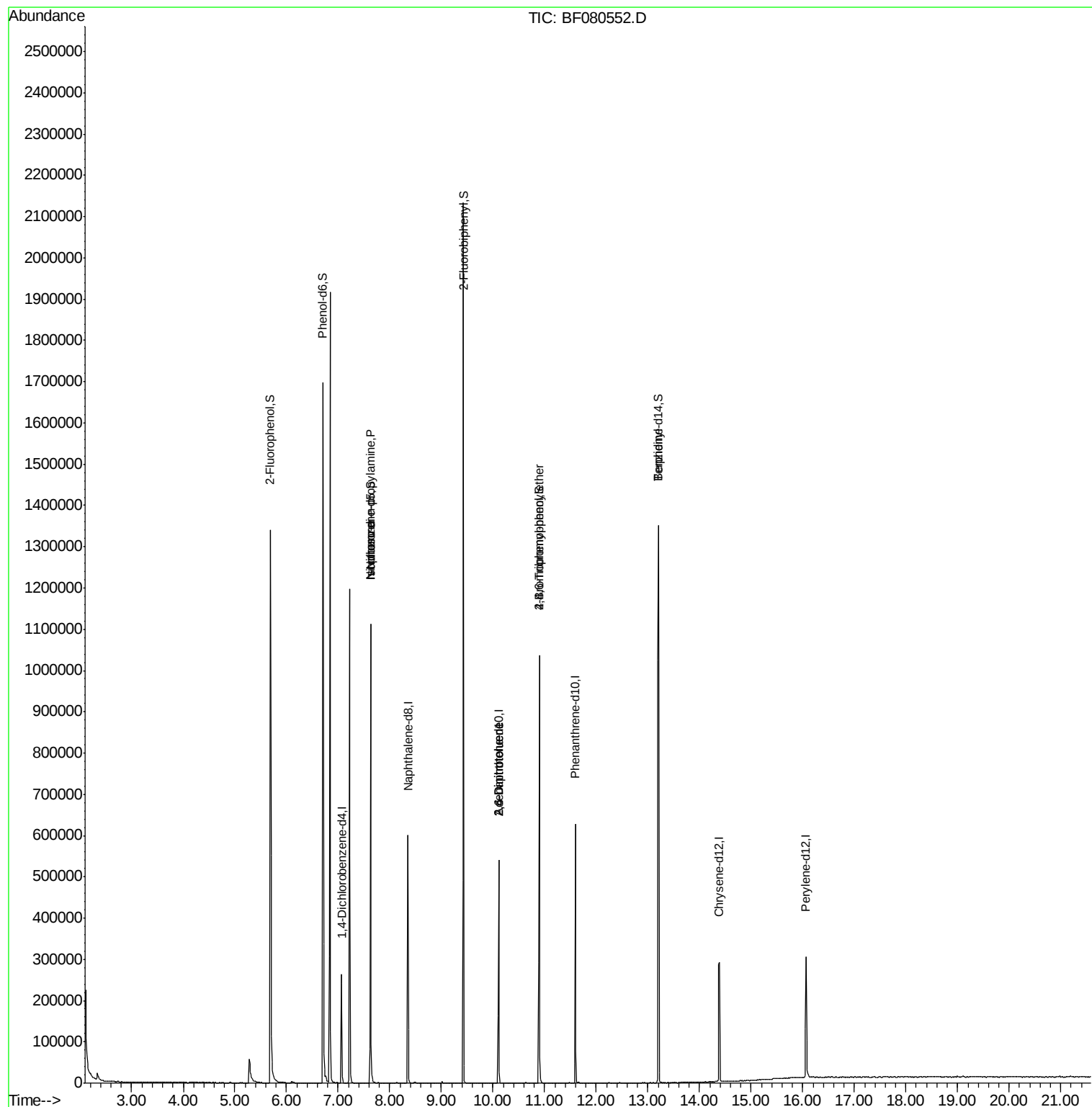
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	56875	20.00	ng	0.00
21) Naphthalene-d8	8.35	136	253625	20.00	ng	0.00
38) Acenaphthene-d10	10.11	164	106219	20.00	ng	0.00
63) Phenanthrene-d10	11.60	188	212044	20.00	ng	0.00
75) Chrysene-d12	14.39	240	157359	20.00	ng	0.03
86) Perylene-d12	16.07	264	145353	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	409862	112.35	ng	0.00
7) Phenol-d6	6.70	99	500660	120.60	ng	0.00
23) Nitrobenzene-d5	7.63	82	297071	74.68	ng	0.00
41) 2,4,6-Tribromophenol	10.90	330	121291	127.61	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	629926	83.30	ng	0.00
78) Terphenyl-d14	13.21	244	566217	80.35	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.63	70	37473	18.63	ng	# 82
25) Isophorone	7.63	82	297066	39.12	ng	# 65
47) 2-Nitroaniline	9.42	65	1108	Below Cal		# 1
50) 2,6-Dinitrotoluene	10.11	165	13551	11.94	ng	# 6
56) 2,4-Dinitrotoluene	10.11	165	13551	8.92	ng	# 27
66) 4-Bromophenyl-phenylether	10.90	248	7221	3.71	ng	# 1
76) Benzidine	13.21	184	8675	2.06	ng	97

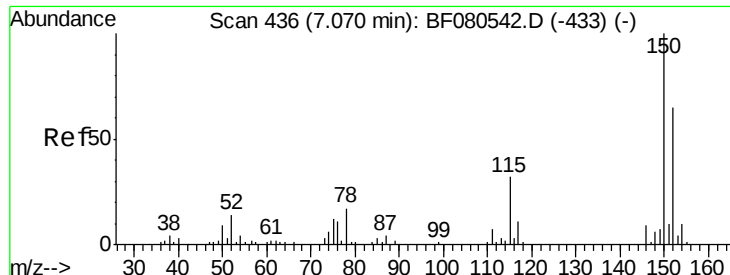
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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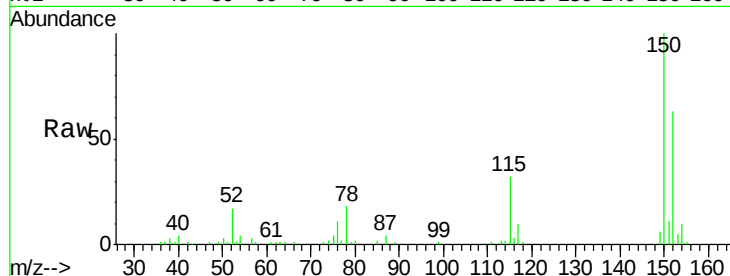


