

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119863.D
 Acq On : 9 Apr 2020 9:27
 Operator : MA/SJ
 Sample : L2151-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-4

Quant Time: Apr 09 10:33:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 09 01:21:19 2020
 Response via : Initial Calibration

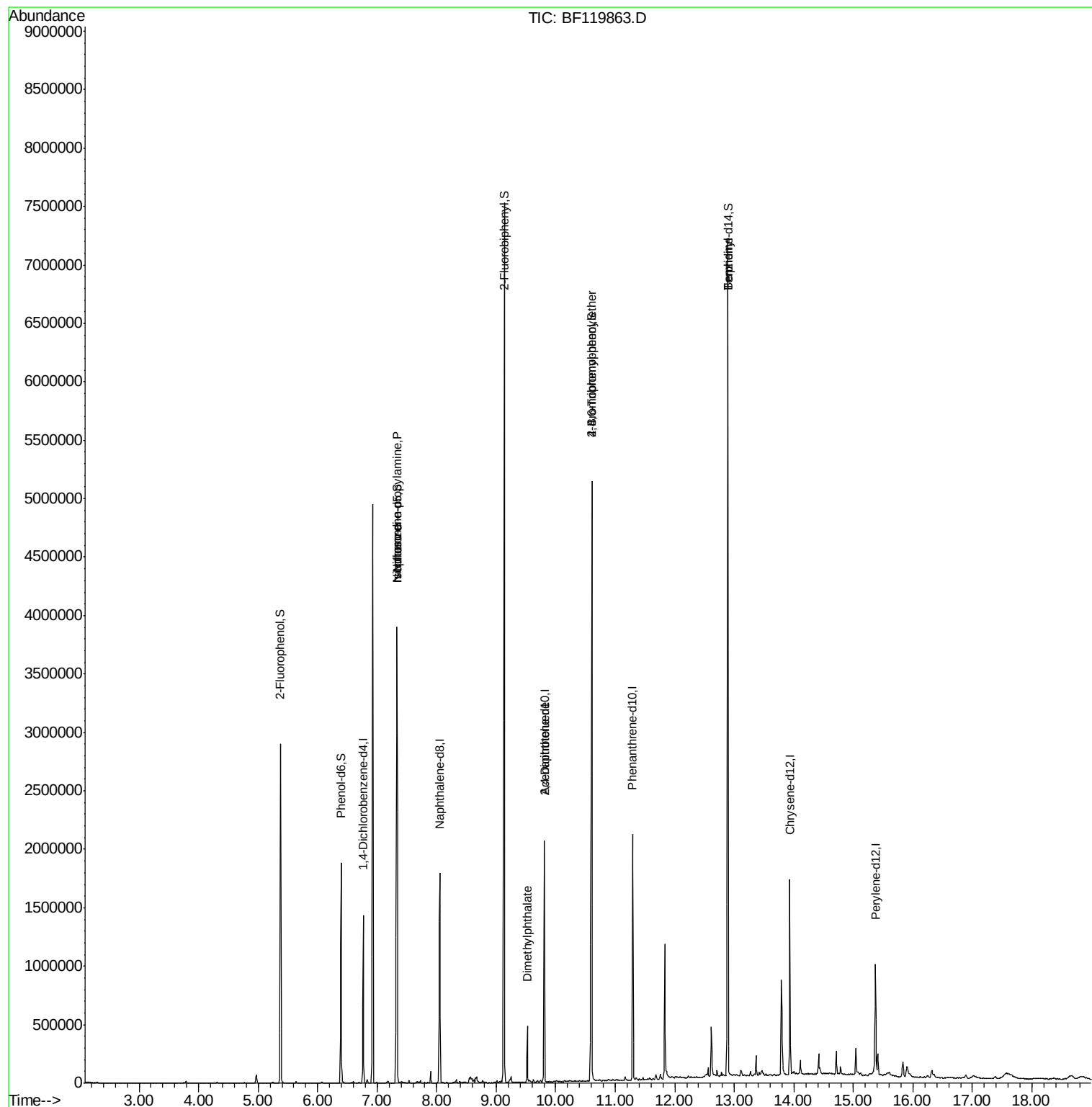
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	199334	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	776088	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	426050	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	795200	20.00	ng	0.00
76) Chrysene-d12	13.93	240	562375	20.00	ng	0.00
87) Perylene-d12	15.37	264	445736	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	766508	66.45	ng	0.00
7) Phenol-d6	6.39	99	580890	39.08	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1489394	99.28	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	701143	134.41	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2731916	91.04	ng	0.00
79) Terphenyl-d14	12.89	244	3157473	94.47	ng	0.00
Target Compounds						
9) Benzaldehyde	6.32	77	261	Below Cal		Qvalue # 49
19) n-Nitroso-di-n-propylamine	7.33	70	197705	20.686	ng	# 78
25) Isophorone	7.33	82	1478582	51.129	ng	# 65
50) Dimethylphthalate	9.52	163	165616	5.026	ng	# 98
57) 2,4-Dinitrotoluene	9.81	165	53403	5.617	ng	# 23
67) 4-Bromophenyl-phenylether	10.60	248	42759	4.324	ng	# 1
77) Benizidine	12.89	184	39929	2.100	ng	# 93

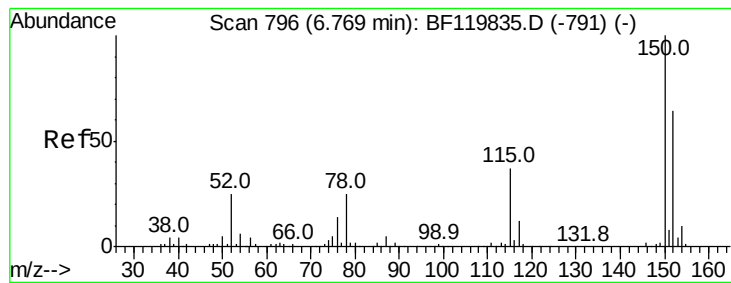
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119863.D
Acq On : 9 Apr 2020 9:27
Operator : MA/SJ
Sample : L2151-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-4

Quant Time: Apr 09 10:33:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 09 01:21:19 2020
Response via : Initial Calibration



