

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062615\NEW FOLDER\BF062615\
 Data File : BF080199.D
 Acq On : 26 Jun 2015 19:56
 Operator : TP/IZ
 Sample : G2785-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 29 09:32:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

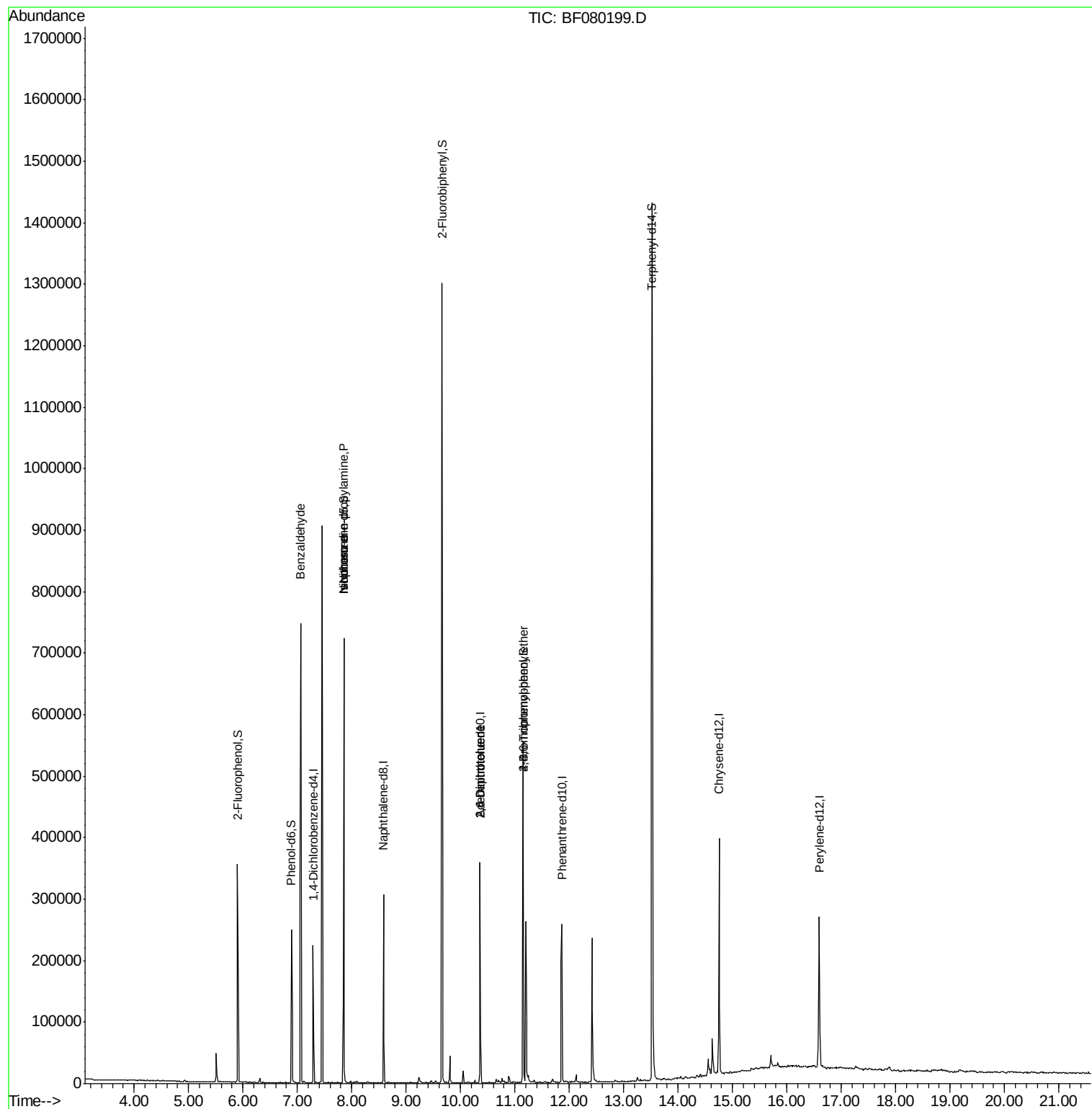
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	33137	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	130319	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	66979	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	129029	20.00	ng	-0.05
75) Chrysene-d12	14.76	240	146598	20.00	ng	-0.24
86) Perylene-d12	16.60	264	142637	20.00	ng	-0.33
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	113090	60.41	ng	-0.03
7) Phenol-d6	6.89	99	92745	37.23	ng	-0.03
23) Nitrobenzene-d5	7.85	82	208455	93.12	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	84588	129.15	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	402309	85.66	ng	-0.03
78) Terphenyl-d14	13.52	244	513234	81.76	ng	-0.15
Target Compounds						
9) Benzaldehyde	7.06	77	4985	3.47	ng	# 62
19) n-Nitroso-di-n-propylamine	7.85	70	27001	15.61	ng	# 56
25) Isophorone	7.85	82	208450	46.27	ng	# 58
50) 2,6-Dinitrotoluene	10.36	165	8334	8.26	ng	# 37
56) 2,4-Dinitrotoluene	10.36	165	8332	6.50	ng	# 31
66) 4-Bromophenyl-phenylether	11.16	248	6062	4.42	ng	# 1

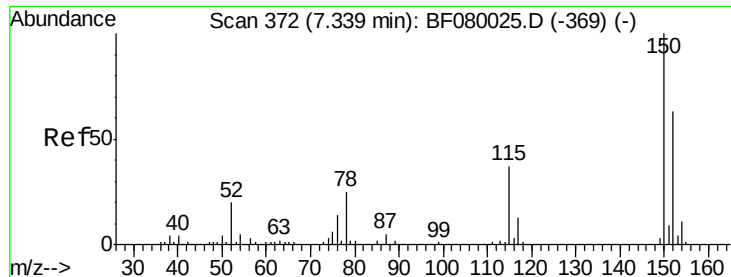
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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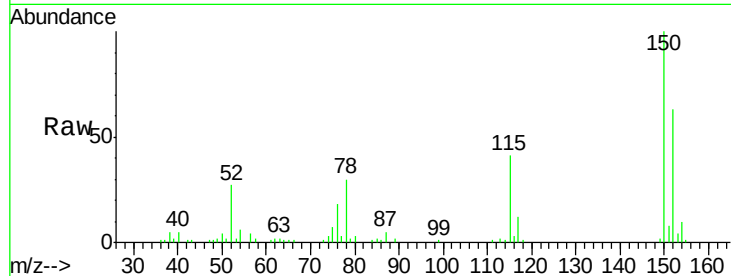