#1

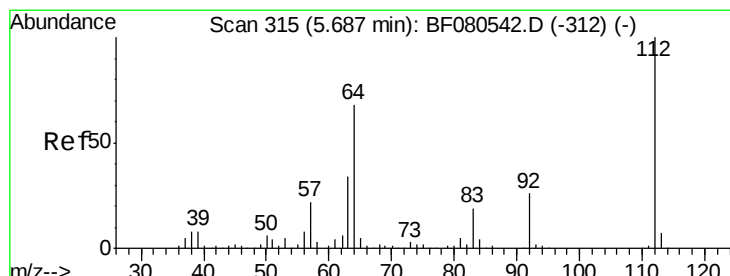
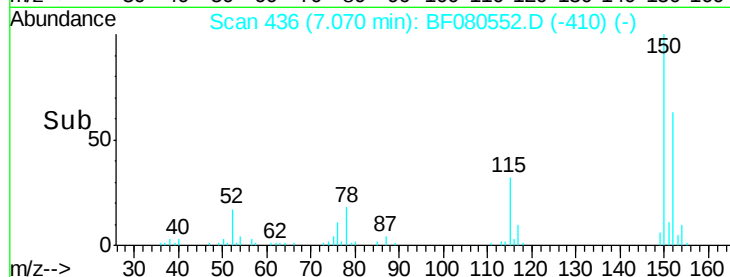
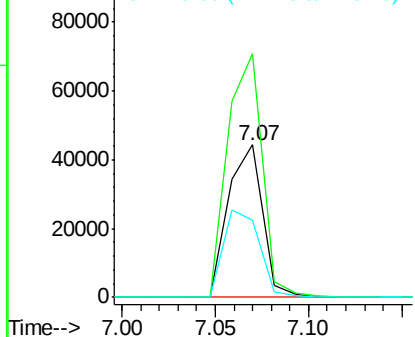
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080552.D
Acq: 18 Jul 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB84537TB

Tot Ion:152 Resp: 56875
Ion Ratio Lower Upper
152 100
150 159.7 123.0 184.4
115 50.6 39.9 59.9



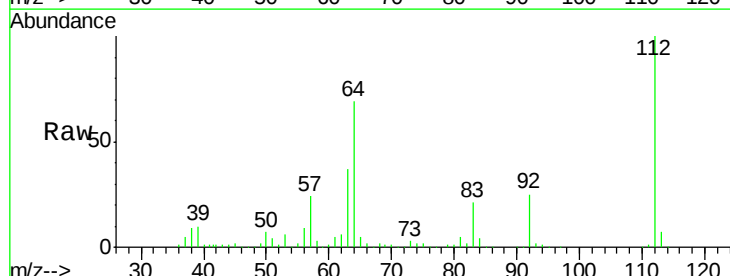
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



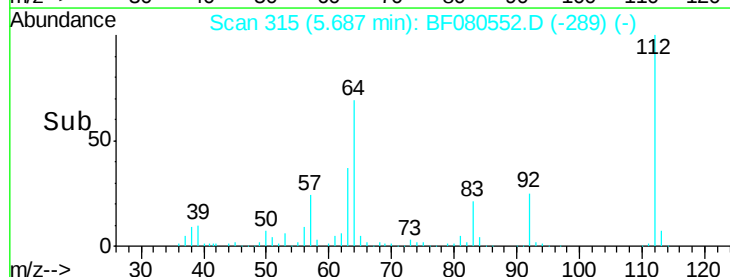
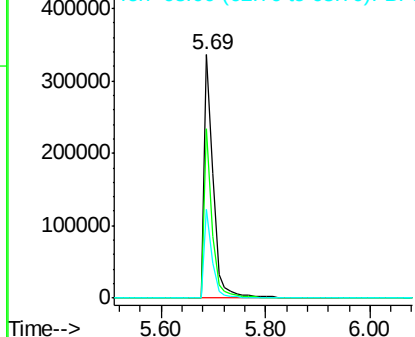
#5

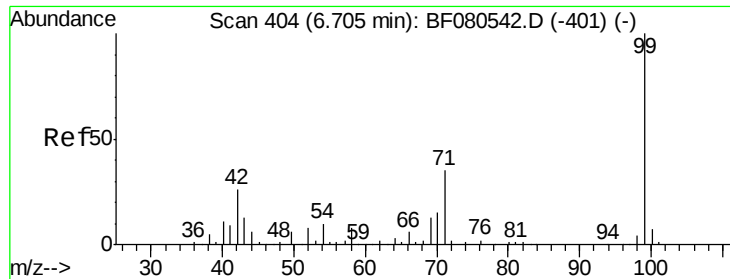
2-Fluorophenol
Concen: 112.35 ng
RT: 5.69 min Scan# 315
Delta R.T. 0.00 min
Lab File: BF080552.D
Acq: 18 Jul 2015 00:34

Tgt Ion:112 Resp: 409862
Ion Ratio Lower Upper
112 100
64 69.3 54.1 81.1
63 36.7 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: 120.60 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF080552.D

Acq: 18 Jul 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB84537TB

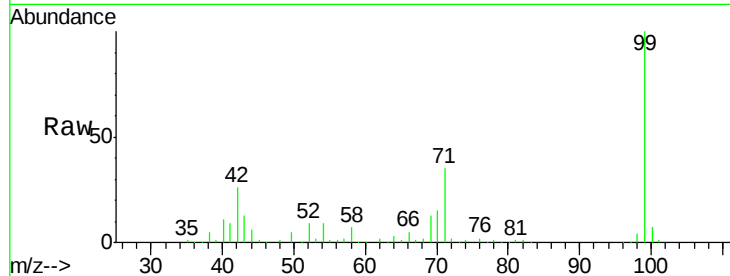
Tot Ion: 99 Resp: 500660

Ion Ratio Lower Upper

99 100

42 26.4 21.0 31.4

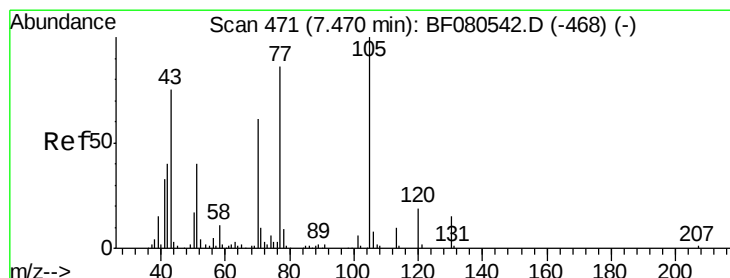
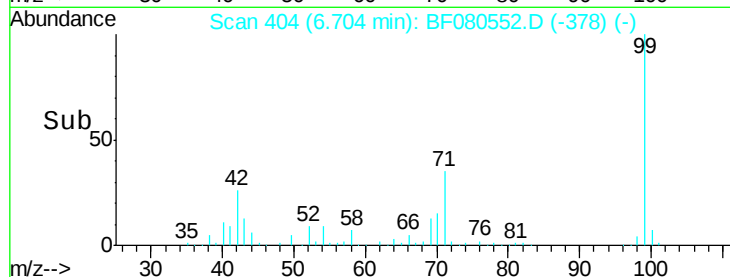
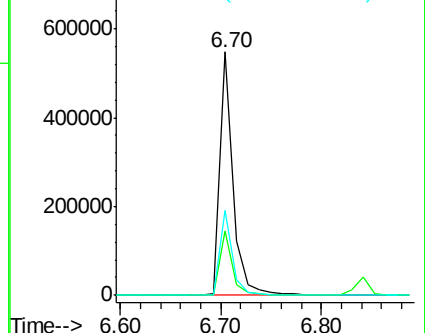
71 35.0 28.4 42.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.63 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.16 min