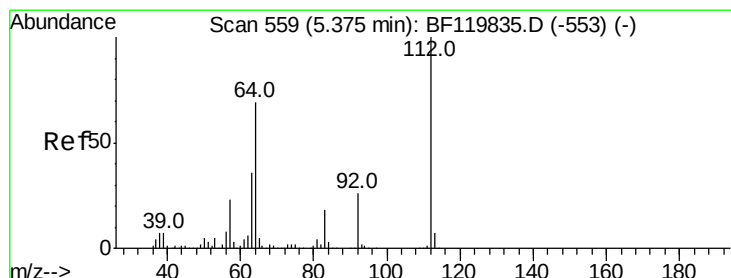
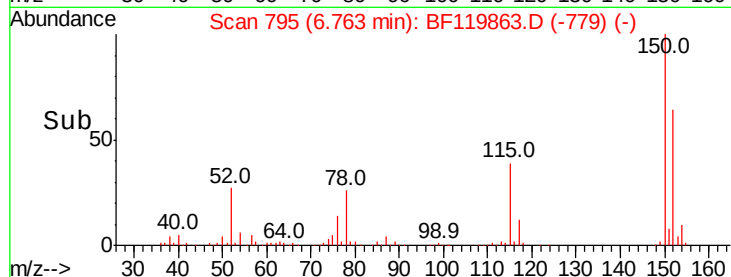
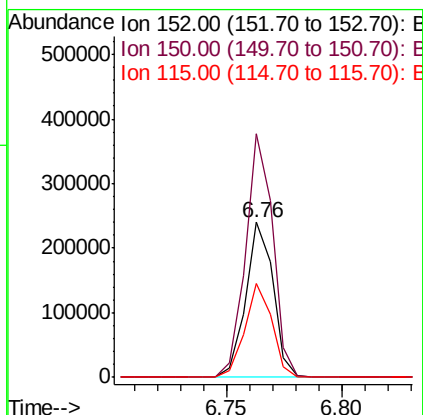
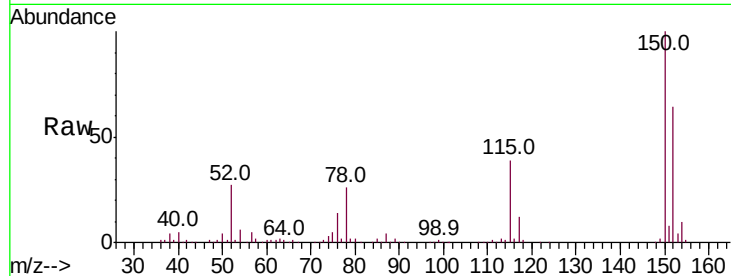


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF119863.D
 Acq: 9 Apr 2020 9:27

Instrument :
 BNA_F
 ClientSampleId :
 MH-4

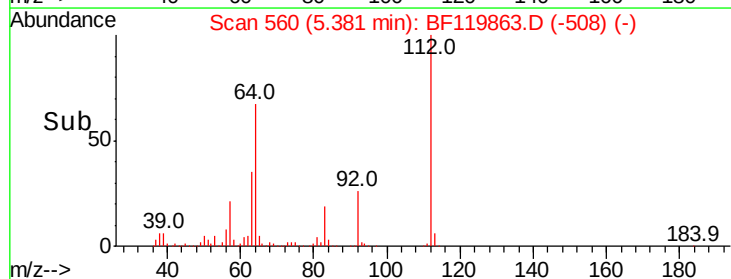
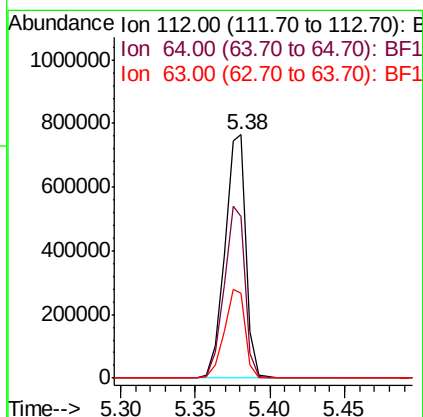
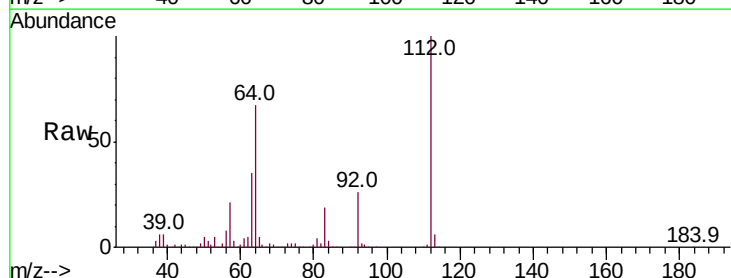
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.8	187.2
115	60.6	46.5	69.7

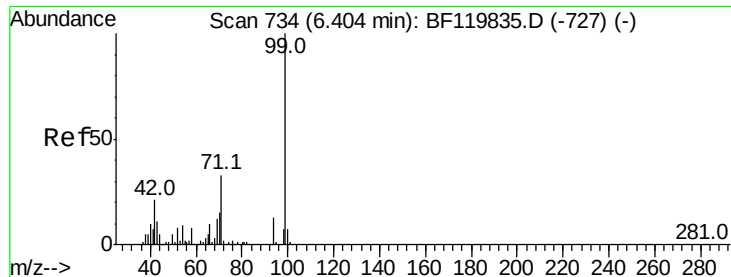


#5

2-Fluorophenol
 Concen: 66.455 ng
 RT: 5.38 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: BF119863.D
 Acq: 9 Apr 2020 9:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	55.5	83.3
63	35.0	29.1	43.7





#7

Phenol-d6

Concen: 39.084 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119863.D

Acq: 9 Apr 2020 9:27

Instrument :

BNA_F

ClientSampleId :

MH-4

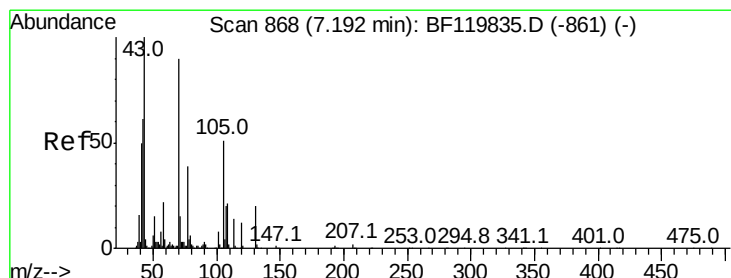
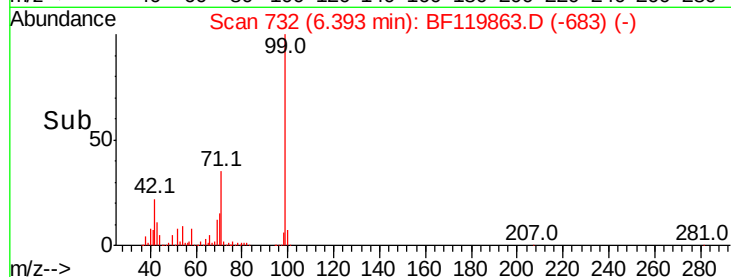
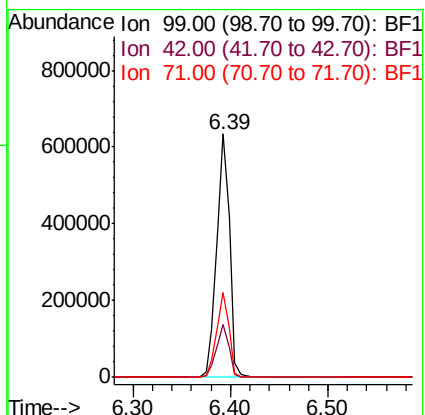
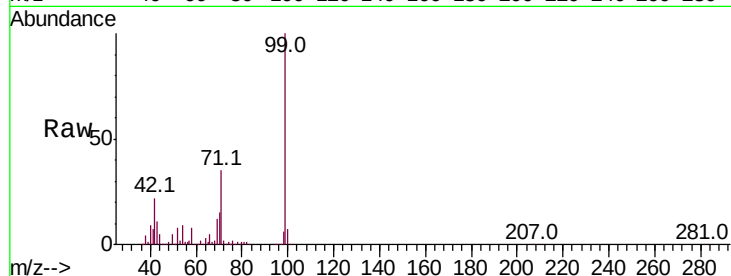
Tot Ion: 99 Resp: 580890

