

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020520\
 Data File : BF118823.D
 Acq On : 5 Feb 2020 11:50
 Operator : CG/JU
 Sample : PB126588BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 00:22:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

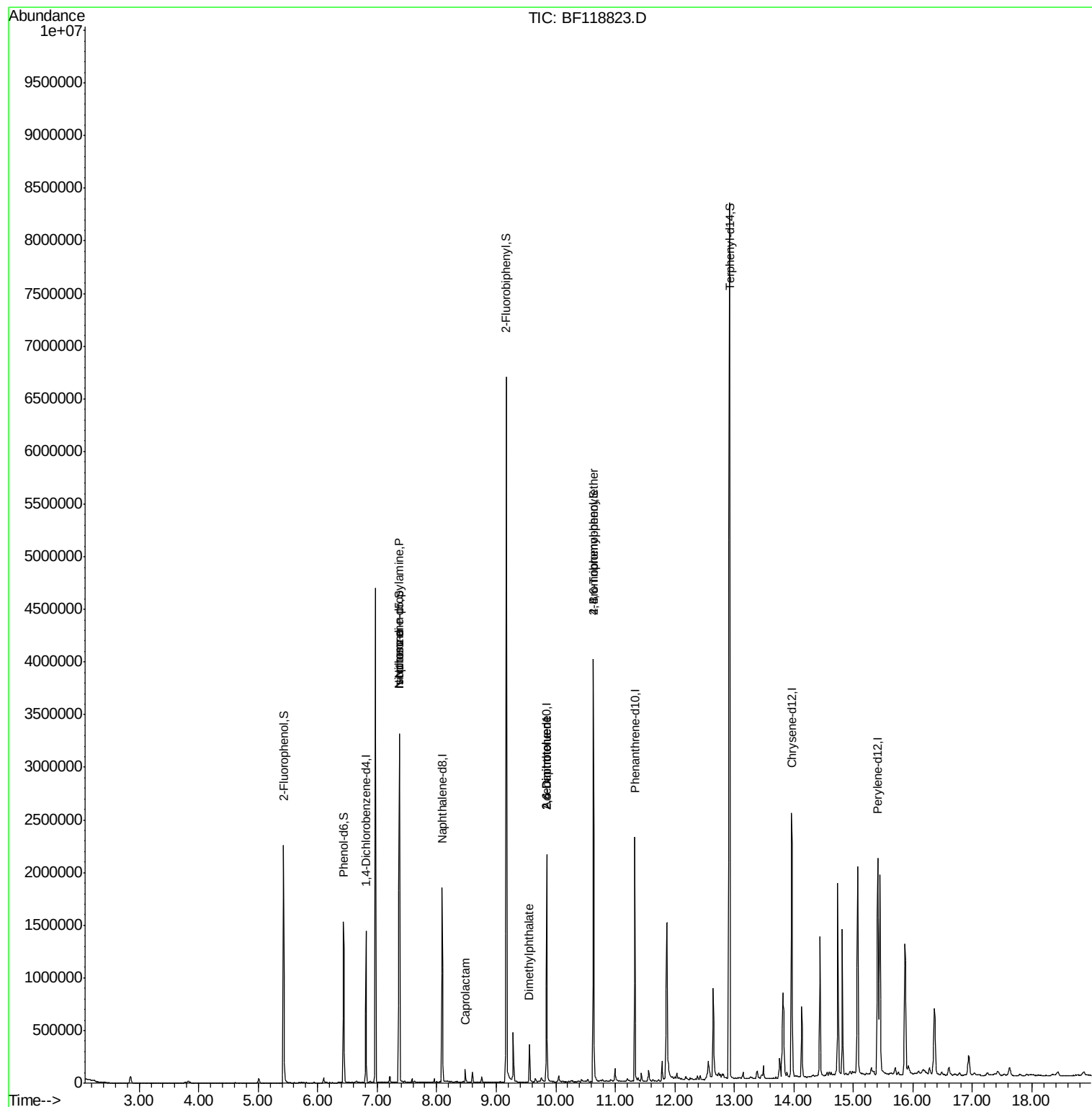
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	209478	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	801311	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	461778	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	908646	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	882442	20.00	ng	-0.02
87) Perylene-d12	15.41	264	986218	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	659234	59.57	ng	0.00
7) Phenol-d6	6.43	99	504110	36.70	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1194381	88.84	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	550125	99.56	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2388223	92.46	ng	-0.01
79) Terphenyl-d14	12.92	244	3452450	80.36	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	1436	Below Cal		95
19) n-Nitroso-di-n-propylamine	7.37	70	165241	19.659 ng	#	74
25) Isophorone	7.37	82	1194371	49.433 ng	#	63
35) Caprolactam	8.48	113	15923	4.219 ng		92
50) Dimethylphthalate	9.56	163	157619	5.013 ng		99
51) 2,6-Dinitrotoluene	9.85	165	59255	8.236 ng	#	31
57) 2,4-Dinitrotoluene	9.85	165	59578	6.258 ng	#	34
67) 4-Bromophenyl-phenylether	10.63	248	34854	3.243 ng	#	1

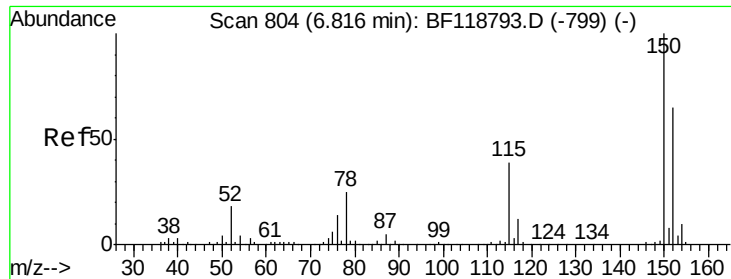
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020520\
Data File : BF118823.D
Acq On : 5 Feb 2020 11:50
Operator : CG/JU
Sample : PB126588BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 06 00:22:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



