

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099838.D
 Acq On : 26 Oct 2017 3:49
 Operator : SJ/JU
 Sample : I6085-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 04:21:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

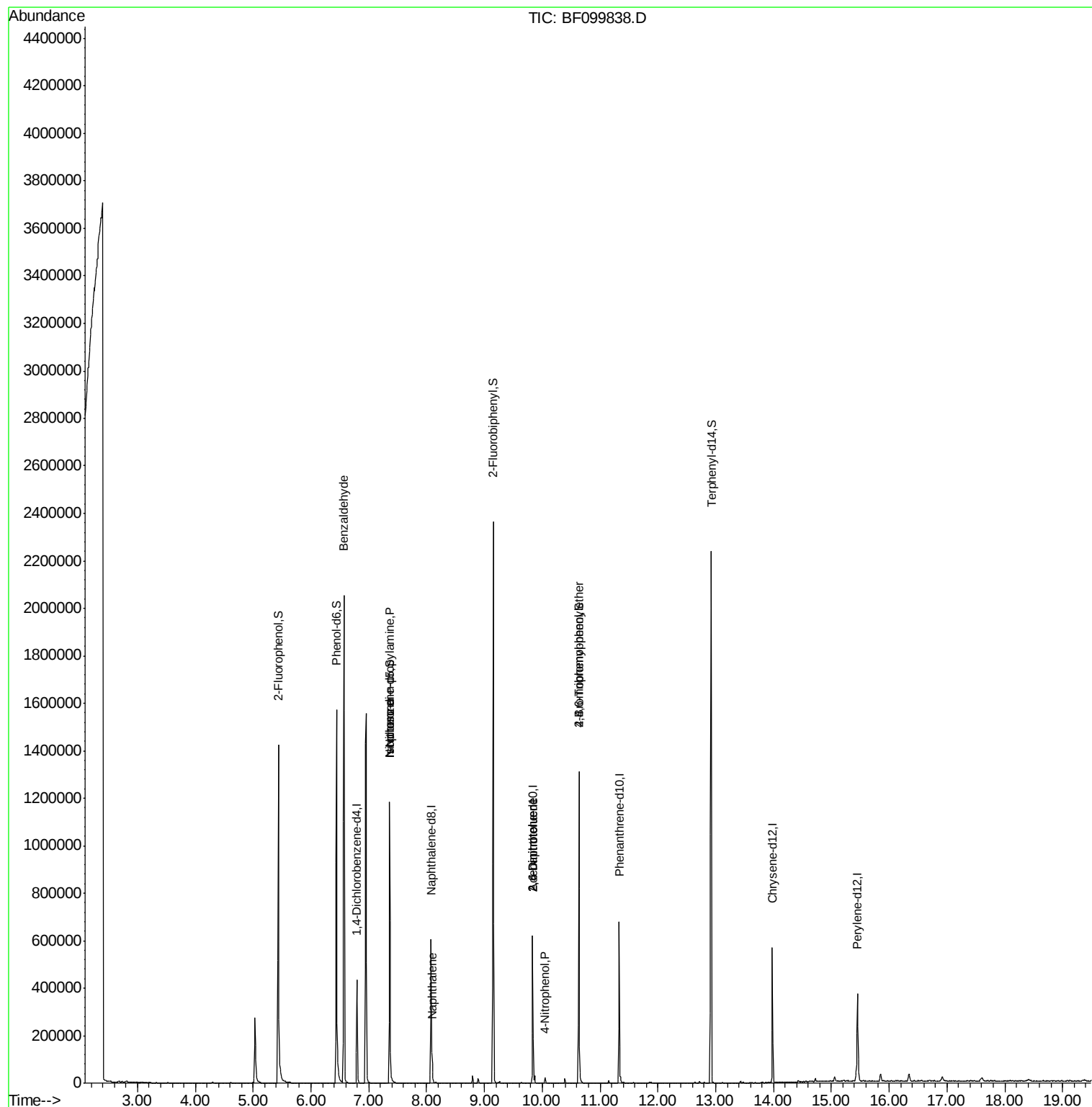
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	73067	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	295511	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	132539	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	242738	20.00	ng	0.00
75) Chrysene-d12	13.98	240	200402	20.00	ng	0.00
86) Perylene-d12	15.46	264	174490	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	570330	122.54	ng	0.02
7) Phenol-d6	6.44	99	630579	114.27	ng	0.00
23) Nitrobenzene-d5	7.36	82	410393	89.41	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	165699	137.19	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	838301	97.58	ng	0.00
78) Terphenyl-d14	12.92	244	779044	84.95	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	11037	3.347	ng	89
19) n-Nitroso-di-n-propylamine	7.36	70	50719	15.683	ng	# 73
25) Isophorone	7.36	82	410393	49.273	ng	# 64
31) Naphthalene	8.10	128	37444	2.625	ng	99
50) 2,6-Dinitrotoluene	9.83	165	17268	7.826	ng	# 24
55) 4-Nitrophenol	10.05	139	4153	3.057	ng	# 9
56) 2,4-Dinitrotoluene	9.83	165	17268	6.498	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	10999	4.304	ng	# 1

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

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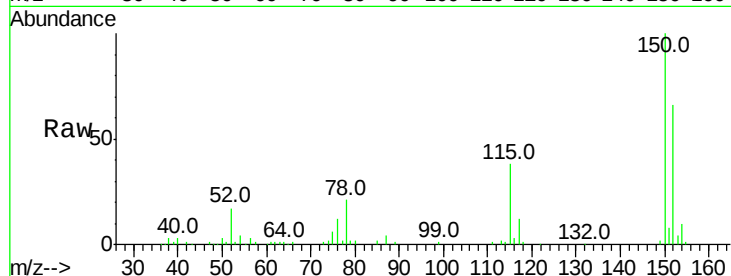


#1

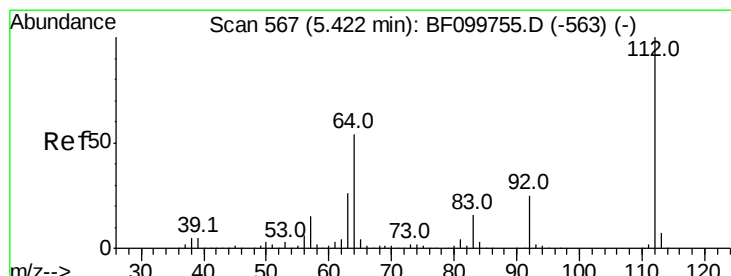
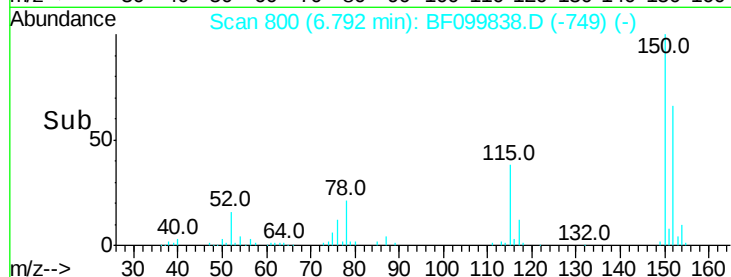
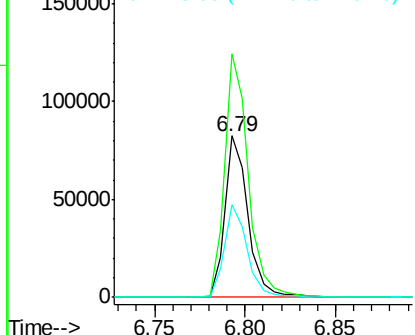
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099838.D
Acq: 26 Oct 2017 3:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 73067
Ion Ratio Lower Upper
152 100
150 150.6 124.6 186.8
115 57.4 50.1 75.1