Ion Ratio Lower Upper

99 100

42 21.8 16.9 25.3

71 34.6 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 20.686 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.14 min

Lab File: BF119863.D

Acq: 9 Apr 2020 9:27

Tgt Ion: 70 Resp: 197705

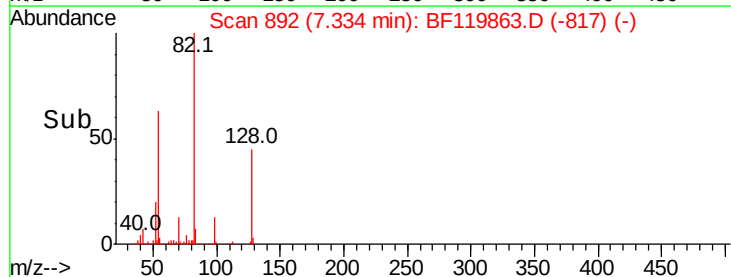
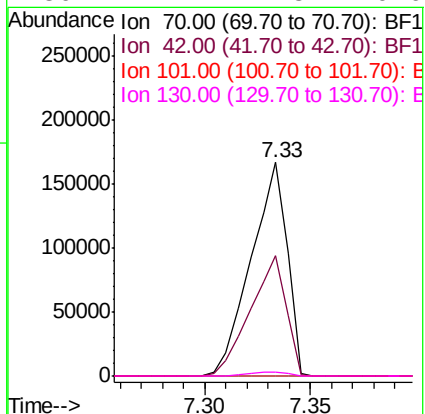
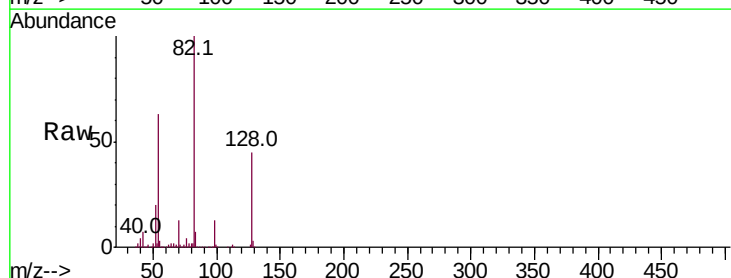
Ion Ratio Lower Upper

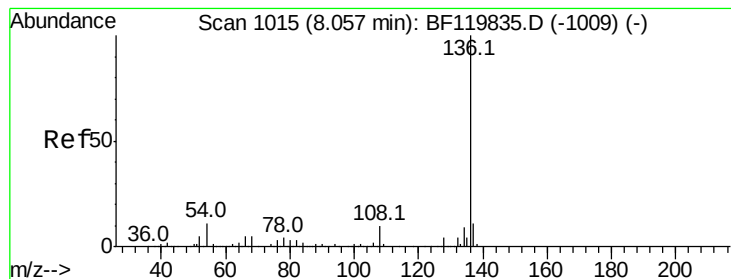
70 100

42 56.3 54.2 81.4

101 0.0 7.4 11.2#

130 2.1 17.8 26.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF119863.D

Acq: 9 Apr 2020 9:27

Instrument :

BNA_F

ClientSampleId :

MH-4

Tot Ion:136 Resp: 776088

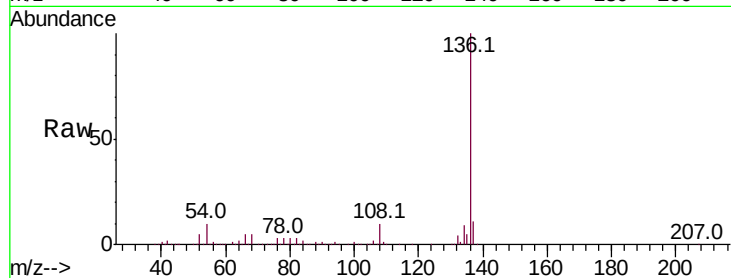
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.3 8.5 12.7

68 4.9 3.9 5.9

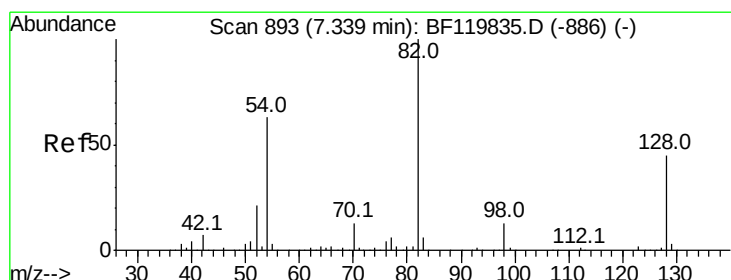
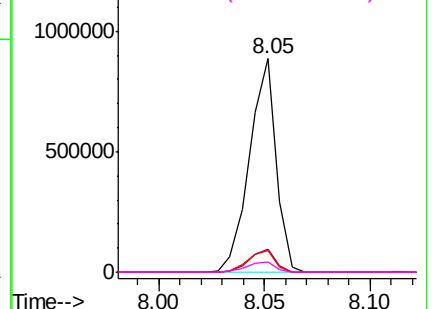
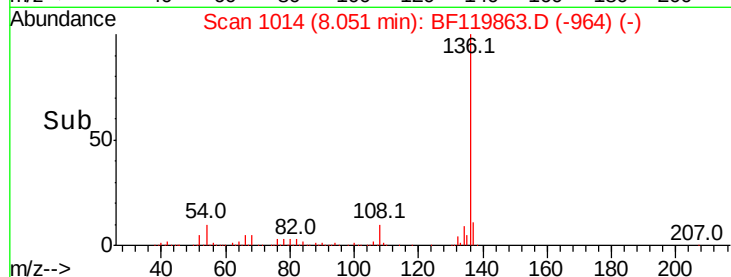


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.282 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF119863.D

