

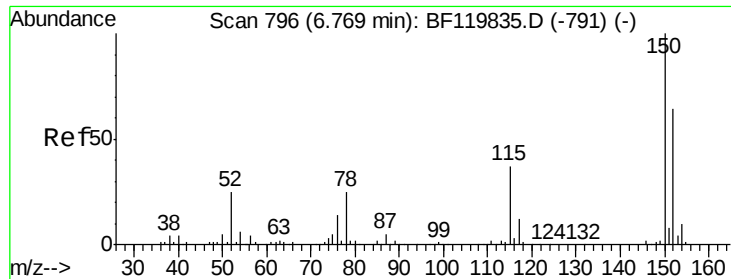
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119859.D
 Acq On : 9 Apr 2020 7:38
 Operator : MA/SJ
 Sample : L2151-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 08:10:29 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	179915	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	705624	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	393018	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	787302	20.00	ng	0.00
76) Chrysene-d12	13.93	240	555110	20.00	ng	0.00
87) Perylene-d12	15.37	264	457147	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	756258	72.64	ng	0.00
7) Phenol-d6	6.39	99	563302	41.99	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1511946	110.85	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	746207	155.08	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2732388	98.71	ng	0.00
79) Terphenyl-d14	12.89	244	3413563	103.47	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	735	Below Cal	Qvalue	# 1
15) Benzyl Alcohol	6.92	79	21480	2.062 ng	#	56
19) n-Nitroso-di-n-propylamine	7.33	70	200198	23.208 ng	#	77
25) Isophorone	7.33	82	1500149	57.055 ng	#	65
50) Dimethylphthalate	9.52	163	196812	6.474 ng		98
57) 2,4-Dinitrotoluene	9.81	165	49137	5.602 ng	#	22
67) 4-Bromophenyl-phenylether	10.60	248	44773	4.573 ng	#	1
77) Benzydine	12.89	184	42558	2.268 ng	#	95

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

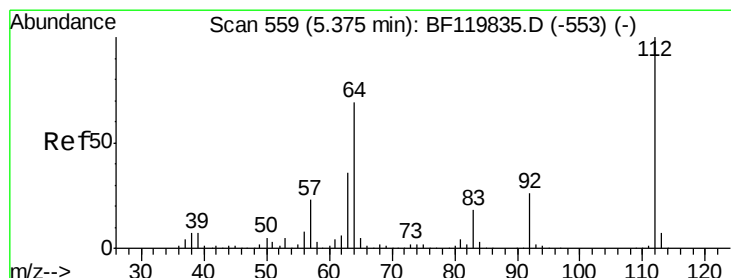
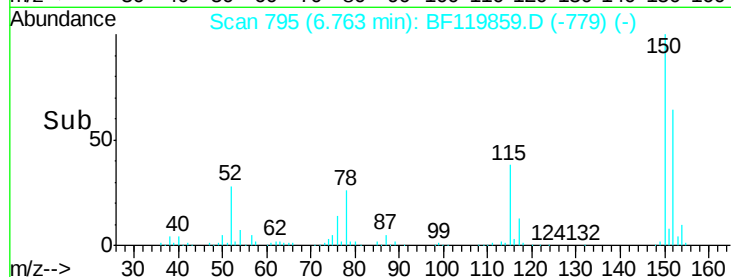
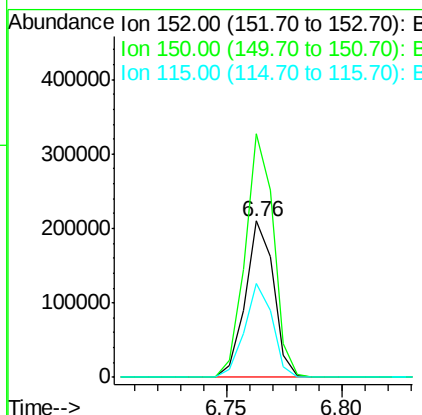
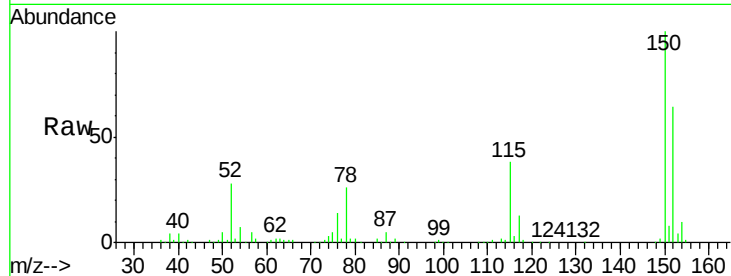


