

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108751.D
 Acq On : 4 Sep 2018 19:55
 Operator : JU/SJ
 Sample : J4748-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 05 03:12:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

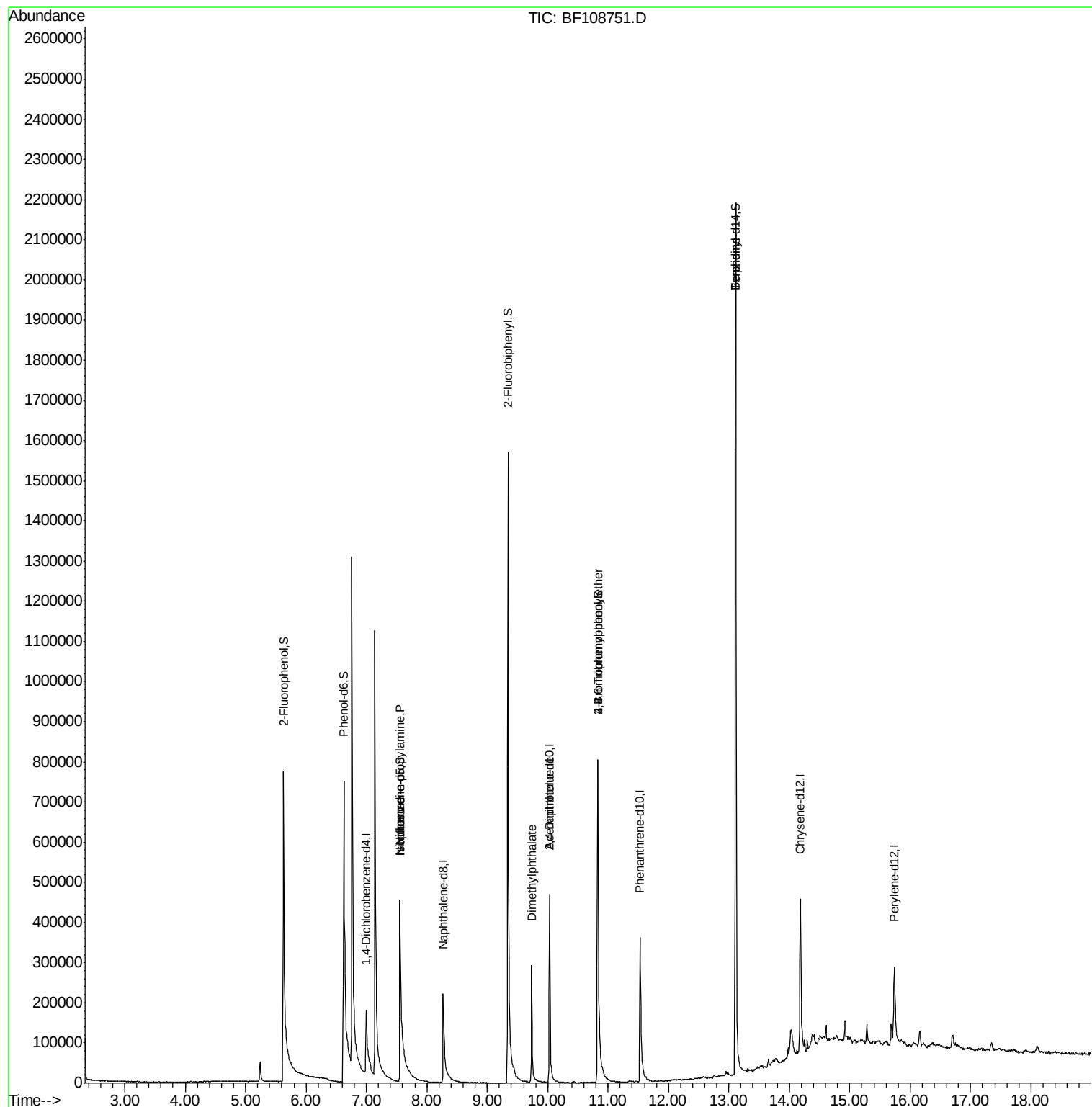
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	63929	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	241361	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	119760	20.00	ng	-0.02
63) Phenanthrene-d10	11.53	188	260167	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	197217	20.00	ng	-0.02
86) Perylene-d12	15.74	264	137952	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	437861	118.98	ng	-0.02
7) Phenol-d6	6.62	99	620885	117.80	ng	-0.02
23) Nitrobenzene-d5	7.55	82	416872	87.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.83	330	176109	111.39	ng	-0.02
44) 2-Fluorobiphenyl	9.34	172	749587	84.16	ng	-0.02
78) Terphenyl-d14	13.11	244	891647	87.84	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	48335	13.694	ng	# 83
25) Isophorone	7.55	82	424803	53.779	ng	# 64
49) Dimethylphthalate	9.74	163	163189	17.304	ng	# 99
56) 2,4-Dinitrotoluene	10.03	165	14243	5.175	ng	# 21
66) 4-Bromophenyl-phenylether	10.83	248	11696	3.658	ng	# 1
76) Benzidine	13.11	184	11646	2.098	ng	# 92

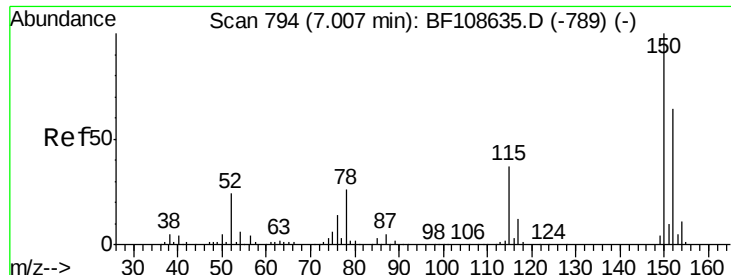
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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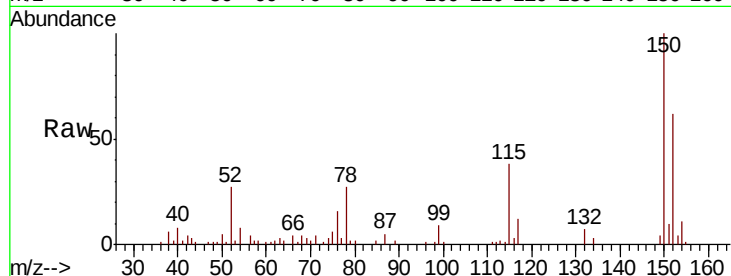