Acq: 9 Apr 2020 9:27

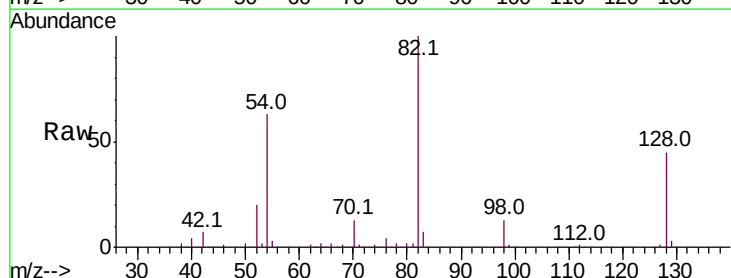
Tgt Ion: 82 Resp: 1489394

Ion Ratio Lower Upper

82 100

128 45.2 36.2 54.4

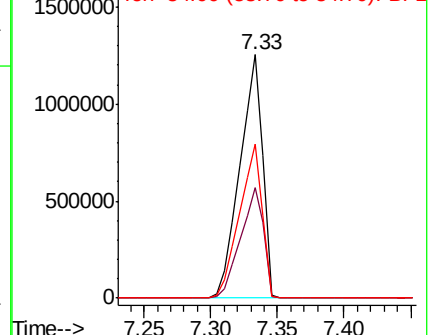
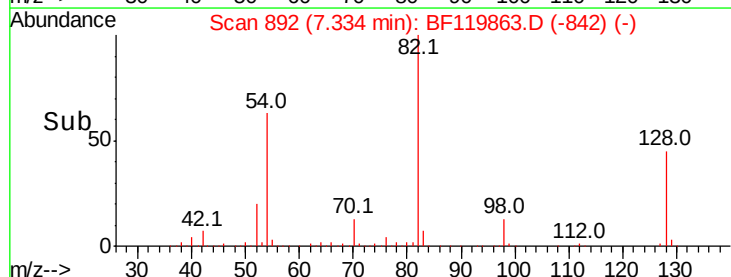
54 63.1 50.4 75.6

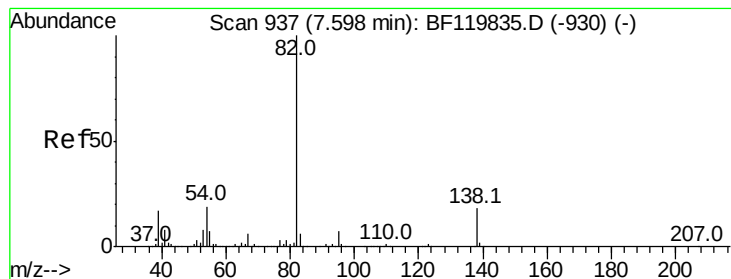


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.129 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF119863.D

Acq: 9 Apr 2020 9:27

Instrument :

BNA_F

ClientSampleId :

MH-4

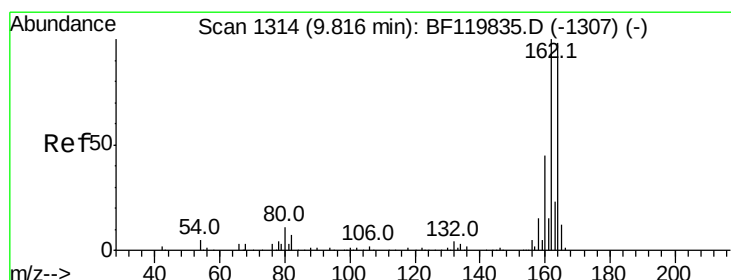
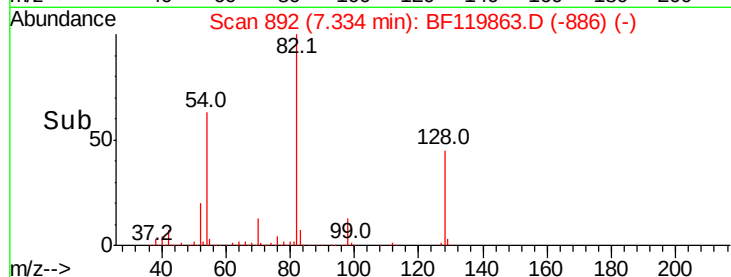
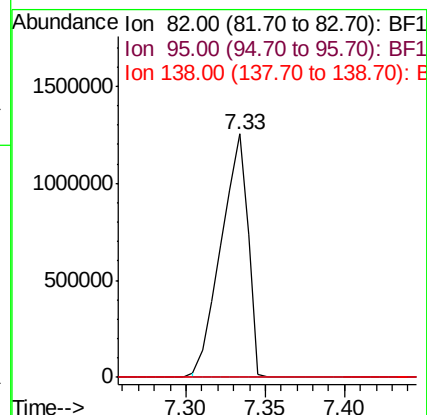
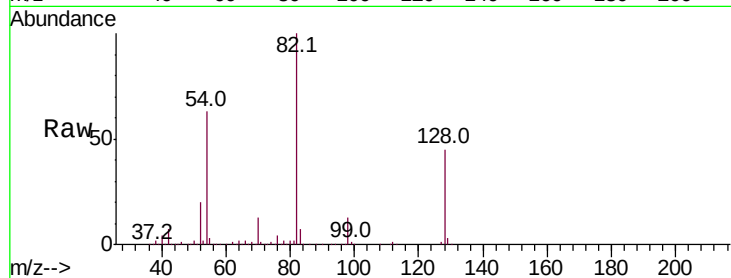
Tot Ion: 82 Resp: 1478582

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF119863.D

Acq: 9 Apr 2020 9:27

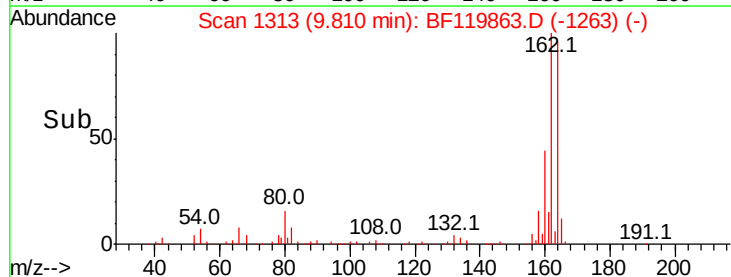
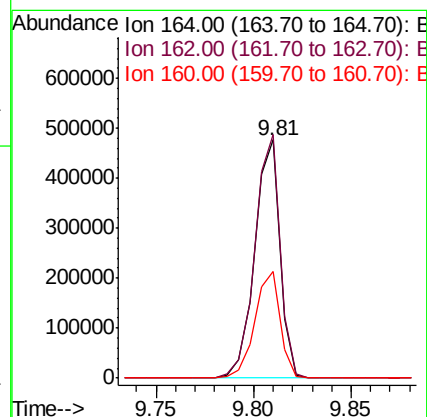
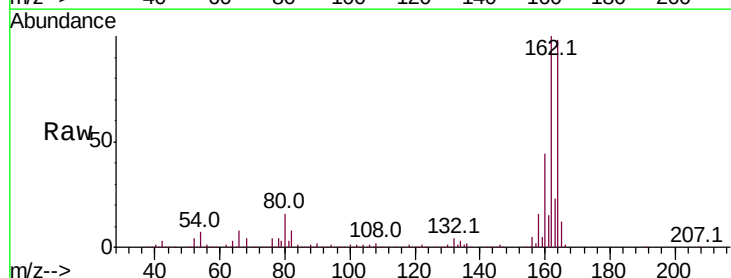
Tgt Ion:164 Resp: 426050