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF119859.D
Acq: 9 Apr 2020 7:38

Instrument :
BNA_F
ClientSampleId :

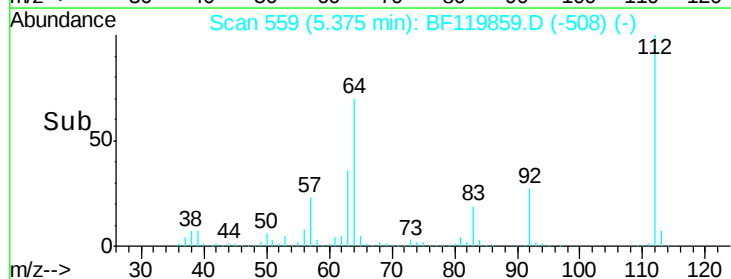
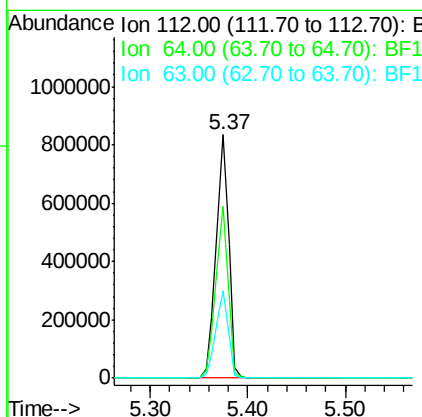
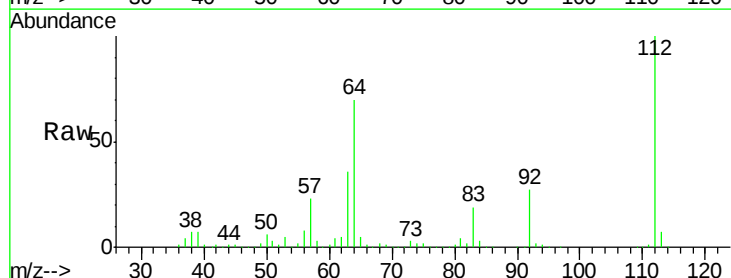
Tot Ion:152 Resp: 179915
Ion Ratio Lower Upper
152 100
150 155.6 124.8 187.2
115 59.7 46.5 69.7

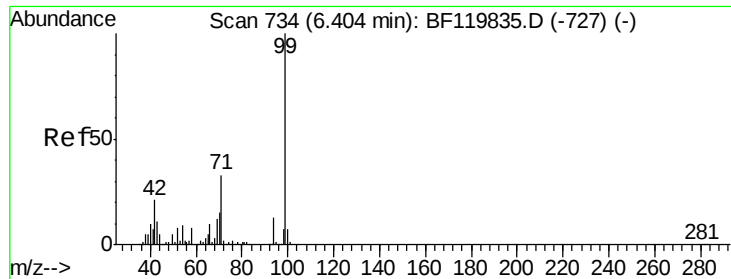


#5

2-Fluorophenol
Concen: 72.643 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF119859.D
Acq: 9 Apr 2020 7:38

Tgt Ion:112 Resp: 756258
Ion Ratio Lower Upper
112 100
64 70.4 55.5 83.3
63 36.1 29.1 43.7





#7

Phenol-d6

Concen: 41.992 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119859.D

Acq: 9 Apr 2020 7:38

Instrument :

BNA_F

ClientSampled :