#1

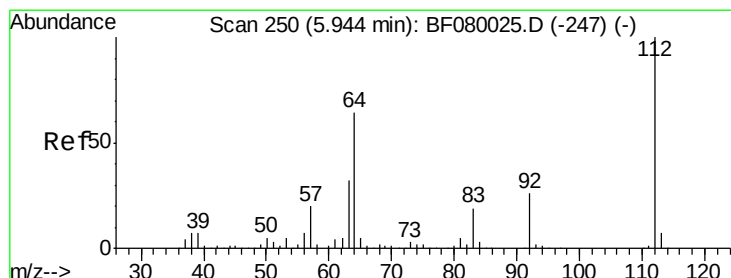
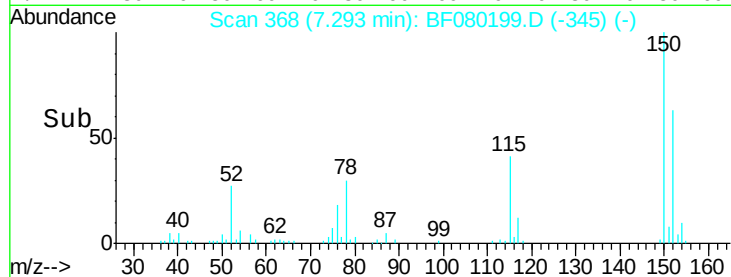
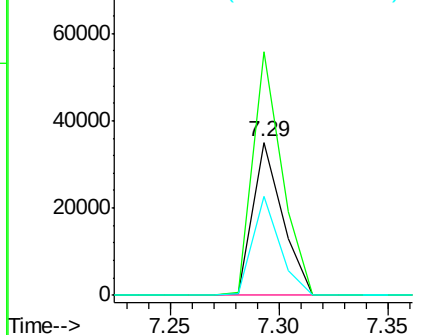
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. -0.03 min
Lab File: BF080199.D
Acq: 26 Jun 2015 19:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 33137
Ion Ratio Lower Upper
152 100
150 159.0 124.7 187.1
115 65.0 39.0 58.4#



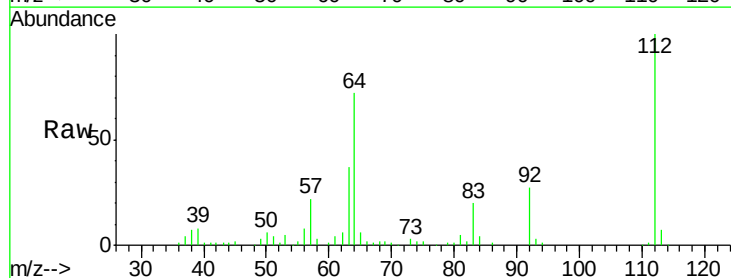
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



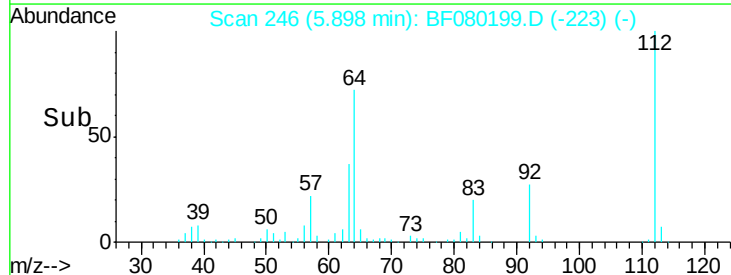
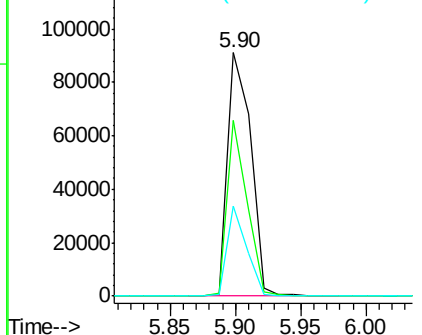
#5

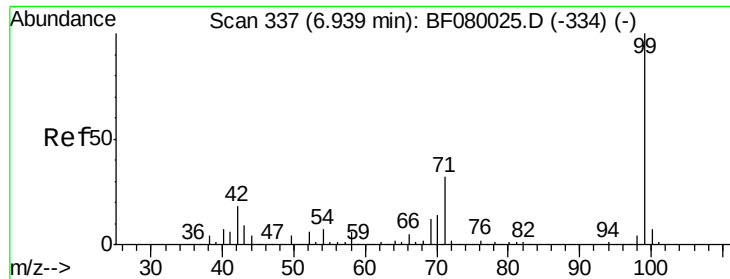
2-Fluorophenol
Concen: 60.41 ng
RT: 5.90 min Scan# 246
Delta R.T. -0.03 min
Lab File: BF080199.D
Acq: 26 Jun 2015 19:56

Tgt Ion:112 Resp: 113090
Ion Ratio Lower Upper
112 100
64 72.1 39.7 59.5#
63 36.9 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: 37.23 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080199.D

Acq: 26 Jun 2015 19:56

Instrument :

BNA_F

ClientSampled :

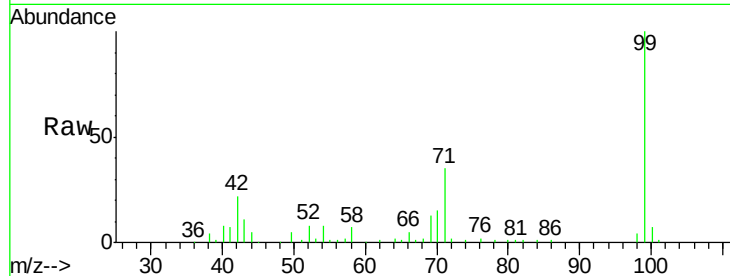
Tot Ion: 99 Resp: 92745

Ion Ratio Lower Upper

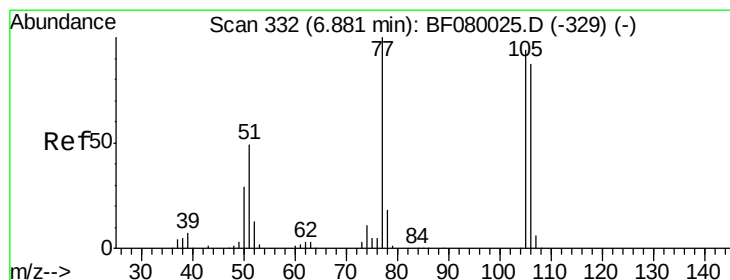
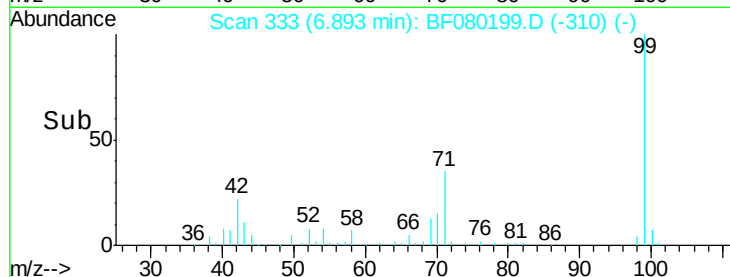
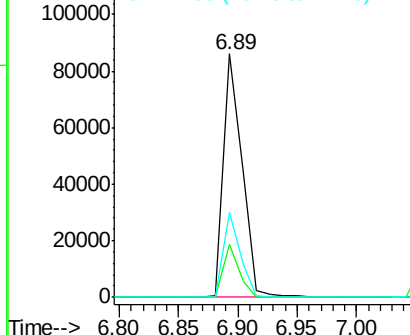
99 100