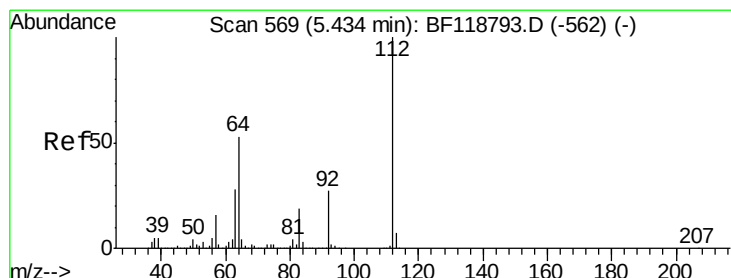
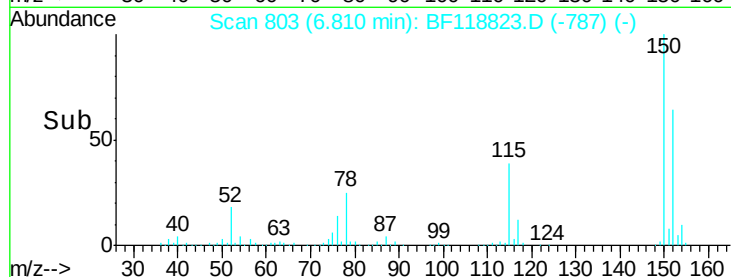
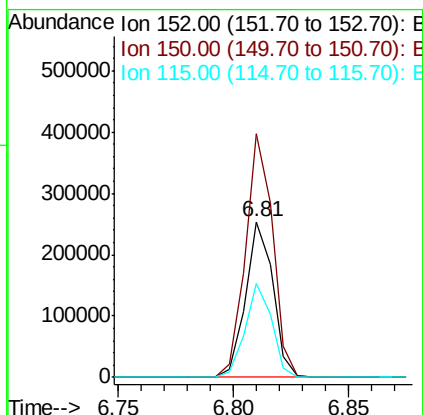
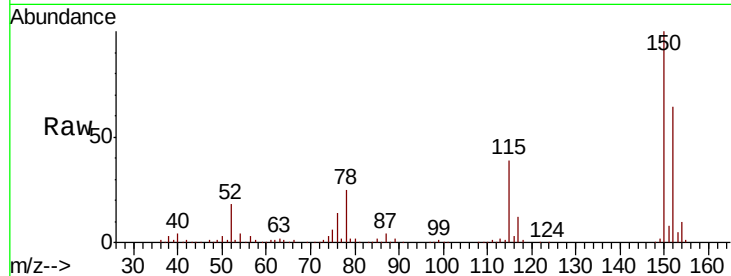


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118823.D
Acq: 5 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :

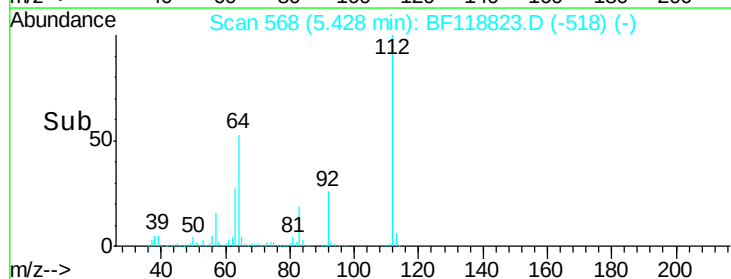
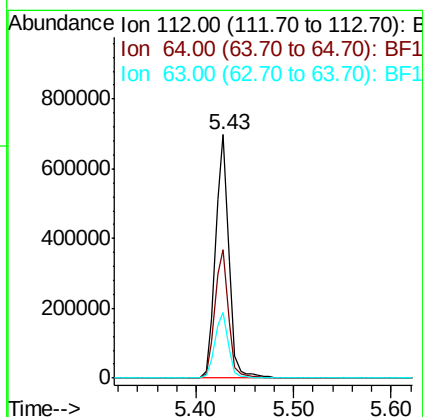
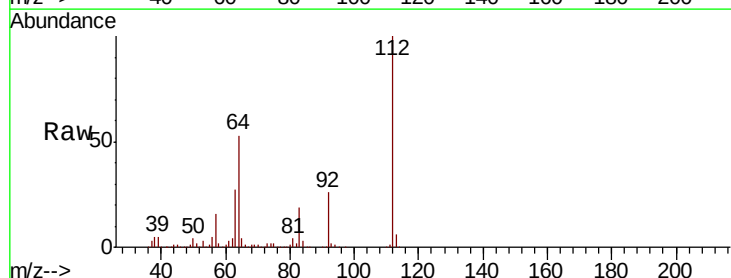
Tot Ion:152 Resp: 209478
Ion Ratio Lower Upper
152 100
150 156.7 123.6 185.4
115 60.6 48.2 72.2

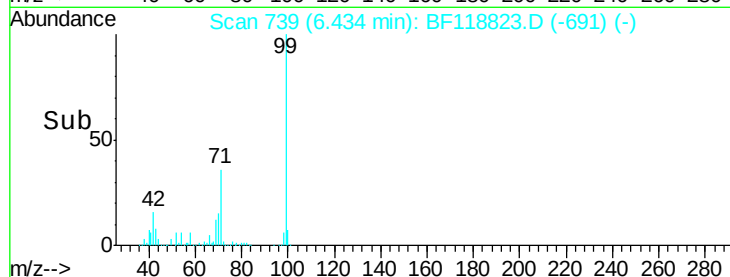
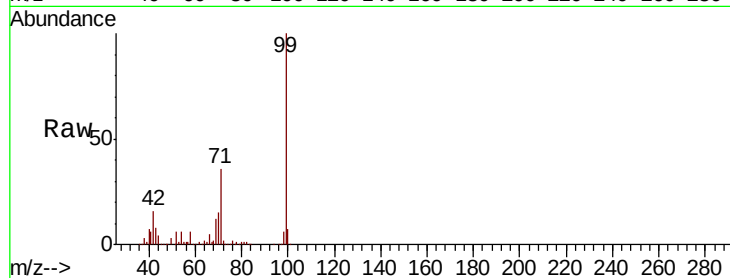
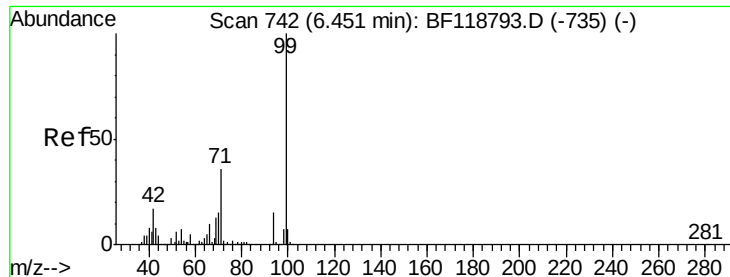


#5

2-Fluorophenol
Concen: 59.571 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF118823.D
Acq: 5 Feb 2020 11:50

Tgt Ion:112 Resp: 659234
Ion Ratio Lower Upper
112 100
64 52.9 42.6 63.8
63 27.0 22.2 33.4