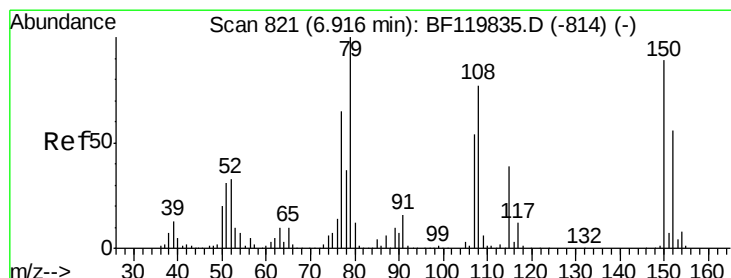
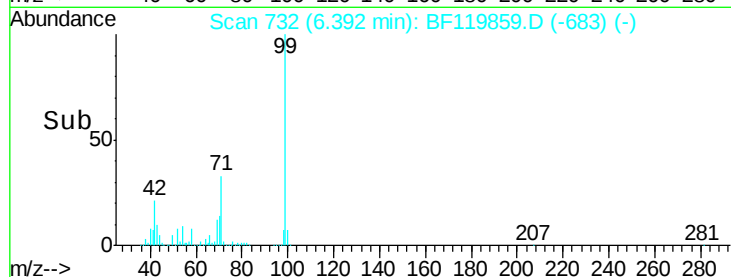
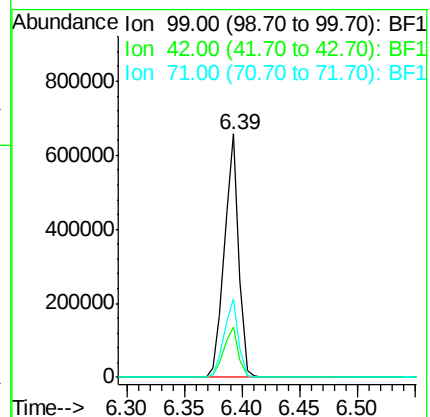
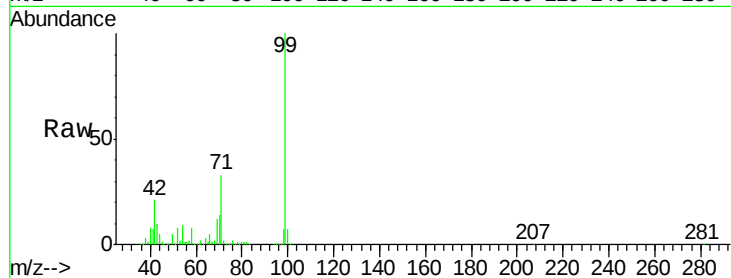
Tot Ion: 99 Resp: 563302

Ion Ratio Lower Upper

99 100

42 20.7 16.9 25.3

71 32.5 26.3 39.5



#15

Benzyl Alcohol

Concen: 2.062 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF119859.D

Acq: 9 Apr 2020 7:38

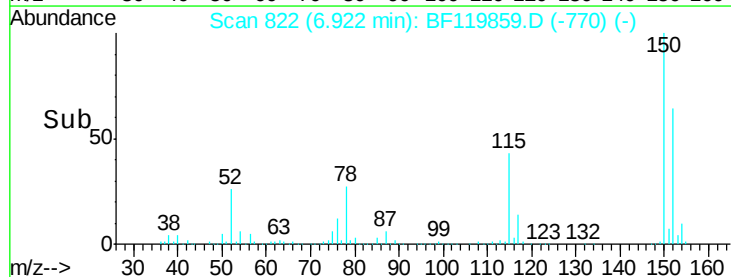
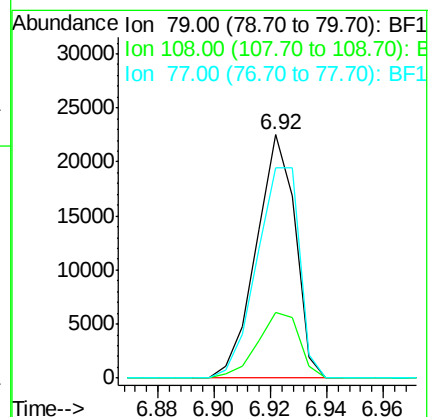
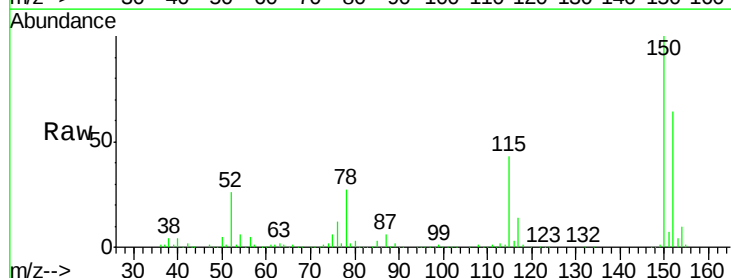
Tgt Ion: 79 Resp: 21480