42 21.6 13.7 20.5#

71 35.1 14.2 21.2#



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



#9

Benzaldehyde

Concen: 3.47 ng

RT: 7.06 min Scan# 348

Delta R.T. 0.19 min

Lab File: BF080199.D

Acq: 26 Jun 2015 19:56

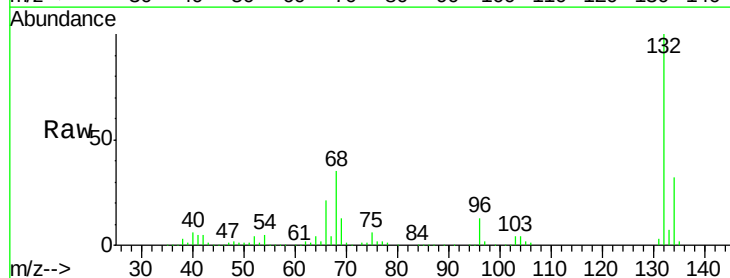
Tgt Ion: 77 Resp: 4985

Ion Ratio Lower Upper

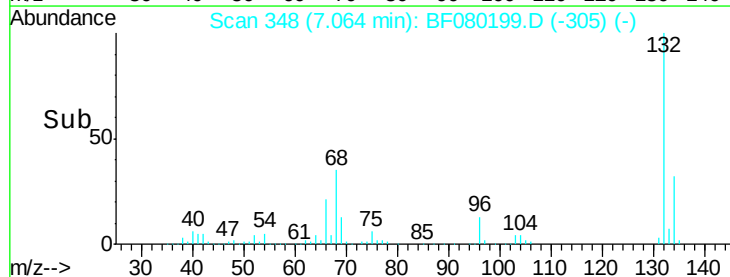
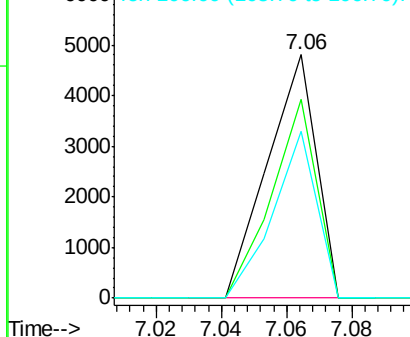
77 100

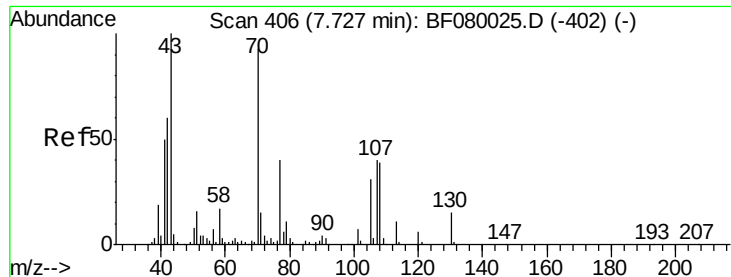
105 81.6 91.6 131.6#

106 68.7 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

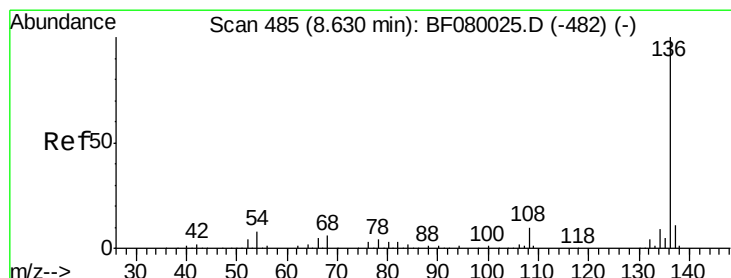
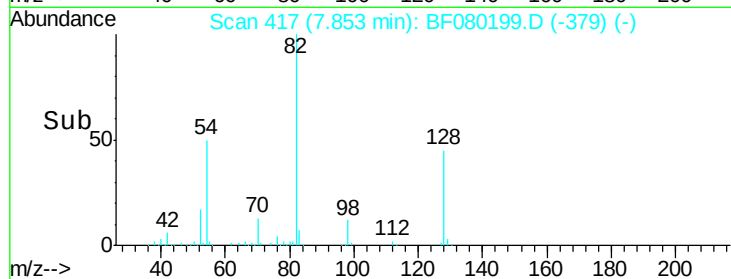
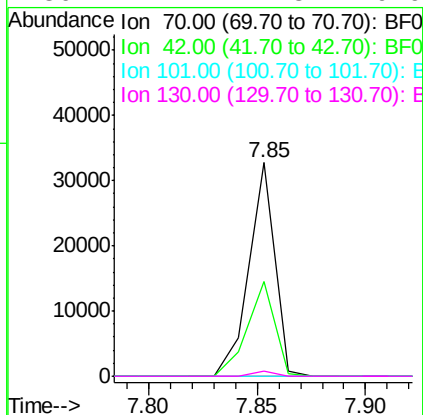
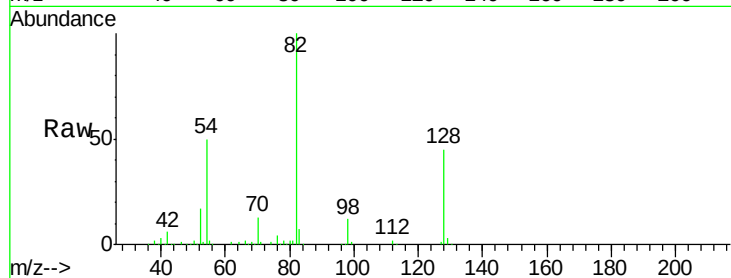




#19
n-Nitroso-di-n-propylamine
Concen: 15.61 ng
RT: 7.85 min Scan# 417
Delta R.T. 0.14 min
Lab File: BF080199.D
Acq: 26 Jun 2015 19:56