Lab File: BF080552.D

Acq: 18 Jul 2015 00:34

Tgt Ion: 70 Resp: 37473

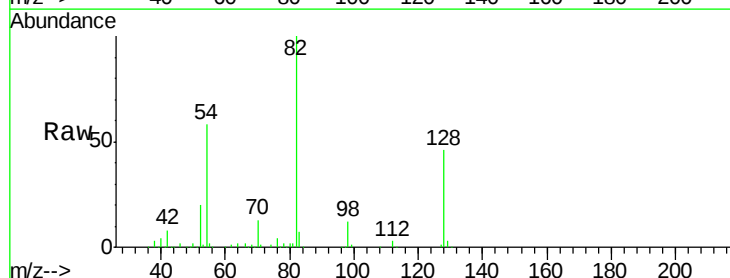
Ion Ratio Lower Upper

70 100

42 60.6 52.6 78.8

101 0.0 8.3 12.5#

130 2.4 19.6 29.4#

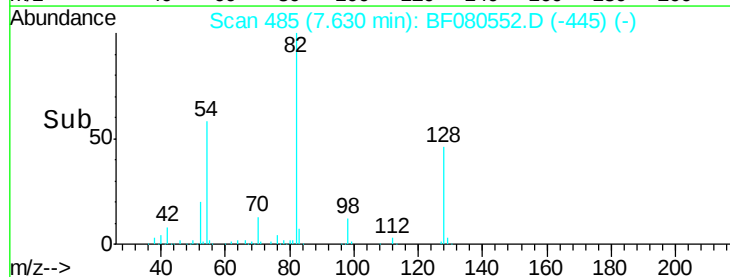
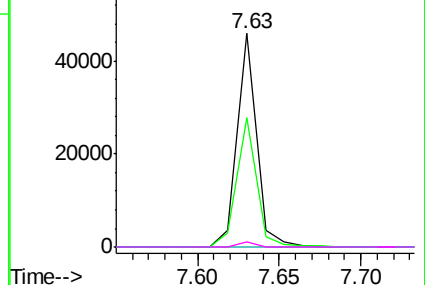


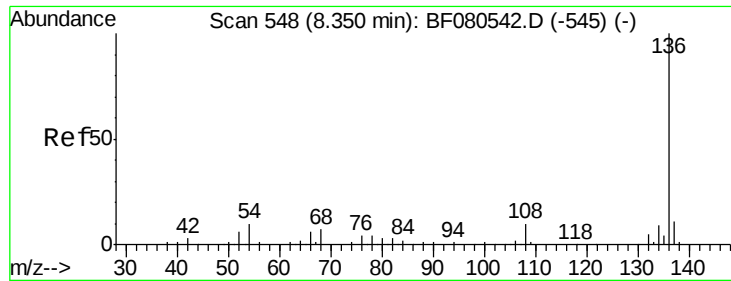
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

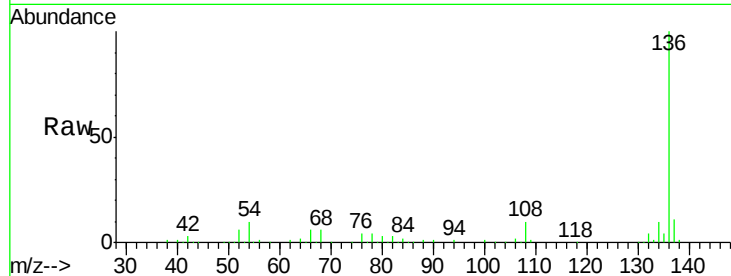




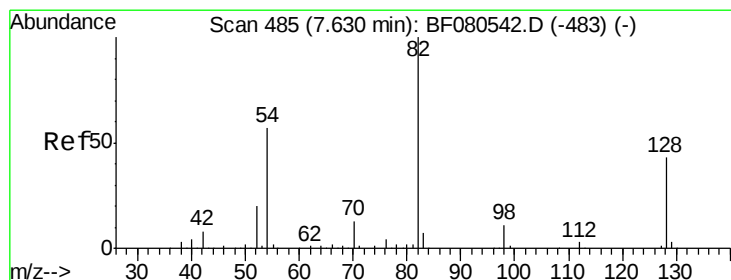
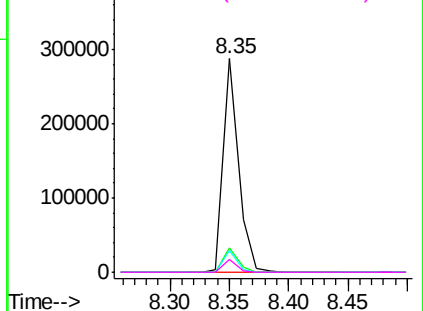
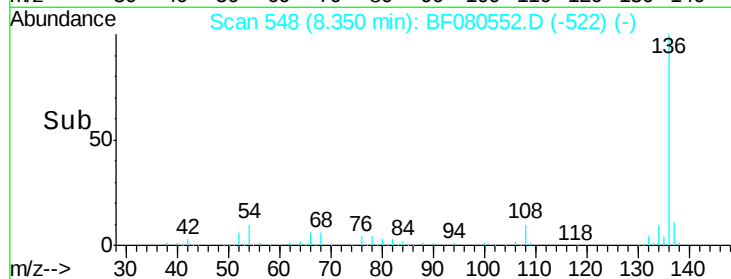
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.35 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF080552.D
Acq: 18 Jul 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB84537TB

Tot Ion:	136	Resp:	253625
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.1	8.3	12.5
68	6.1	5.4	8.2