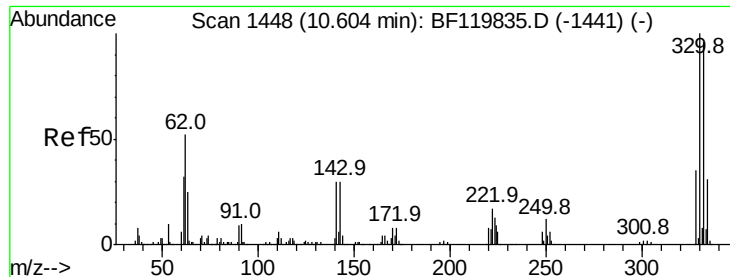
Ion Ratio Lower Upper

164 100

162 102.2 81.9 122.9

160 44.7 36.6 54.8

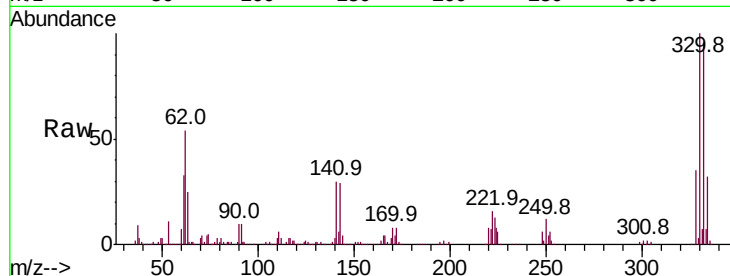




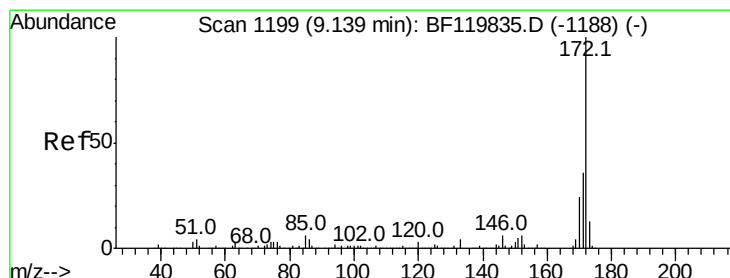
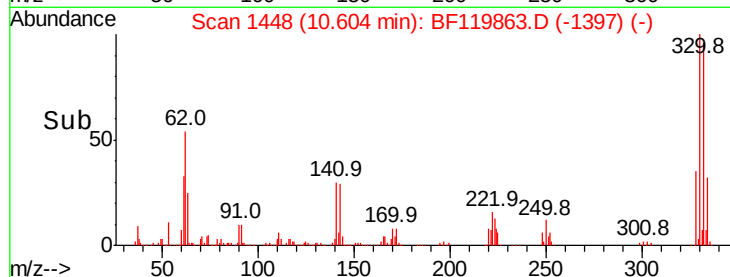
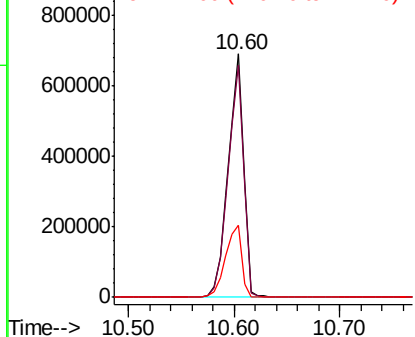
#42
 2,4,6-Tribromophenol
 Concen: 134.414 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF119863.D
 Acq: 9 Apr 2020 9:27

Instrument :
 BNA_F
 ClientSampled :
 MH-4

Tot Ion:330 Resp: 701143
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.8 115.2
 141 31.2 25.1 37.7

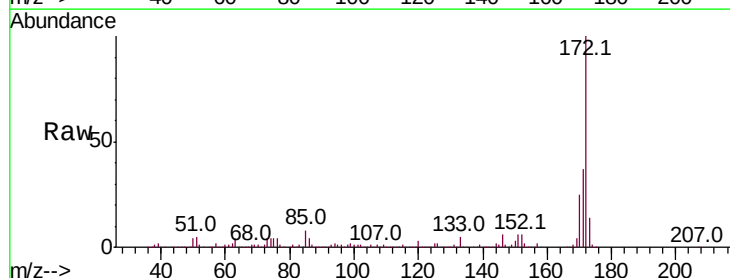


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

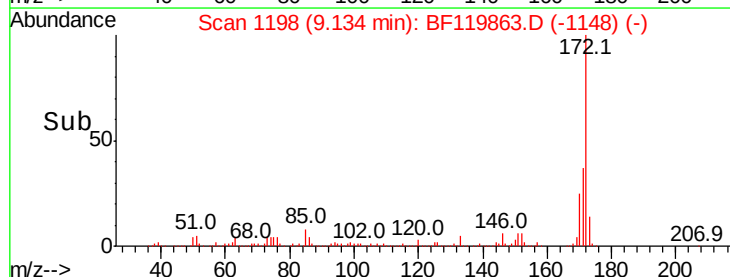
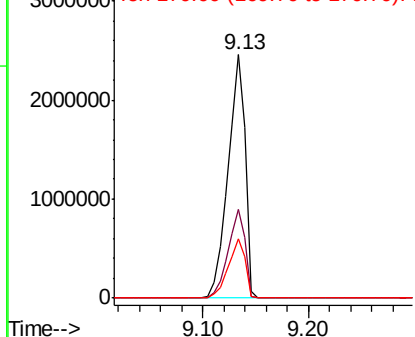


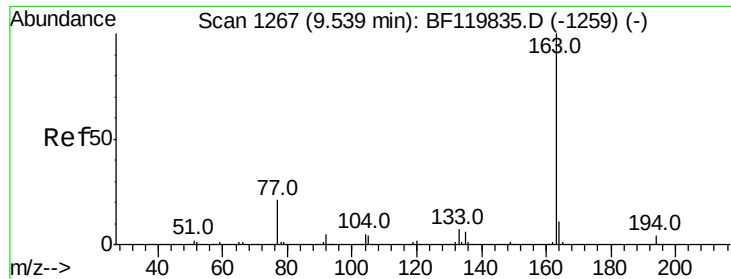
#45
 2-Fluorobiphenyl
 Concen: 91.039 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF119863.D
 Acq: 9 Apr 2020 9:27