#7

Phenol-d6

Concen: 36.697 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF118823.D

Acq: 5 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

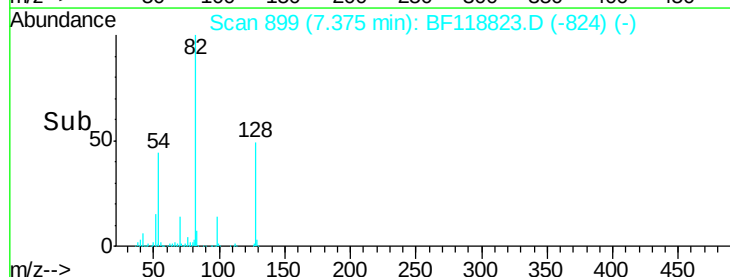
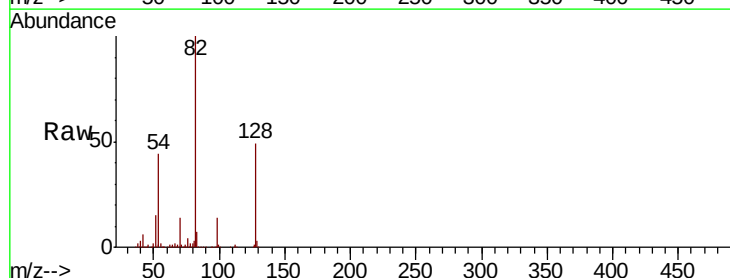
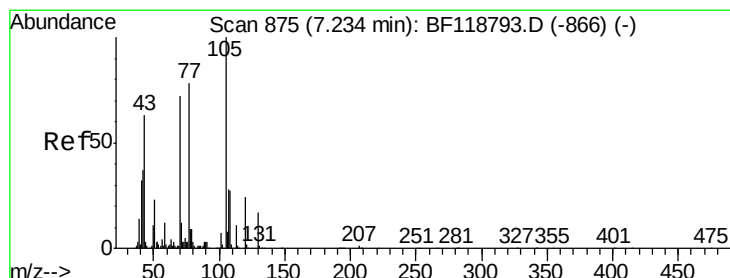
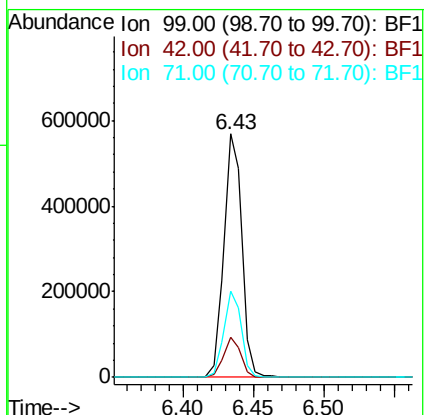
Tot Ion: 99 Resp: 504110

Ion Ratio Lower Upper

99 100

42 16.3 13.4 20.0

71 35.6 29.0 43.6



#19

n-Nitroso-di-n-propylamine

Concen: 19.659 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF118823.D

Acq: 5 Feb 2020 11:50

Tgt Ion: 70 Resp: 165241

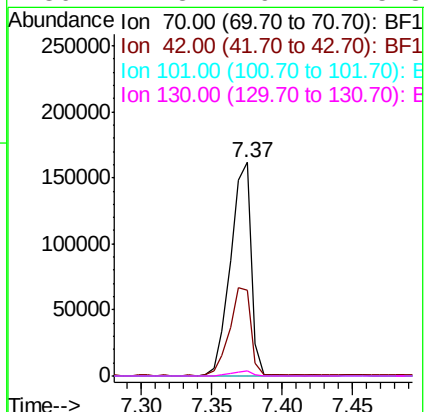
Ion Ratio Lower Upper

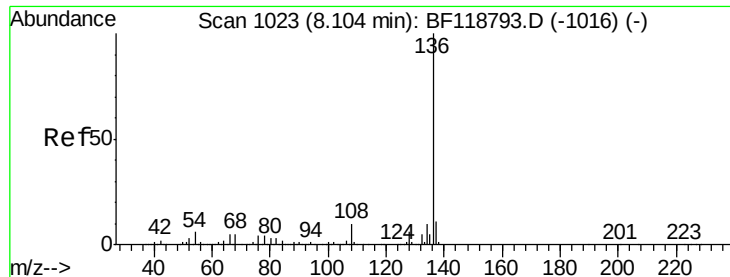
70 100

42 40.1 41.5 62.3#

101 0.0 8.3 12.5#

130 2.3 19.2 28.8#

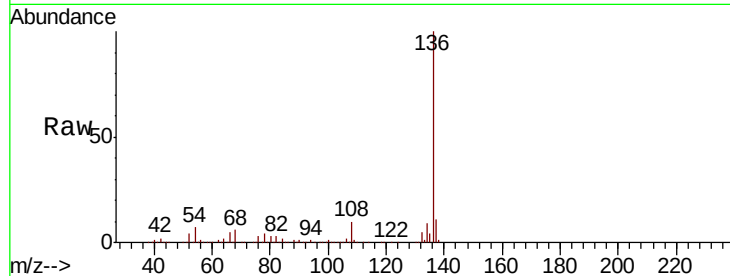




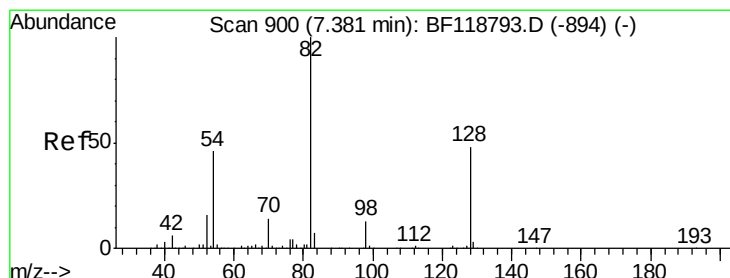
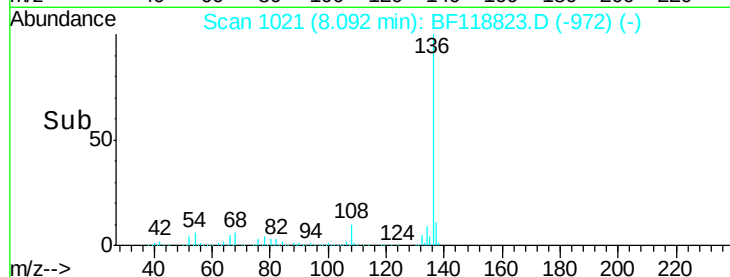
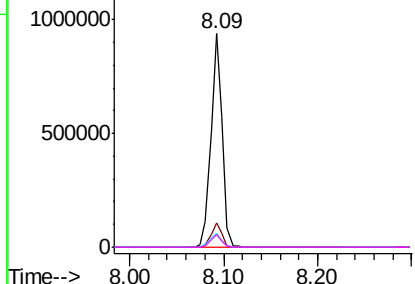
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118823.D
Acq: 5 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	801311
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.7	13.1
54 6.5	5.0	7.6
68 5.8	4.2	6.4