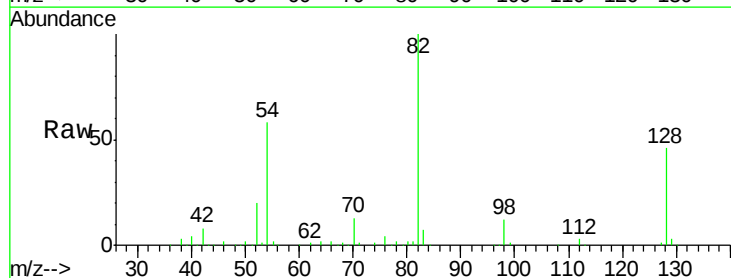


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

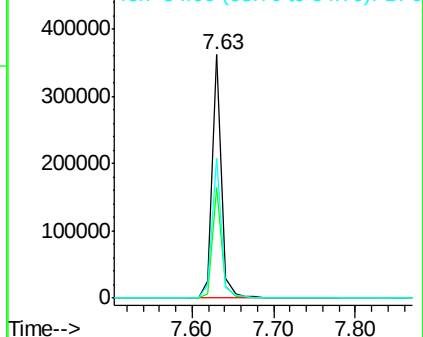
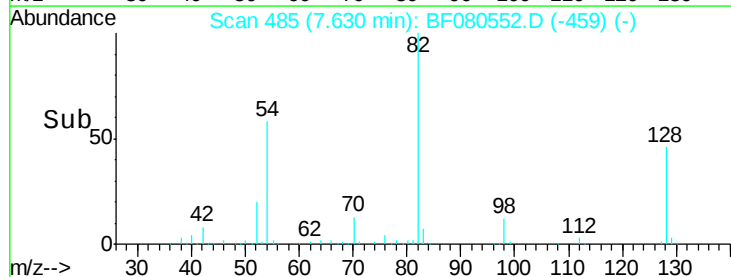


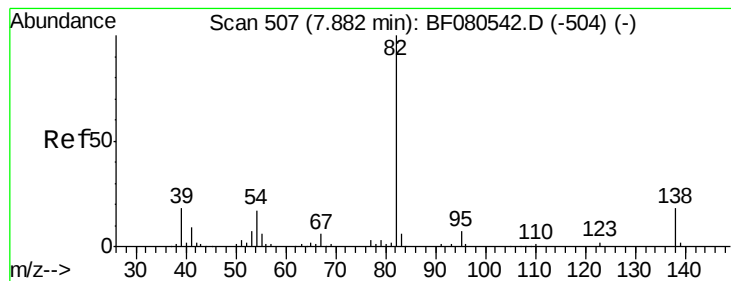
#23
Nitrobenzene-d5
Concen: 74.68 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080552.D
Acq: 18 Jul 2015 00:34

Tgt Ion:	82	Resp:	297071
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	51.8
54	57.7	45.8	68.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 39.12 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.25 min

Lab File: BF080552.D

Acq: 18 Jul 2015 00:34

Instrument :

BNA_F

ClientSampleID :

PB84537TB

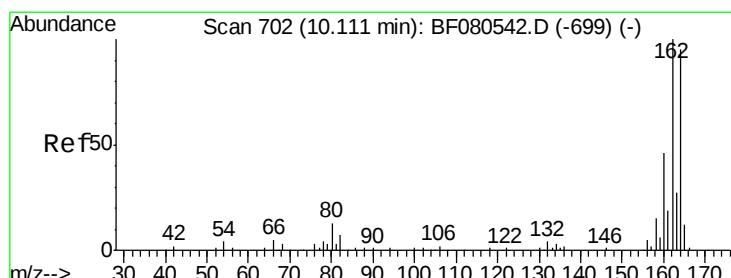
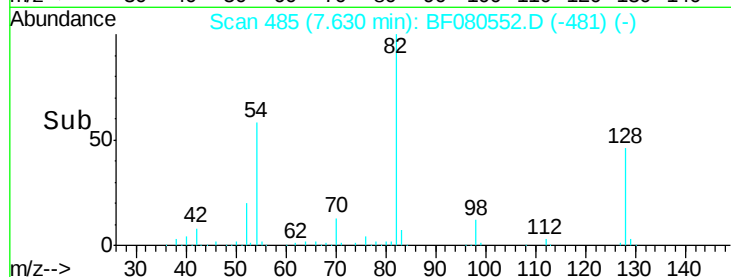
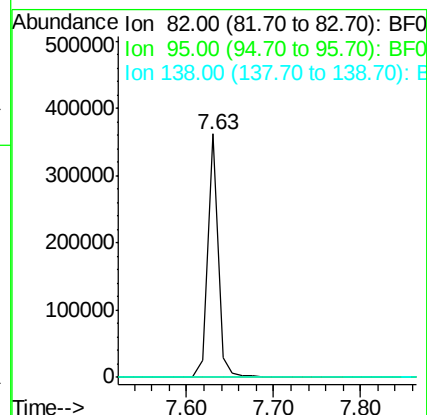
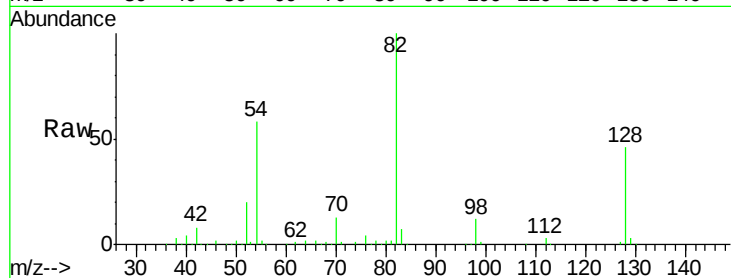
Tot Ion: 82 Resp: 297066

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: BF080552.D

Acq: 18 Jul 2015 00:34

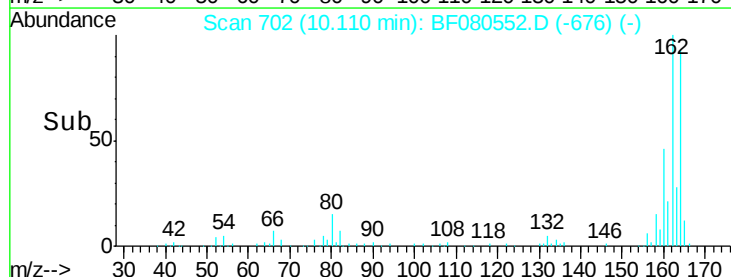
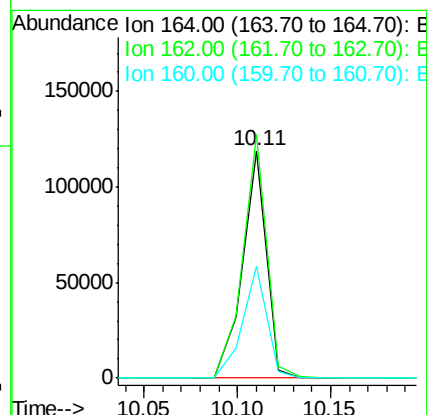
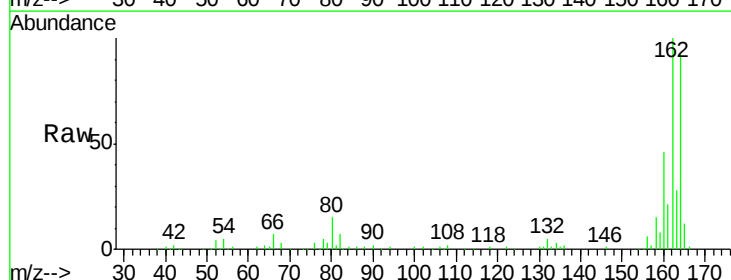
Tgt Ion:164 Resp: 106219