Tgt Ion:172 Resp: 2731916
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 24.6 19.4 29.2



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: 5.026 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF119863.D

Acq: 9 Apr 2020 9:27

Instrument :

BNA_F

ClientSampleId :

MH-4

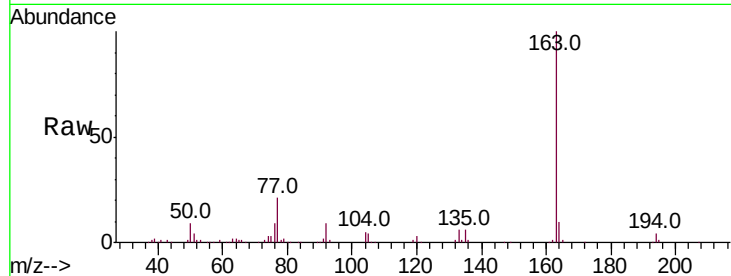
Tot Ion:163 Resp: 165616

Ion Ratio Lower Upper

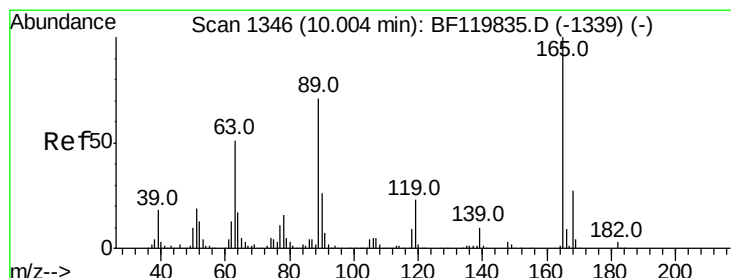
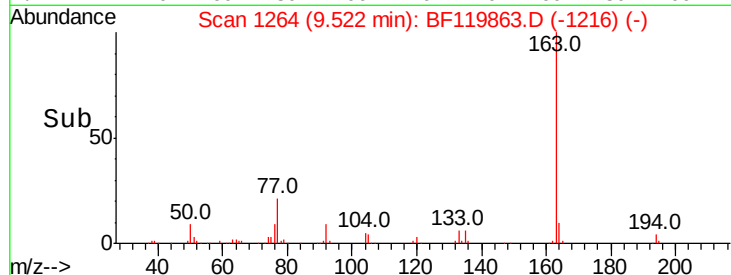
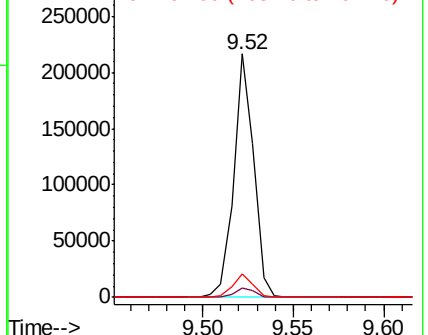
163 100

194 3.7 3.0 4.4

164 9.7 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 5.617 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.19 min

Lab File: BF119863.D

Acq: 9 Apr 2020 9:27

Tgt Ion:165 Resp: 53403

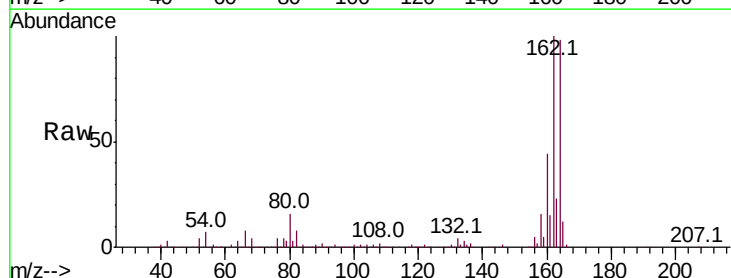
Ion Ratio Lower Upper

165 100

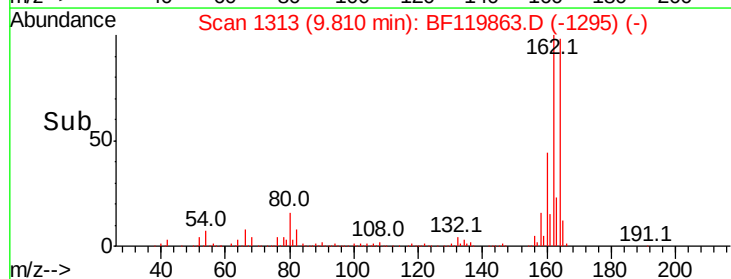
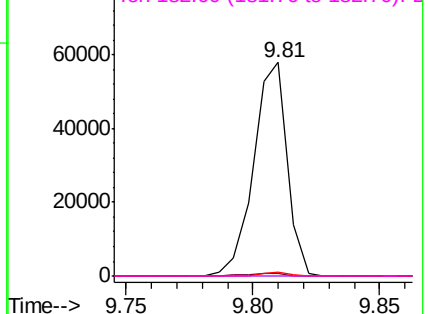
63 1.4 40.8 61.2#