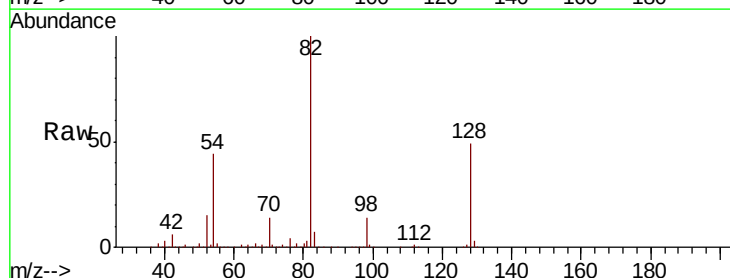


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

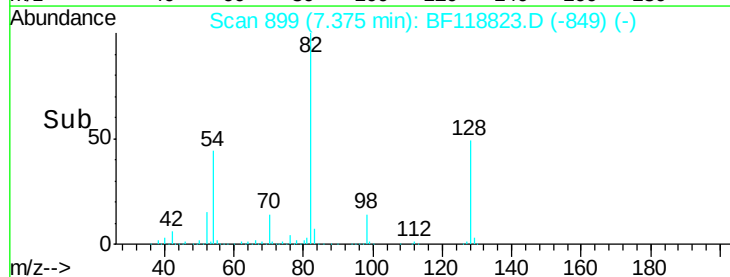
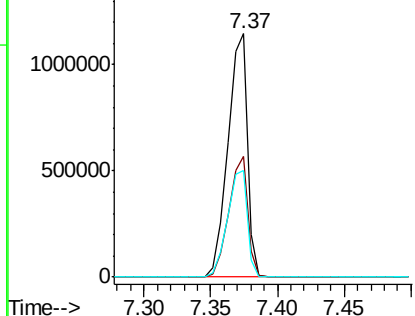


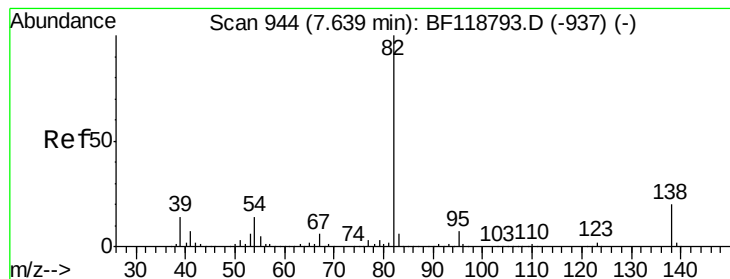
#23
Nitrobenzene-d5
Concen: 88.843 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118823.D
Acq: 5 Feb 2020 11:50

Tgt Ion: 82	Resp: 1194381
Ion Ratio	Lower Upper
82 100	
128 49.4	38.5 57.7
54 44.0	36.7 55.1



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: 49.433 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF118823.D

Acq: 5 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

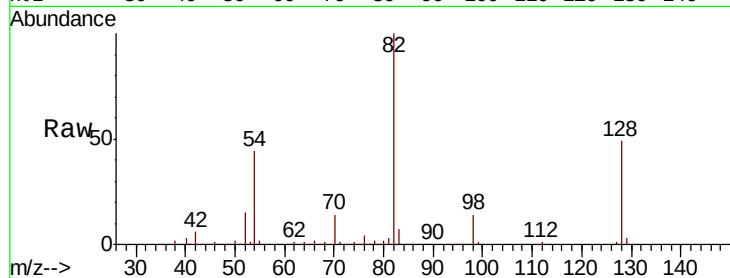
Tot Ion: 82 Resp: 1194371

Ion Ratio Lower Upper

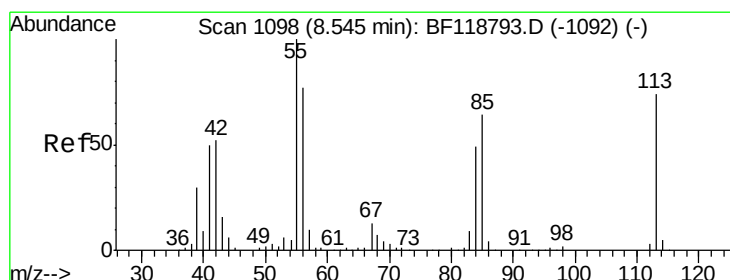
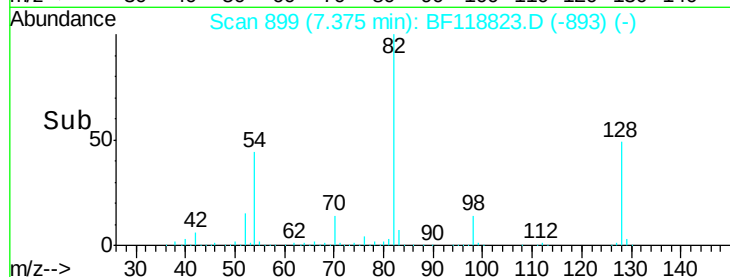
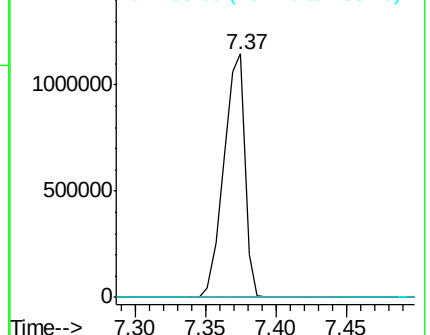
82 100

95 0.0 6.0 9.0#

138 0.0 15.7 23.5#



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



#35

Caprolactam

Concen: 4.219 ng

RT: 8.48 min Scan# 1087

Delta R.T. -0.06 min

Lab File: BF118823.D

Acq: 5 Feb 2020 11:50

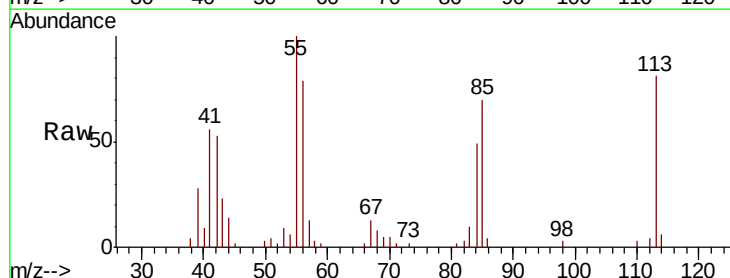
Tgt Ion: 113 Resp: 15923

Ion Ratio Lower Upper

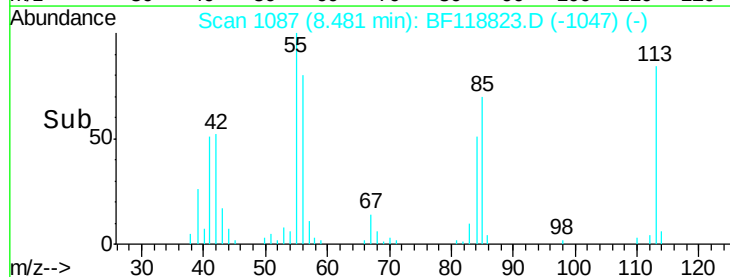
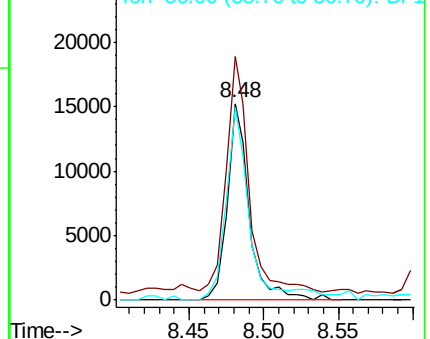
113 100