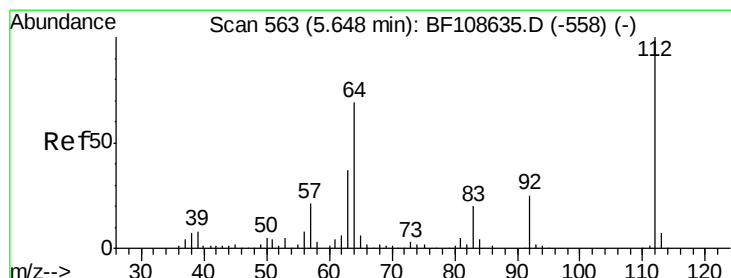
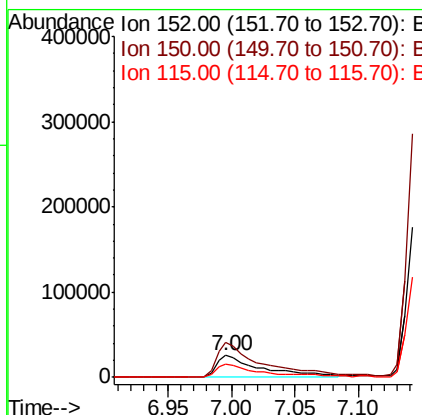
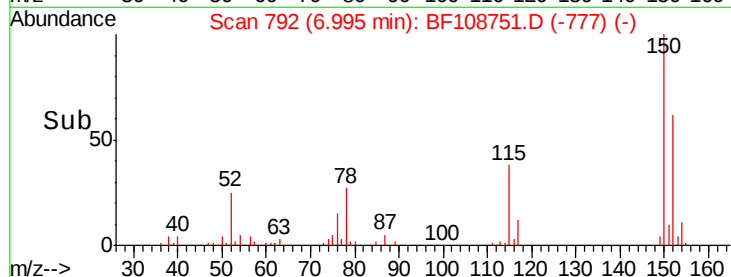
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.00 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF108751.D
 Acq: 4 Sep 2018 19:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 63929
 Ion Ratio Lower Upper
 152 100
 150 160.4 124.6 186.8
 115 60.4 50.1 75.1

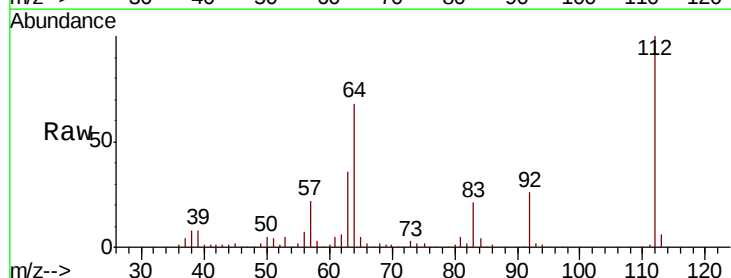


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

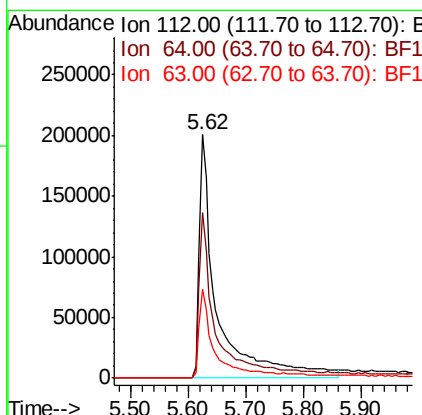
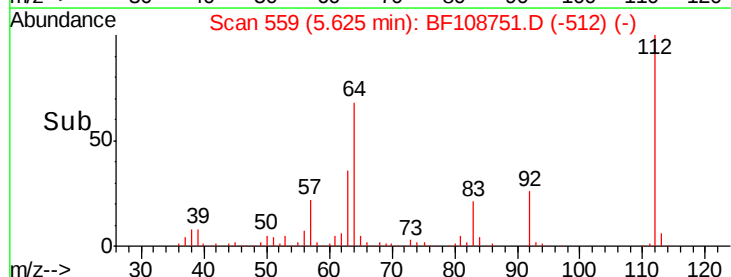


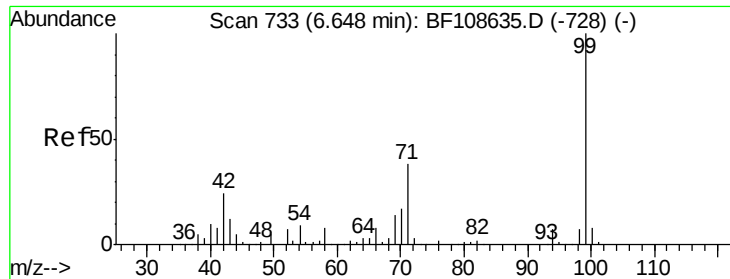
#5
 2-Fluorophenol
 Concen: 118.984 ng
 RT: 5.62 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF108751.D
 Acq: 4 Sep 2018 19:55

Tgt Ion:112 Resp: 437861
 Ion Ratio Lower Upper
 112 100
 64 67.9 47.9 71.9
 63 36.2 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 117.799 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF108751.D

Acq: 4 Sep 2018 19:55

Instrument :

BNA_F

ClientSampleId :

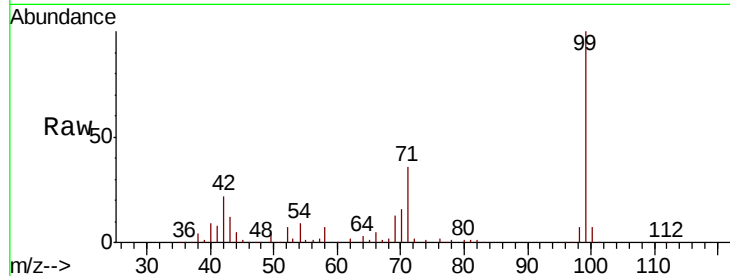
Tot Ion: 99 Resp: 620885

Ion Ratio Lower Upper

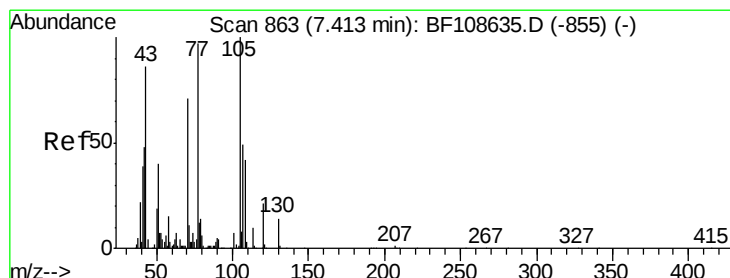
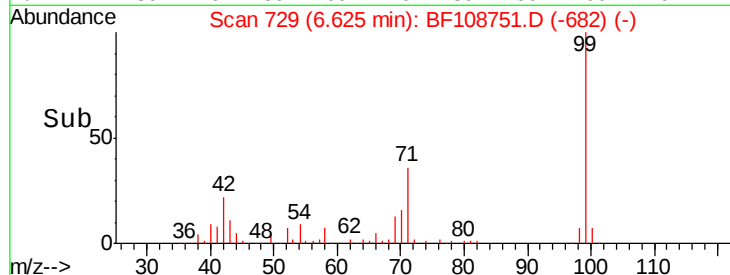
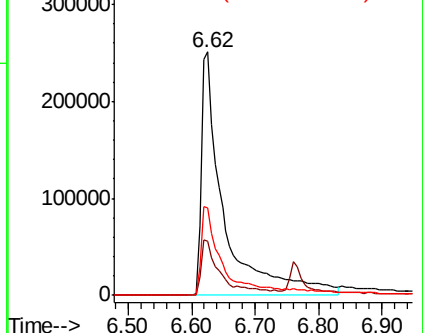
99 100