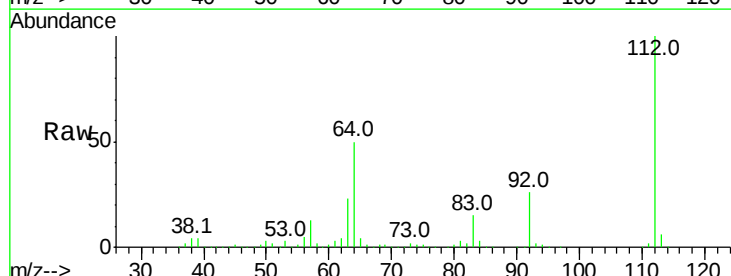
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



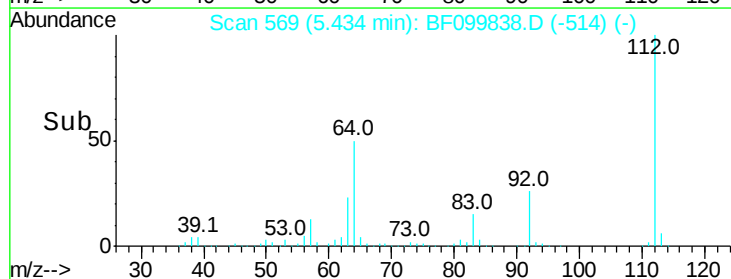
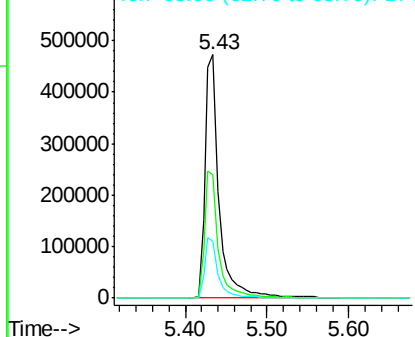
#5

2-Fluorophenol
Concen: 122.545 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF099838.D
Acq: 26 Oct 2017 3:49

Tgt Ion:112 Resp: 570330
Ion Ratio Lower Upper
112 100
64 50.5 47.9 71.9
63 23.5 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: 114.269 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099838.D

Acq: 26 Oct 2017 3:49

Instrument :

BNA_F

ClientSampleId :

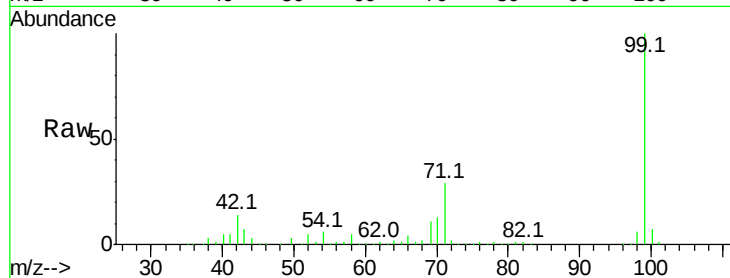
Tot Ion: 99 Resp: 630579

Ion Ratio Lower Upper

99 100

42 13.9 14.5 21.7#

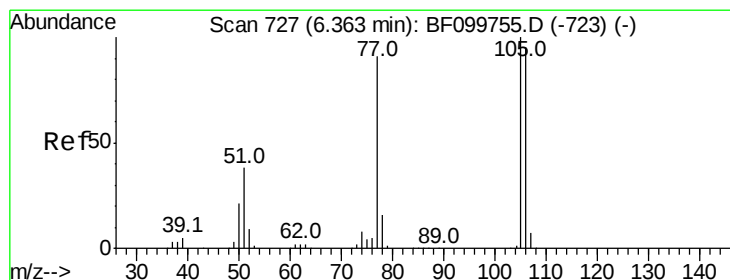
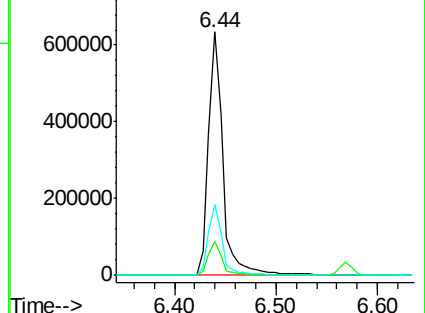
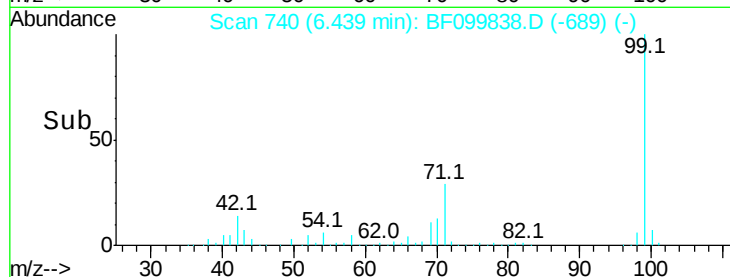
71 29.3 25.4 38.0



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: 3.347 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.22 min

Lab File: BF099838.D

Acq: 26 Oct 2017 3:49

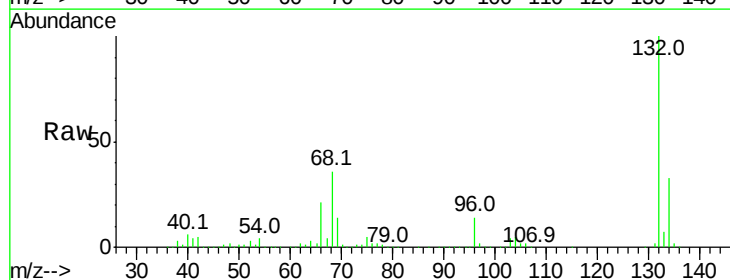
Tgt Ion: 77 Resp: 11037

Ion Ratio Lower Upper

77 100

105 86.8 81.1 121.1

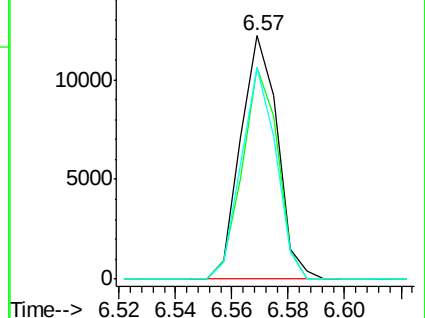
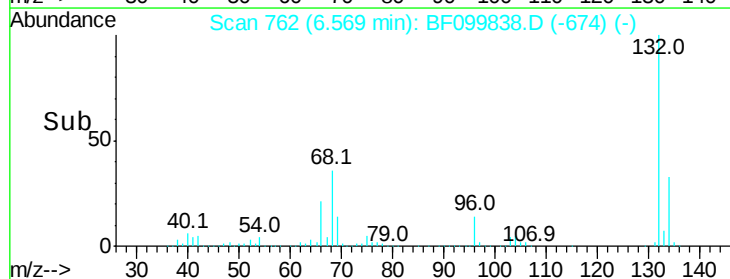
106 86.9 74.5 114.5