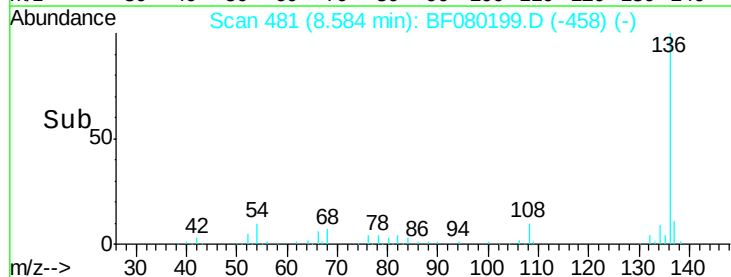
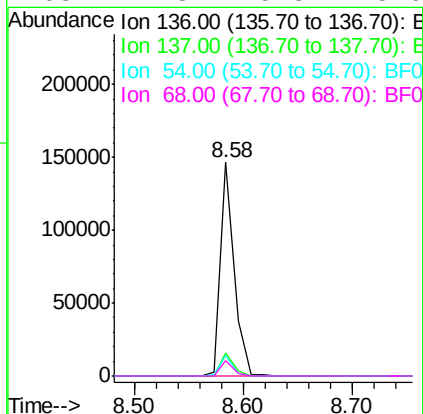
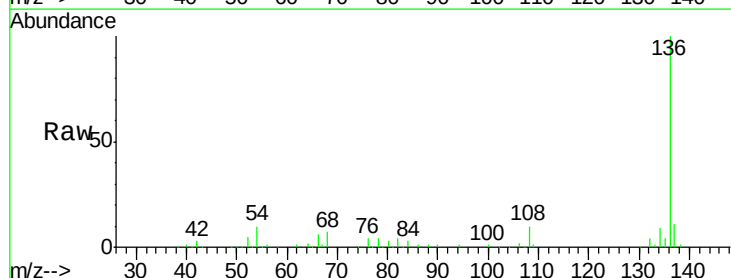
Instrument :
BNA_F
ClientSampled :

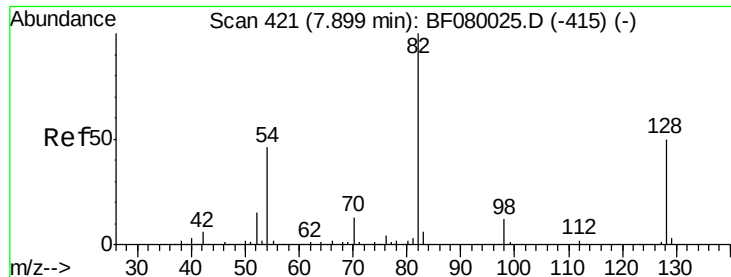
Tot Ion: 70 Resp: 27001
Ion Ratio Lower Upper
70 100
42 44.2 63.8 95.6#
101 0.0 9.2 13.8#
130 2.2 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080199.D
Acq: 26 Jun 2015 19:56

Tgt Ion:136 Resp: 130319
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.8 8.2 12.2
68 7.3 5.8 8.6

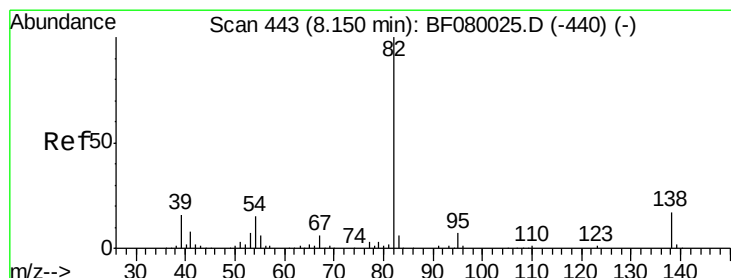
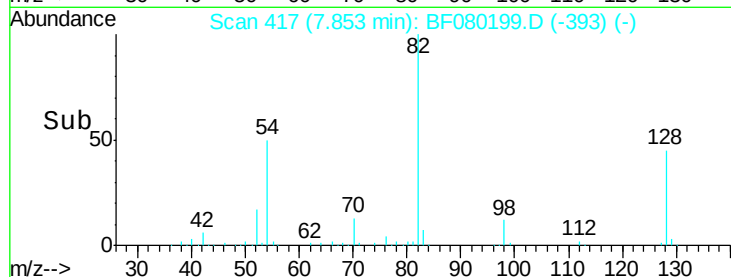
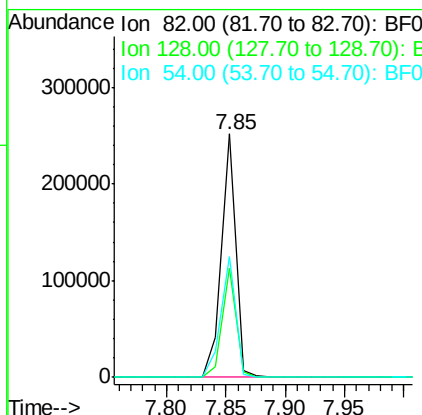
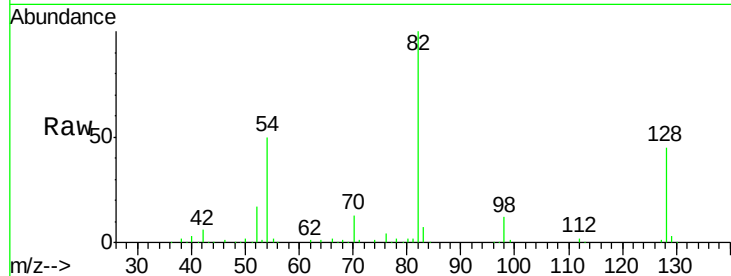




#23
 Nitrobenzene-d5
 Concen: 93.12 ng
 RT: 7.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF080199.D
 Acq: 26 Jun 2015 19:56

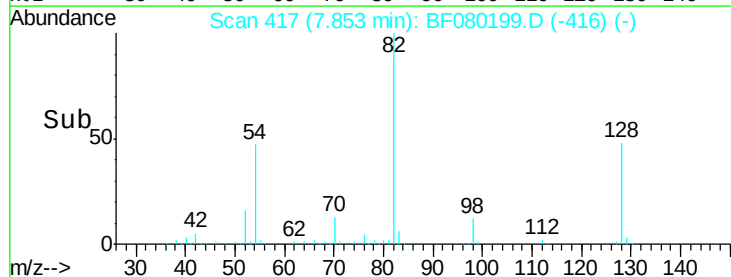
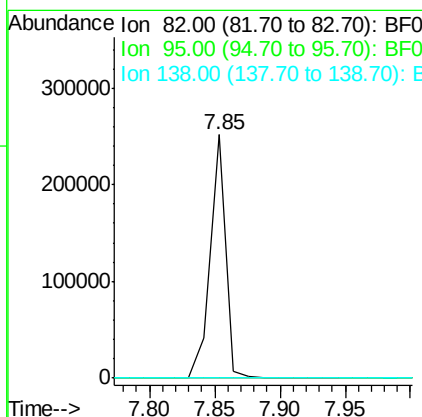
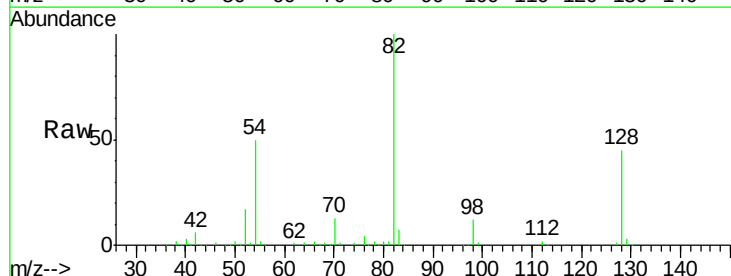
Instrument :
 BNA_F
 ClientSampleId :