42 22.1 14.5 21.7#

71 36.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.694 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108751.D

Acq: 4 Sep 2018 19:55

Tgt Ion: 70 Resp: 48335

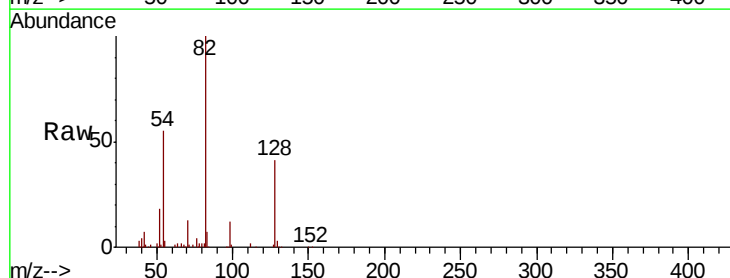
Ion Ratio Lower Upper

70 100

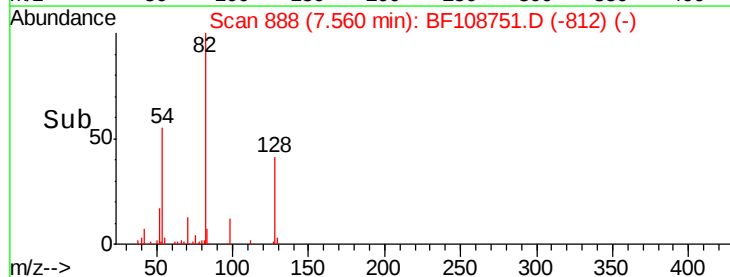
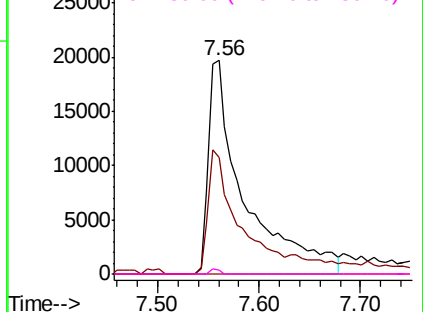
42 54.4 47.5 71.3

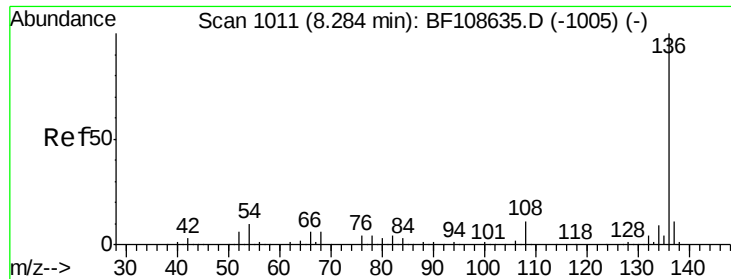
101 0.0 7.4 11.2#

130 1.6 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

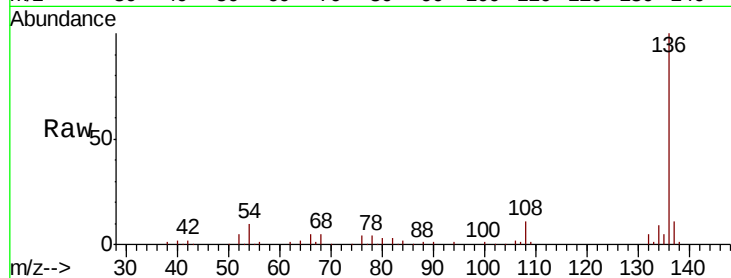




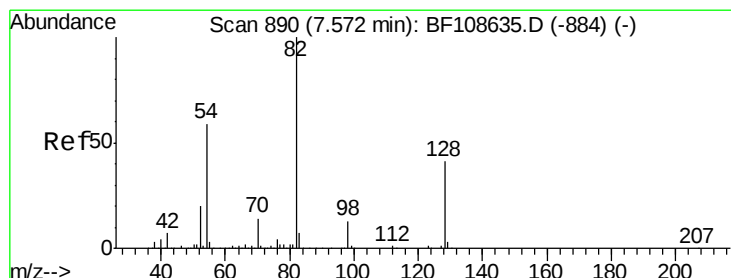
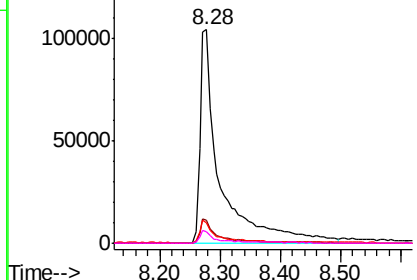
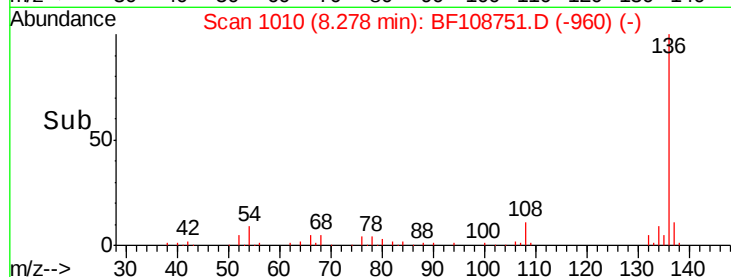
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF108751.D
Acq: 4 Sep 2018 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	241361
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	9.8	6.6 9.8#
68	5.2	5.0 7.4