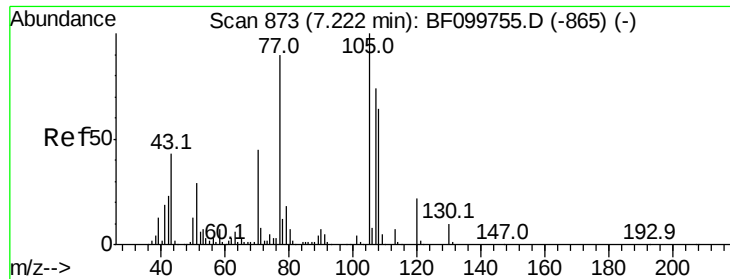


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

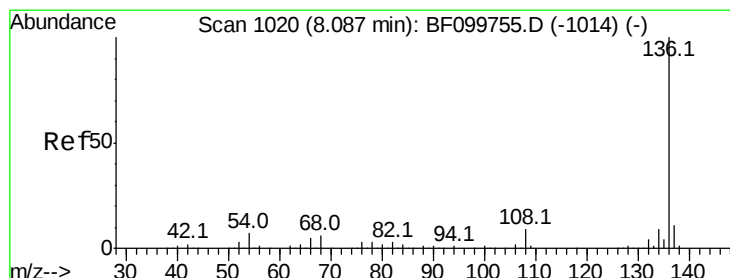
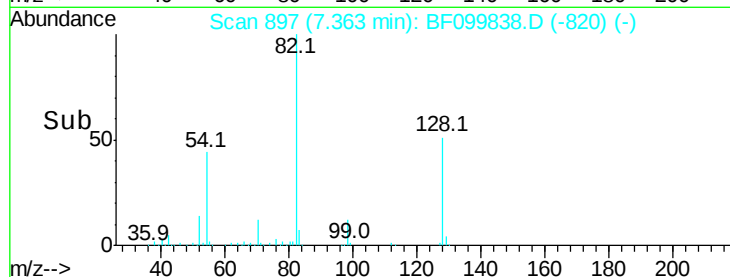
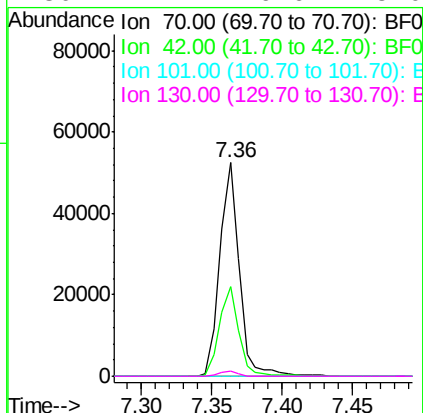
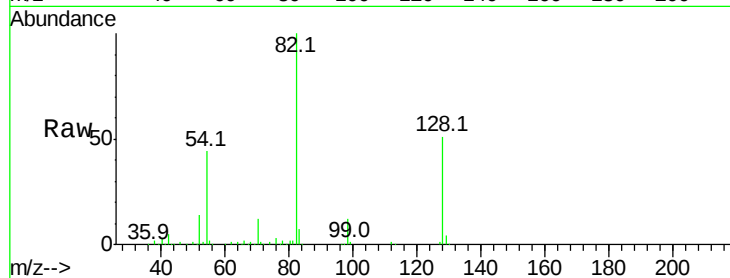




#19
n-Nitroso-di-n-propylamine
Concen: 15.683 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF099838.D
Acq: 26 Oct 2017 3:49

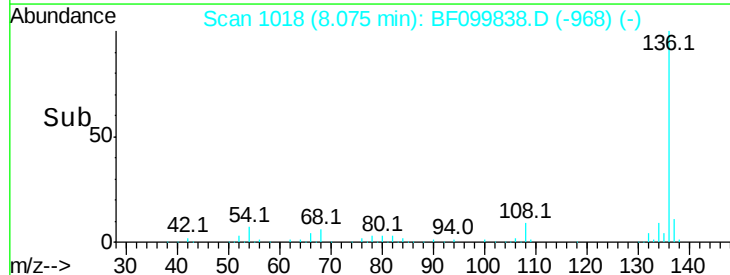
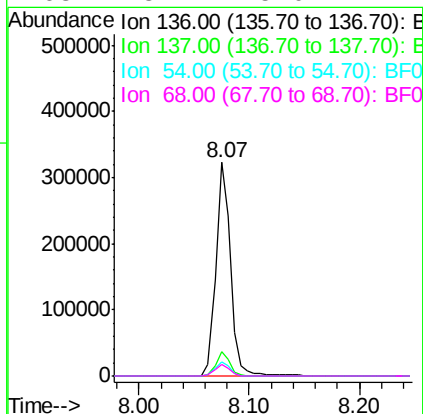
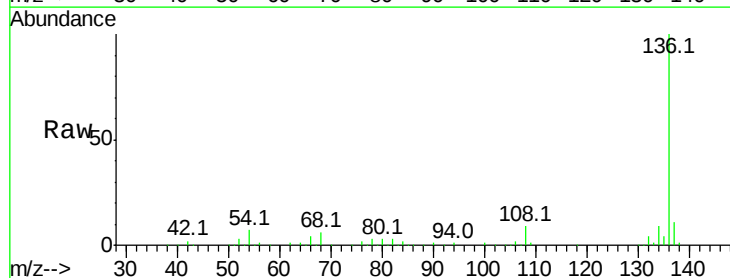
Instrument :
BNA_F
ClientSampleId :

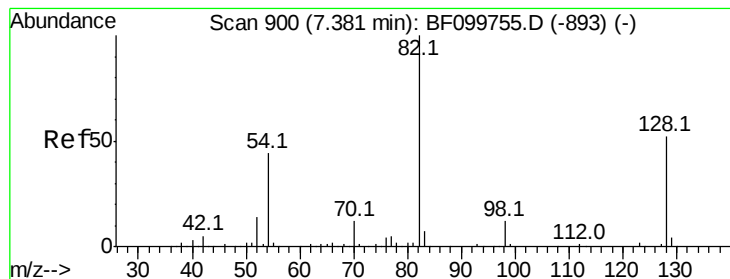
Tot Ion: 70 Resp: 50719
Ion Ratio Lower Upper
70 100
42 42.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099838.D
Acq: 26 Oct 2017 3:49

Tgt Ion: 136 Resp: 295511
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.7 6.6 9.8
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 89.409 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099838.D

Acq: 26 Oct 2017 3:49

Instrument :

BNA_F

ClientSampleId :