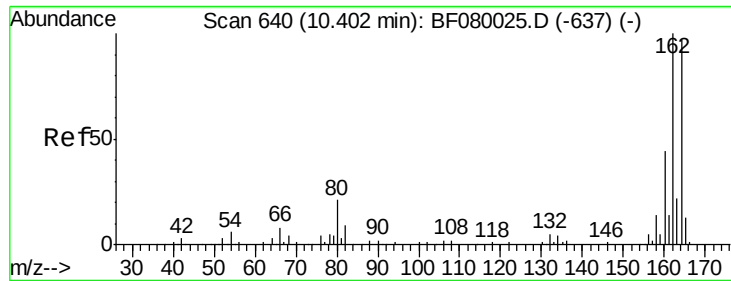
Tot Ion	82	Resp	208455
Ion Ratio	100		
Lower	51.0		
Upper	76.6#		
54	49.7	47.5	71.3



#25
 Isophorone
 Concen: 46.27 ng
 RT: 7.85 min Scan# 417
 Delta R.T. -0.29 min
 Lab File: BF080199.D
 Acq: 26 Jun 2015 19:56

Tgt Ion	82	Resp	208450
Ion Ratio	100		
Lower	4.0		
Upper	6.0#		
95	0.0	18.3	27.5#
138	0.0		





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF080199.D

Acq: 26 Jun 2015 19:56

Instrument :

BNA_F

ClientSampleId :

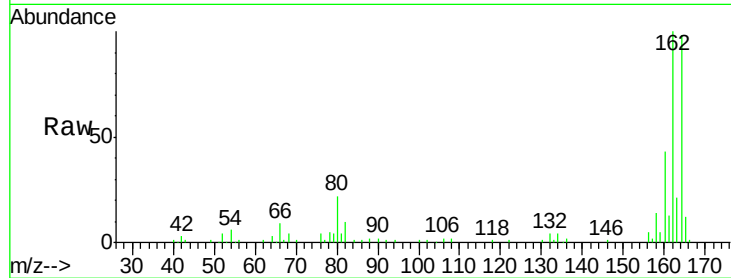
Tot Ion:164 Resp: 66979

Ion Ratio Lower Upper

164 100

162 102.2 75.2 112.8

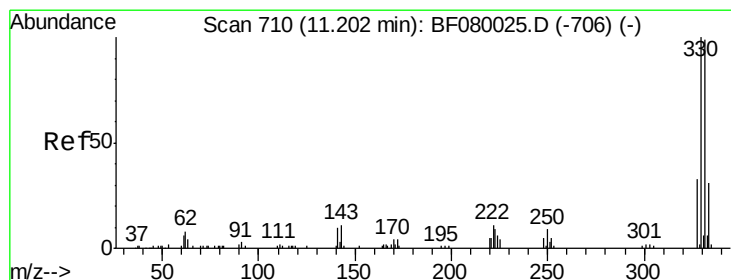
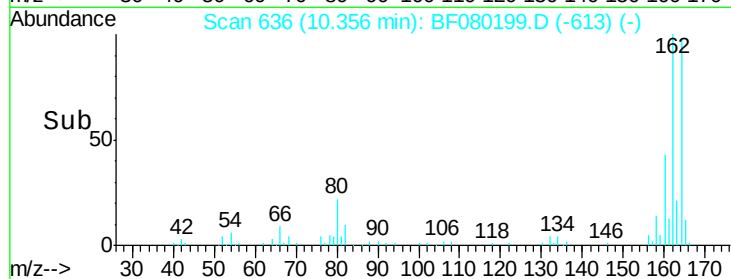
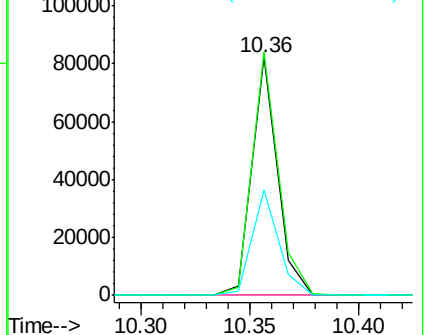
160 44.0 31.5 47.3



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: 129.15 ng

RT: 11.16 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF080199.D

Acq: 26 Jun 2015 19:56

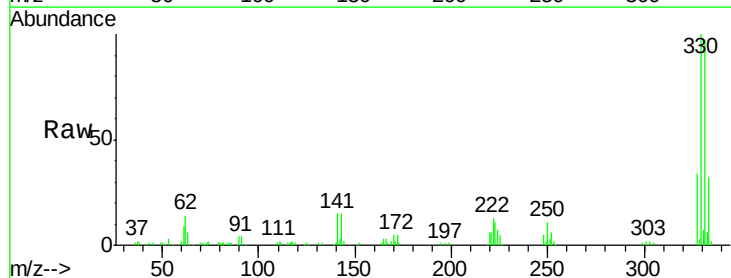
Tgt Ion:330 Resp: 84588

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

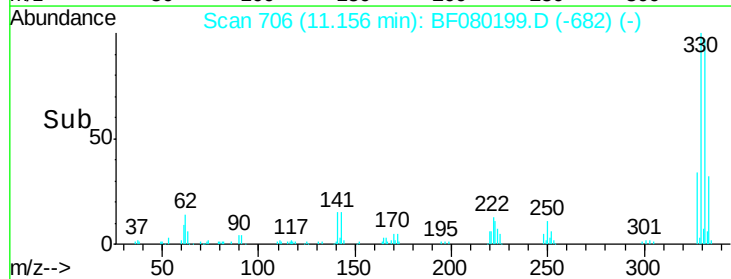
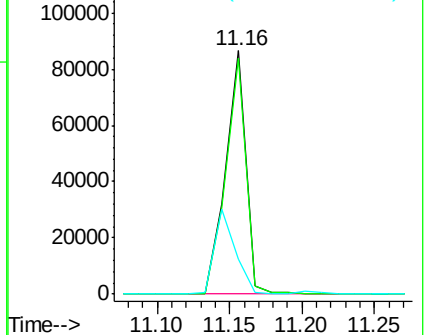
141 35.5 29.7 44.5

