

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
 Data File : BF099779.D
 Acq On : 24 Oct 2017 00:37
 Operator : SJ/JU
 Sample : I6037-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT102

Quant Time: Oct 24 02:54:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

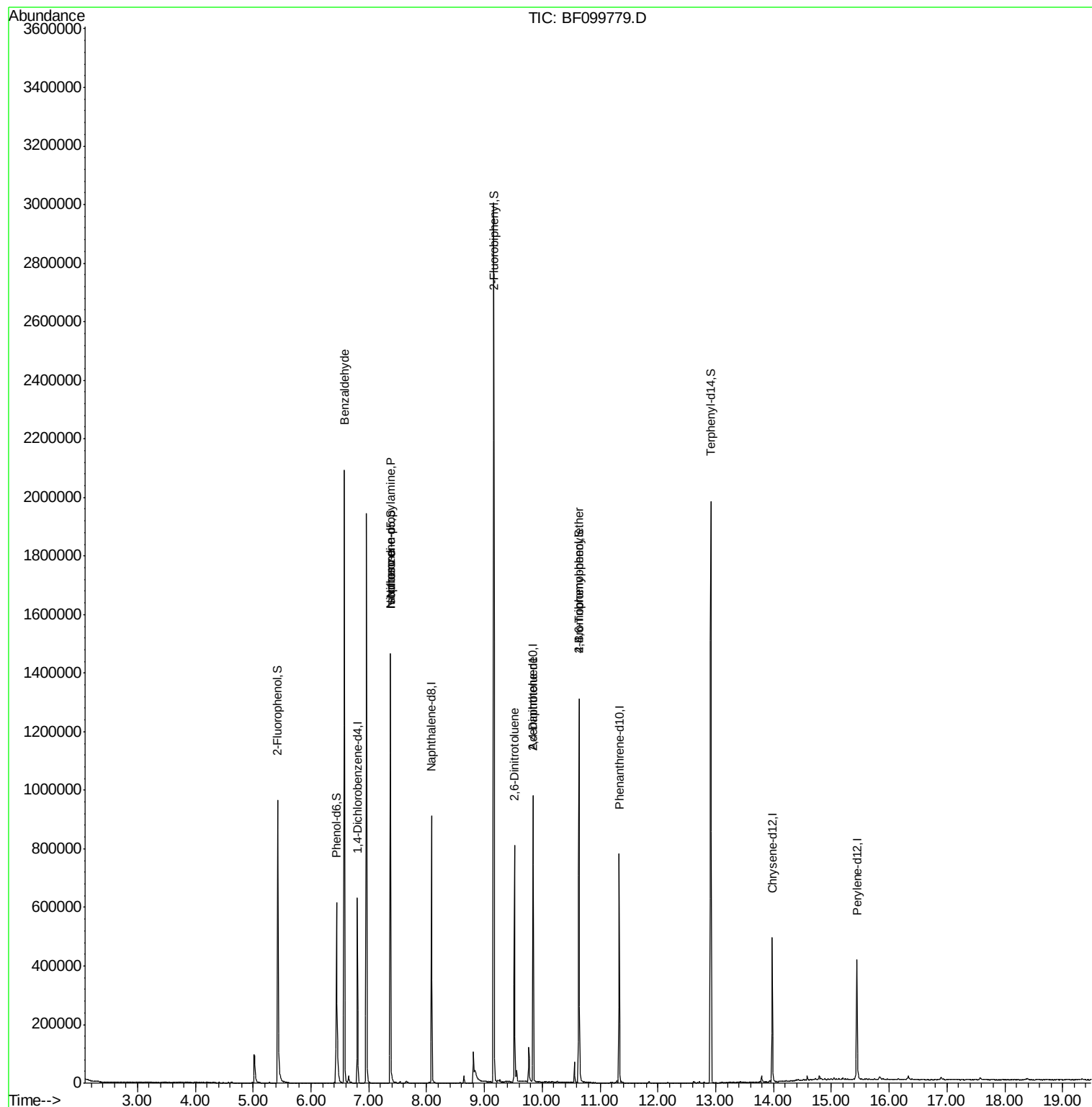
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	100806	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	422264	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	189989	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	291243	20.00	ng	0.00
75) Chrysene-d12	13.97	240	168894	20.00	ng	-0.01
86) Perylene-d12	15.44	264	185759	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	359840	56.04	ng	0.00
7) Phenol-d6	6.45	99	271473	35.66	ng	0.00
23) Nitrobenzene-d5	7.37	82	512123	78.08	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	169202	97.73	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1005191	81.63	ng	0.00
78) Terphenyl-d14	12.92	244	635426	82.22	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	11123	2.44	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.37	70	64885	14.54	ng	# 72
25) Isophorone	7.37	82	512119	43.03	ng	# 64
50) 2,6-Dinitrotoluene	9.52	165	19072	6.03	ng	# 22
56) 2,4-Dinitrotoluene	9.84	165	23858	6.26	ng	# 23
66) 4-Bromophenyl-phenylether	10.63	248	10987	3.58	ng	# 1

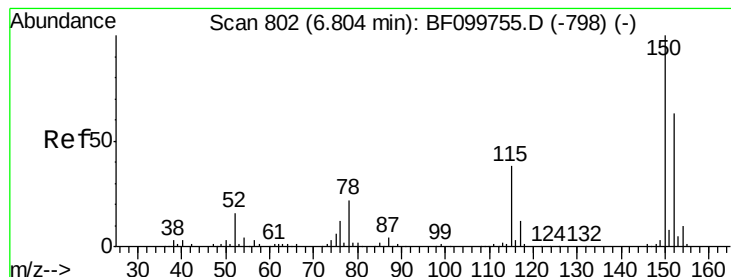
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF099779.D

Acq: 24 Oct 2017 00:37

Instrument :

BNA_F

ClientSampleId :