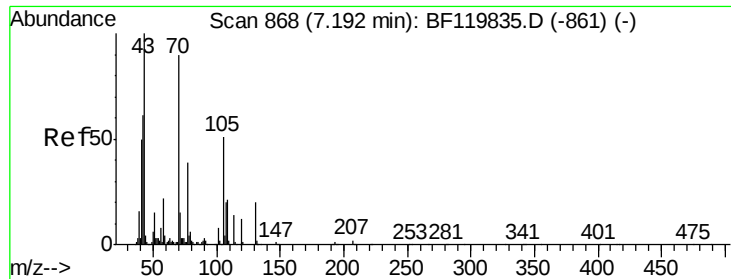
Ion Ratio Lower Upper

79 100

108 27.2 62.0 93.0#

77 86.3 51.8 77.6#

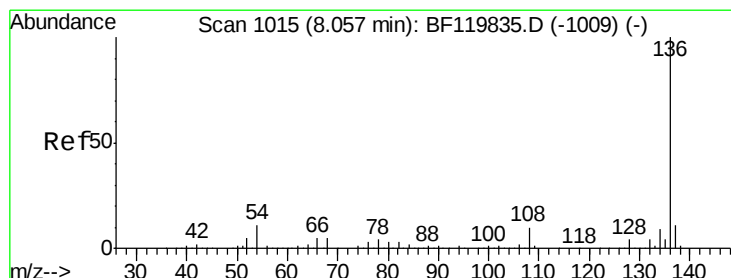
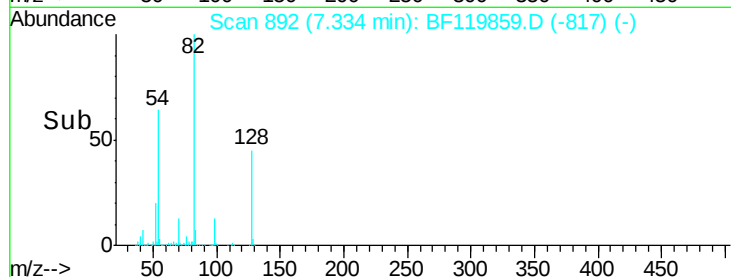
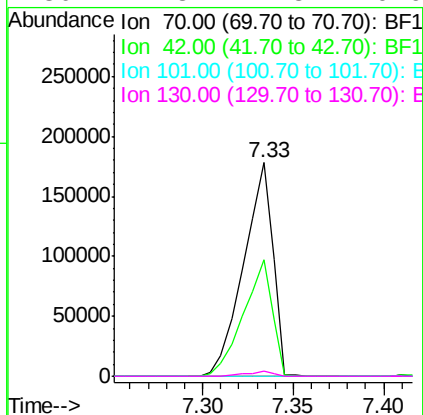
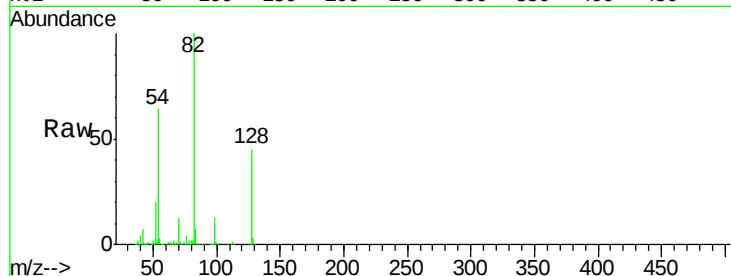




#19
n-Nitroso-di-n-propylamine
Concen: 23.208 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.14 min
Lab File: BF119859.D
Acq: 9 Apr 2020 7:38