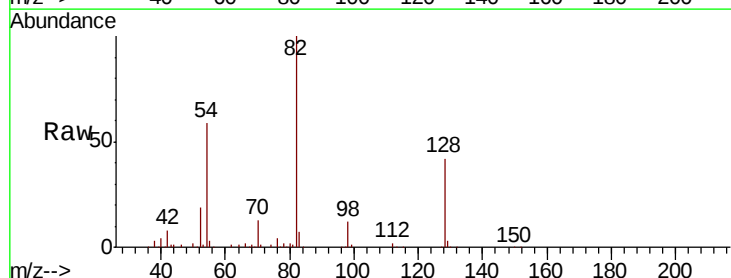


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

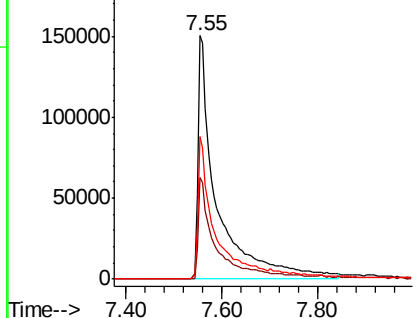
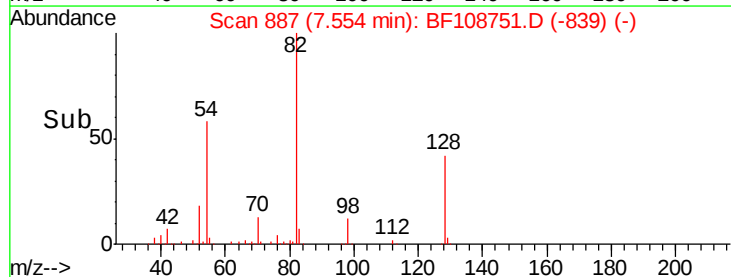


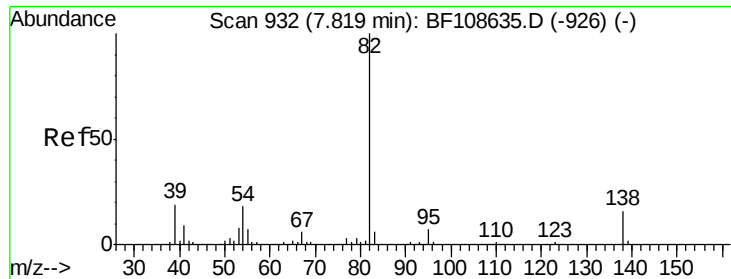
#23
Nitrobenzene-d5
Concen: 87.669 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF108751.D
Acq: 4 Sep 2018 19:55

Tgt Ion: 82	Resp:	416872
Ion Ratio	Lower	Upper
82	100	
128	41.5	36.1 54.1
54	58.7	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 53.779 ng

RT: 7.55 min Scan# 887

Delta R.T. -0.26 min

Lab File: BF108751.D

Acq: 4 Sep 2018 19:55

Instrument :

BNA_F

ClientSampleId :

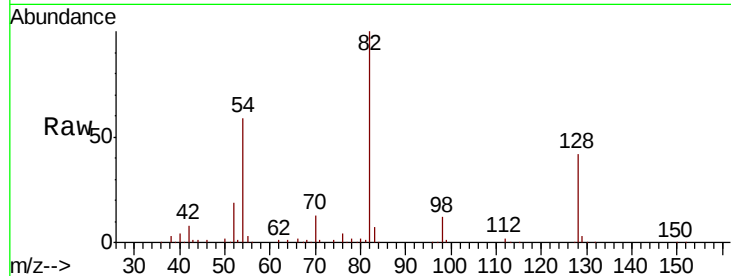
Tot Ion: 82 Resp: 424803

Ion Ratio Lower Upper

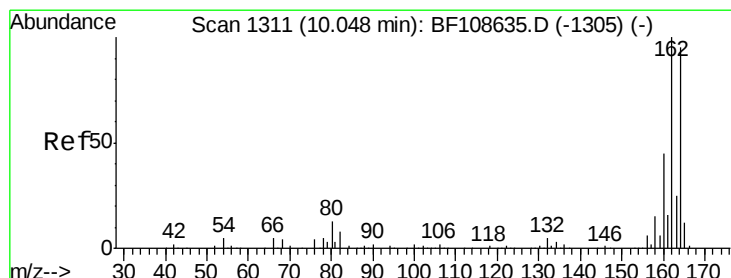
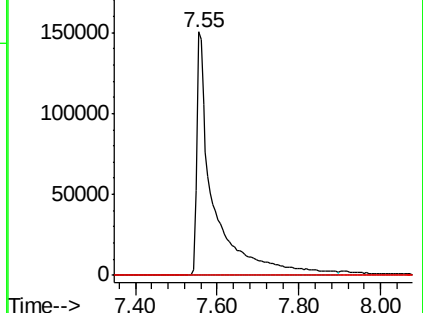
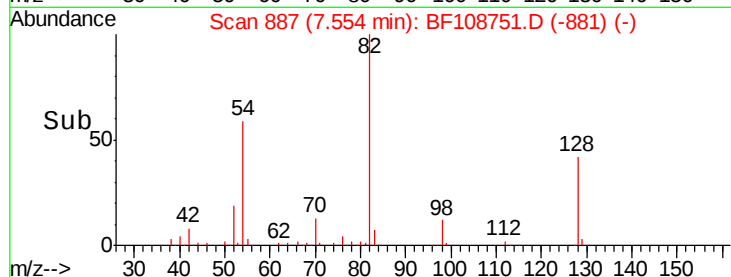
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF108751.D

Acq: 4 Sep 2018 19:55

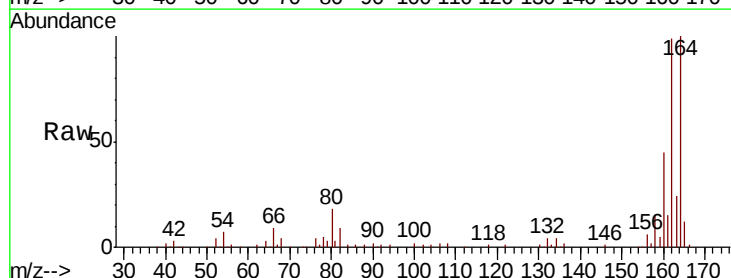
Tgt Ion:164 Resp: 119760

Ion Ratio Lower Upper

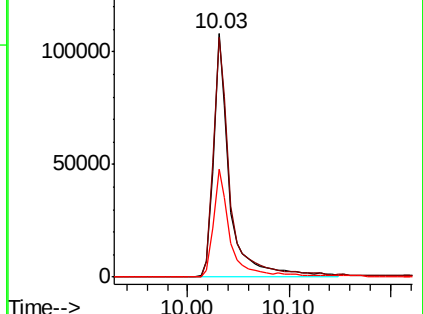
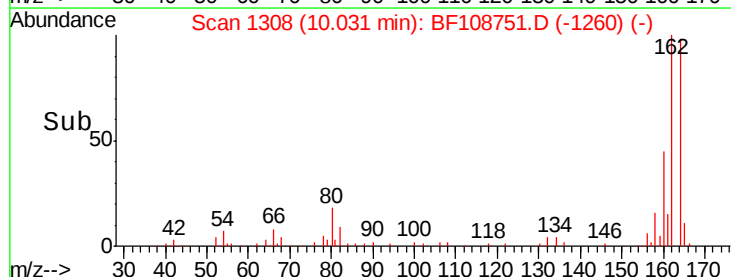
164 100