RAV-GT102

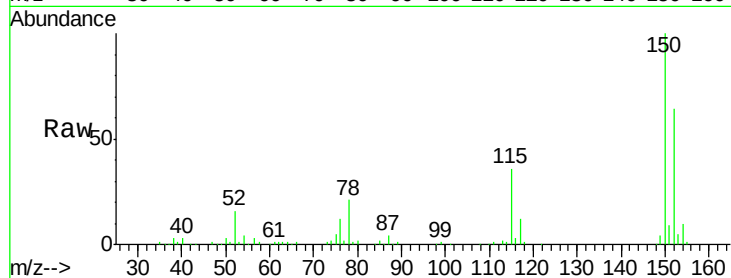
Tot Ion:152 Resp: 100806

Ion Ratio Lower Upper

152 100

150 156.2 124.6 186.8

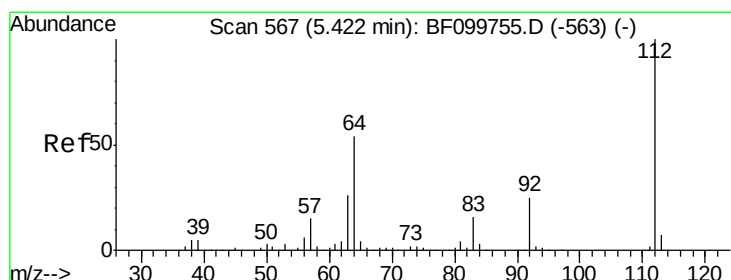
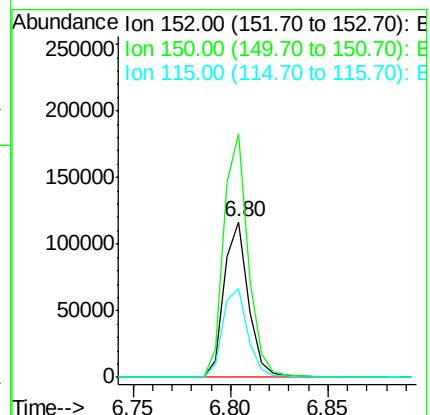
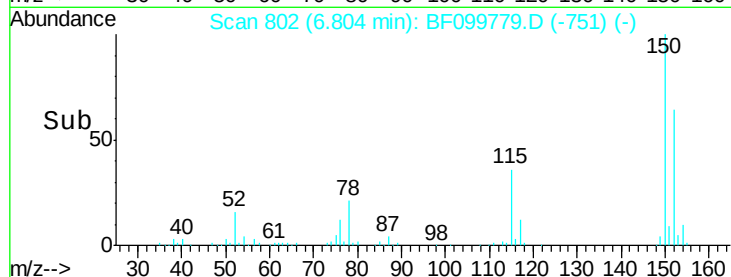
115 56.7 50.1 75.1



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: 56.04 ng

RT: 5.42 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF099779.D

Acq: 24 Oct 2017 00:37

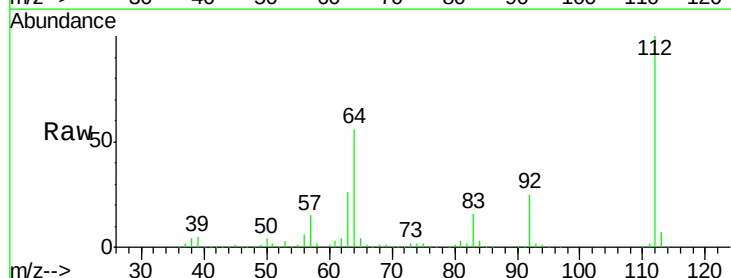
Tgt Ion:112 Resp: 359840

Ion Ratio Lower Upper

112 100

64 55.6 47.9 71.9

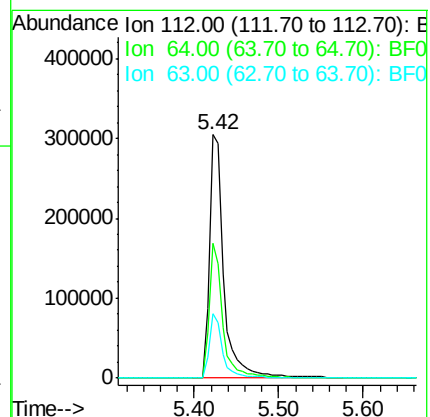
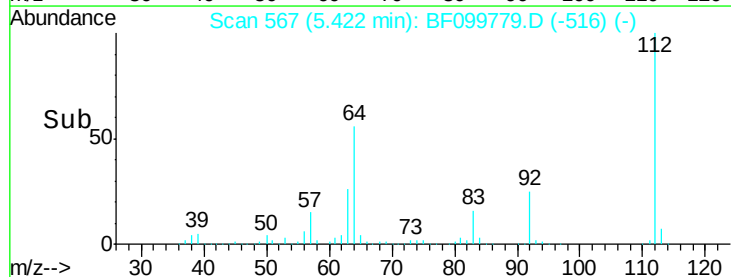
63 26.3 23.7 35.5

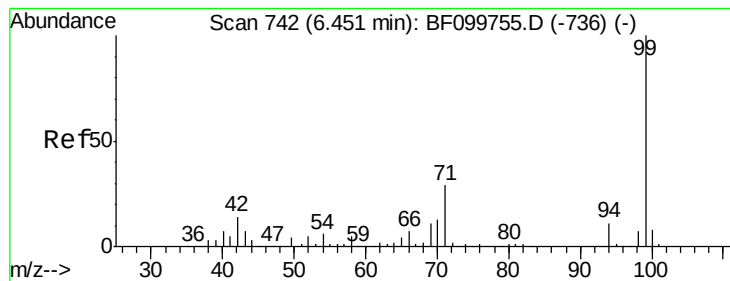


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.66 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099779.D

Acq: 24 Oct 2017 00:37

Instrument :

BNA_F

ClientSampleId :

RAV-GT102

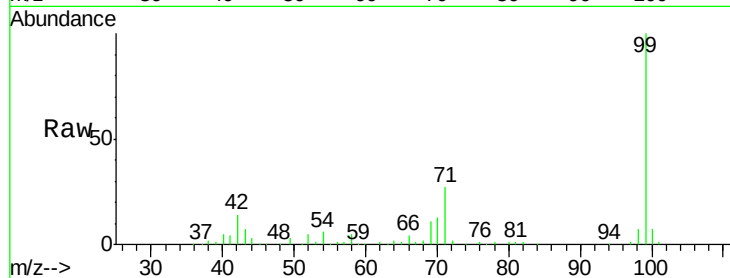
Tot Ion: 99 Resp: 271473

Ion Ratio Lower Upper

99 100

42 13.6 14.5 21.7#

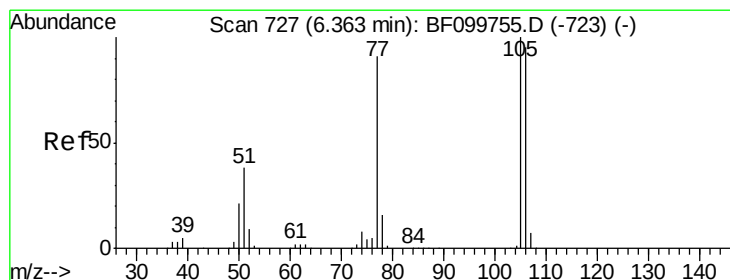
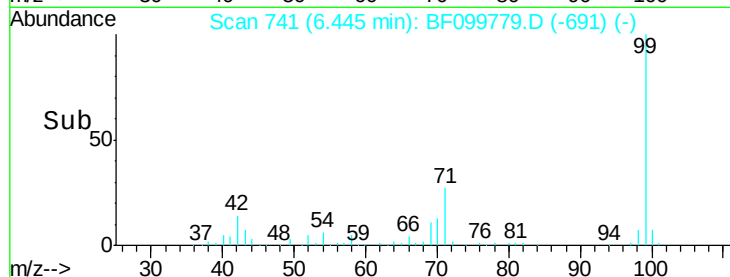
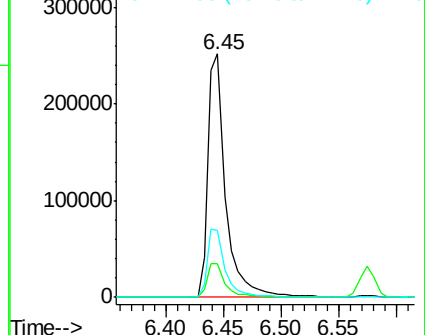
71 27.4 25.4 38.0