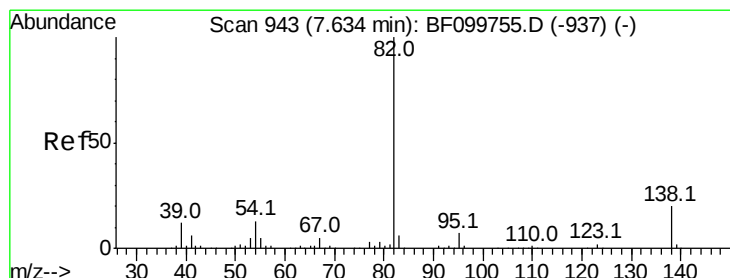
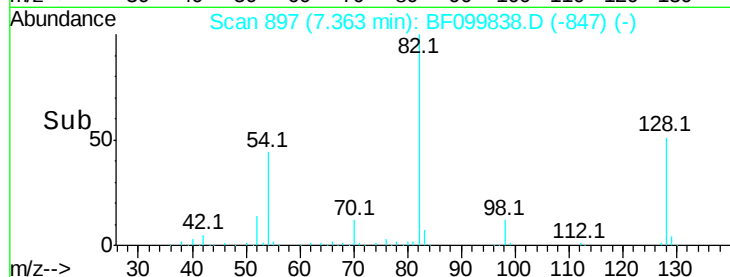
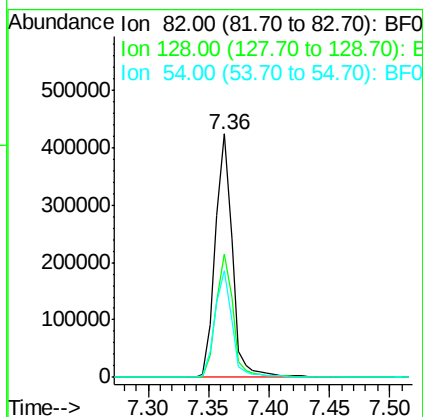
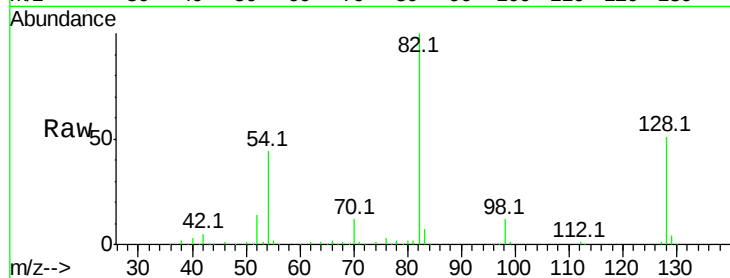
Tot Ion: 82 Resp: 410393

Ion Ratio Lower Upper

82 100

128 50.8 36.1 54.1

54 44.1 41.4 62.2



#25

Isophorone

Concen: 49.273 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF099838.D

Acq: 26 Oct 2017 3:49

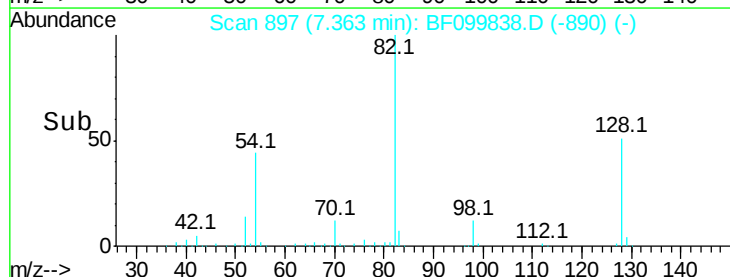
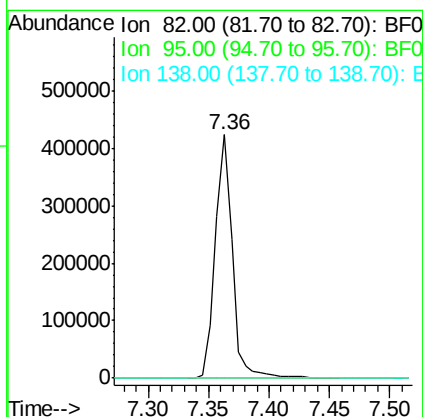
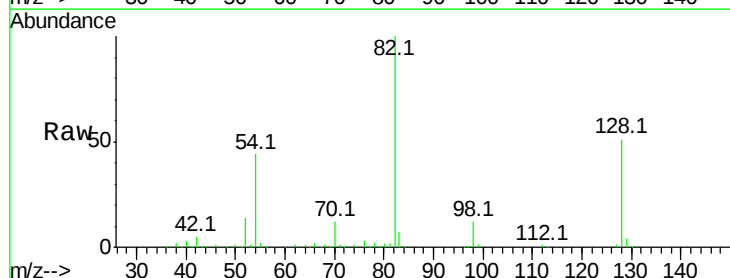
Tgt Ion: 82 Resp: 410393

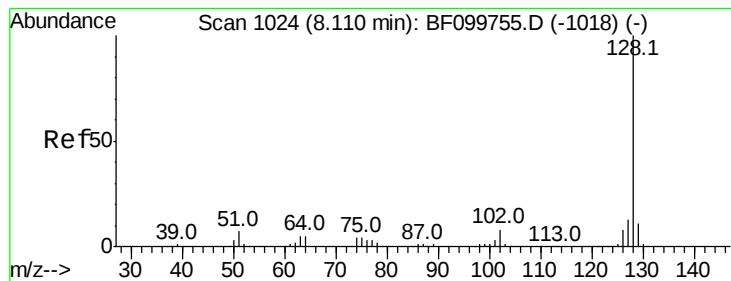
Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#





#31

Naphthalene

Concen: 2.625 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF099838.D

Acq: 26 Oct 2017 3:49

Instrument :

BNA_F

ClientSampleId :

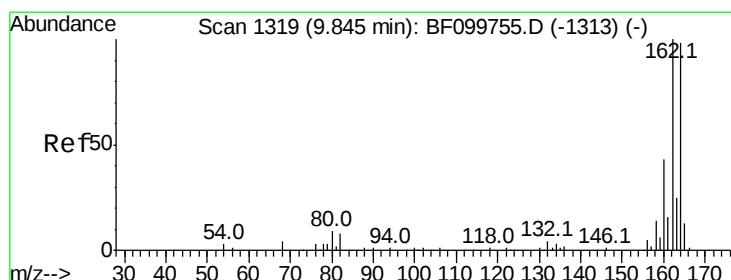
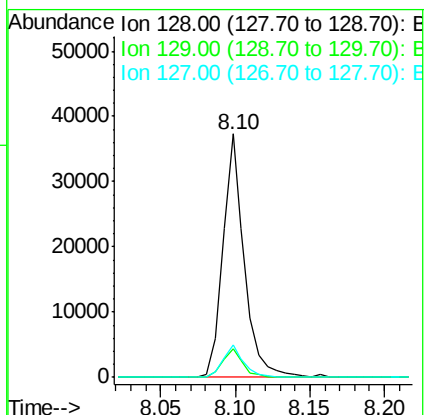
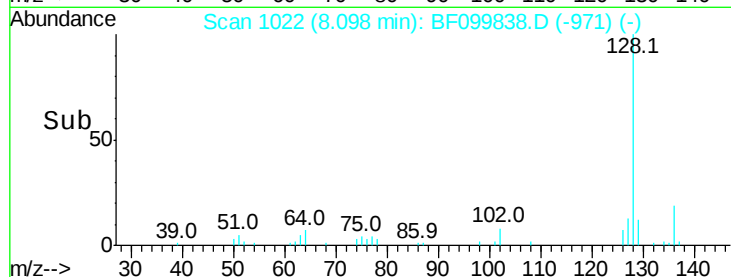
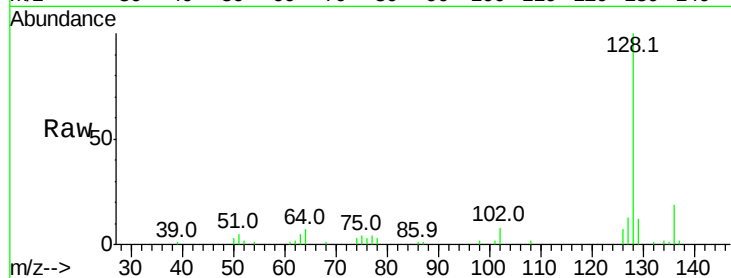
Tot Ion:128 Resp: 37444