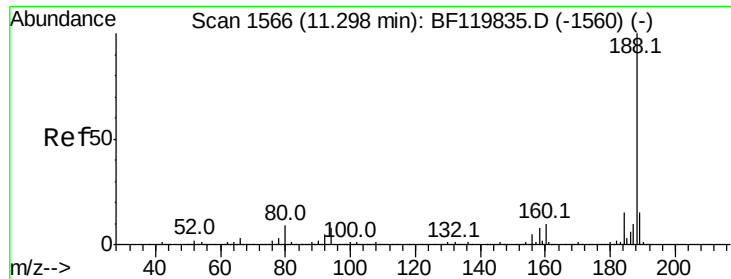
89 1.5 56.9 85.3#

182 0.0 2.0 3.0#



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

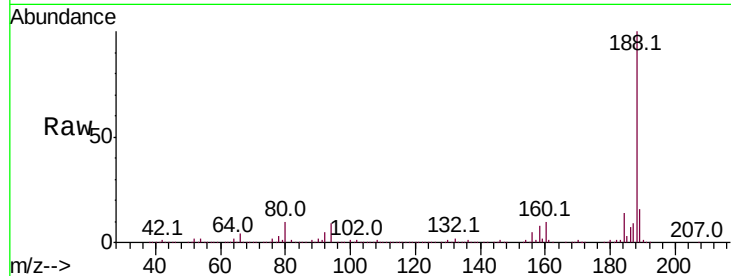




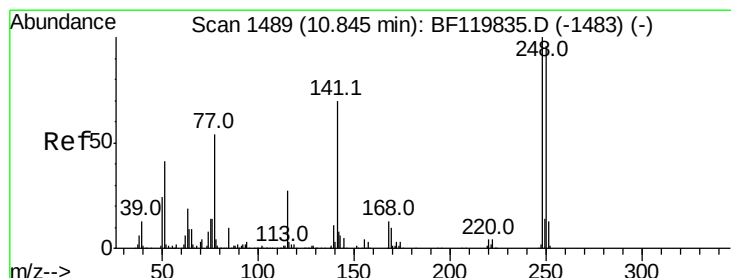
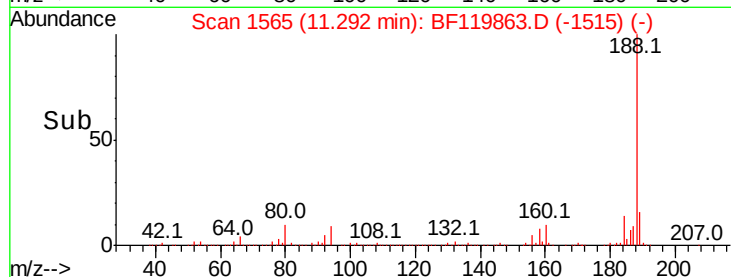
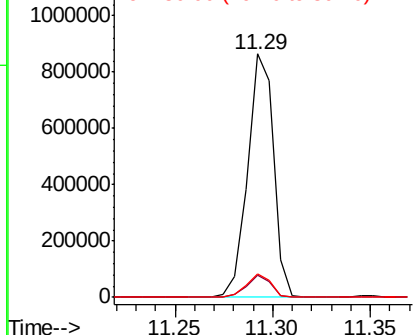
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF119863.D
Acq: 9 Apr 2020 9:27

Instrument :
BNA_F
ClientSampleId :
MH-4

Tot Ion:188 Resp: 795200
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 9.9 7.4 11.2

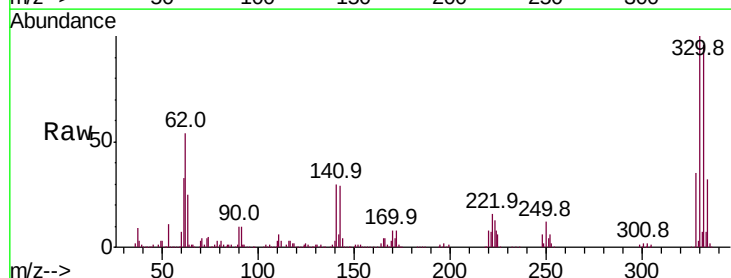


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

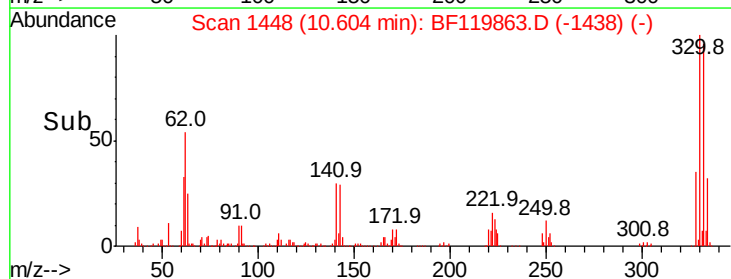
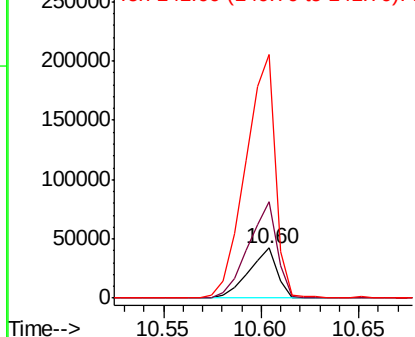


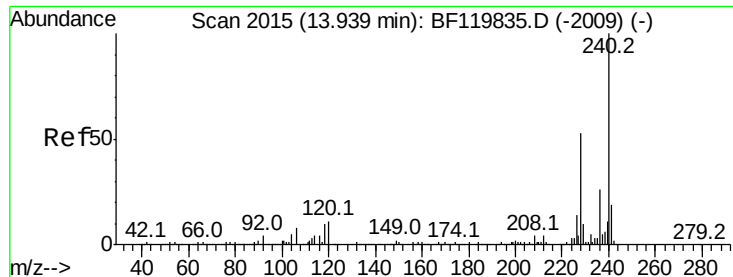
#67
4-Bromophenyl-phenylether
Concen: 4.324 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.24 min
Lab File: BF119863.D
Acq: 9 Apr 2020 9:27

Tgt Ion:248 Resp: 42759
Ion Ratio Lower Upper
248 100
250 193.0 76.6 114.8#
141 489.0 55.9 83.9#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF119863.D

Acq: 9 Apr 2020 9:27

Instrument :

BNA_F

ClientSampleId :

MH-4

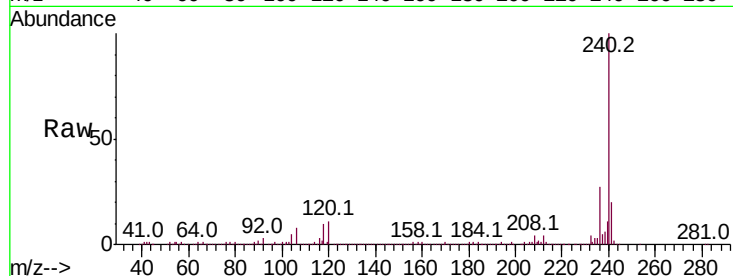
Tot Ion:240 Resp: 562375

Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.6

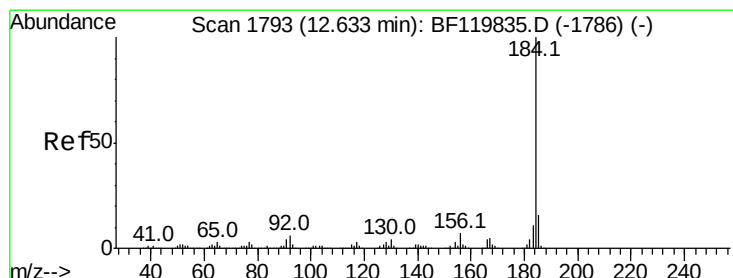
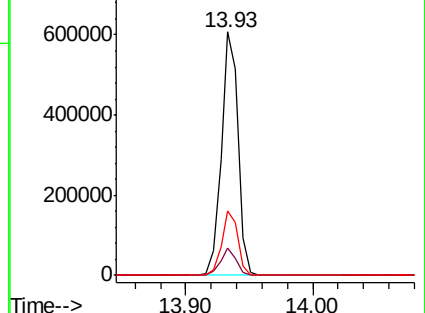
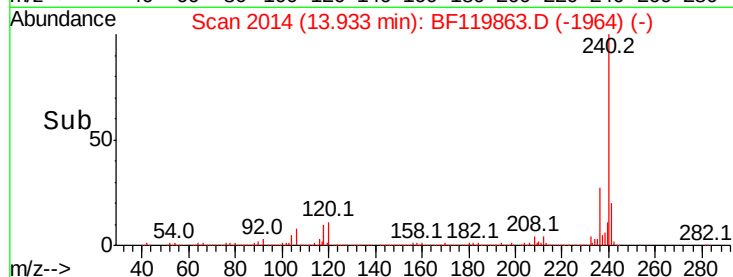
236 26.6 20.7 31.1