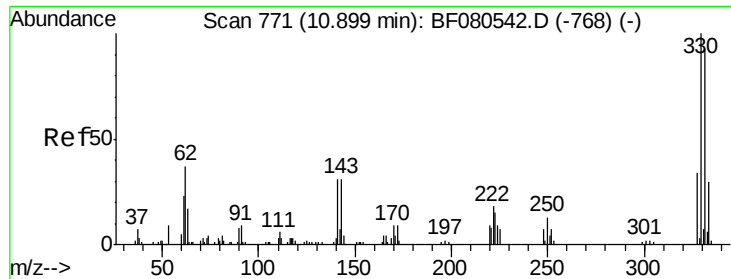
Ion Ratio Lower Upper

164 100

162 107.2 84.1 126.1

160 49.0 38.8 58.2

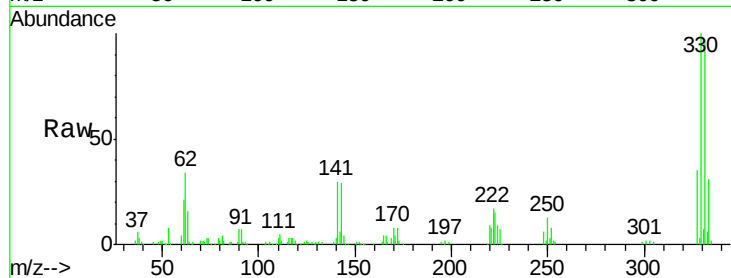




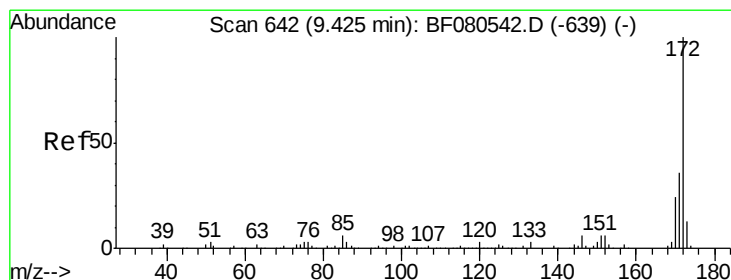
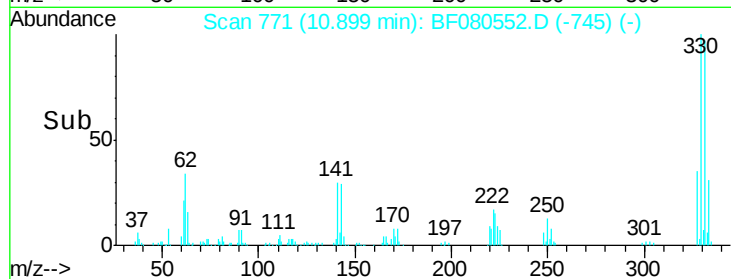
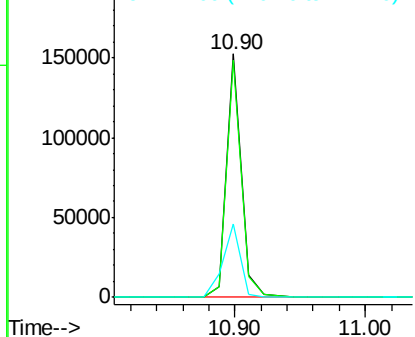
#41
 2,4,6-Tribromophenol
 Concen: 127.61 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF080552.D
 Acq: 18 Jul 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84537TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	74.3	111.5
141	36.0	29.0	43.4

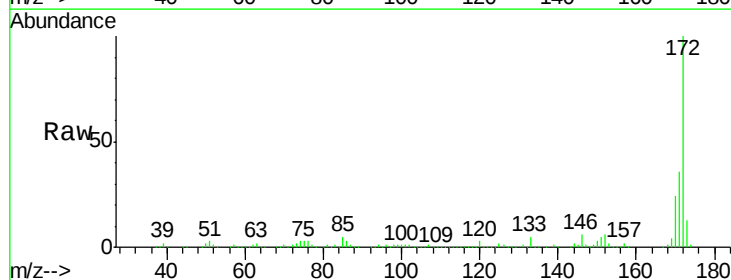


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

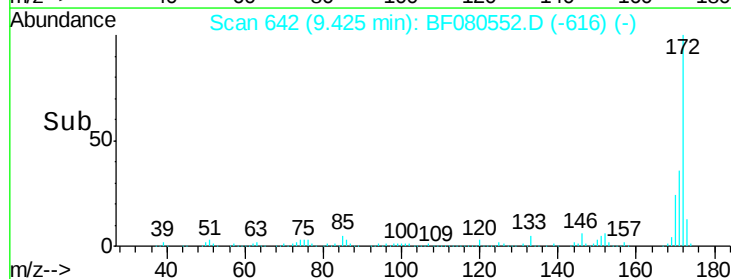
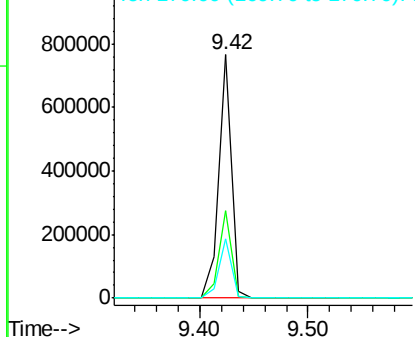


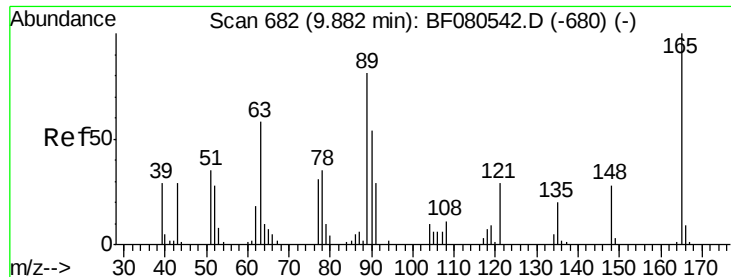
#44
 2-Fluorobiphenyl
 Concen: 83.30 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF080552.D
 Acq: 18 Jul 2015 00:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	24.1	19.0	28.4