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

127 13.3 10.9 16.3



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF099838.D

Acq: 26 Oct 2017 3:49

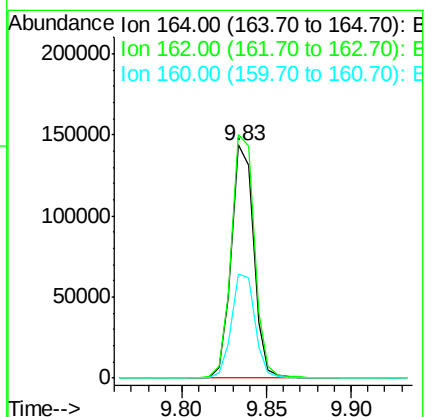
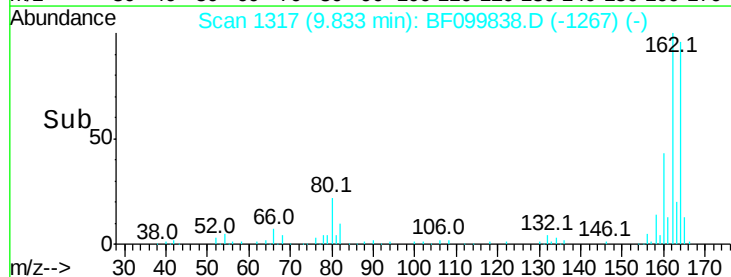
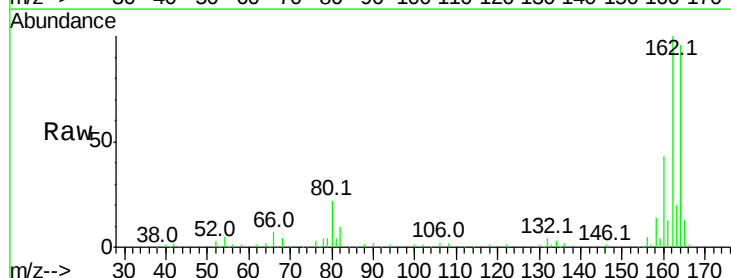
Tgt Ion:164 Resp: 132539

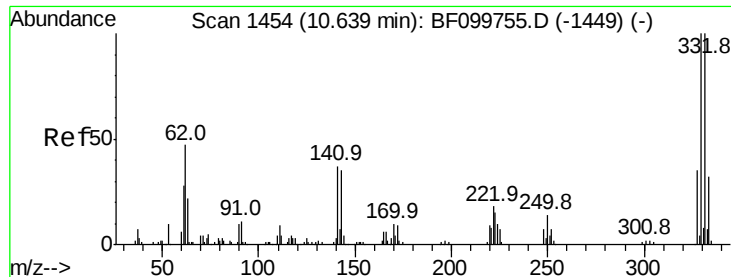
Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

160 44.7 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 137.185 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF099838.D

Acq: 26 Oct 2017 3:49

Instrument :

BNA_F

ClientSampleId :

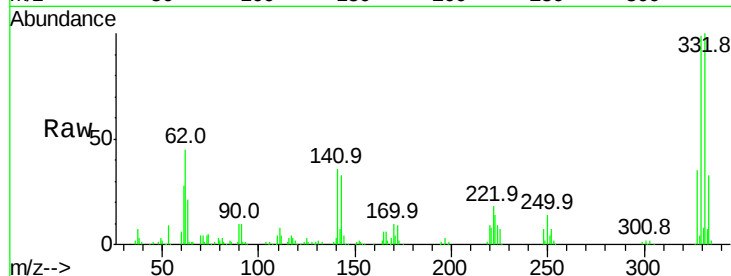
Tot Ion:330 Resp: 165699

Ion Ratio Lower Upper

330 100

332 98.1 77.0 115.6

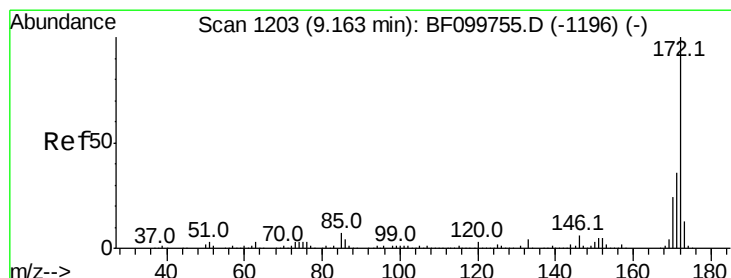
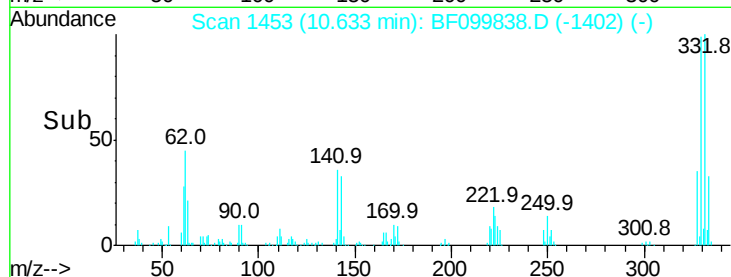
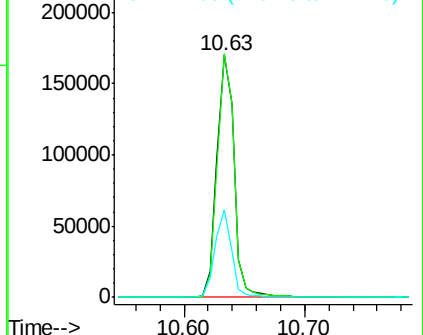
141 34.8 29.9 44.9



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: 97.584 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BF099838.D