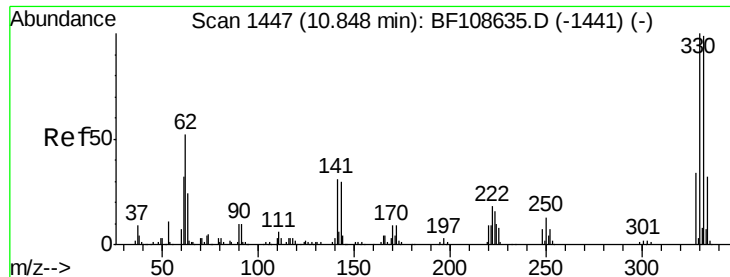
162 98.7 86.1 129.1

160 44.6 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

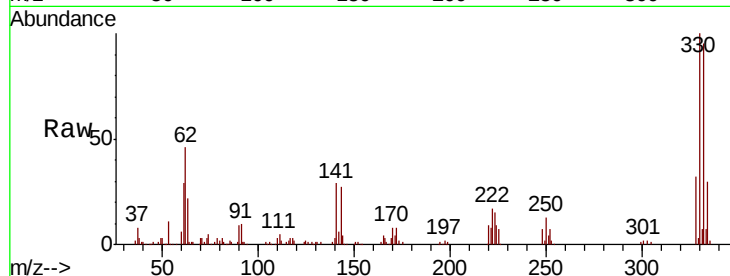




#41
 2,4,6-Tribromophenol
 Concen: 111.392 ng
 RT: 10.83 min Scan# 1444
 Delta R.T. -0.02 min
 Lab File: BF108751.D
 Acq: 4 Sep 2018 19:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	33.0	29.9	44.9

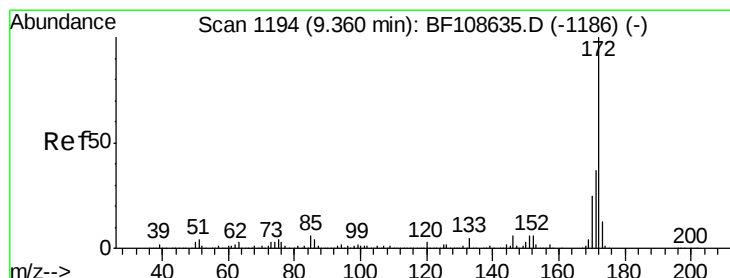
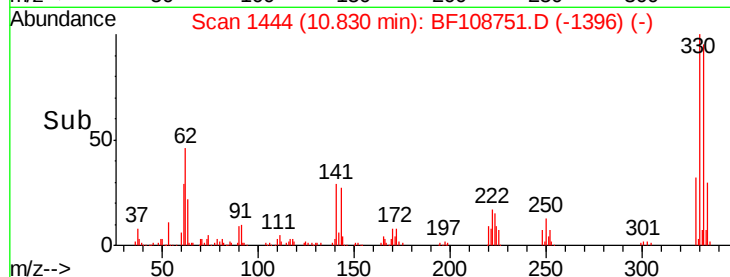
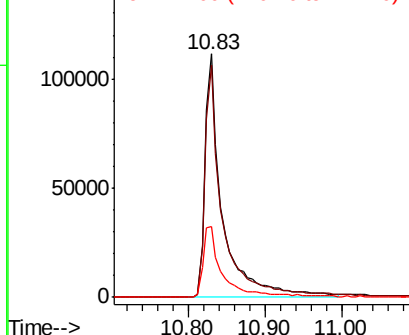


Abundance

Ion 329.80 (329.50 to 330.50): E

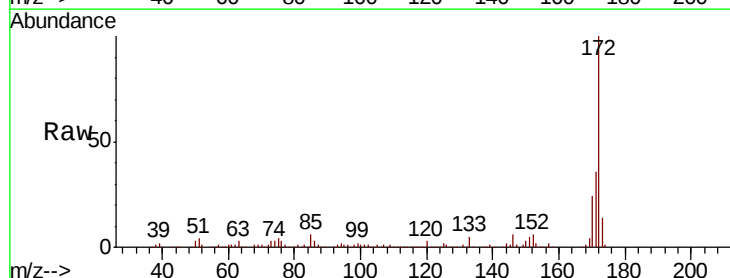
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.158 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF108751.D
 Acq: 4 Sep 2018 19:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	19.6	29.4

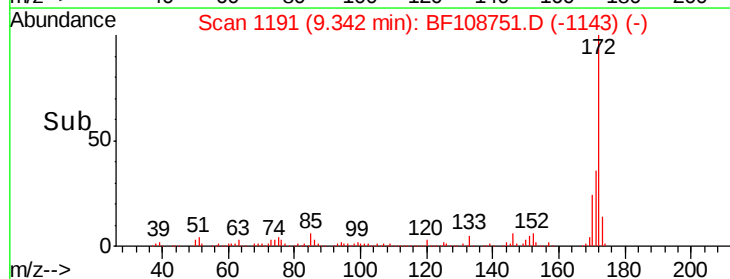
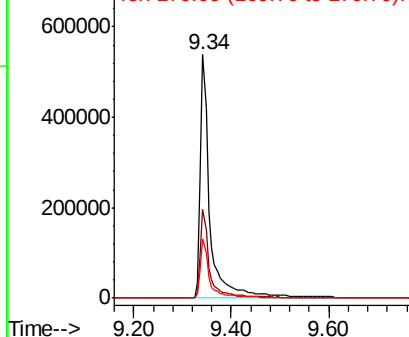