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

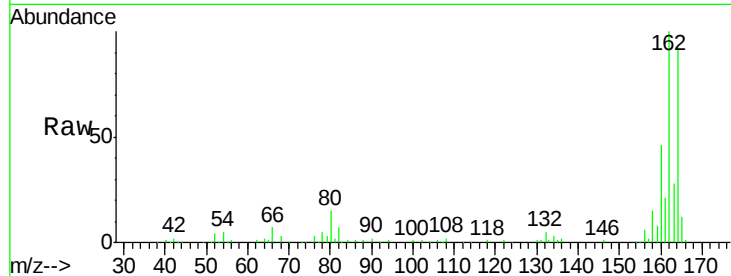




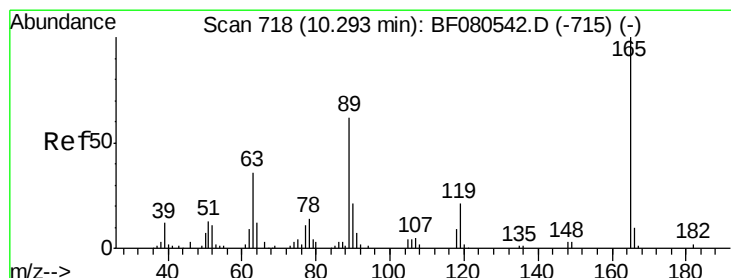
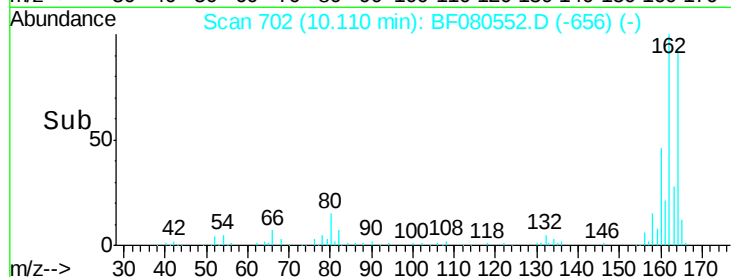
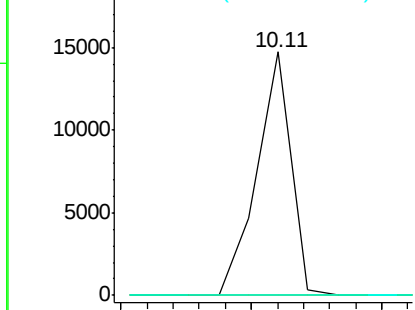
#50
 2,6-Dinitrotoluene
 Concen: 11.94 ng
 RT: 10.11 min Scan# 702
 Delta R.T. 0.23 min
 Lab File: BF080552.D
 Acq: 18 Jul 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84537TB

Tot Ion:165 Resp: 13551
 Ion Ratio Lower Upper
 165 100
 63 0.0 74.5 111.7#
 89 0.0 64.6 97.0#

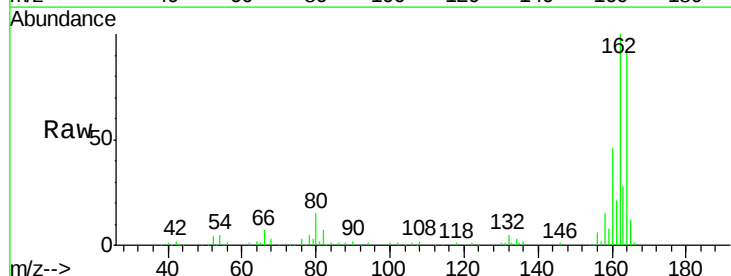


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

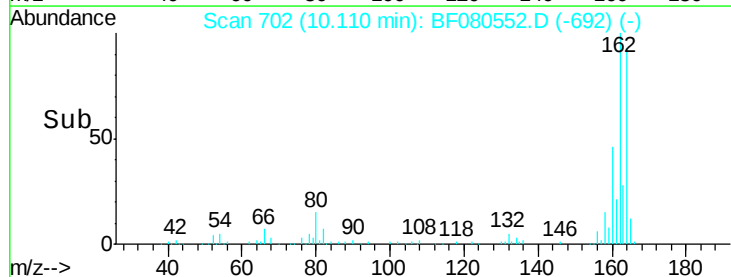
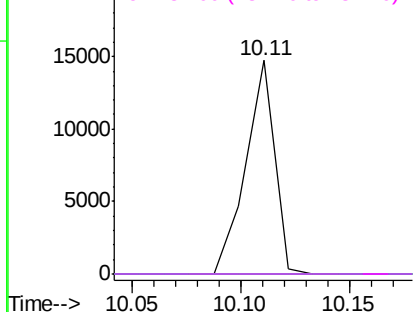


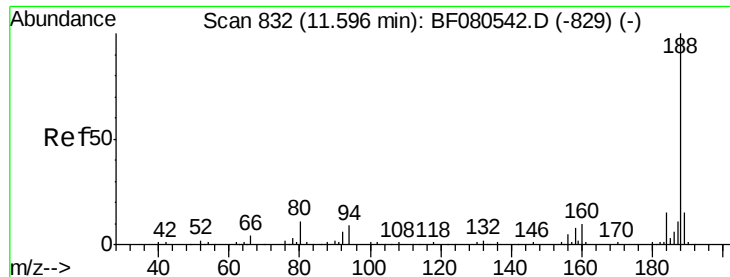
#56
 2,4-Dinitrotoluene
 Concen: 8.92 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.18 min
 Lab File: BF080552.D
 Acq: 18 Jul 2015 00:34