Acq: 26 Oct 2017 3:49

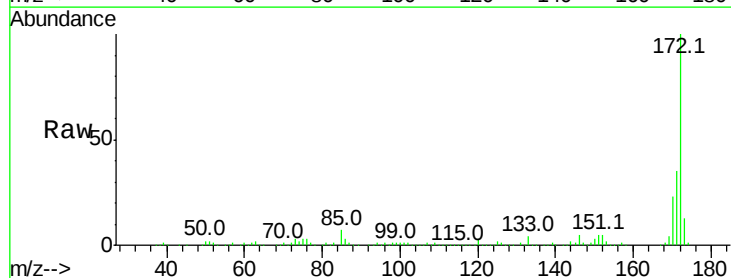
Tgt Ion:172 Resp: 838301

Ion Ratio Lower Upper

172 100

171 34.9 29.7 44.5

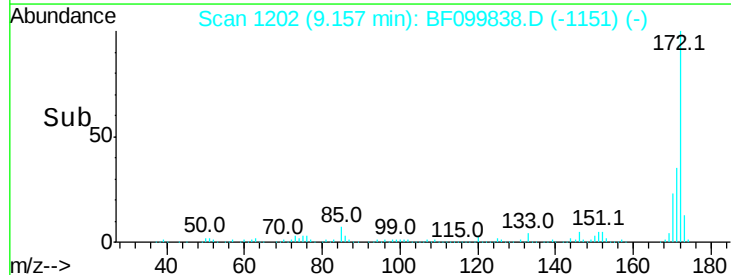
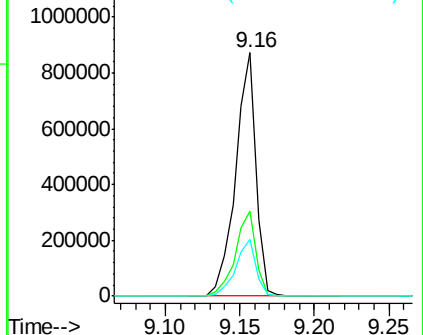
170 23.5 19.6 29.4

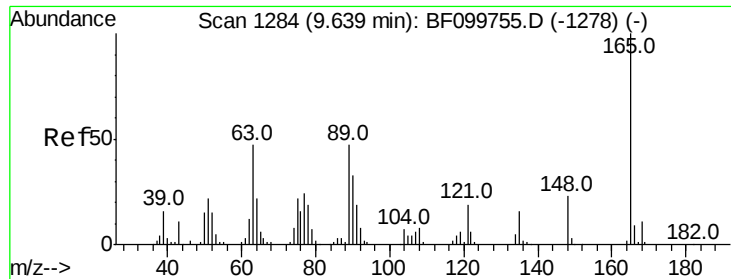


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

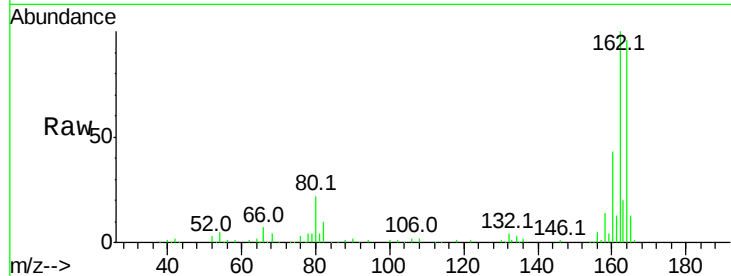




#50
 2,6-Dinitrotoluene
 Concen: 7.826 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF099838.D
 Acq: 26 Oct 2017 3:49

Instrument :
 BNA_F
 ClientSampled :

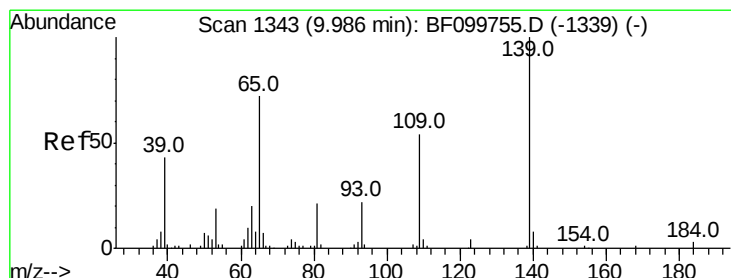
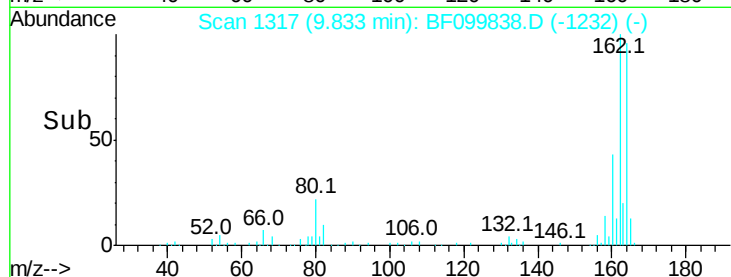
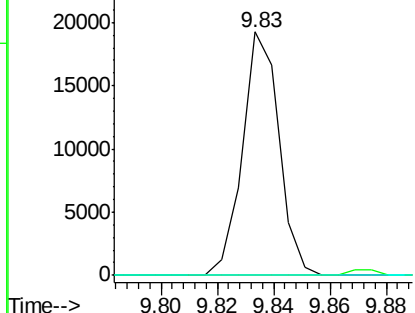
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

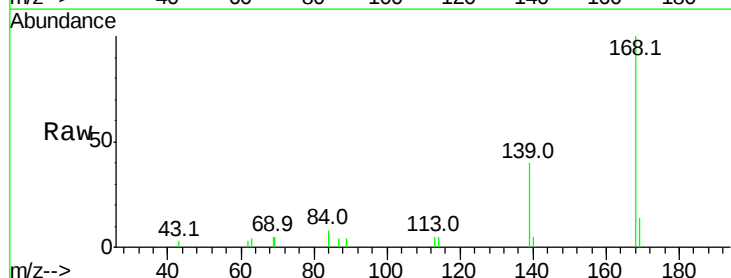
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#55
 4-Nitrophenol
 Concen: 3.057 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.06 min
 Lab File: BF099838.D
 Acq: 26 Oct 2017 3:49

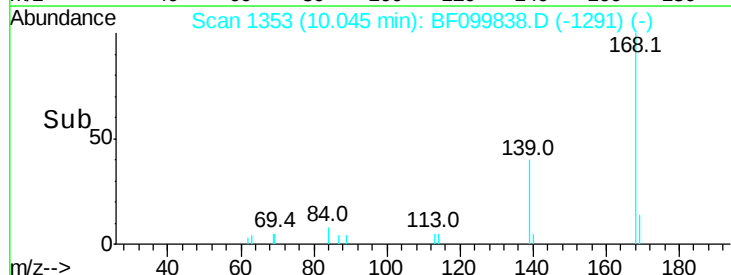
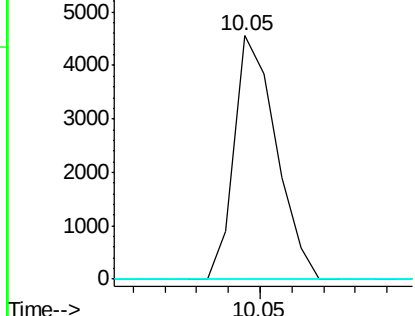
Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