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: 2.44 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.21 min

Lab File: BF099779.D

Acq: 24 Oct 2017 00:37

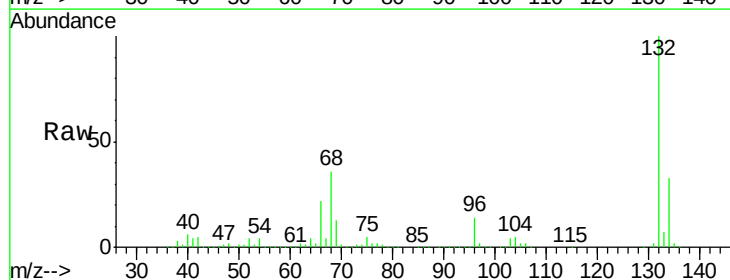
Tgt Ion: 77 Resp: 11123

Ion Ratio Lower Upper

77 100

105 88.9 81.1 121.1

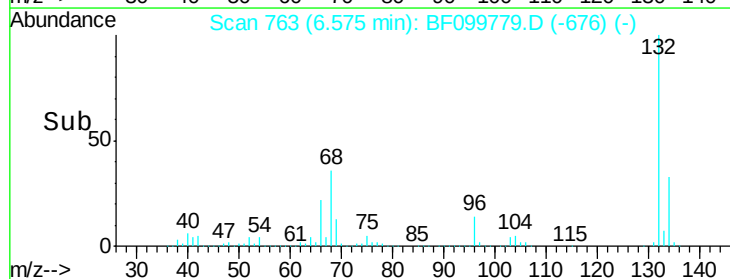
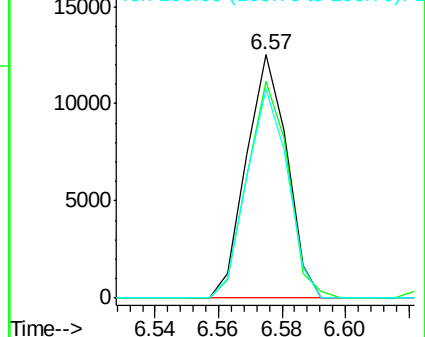
106 86.1 74.5 114.5

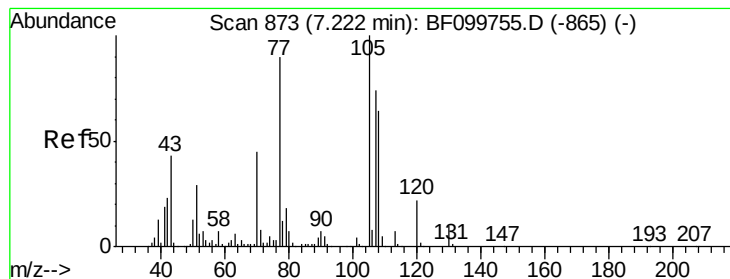


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 14.54 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF099779.D

Acq: 24 Oct 2017 00:37

Instrument :

BNA_F

ClientSampleId :

RAV-GT102

Tot Ion: 70 Resp: 64885

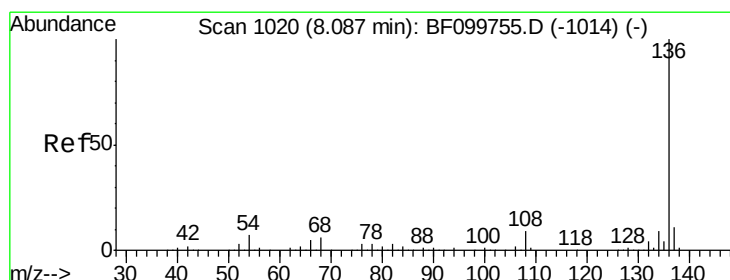
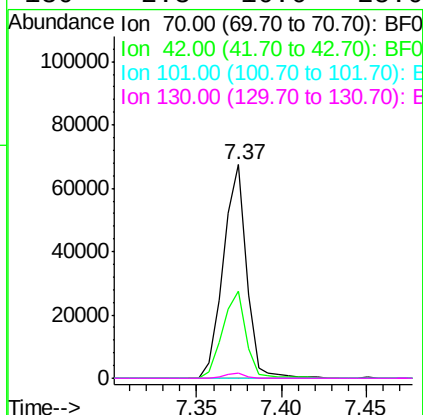
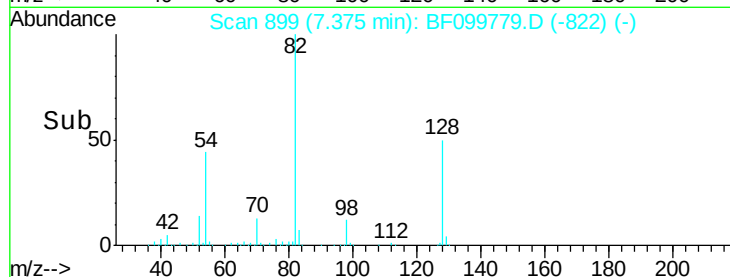
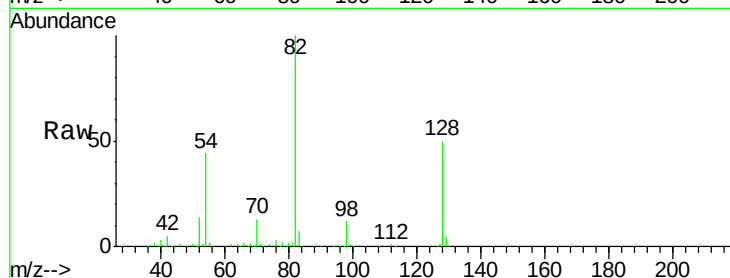
Ion Ratio Lower Upper