Tgt Ion:165 Resp: 13551
 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#



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

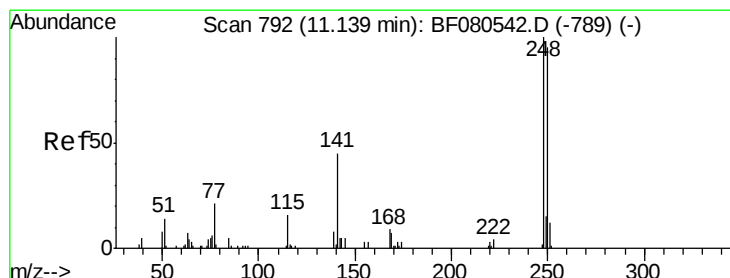
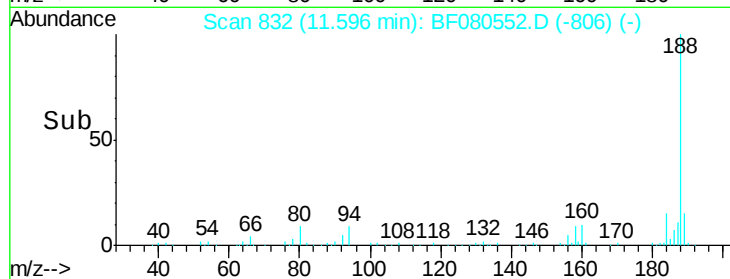
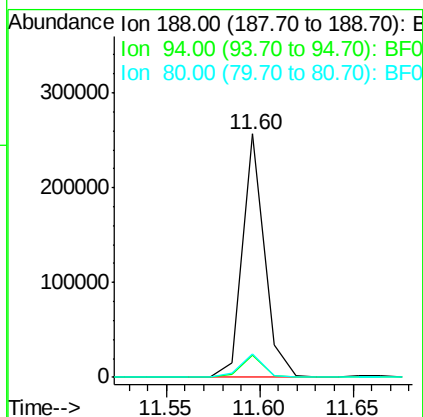
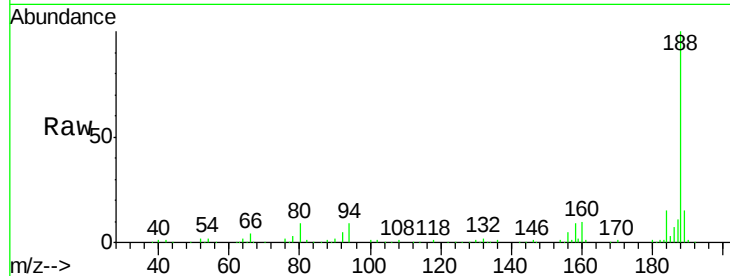




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF080552.D
Acq: 18 Jul 2015 00:34

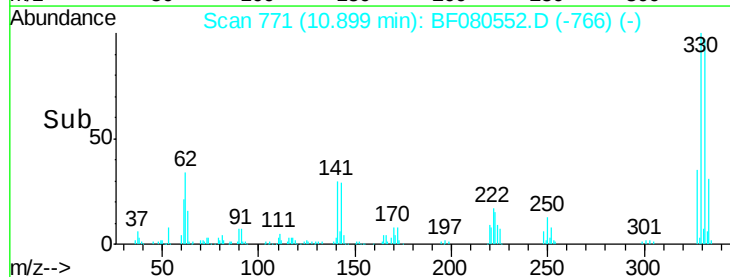
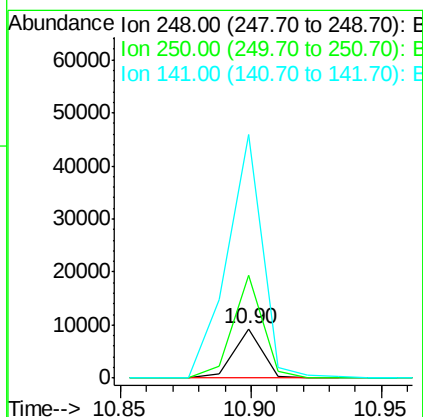
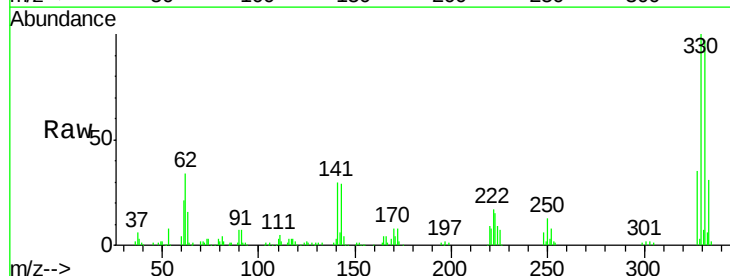
Instrument :
BNA_F
ClientSampleId :
PB84537TB

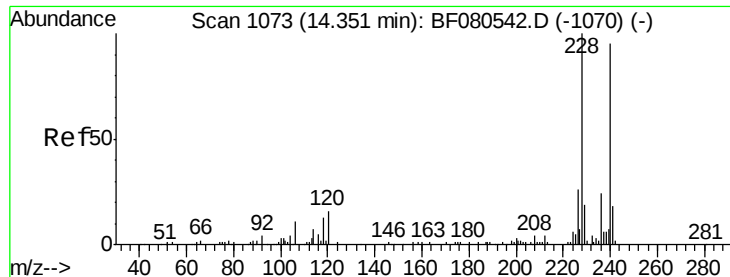
Tot Ion:188 Resp: 212044
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 9.5 8.6 12.8



#66
4-Bromophenyl-phenylether
Concen: 3.71 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.24 min
Lab File: BF080552.D
Acq: 18 Jul 2015 00:34

Tgt Ion:248 Resp: 7221
Ion Ratio Lower Upper
248 100
250 209.6 76.4 114.6#
141 494.9 36.0 54.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.39 min Scan# 1076

Delta R.T. 0.03 min

Lab File: BF080552.D

Acq: 18 Jul 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB84537TB

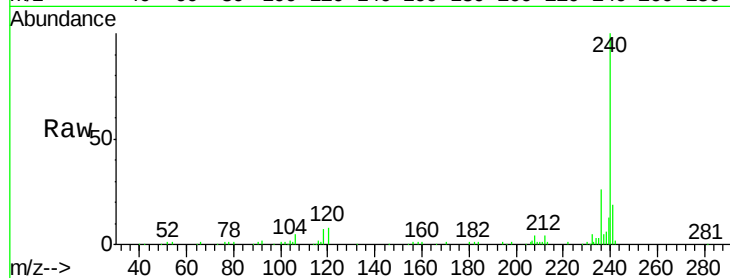
Tot Ion:240 Resp: 157359

Ion Ratio Lower Upper

240 100

120 8.2 13.6 20.4#

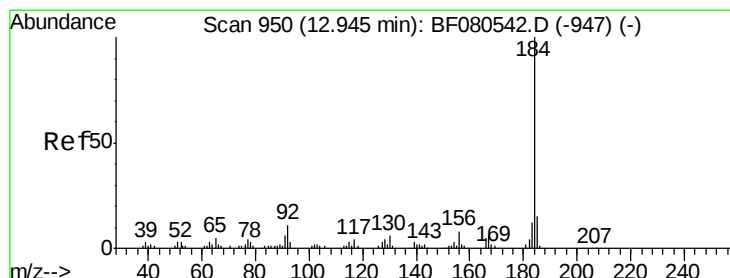
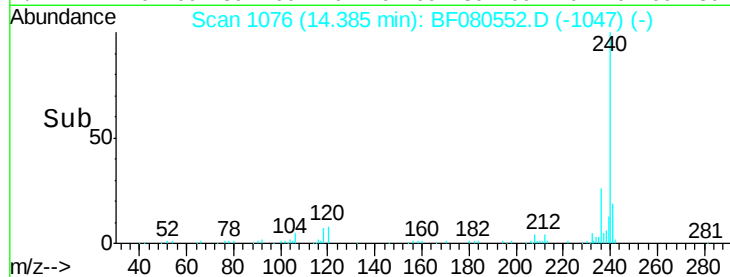
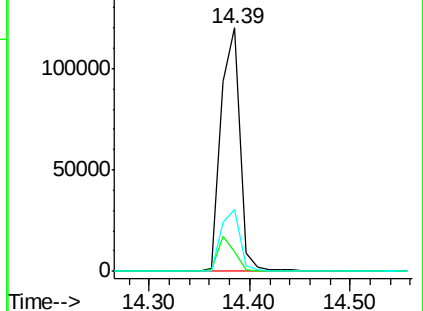
236 25.7 20.2 30.4