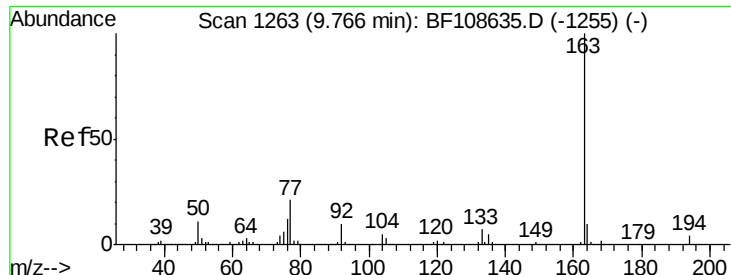
Abundance

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

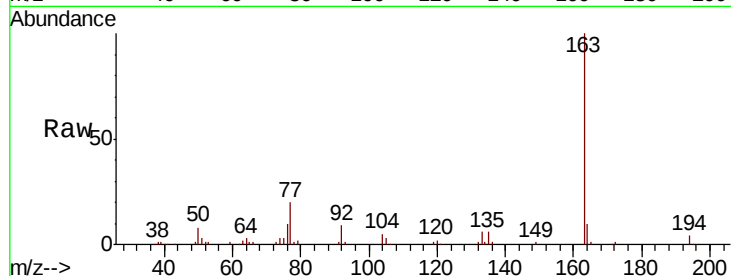




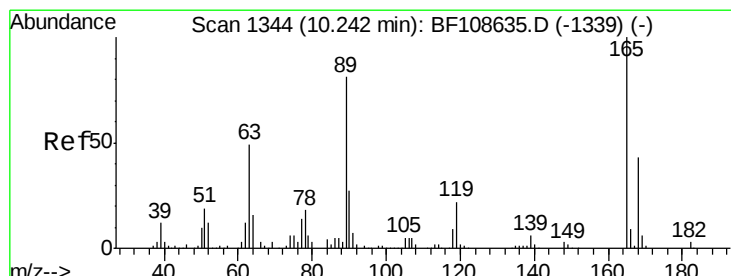
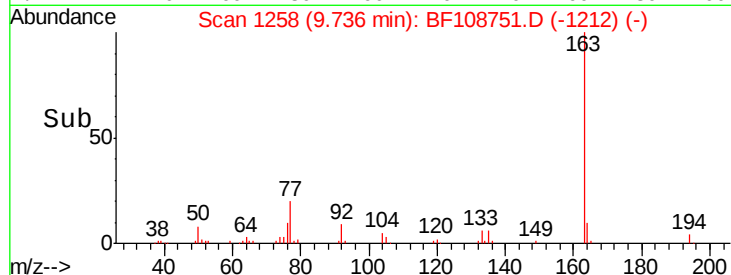
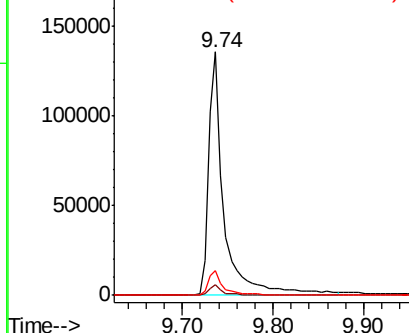
#49
Dimethylphthalate
Concen: 17.304 ng
RT: 9.74 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF108751.D
Acq: 4 Sep 2018 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 163189
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.2 8.2 12.2

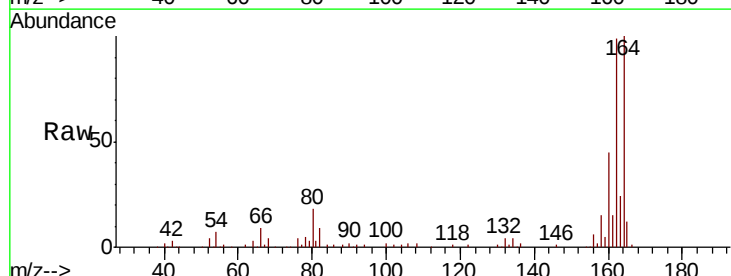


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

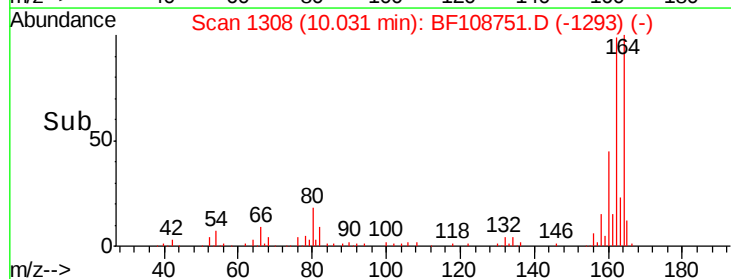
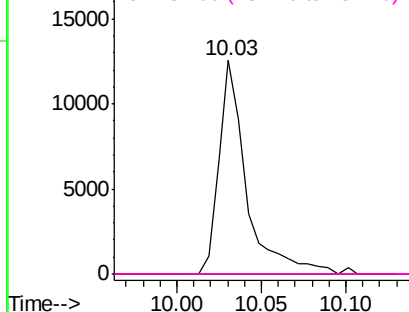


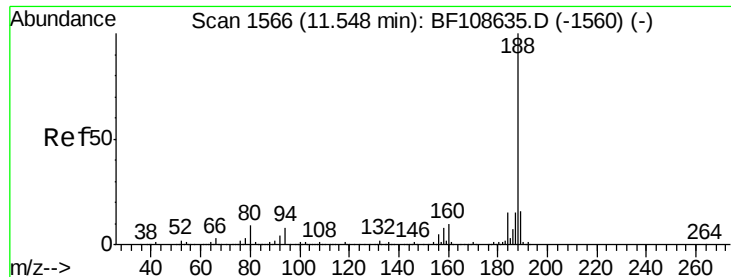
#56
2,4-Dinitrotoluene
Concen: 5.175 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.21 min
Lab File: BF108751.D
Acq: 4 Sep 2018 19:55

Tgt Ion:165 Resp: 14243
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#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