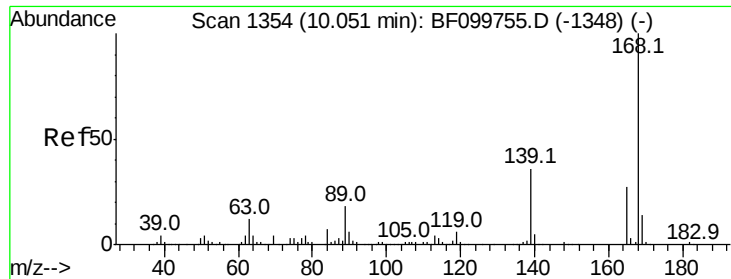


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

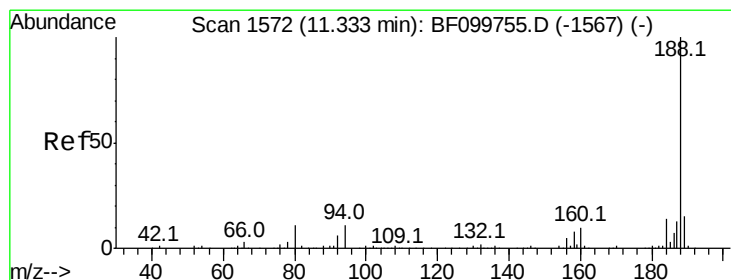
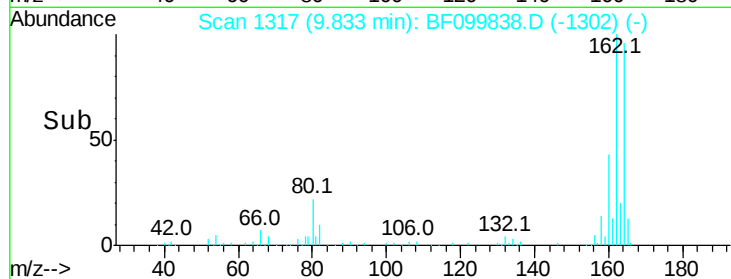
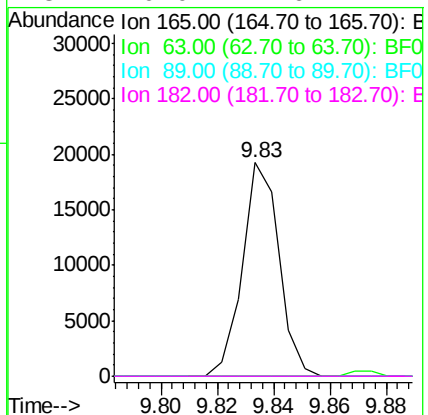
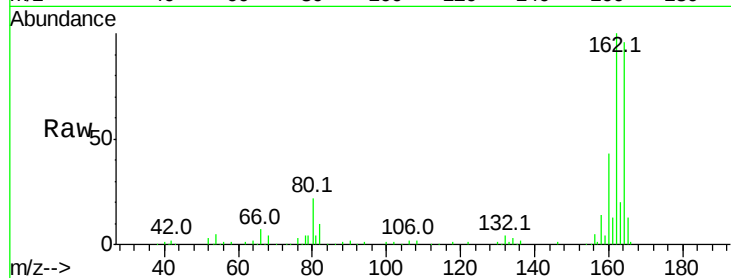




#56
 2,4-Dinitrotoluene
 Concen: 6.498 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF099838.D
 Acq: 26 Oct 2017 3:49

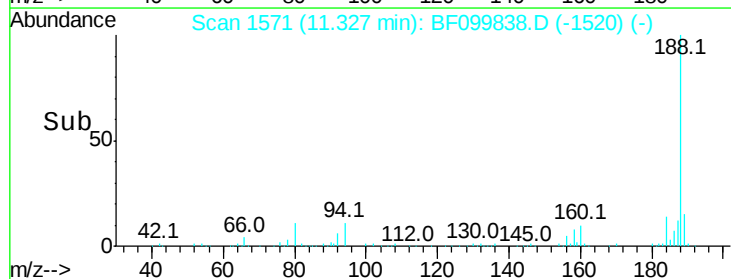
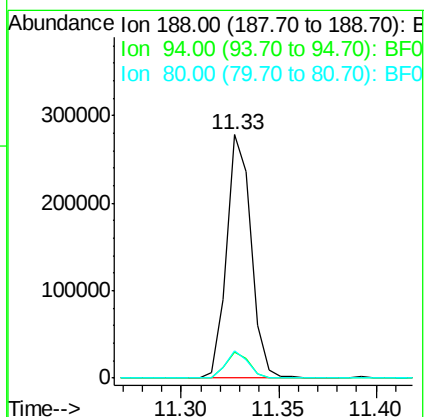
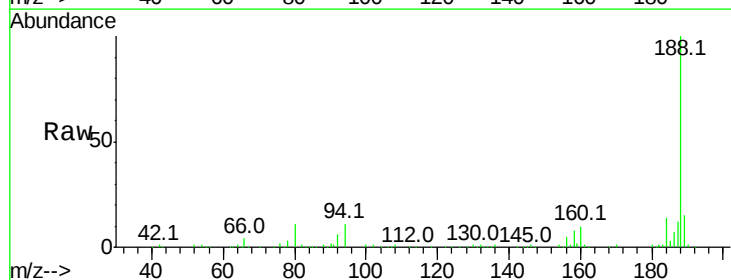
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 17268
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF099838.D
 Acq: 26 Oct 2017 3:49

Tgt Ion:188 Resp: 242738
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.5 12.7
 80 11.4 9.2 13.8

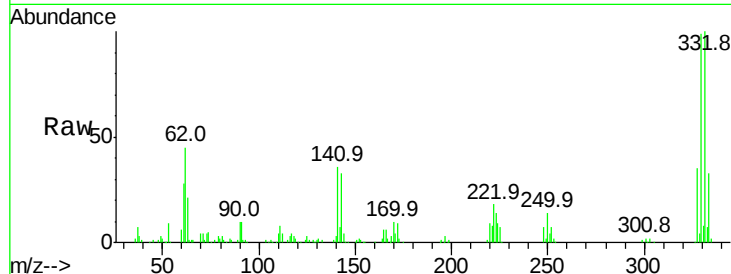




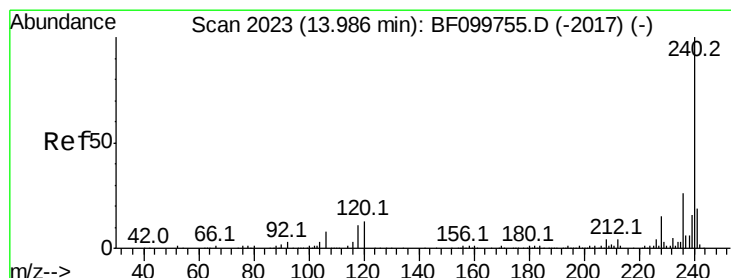
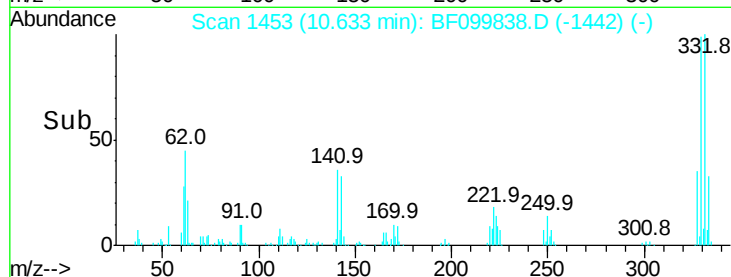
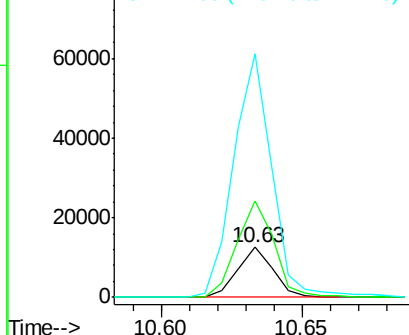
#66
4-Bromophenyl-phenylether
Concen: 4.304 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099838.D
Acq: 26 Oct 2017 3:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10999
Ion Ratio Lower Upper
248 100
250 191.3 76.9 115.3#
141 485.0 74.4 111.6#