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



#76

Benzidine

Concen: 2.06 ng

RT: 13.21 min Scan# 973

Delta R.T. 0.26 min

Lab File: BF080552.D

Acq: 18 Jul 2015 00:34

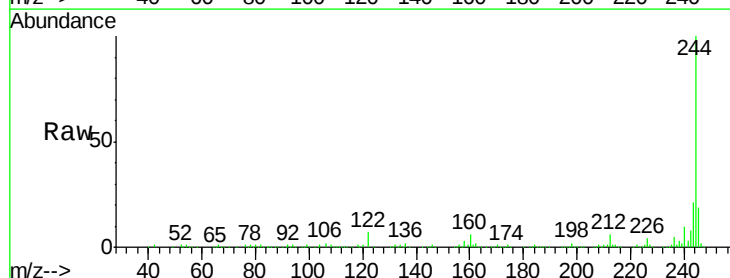
Tgt Ion:184 Resp: 8675

Ion Ratio Lower Upper

184 100

185 17.3 11.9 17.9

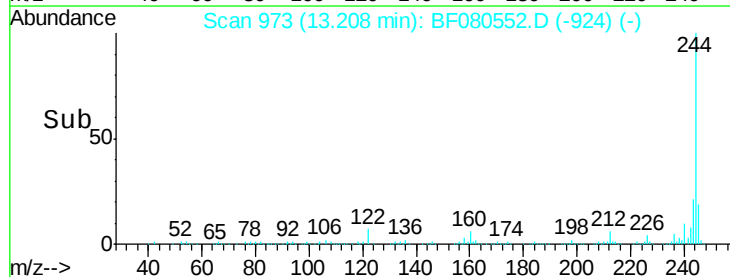
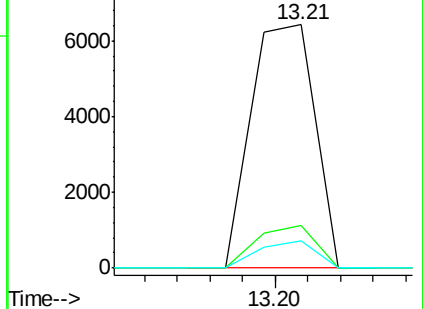
183 11.5 9.3 13.9

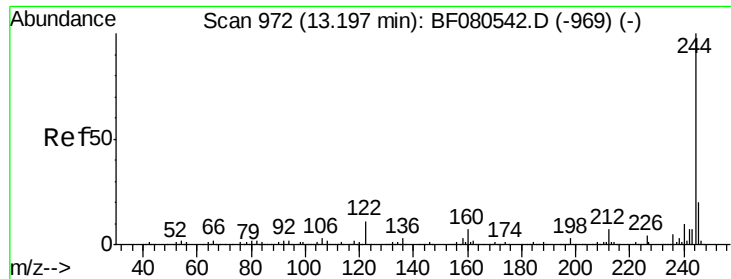


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

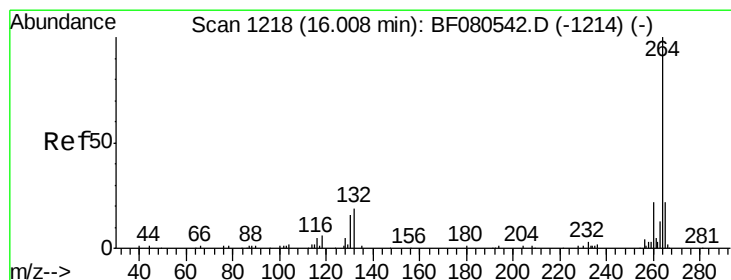
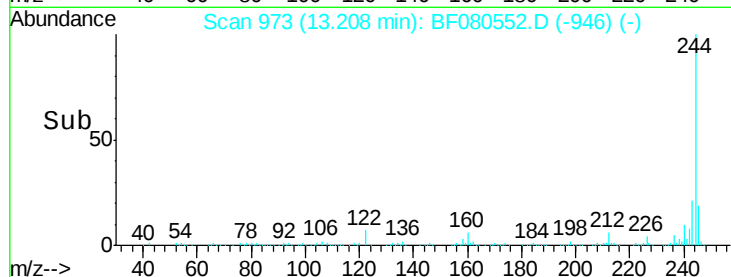
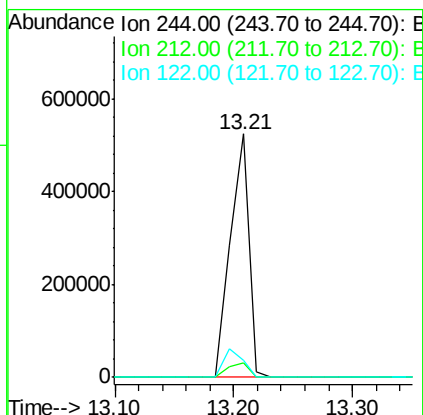
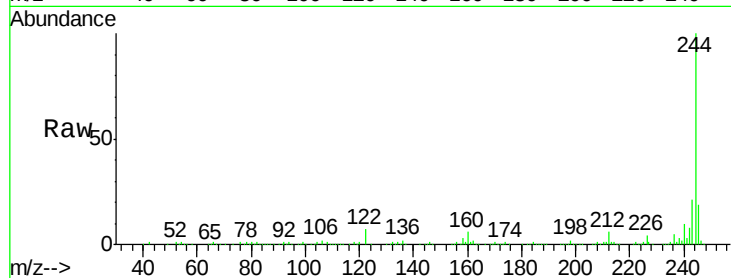




#78
 Terphenyl-d14
 Concen: 80.35 ng
 RT: 13.21 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BF080552.D
 Acq: 18 Jul 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB84537TB

Tot Ion:244 Resp: 566217
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.5 8.3
 122 7.1 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.07 min Scan# 1223
 Delta R.T. 0.06 min
 Lab File: BF080552.D
 Acq: 18 Jul 2015 00:34

Tgt Ion:264 Resp: 145353
 Ion Ratio Lower Upper
 264 100
 260 22.2 17.8 26.8
 265 20.0 17.2 25.8