70 100

42 40.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF099779.D

Acq: 24 Oct 2017 00:37

Tgt Ion: 136 Resp: 422264

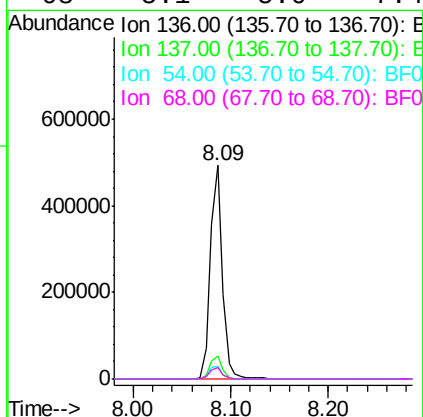
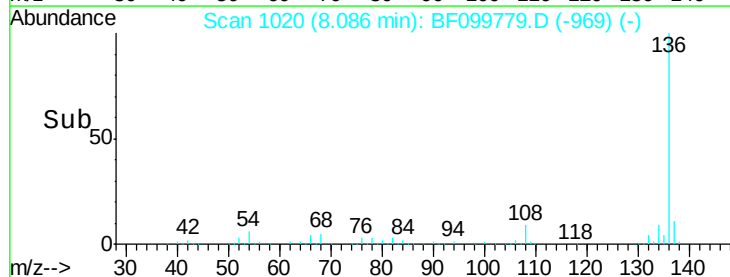
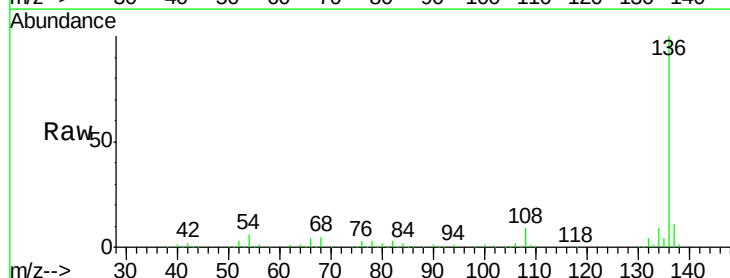
Ion Ratio Lower Upper

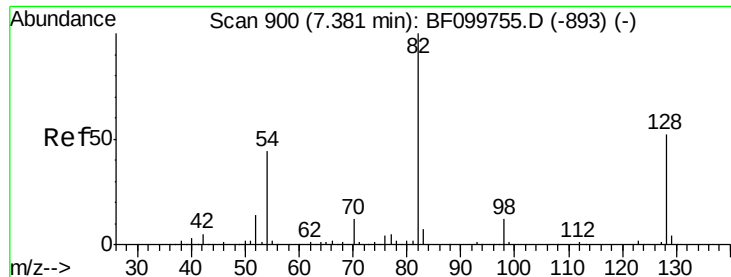
136 100

137 10.7 8.9 13.3

54 6.1 6.6 9.8#

68 5.1 5.0 7.4

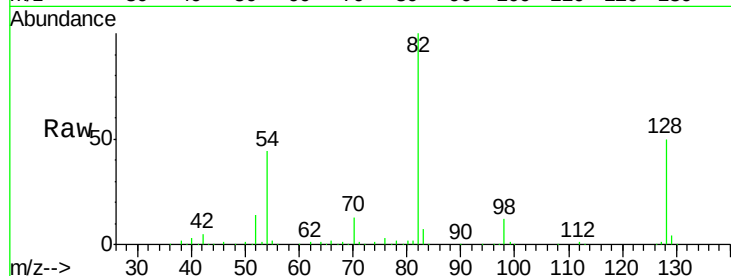




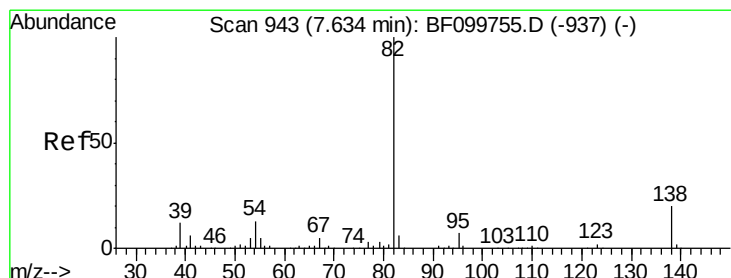
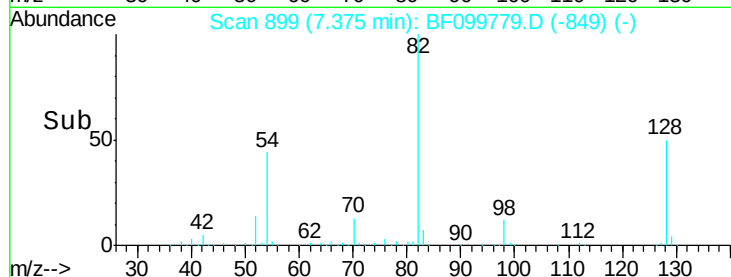
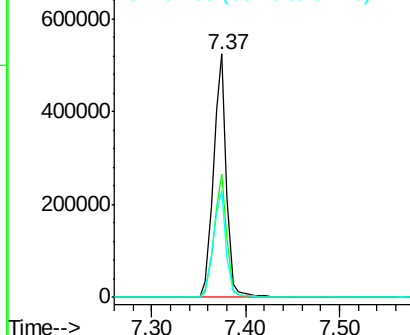
#23
Nitrobenzene-d5
Concen: 78.08 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099779.D
Acq: 24 Oct 2017 00:37

Instrument :
BNA_F
ClientSampleId :
RAV-GT102

Tot Ion: 82 Resp: 512123
Ion Ratio Lower Upper
82 100
128 50.4 36.1 54.1
54 43.7 41.4 62.2

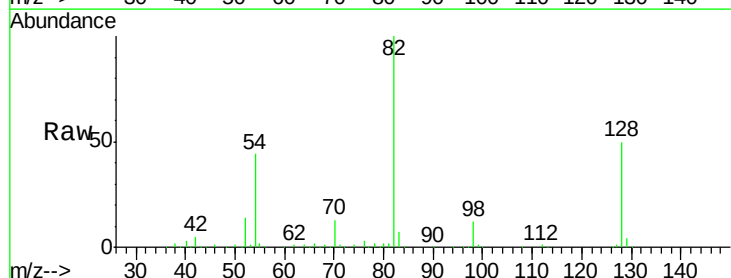


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

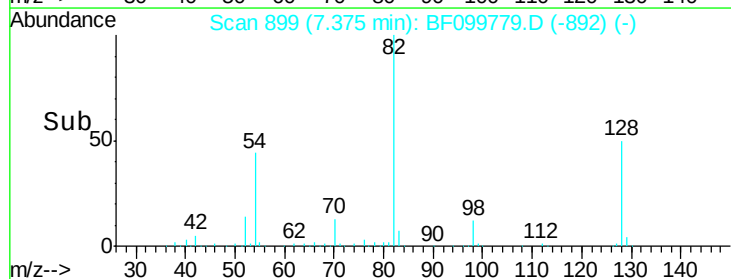
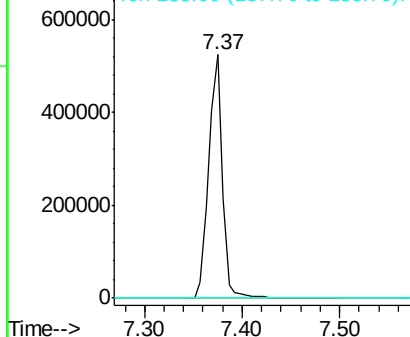