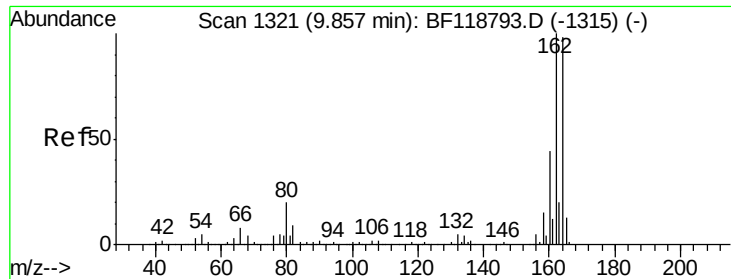
55 123.7 115.5 155.5

56 97.5 83.7 123.7



Abundance Ion 113.00 (112.70 to 113.70): BF1
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

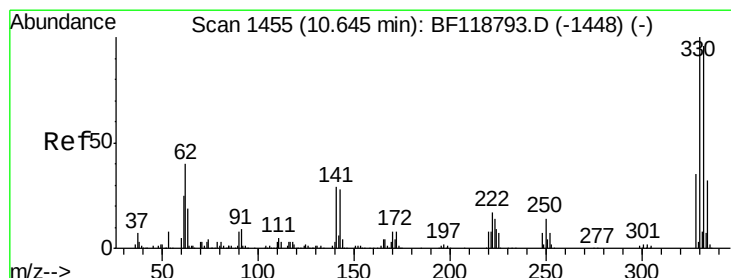
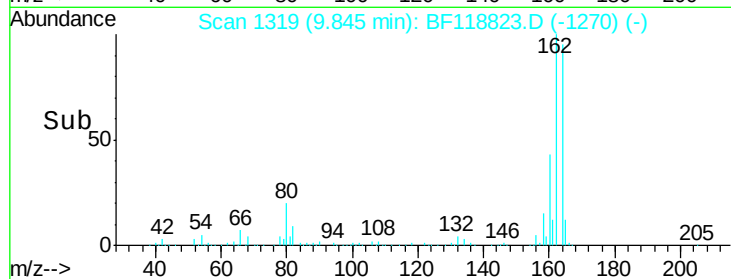
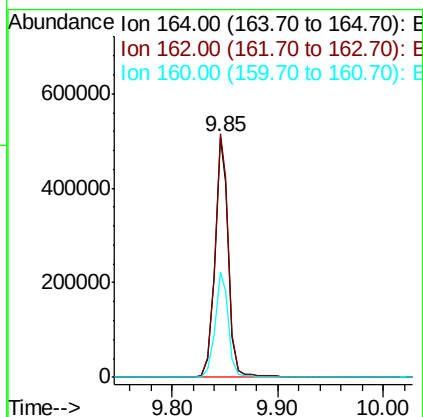
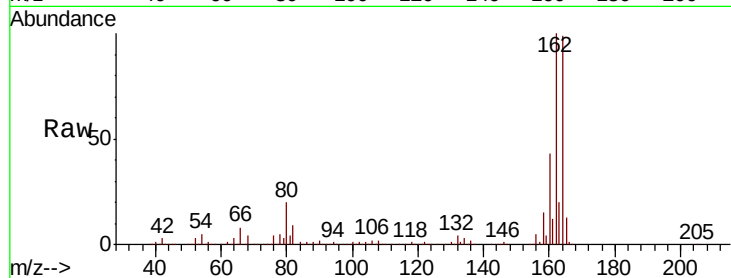




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF118823.D
 Acq: 5 Feb 2020 11:50

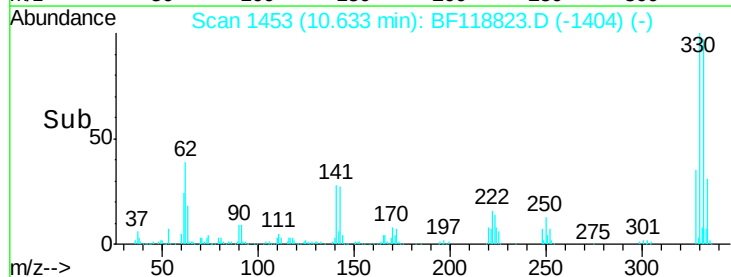
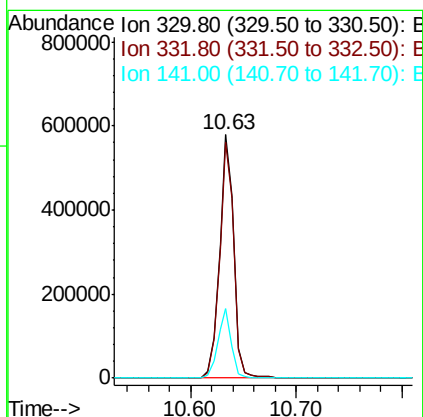
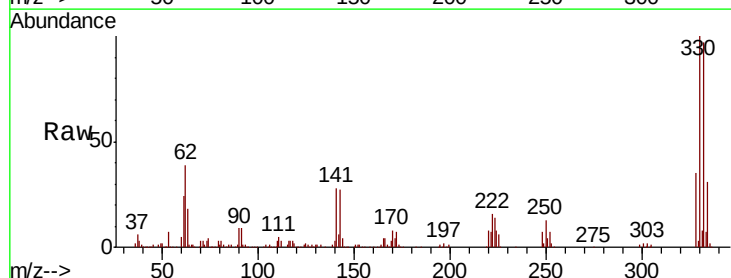
Instrument :
 BNA_F
 ClientSampleId :

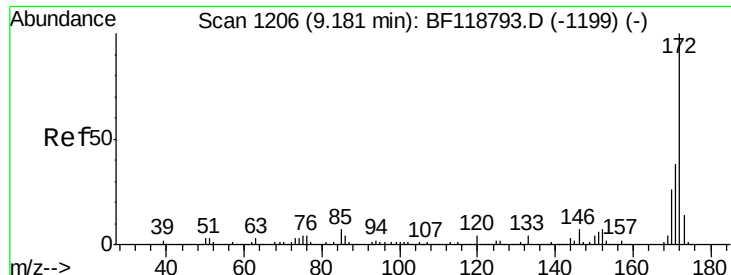
Tot Ion:164 Resp: 461778
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.4 122.2
 160 43.7 35.6 53.4



#42
 2,4,6-Tribromophenol
 Concen: 99.565 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF118823.D
 Acq: 5 Feb 2020 11:50

Tgt Ion:330 Resp: 550125
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.3 115.9
 141 27.4 22.4 33.6