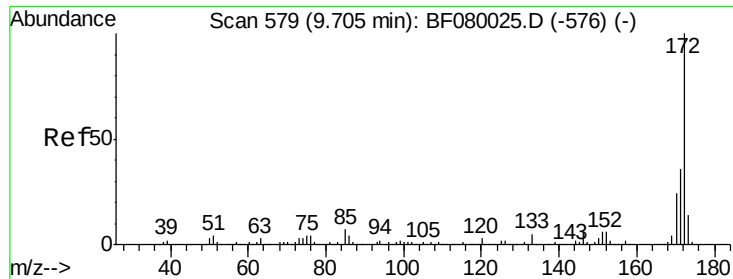


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

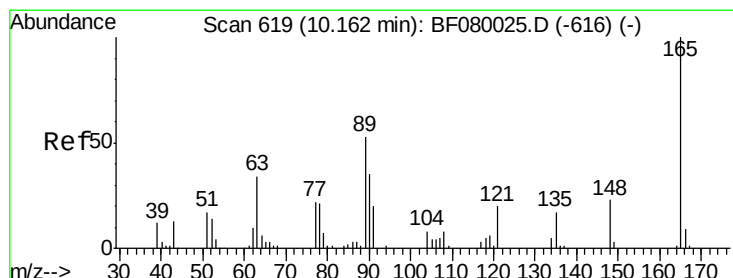
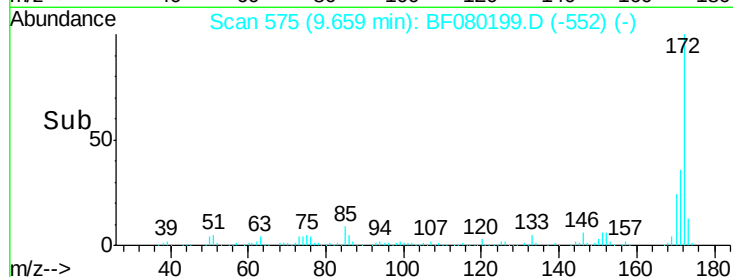
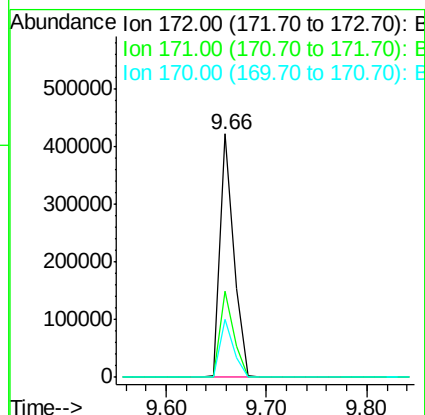
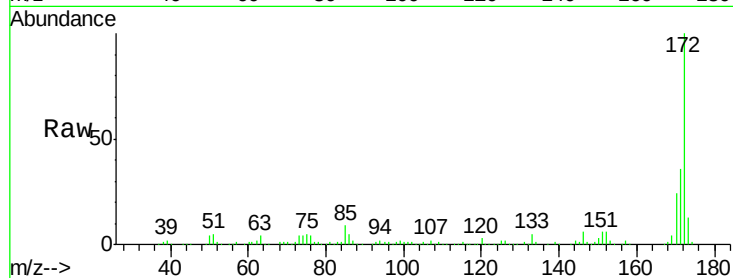




#44
 2-Fluorobiphenyl
 Concen: 85.66 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080199.D
 Acq: 26 Jun 2015 19:56

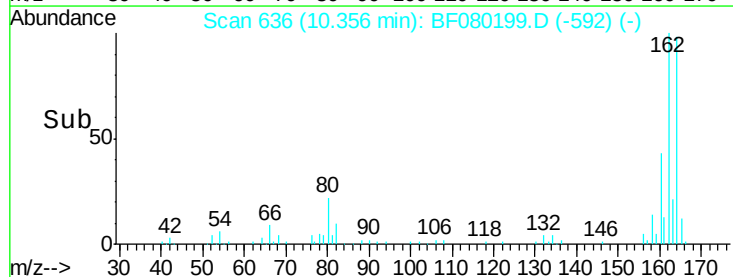
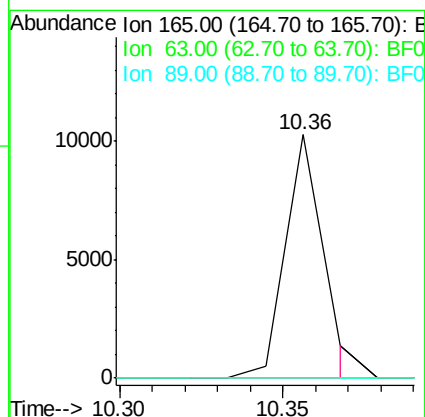
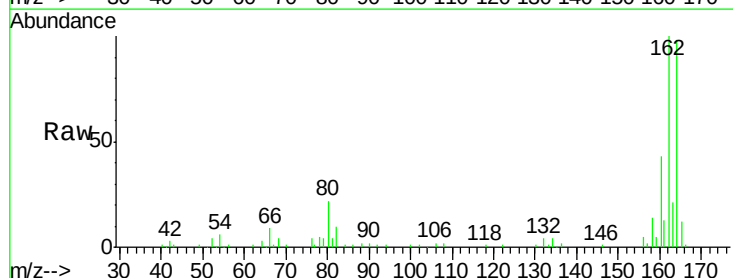
Instrument :
 BNA_F
 ClientSampleId :

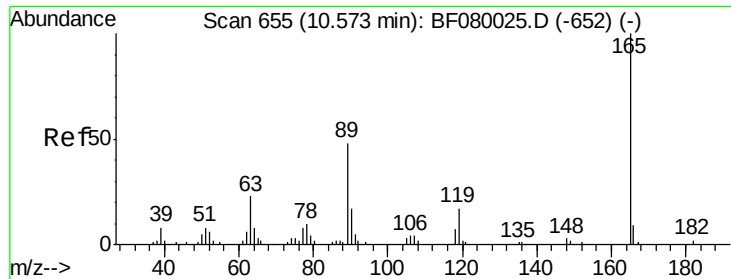
Tot Ion:172 Resp: 402309
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 23.8 17.4 26.2



#50
 2,6-Dinitrotoluene
 Concen: 8.26 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.21 min
 Lab File: BF080199.D
 Acq: 26 Jun 2015 19:56

Tgt Ion:165 Resp: 8334
 Ion Ratio Lower Upper
 165 100
 63 0.0 32.3 48.5#
 89 0.0 28.6 43.0#

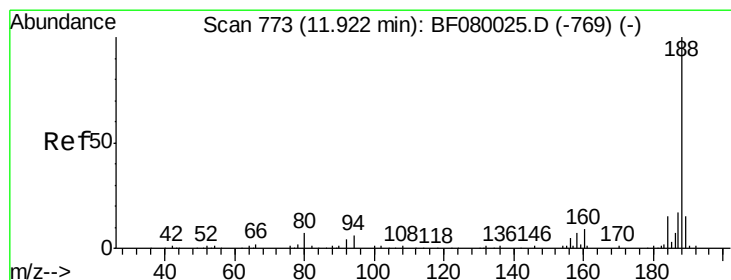
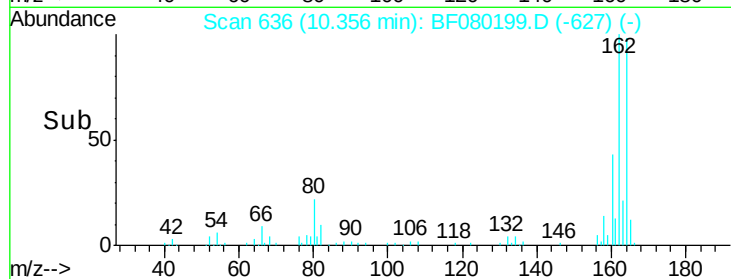
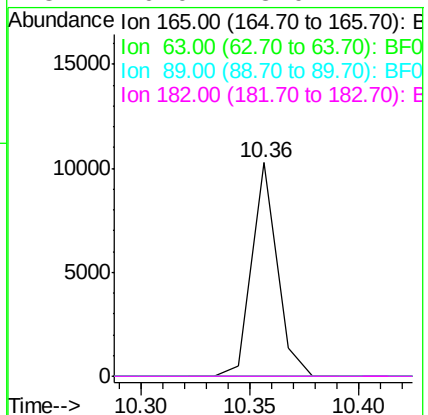
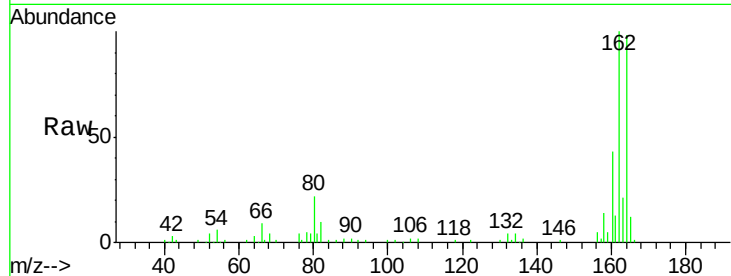