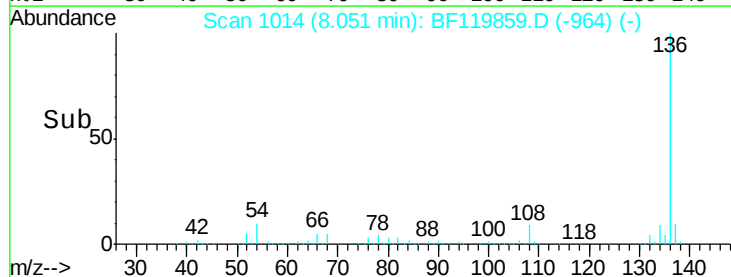
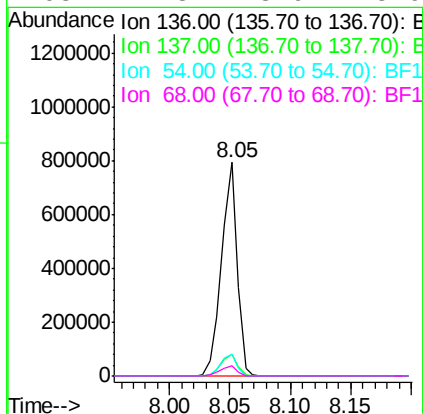
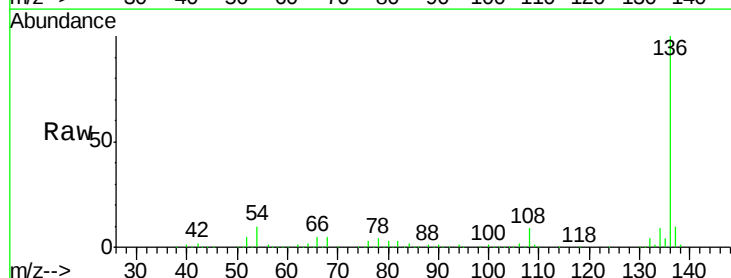
Instrument :
BNA_F
ClientSampleId :

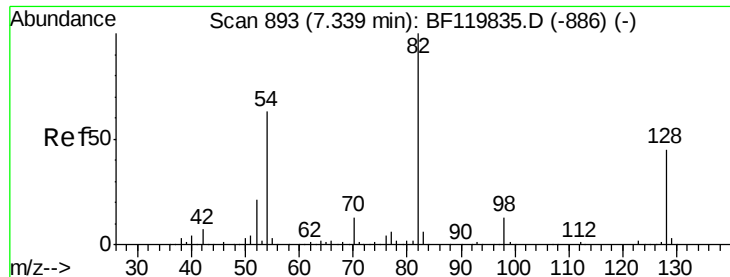
Tot Ion:	70	Resp:	200198
Ion	Ratio	Lower	Upper
70	100		
42	54.8	54.2	81.4
101	0.0	7.4	11.2#
130	2.3	17.8	26.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF119859.D
Acq: 9 Apr 2020 7:38

Tgt Ion:	136	Resp:	705624
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	10.0	8.5	12.7
68	4.8	3.9	5.9

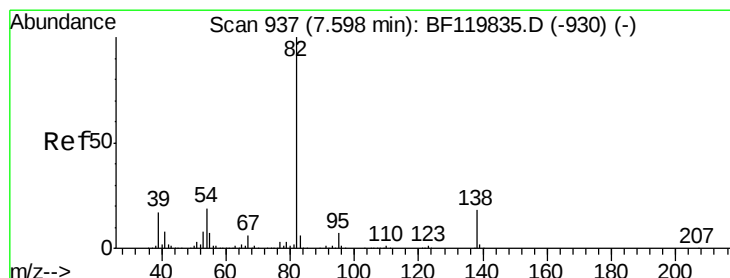
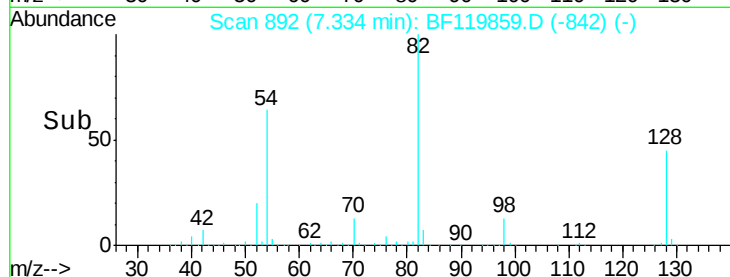
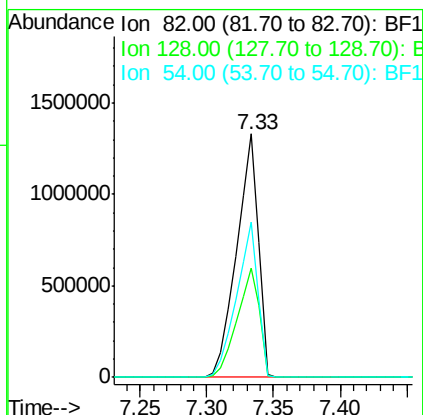
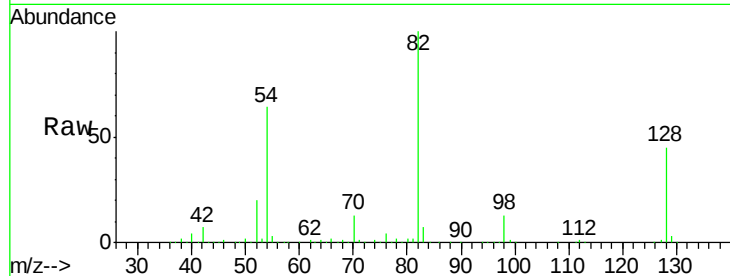