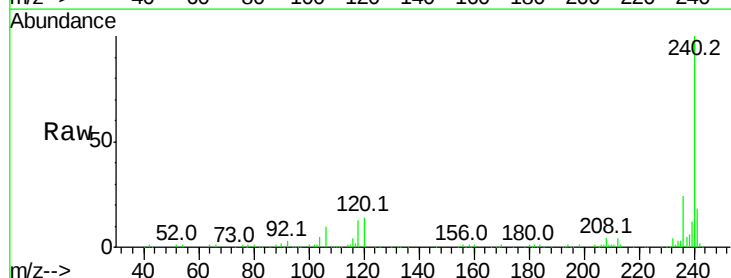


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

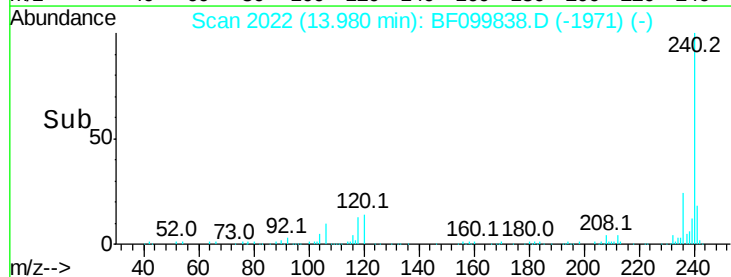
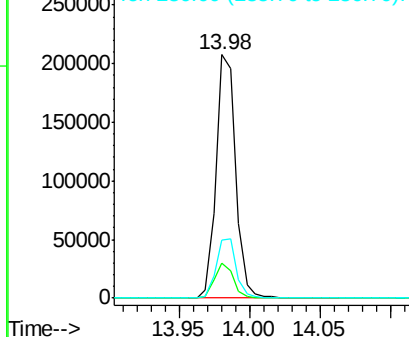


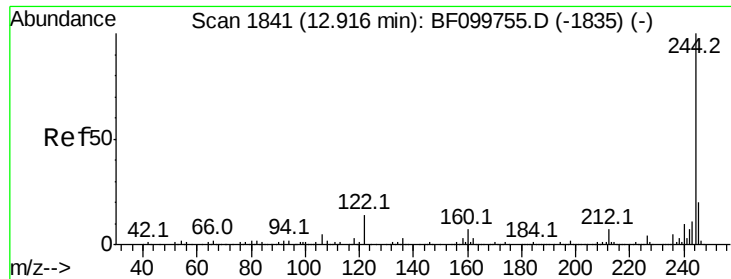
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF099838.D
Acq: 26 Oct 2017 3:49

Tgt Ion:240 Resp: 200402
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3#
236 24.1 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: 84.954 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF099838.D

Acq: 26 Oct 2017 3:49

Instrument :

BNA_F

ClientSampleId :

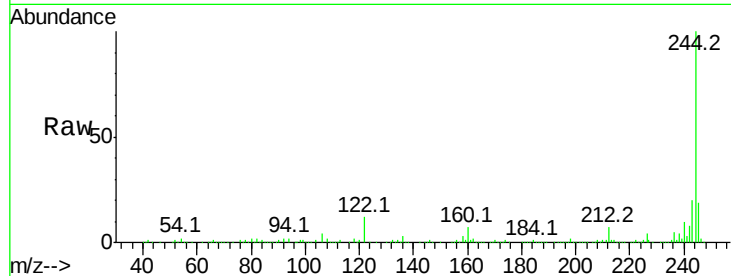
Tot Ion:244 Resp: 779044

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

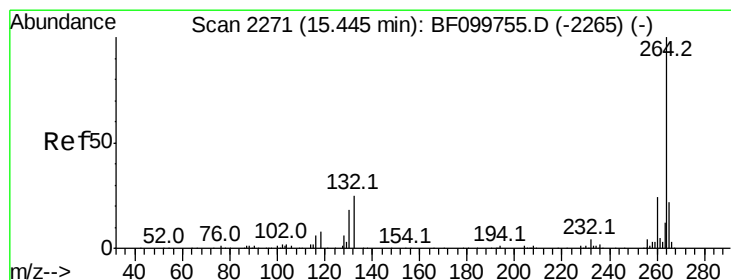
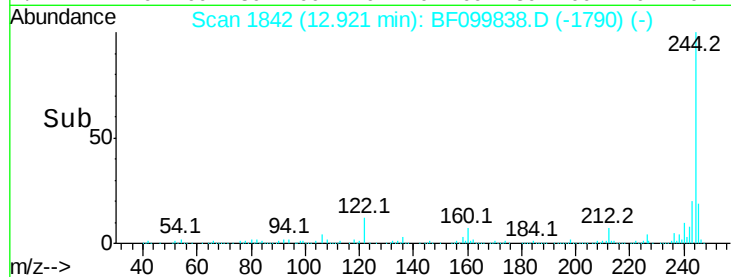
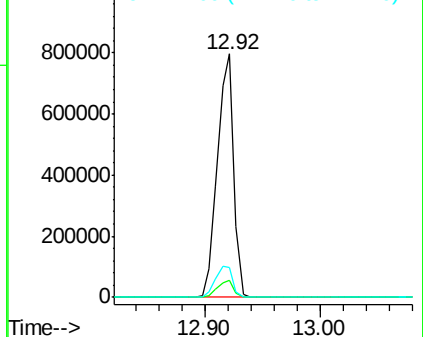
122 12.4 11.0 16.4



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: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF099838.D

Acq: 26 Oct 2017 3:49

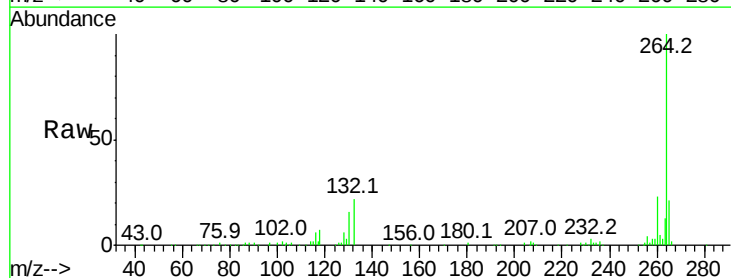
Tgt Ion:264 Resp: 174490

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 20.9 17.5 26.3



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