#56
 2,4-Dinitrotoluene
 Concen: 6.50 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.19 min
 Lab File: BF080199.D
 Acq: 26 Jun 2015 19:56

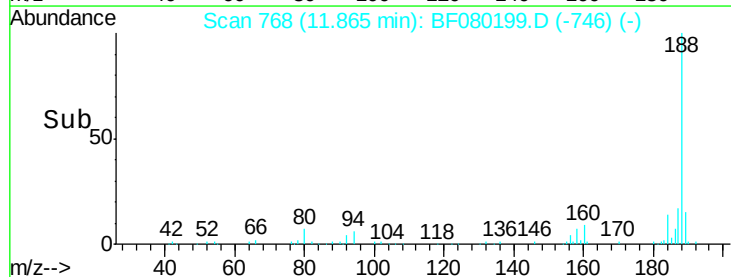
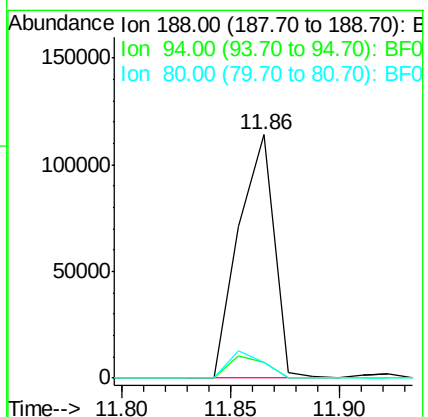
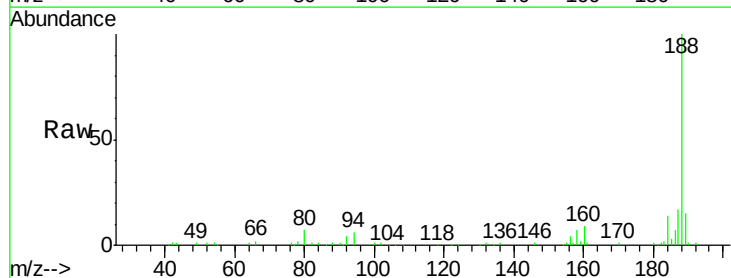
Instrument :
 BNA_F
 ClientSampleId :

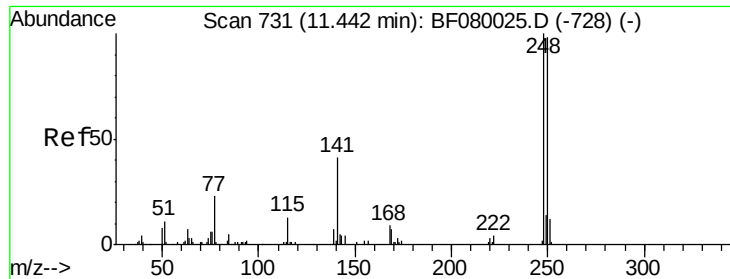
Tot Ion:165	Resp:	8332
Ion Ratio	Lower	Upper
165	100	
63	0.0	29.8 44.6#
89	0.0	44.5 66.7#
182	0.0	3.0 4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.05 min
 Lab File: BF080199.D
 Acq: 26 Jun 2015 19:56

Tgt Ion:188	Resp:	129029
Ion Ratio	Lower	Upper
188	100	
94	6.4	11.1 16.7#
80	6.7	11.0 16.4#

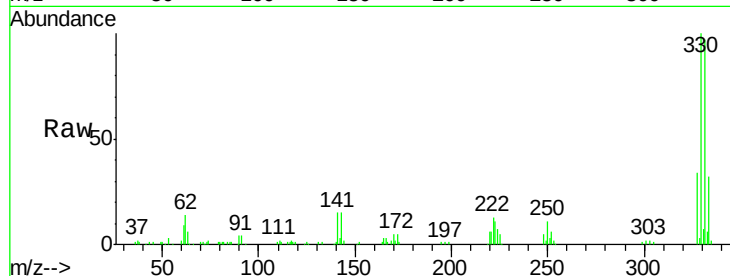




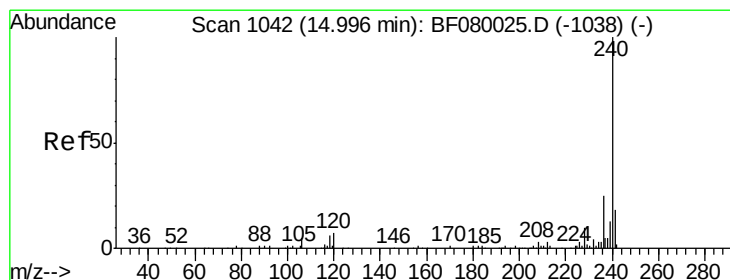
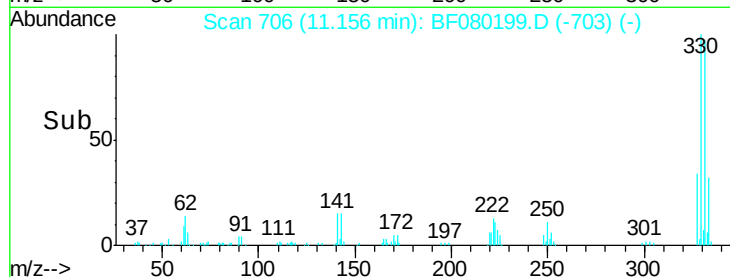
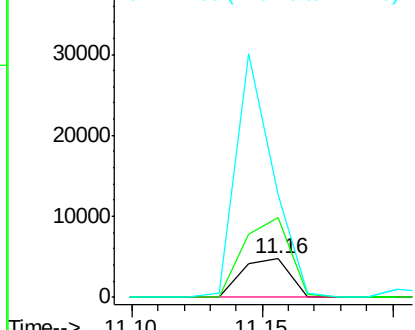
#66
4-Bromophenyl-phenylether
Concen: 4.42 ng
RT: 11.16 min Scan# 706
Delta R.T. -0.26 min
Lab File: BF080199.D
Acq: 26 Jun 2015 19:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6062
Ion Ratio Lower Upper
248 100
250 209.1 78.5 117.7#
141 267.2 59.0 88.6#