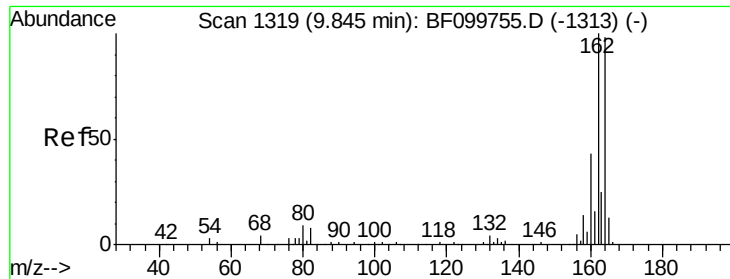
#25
Isophorone
Concen: 43.03 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF099779.D
Acq: 24 Oct 2017 00:37

Tgt Ion: 82 Resp: 512119
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF099779.D

Acq: 24 Oct 2017 00:37

Instrument :

BNA_F

ClientSampleId :

RAV-GT102

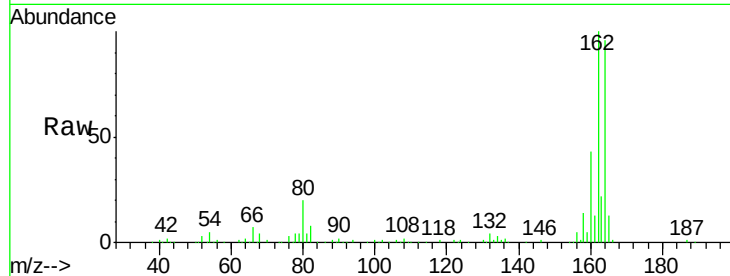
Tot Ion:164 Resp: 189989

Ion Ratio Lower Upper

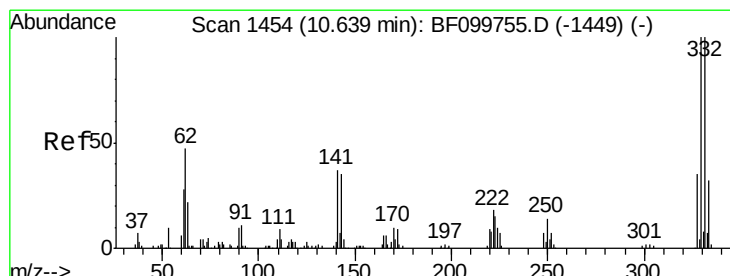
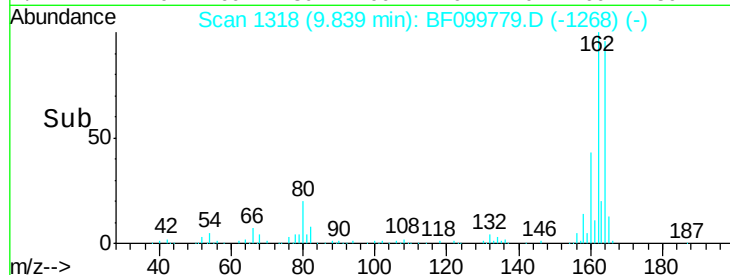
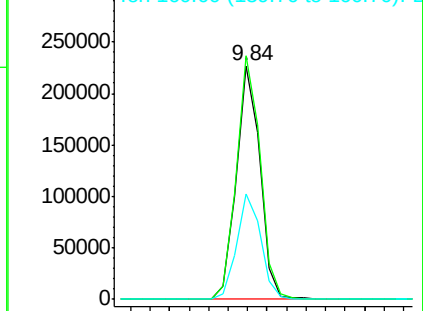
164 100

162 104.3 86.1 129.1

160 45.2 38.3 57.5



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: 97.73 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF099779.D

Acq: 24 Oct 2017 00:37

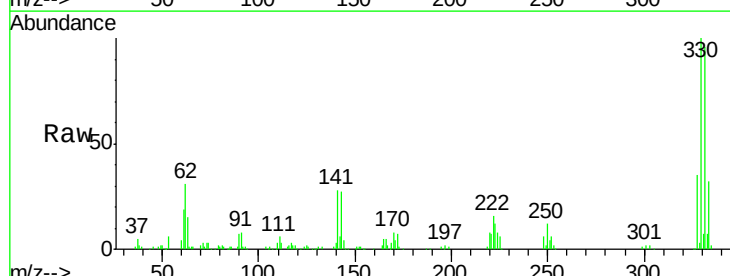
Tgt Ion:330 Resp: 169202

Ion Ratio Lower Upper

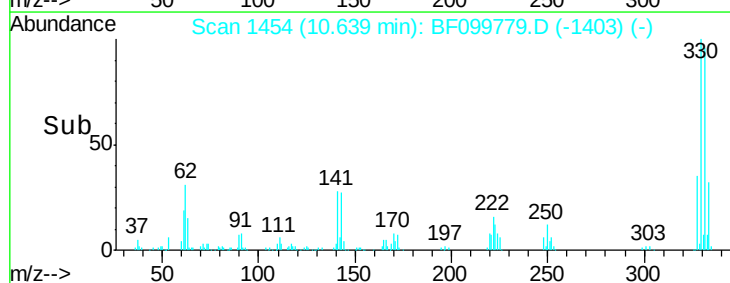
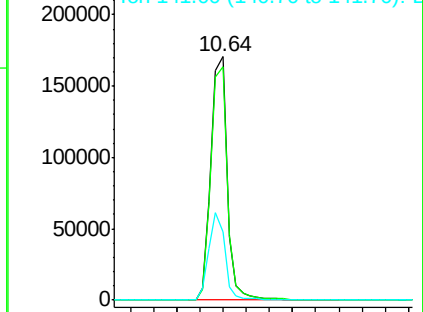
330 100