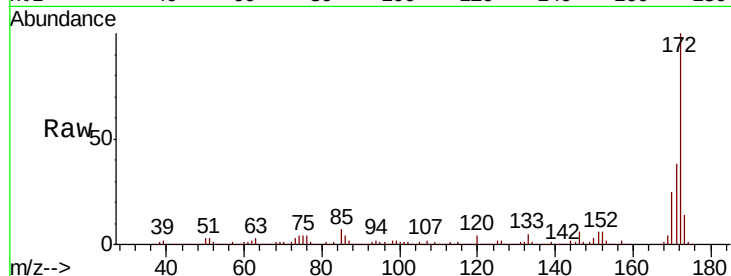




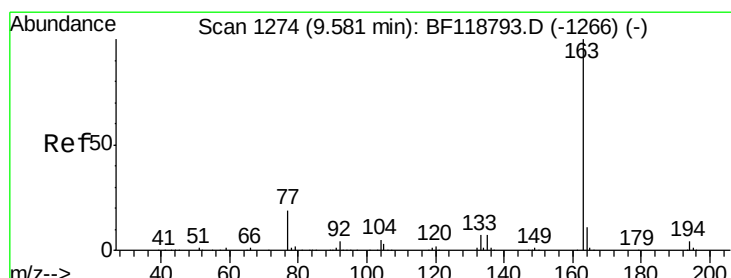
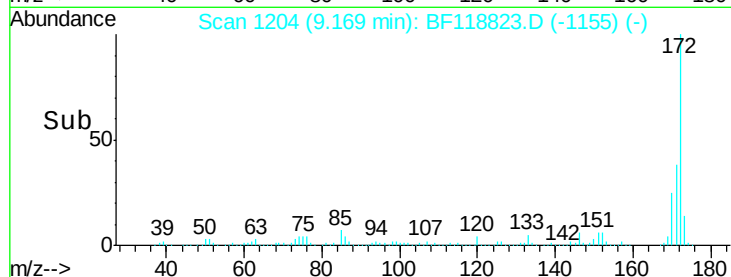
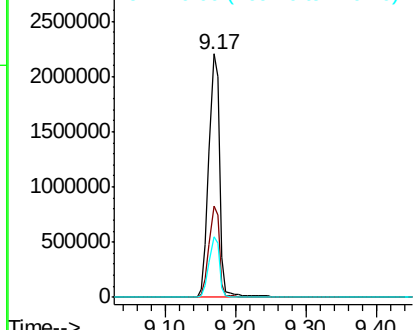
#45
2-Fluorobiphenyl
Concen: 92.456 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118823.D
Acq: 5 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2388223
Ion Ratio Lower Upper
172 100
171 37.6 30.8 46.2
170 24.7 20.5 30.7

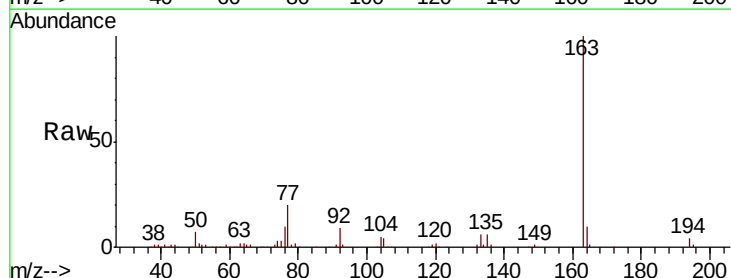


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

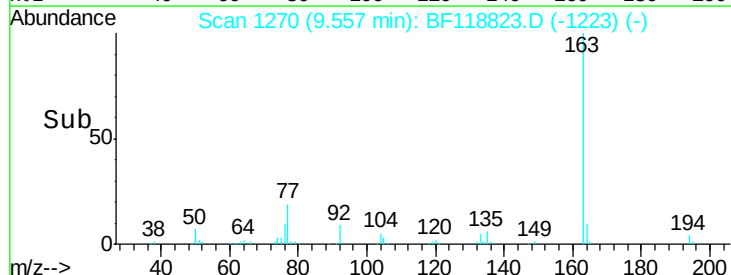
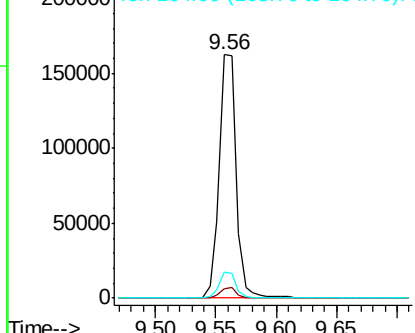


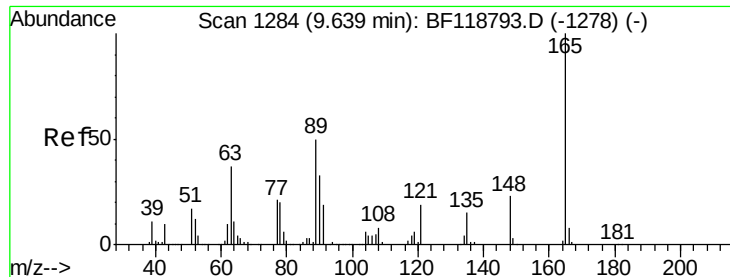
#50
Dimethylphthalate
Concen: 5.013 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF118823.D
Acq: 5 Feb 2020 11:50

Tgt Ion:163 Resp: 157619
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 10.5 8.7 13.1



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

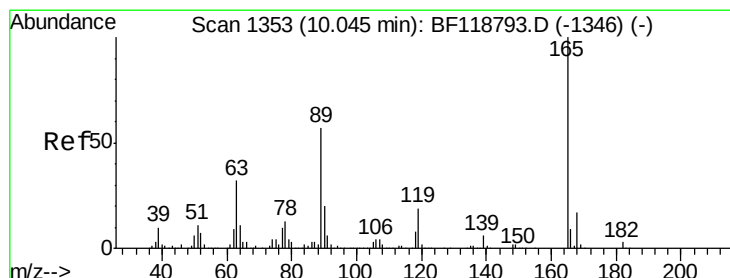
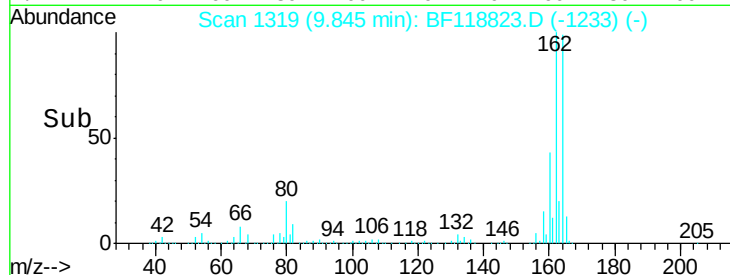
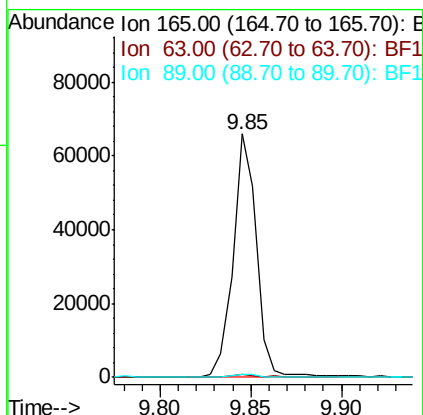
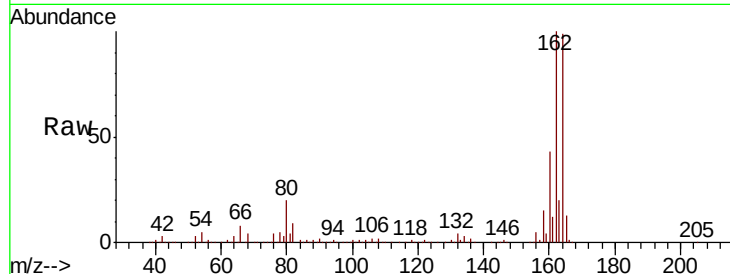