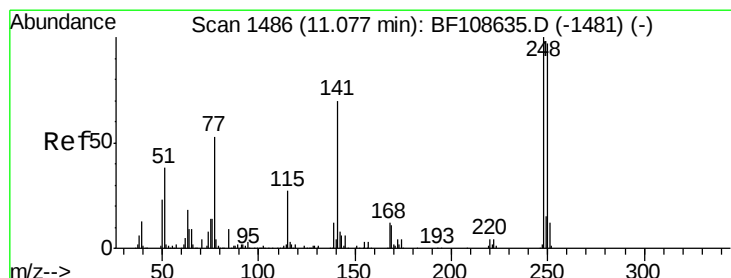
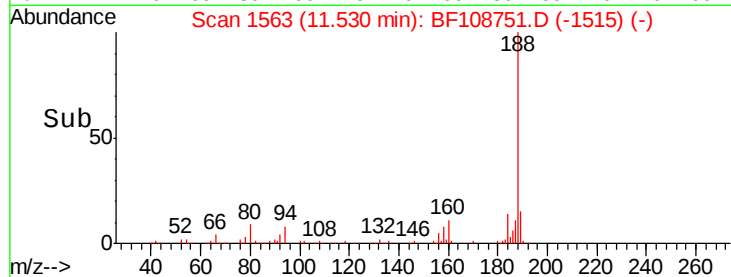
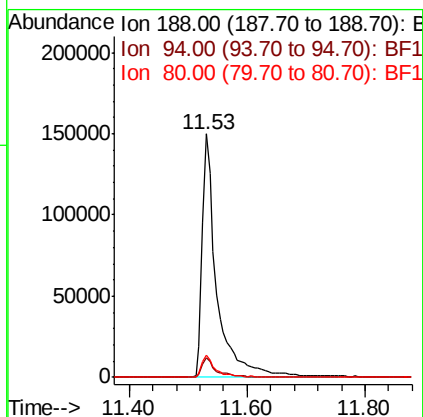
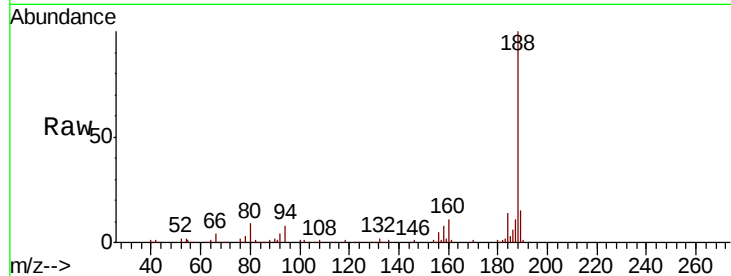




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: BF108751.D
 Acq: 4 Sep 2018 19:55

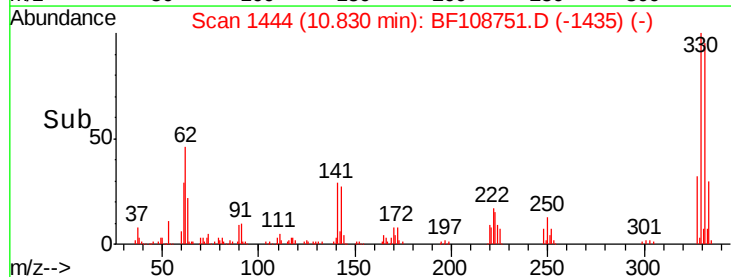
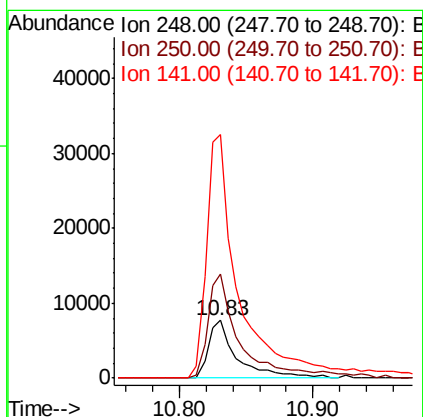
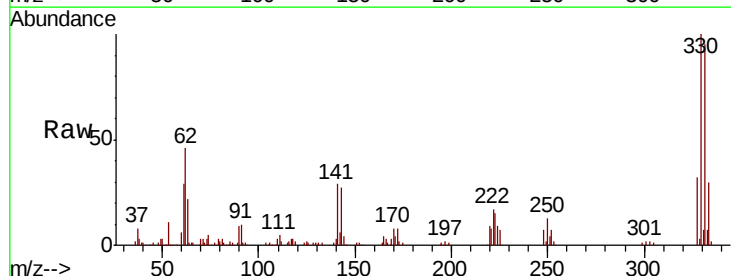
Instrument :
 BNA_F
 ClientSampleId :

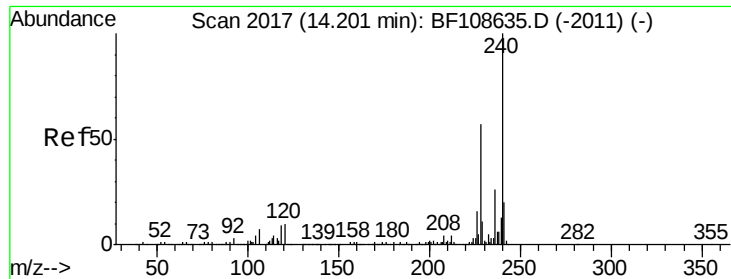
Tot Ion:188 Resp: 260167
 Ion Ratio Lower Upper
 188 100
 94 8.1 8.5 12.7#
 80 8.9 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.658 ng
 RT: 10.83 min Scan# 1444
 Delta R.T. -0.25 min
 Lab File: BF108751.D
 Acq: 4 Sep 2018 19:55

Tgt Ion:248 Resp: 11696
 Ion Ratio Lower Upper
 248 100
 250 180.6 76.9 115.3#
 141 421.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.18 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BF108751.D

Acq: 4 Sep 2018 19:55

Instrument :

BNA_F

ClientSampleId :

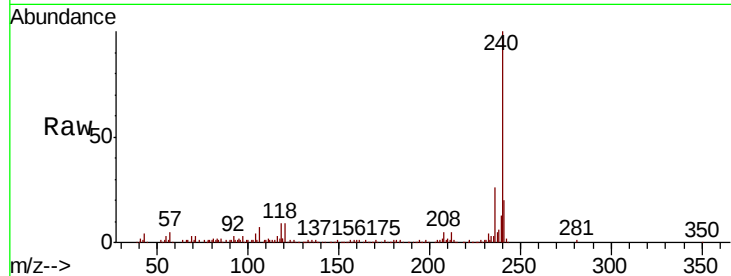
Tot Ion:240 Resp: 197217

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

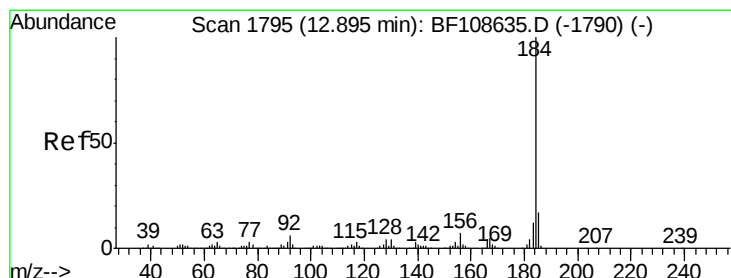
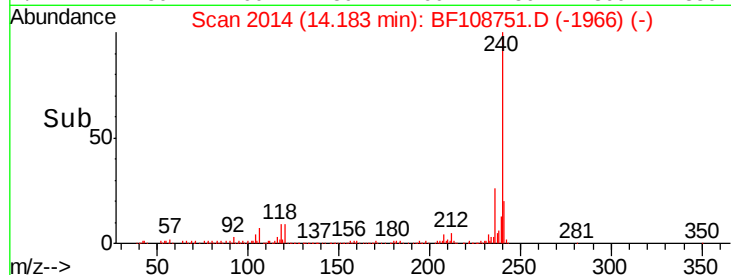
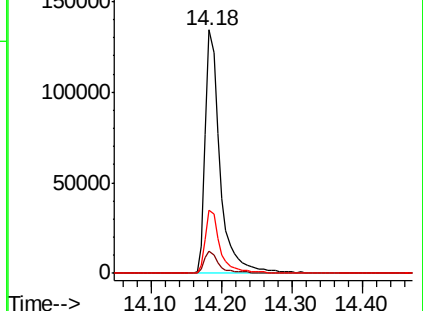
236 25.7 20.7 31.1