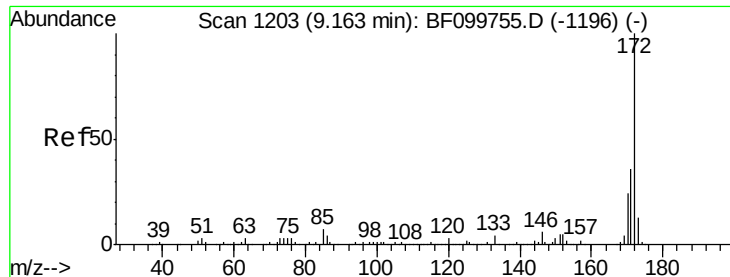
332 96.9 77.0 115.6

141 35.5 29.9 44.9



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

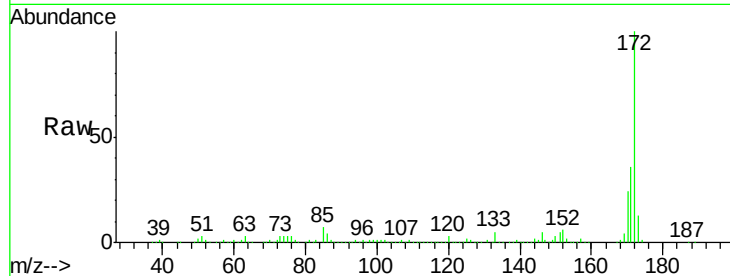




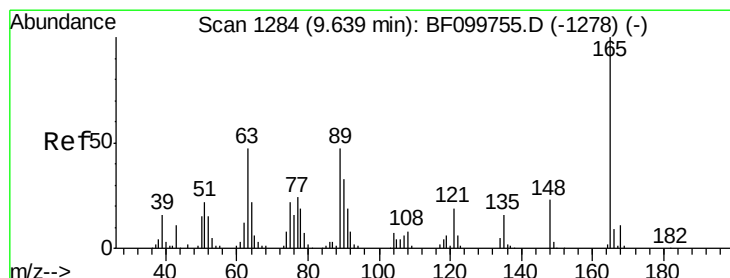
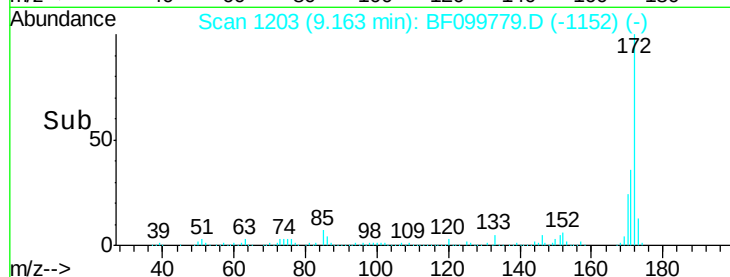
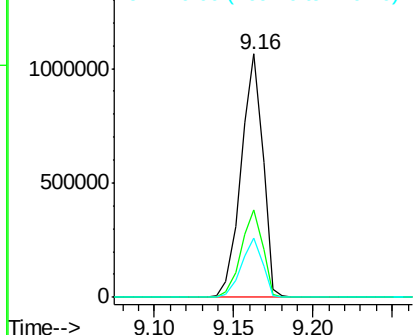
#44
2-Fluorobiphenyl
Concen: 81.63 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF099779.D
Acq: 24 Oct 2017 00:37

Instrument :
BNA_F
ClientSampleId :
RAV-GT102

Tot Ion:172 Resp: 1005191
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.2 19.6 29.4

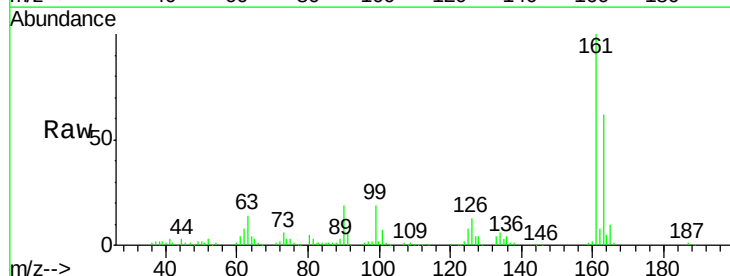


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

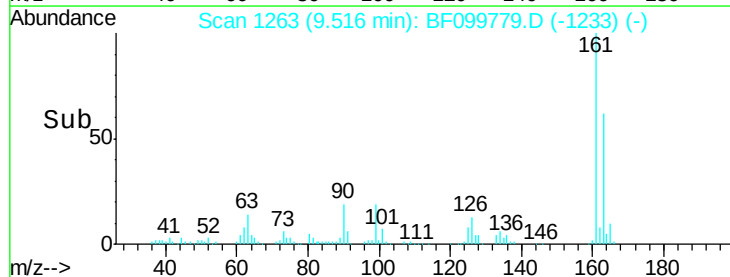
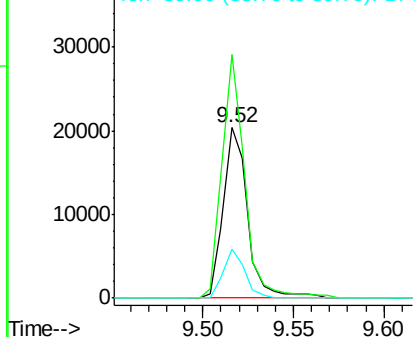


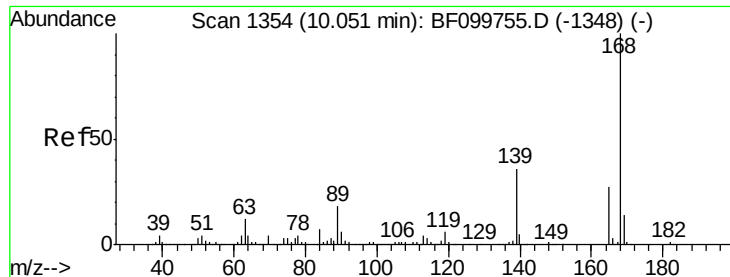
#50
2,6-Dinitrotoluene
Concen: 6.03 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.12 min
Lab File: BF099779.D
Acq: 24 Oct 2017 00:37

Tgt Ion:165 Resp: 19072
Ion Ratio Lower Upper
165 100
63 142.9 44.7 67.1#
89 28.8 44.0 66.0#