#51
 2,6-Dinitrotoluene
 Concen: 8.236 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF118823.D
 Acq: 5 Feb 2020 11:50

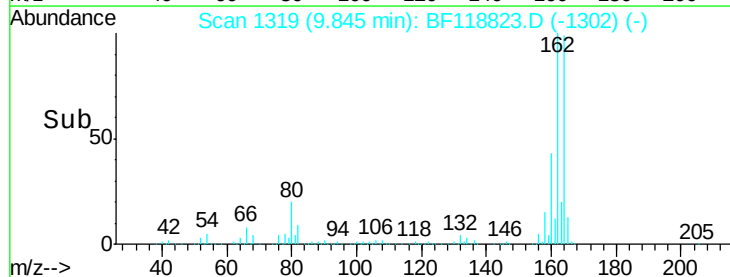
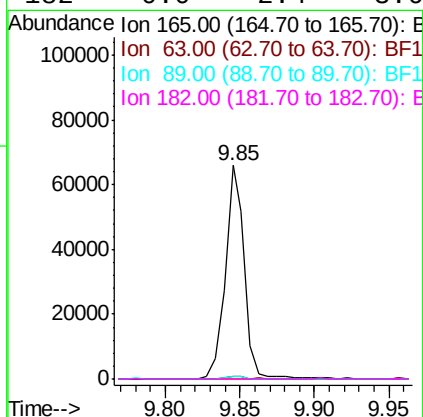
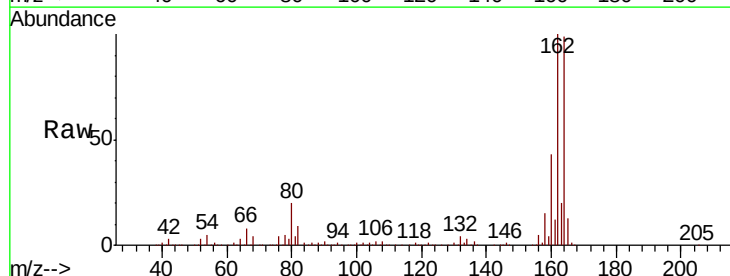
Instrument :
 BNA_F
 ClientSampleId :

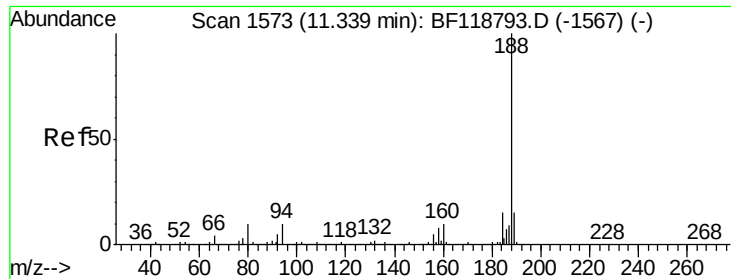
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	37.4	56.0#
89	1.3	39.7	59.5#



#57
 2,4-Dinitrotoluene
 Concen: 6.258 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF118823.D
 Acq: 5 Feb 2020 11:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.5	38.3#
89	1.3	45.4	68.0#
182	0.0	2.4	3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF118823.D

Acq: 5 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

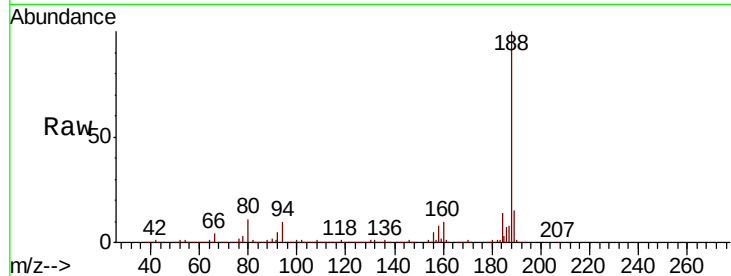
Tot Ion:188 Resp: 908646

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.5 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

1200000

1000000

800000

600000

400000

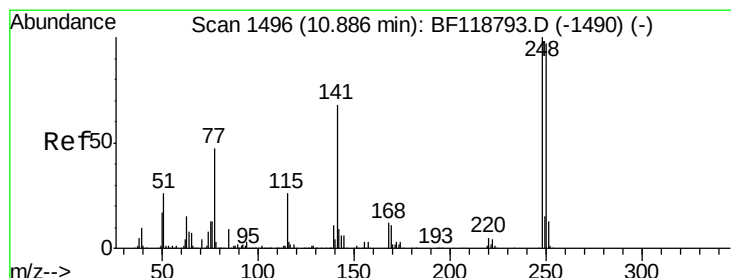
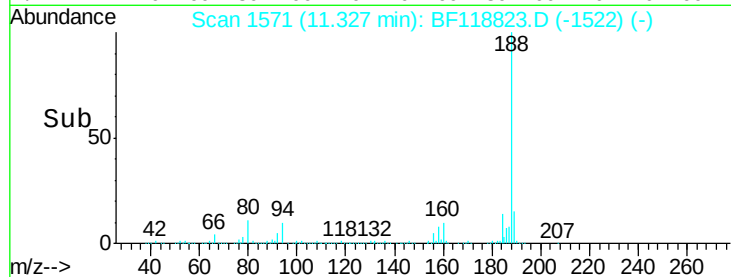
200000

0

11.30

11.35

Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.243 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.25 min