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



#77

Benzidine

Concen: 2.100 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.26 min

Lab File: BF119863.D

Acq: 9 Apr 2020 9:27

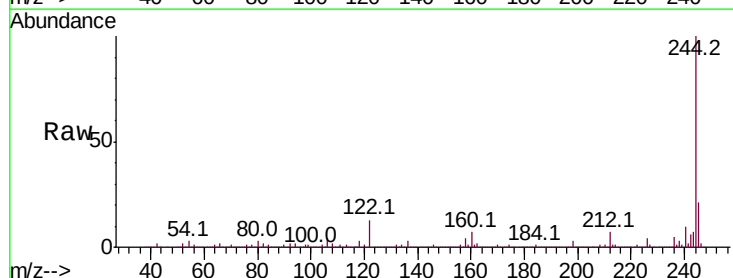
Tgt Ion:184 Resp: 39929

Ion Ratio Lower Upper

184 100

185 17.7 13.2 19.8

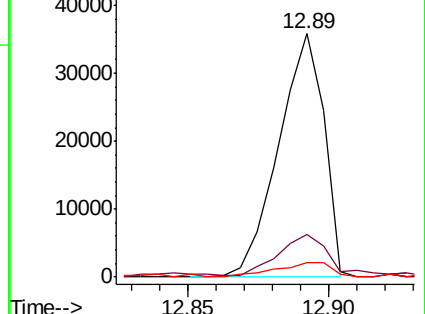
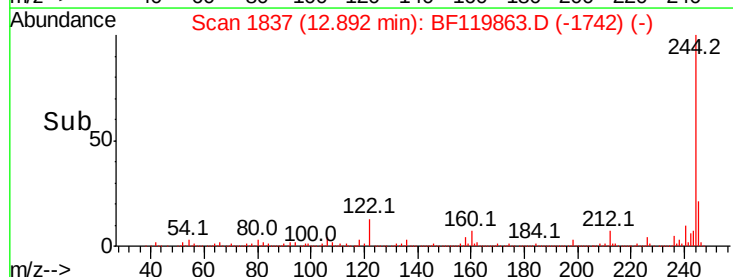
183 6.1 9.1 13.7#

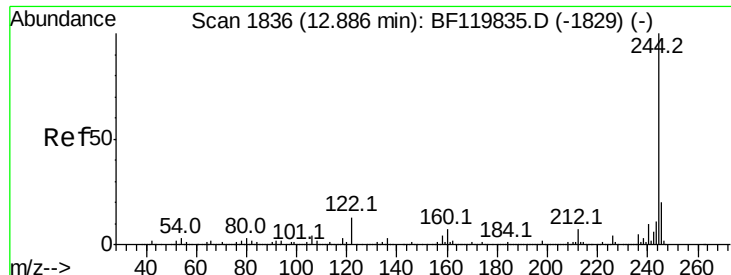


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 94.473 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119863.D

Acq: 9 Apr 2020 9:27

Instrument :

BNA_F

ClientSampleId :

MH-4

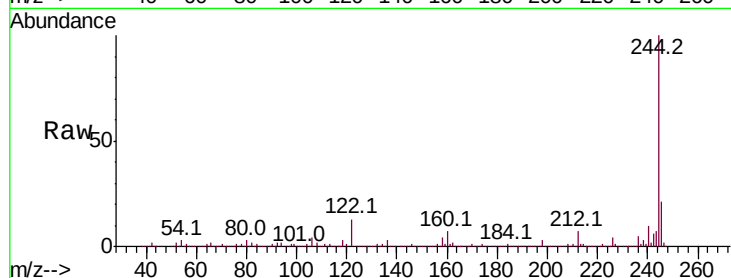
Tot Ion:244 Resp: 3157473

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

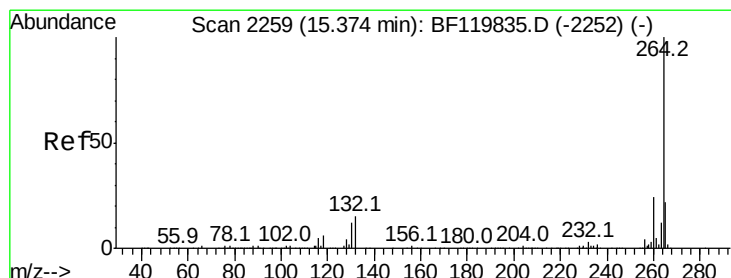
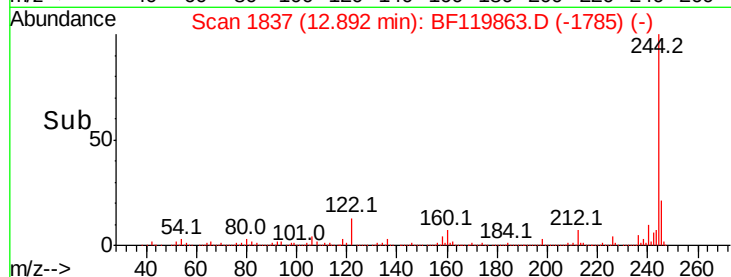
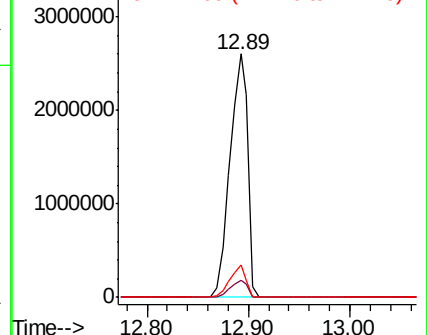
122 13.4 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.37 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BF119863.D

Acq: 9 Apr 2020 9:27

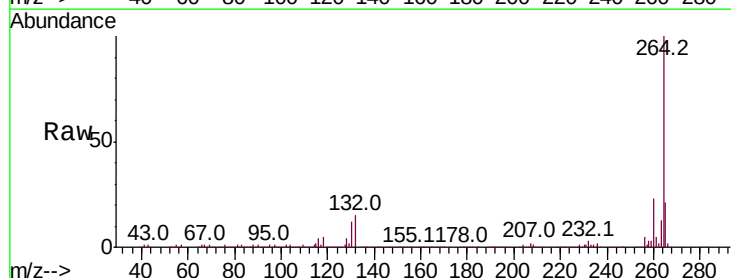
Tgt Ion:264 Resp: 445736

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 20.6 17.6 26.4



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