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

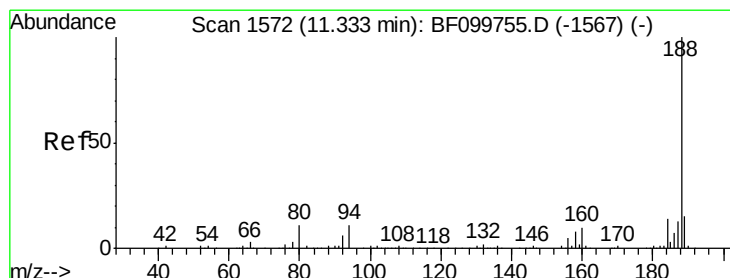
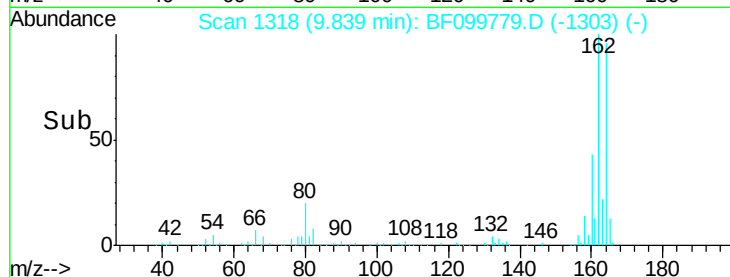
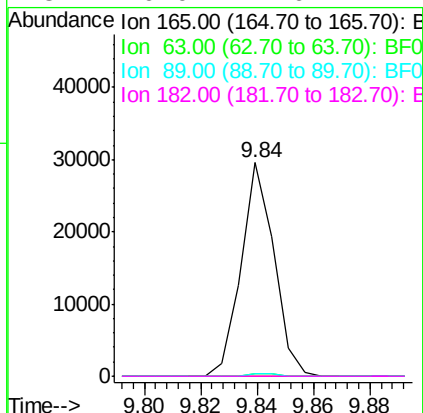
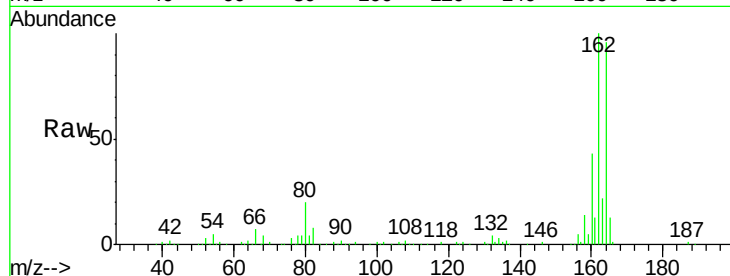




#56
 2,4-Dinitrotoluene
 Concen: 6.26 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF099779.D
 Acq: 24 Oct 2017 00:37

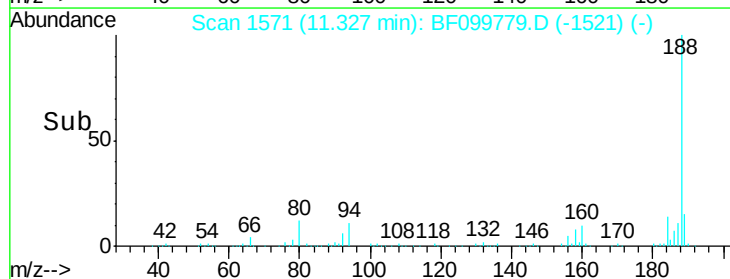
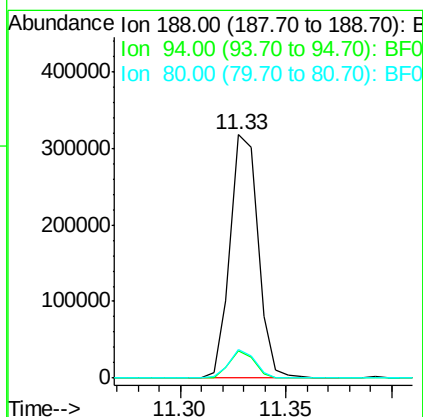
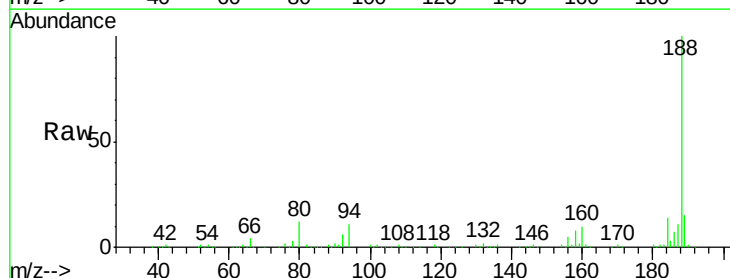
Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT102

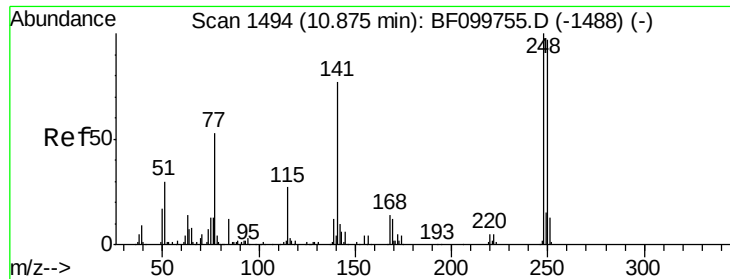
Tot Ion:165	Resp:	23858
Ion Ratio	Lower	Upper
165	100	
63	1.1	36.4 54.6#
89	1.5	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF099779.D
 Acq: 24 Oct 2017 00:37

Tgt Ion:188	Resp:	291243
Ion Ratio	Lower	Upper
188	100	
94	11.4	8.5 12.7
80	11.6	9.2 13.8

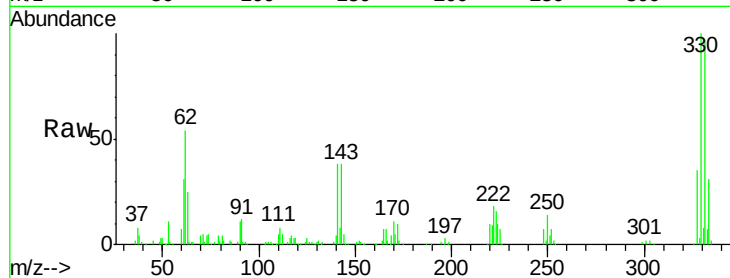




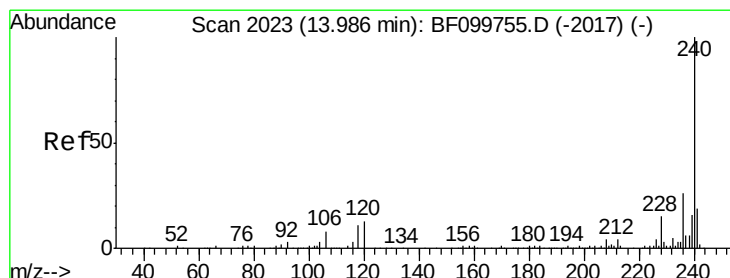
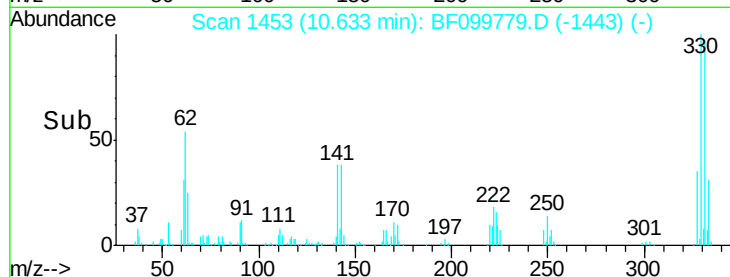
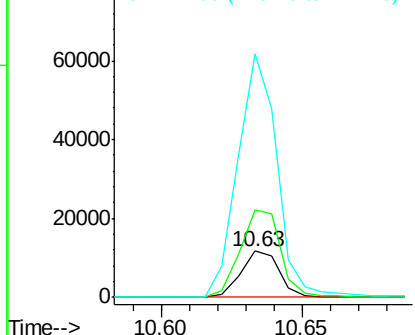
#66
4-Bromophenyl-phenylether
Concen: 3.58 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099779.D
Acq: 24 Oct 2017 00:37