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



#76

Benzidine

Concen: 2.098 ng

RT: 13.11 min Scan# 1832

Delta R.T. 0.22 min

Lab File: BF108751.D

Acq: 4 Sep 2018 19:55

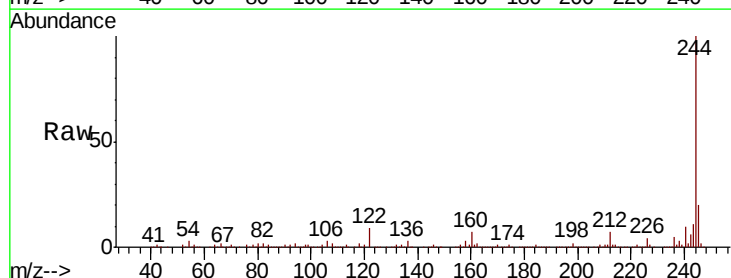
Tgt Ion:184 Resp: 11646

Ion Ratio Lower Upper

184 100

185 19.0 12.6 18.8#

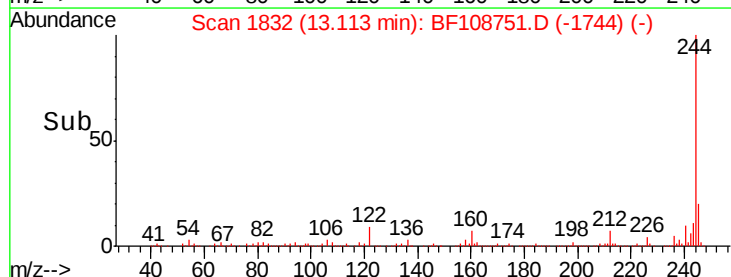
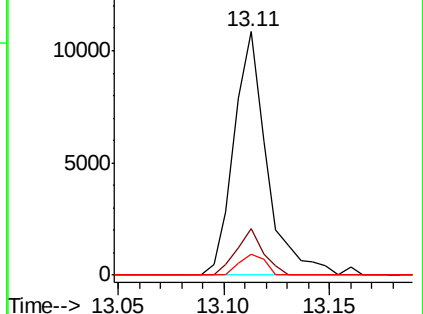
183 8.4 9.3 13.9#

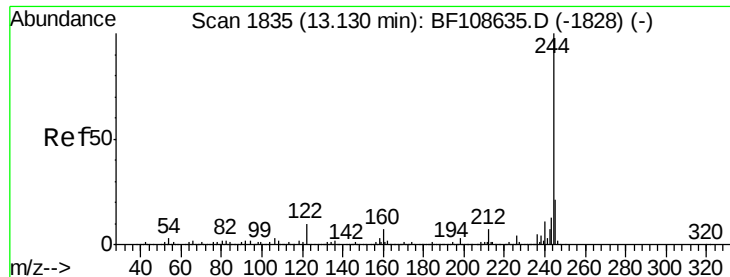


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 87.844 ng

RT: 13.11 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF108751.D

Acq: 4 Sep 2018 19:55

Instrument :

BNA_F

ClientSampleId :

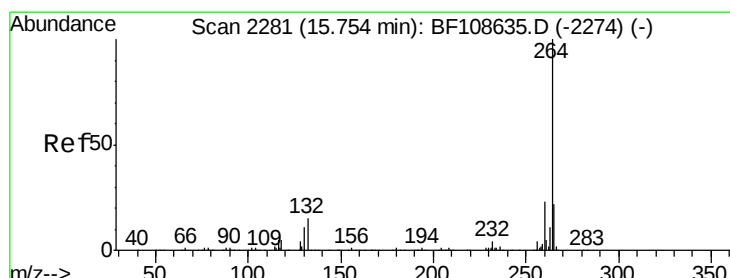
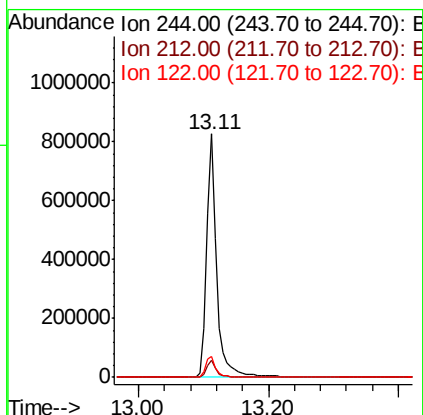
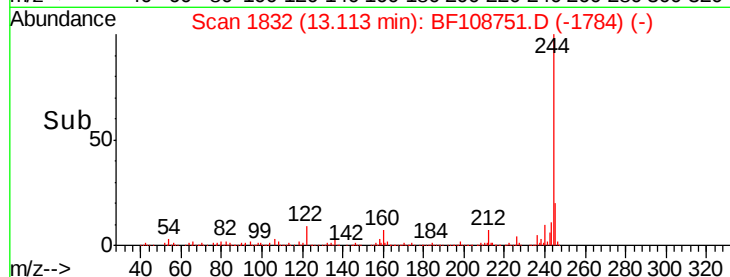
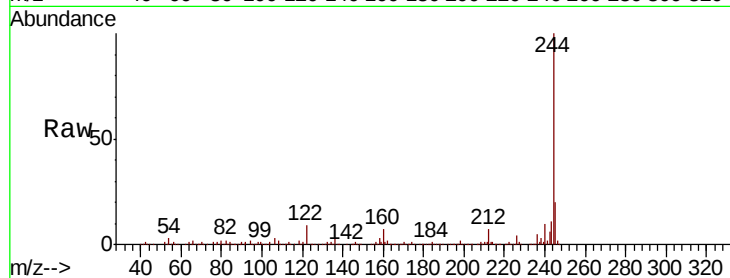
Tot Ion:244 Resp: 891647

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 8.8 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.74 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BF108751.D

Acq: 4 Sep 2018 19:55

Tgt Ion:264 Resp: 137952

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.5 17.5 26.3