Lab File: BF118823.D

Acq: 5 Feb 2020 11:50

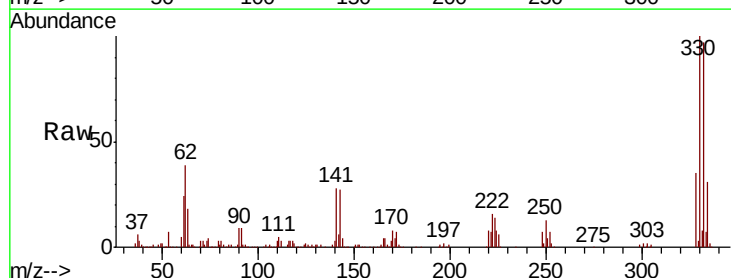
Tgt Ion:248 Resp: 34854

Ion Ratio Lower Upper

248 100

250 200.6 77.6 116.4#

141 426.7 54.4 81.6#



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

200000

150000

100000

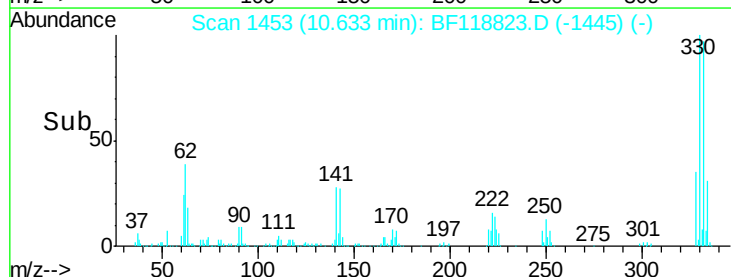
50000

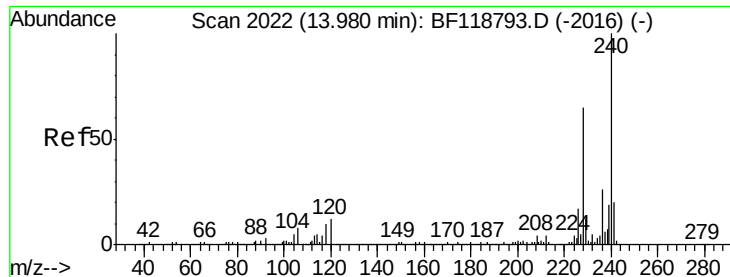
0

10.60

10.65

Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF118823.D

Acq: 5 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

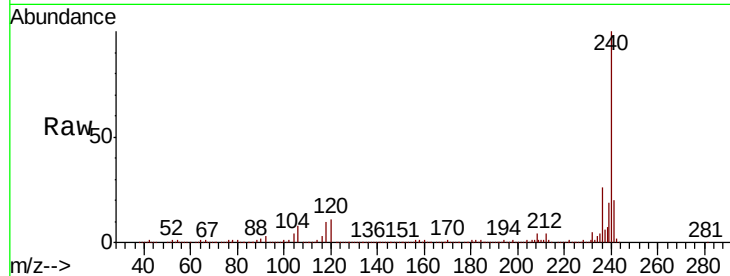
Tot Ion:240 Resp: 882442

Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.0

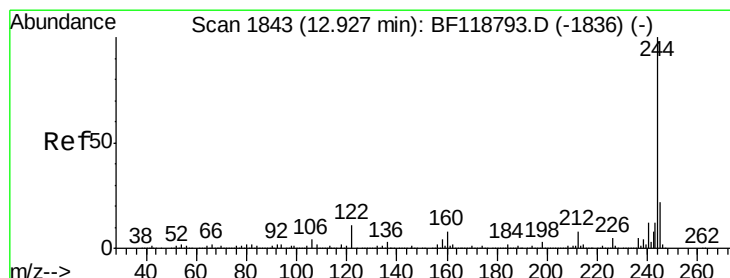
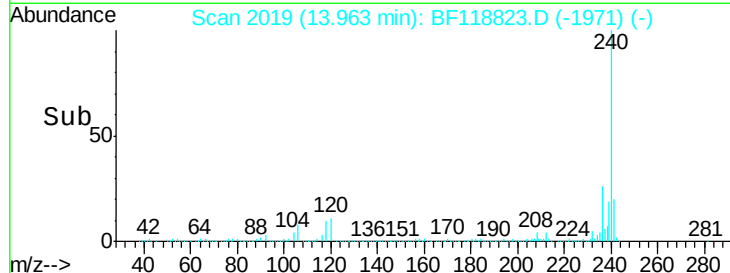
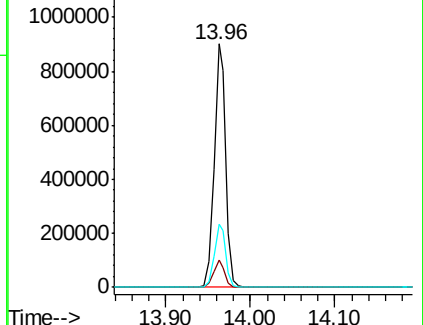
236 25.8 21.0 31.6



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



#79

Terphenyl-d14

Concen: 80.362 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118823.D

Acq: 5 Feb 2020 11:50

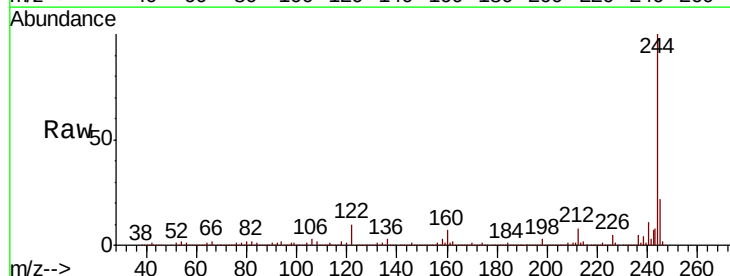
Tgt Ion:244 Resp: 3452450

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

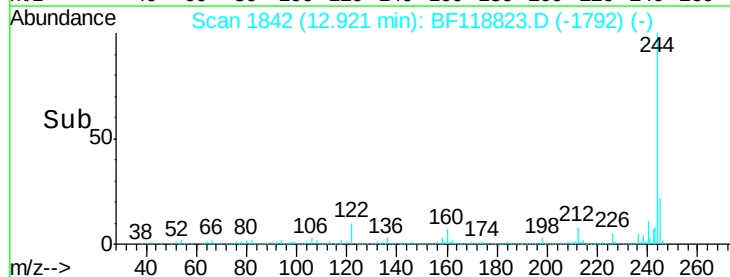
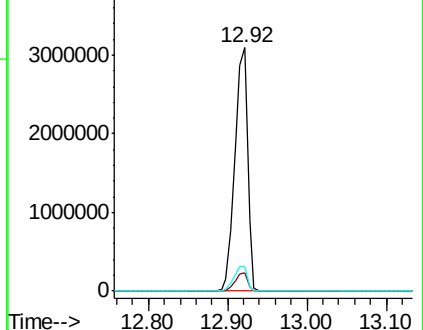
122 10.0 8.9 13.3

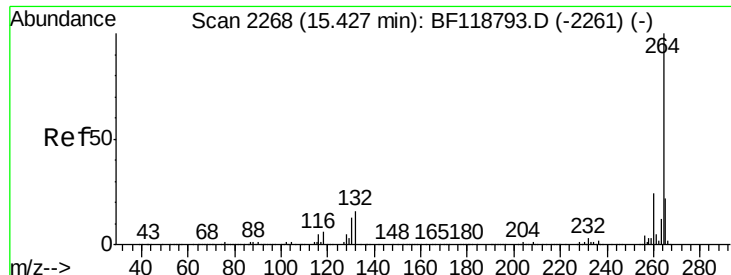


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF118823.D
Acq: 5 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	22.4	17.2	25.8