Instrument :
BNA_F
ClientSampleId :
RAV-GT102

Tot Ion:248 Resp: 10987
Ion Ratio Lower Upper
248 100
250 191.7 76.9 115.3#
141 529.9 74.4 111.6#

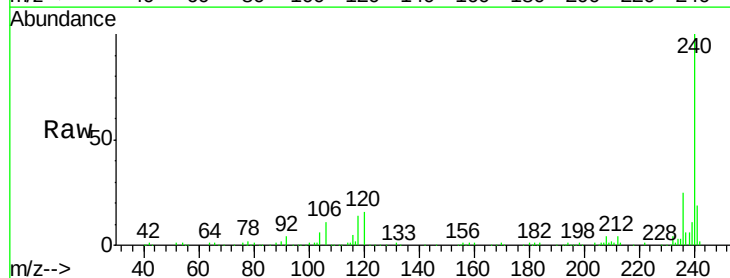


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

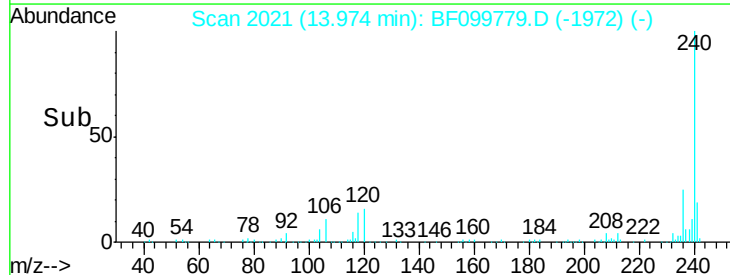
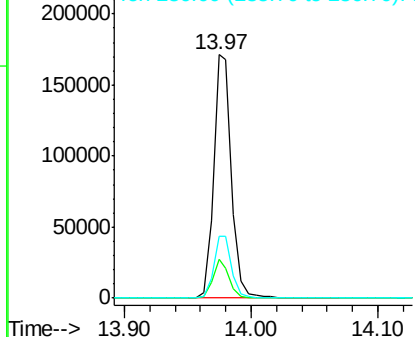


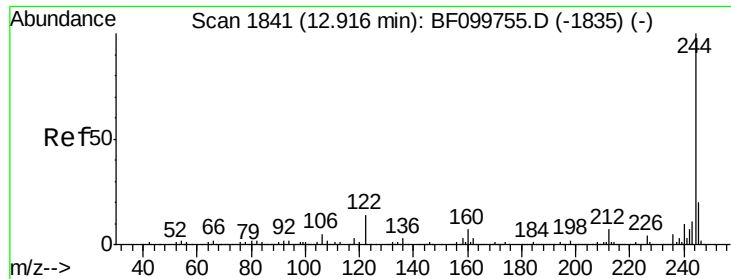
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF099779.D
Acq: 24 Oct 2017 00:37

Tgt Ion:240 Resp: 168894
Ion Ratio Lower Upper
240 100
120 16.1 9.5 14.3#
236 25.3 20.7 31.1



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

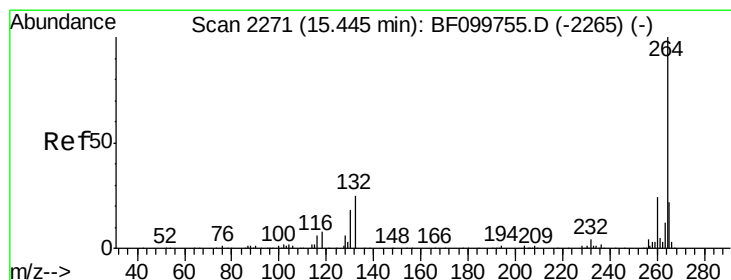
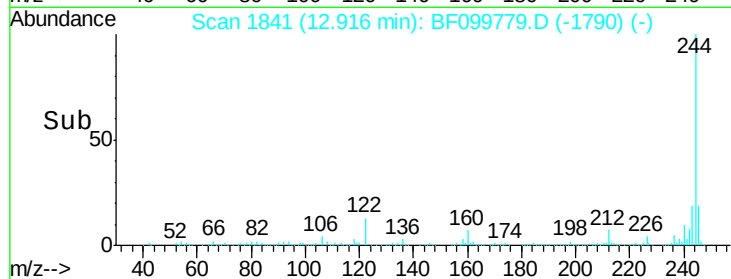
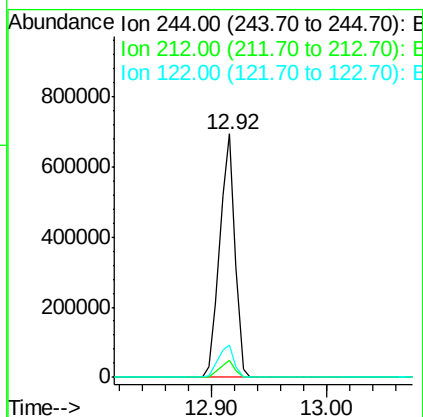
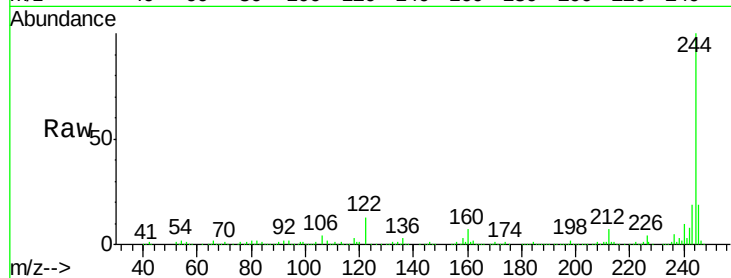




#78
 Terphenyl-d14
 Concen: 82.22 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099779.D
 Acq: 24 Oct 2017 00:37

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT102

Tot Ion:244 Resp: 635426
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: BF099779.D
 Acq: 24 Oct 2017 00:37

Tgt Ion:264 Resp: 185759
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.2 17.5 26.3