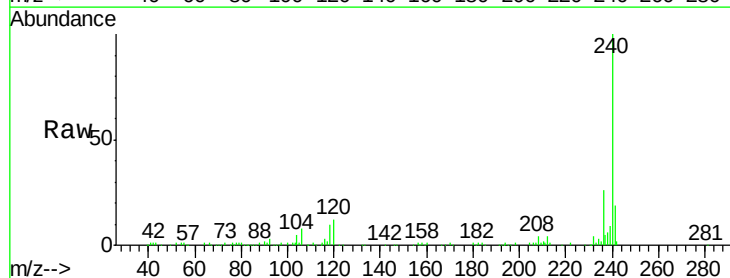


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

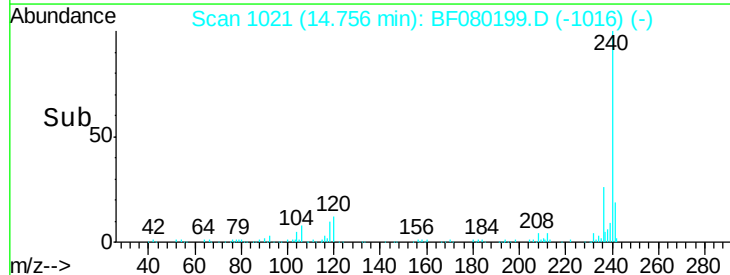
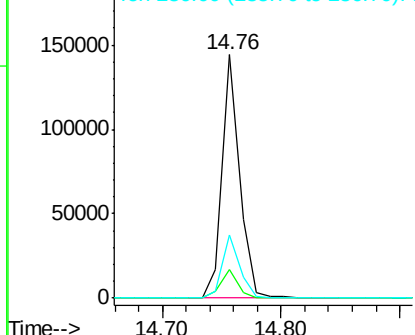


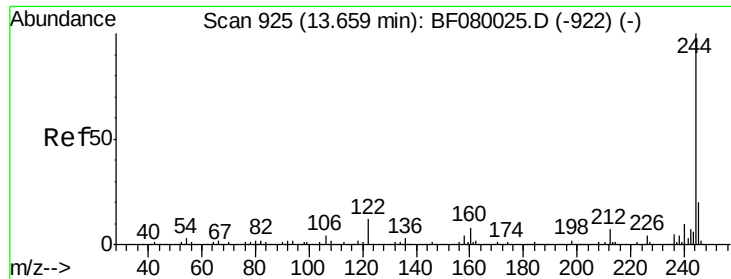
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.76 min Scan# 1021
Delta R.T. -0.24 min
Lab File: BF080199.D
Acq: 26 Jun 2015 19:56

Tgt Ion:240 Resp: 146598
Ion Ratio Lower Upper
240 100
120 12.0 16.2 24.2#
236 25.9 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

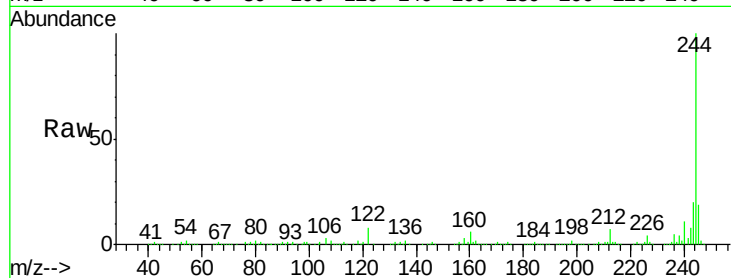




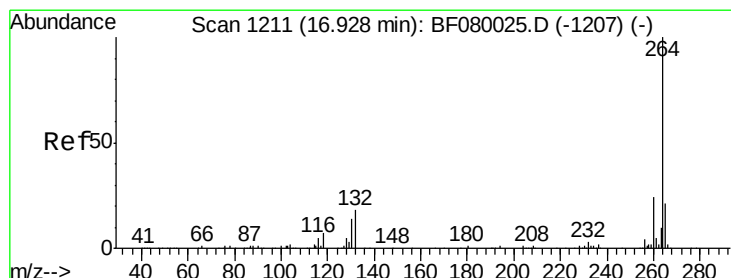
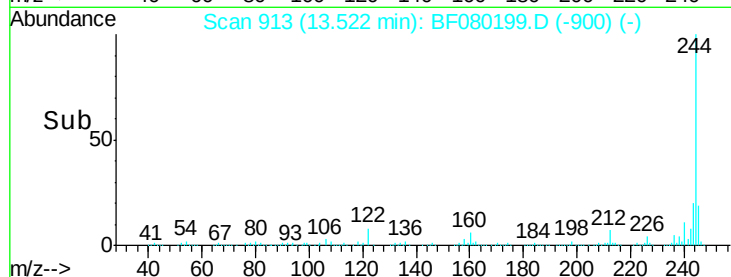
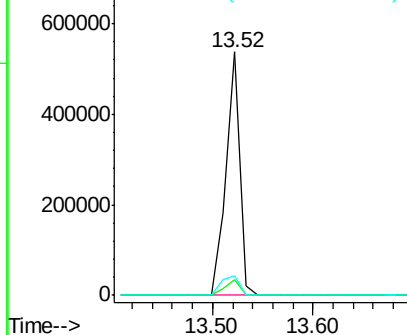
#78
 Terphenyl-d14
 Concen: 81.76 ng
 RT: 13.52 min Scan# 913
 Delta R.T. -0.15 min
 Lab File: BF080199.D
 Acq: 26 Jun 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 513234
 Ion Ratio Lower Upper
 244 100
 212 6.6 4.3 6.5#
 122 8.3 17.4 26.2#

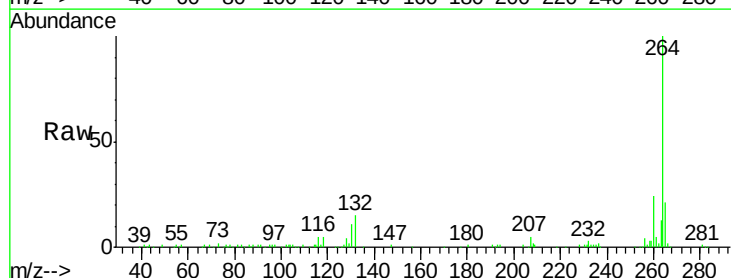


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.60 min Scan# 1182
 Delta R.T. -0.33 min
 Lab File: BF080199.D
 Acq: 26 Jun 2015 19:56

Tgt Ion:264 Resp: 142637
 Ion Ratio Lower Upper
 264 100
 260 23.6 16.7 25.1
 265 21.4 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