#23
Nitrobenzene-d5
Concen: 110.850 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF119859.D
Acq: 9 Apr 2020 7:38

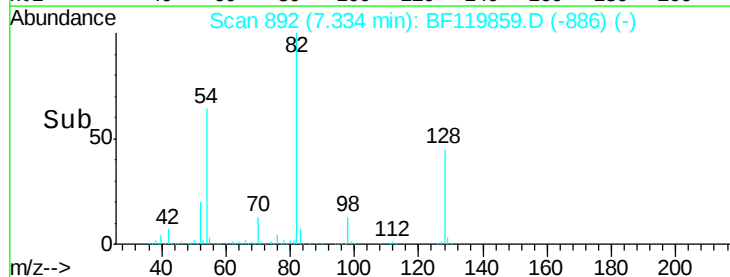
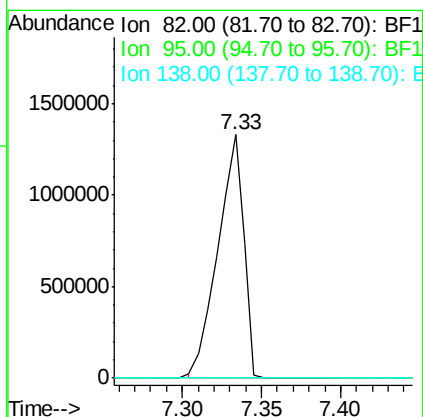
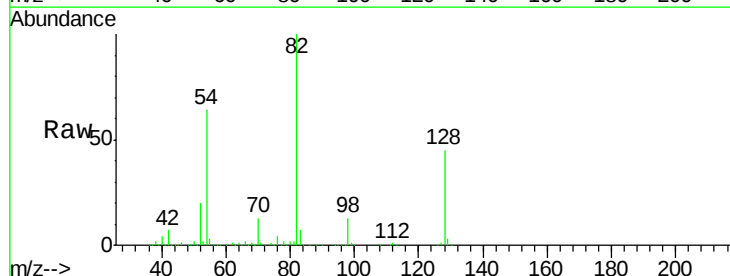
Instrument :
BNA_F
ClientSampleId :

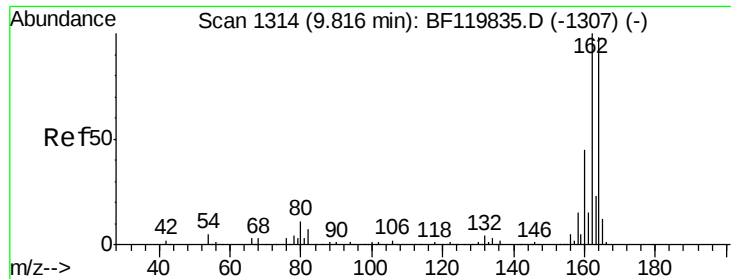
Tot Ion: 82 Resp: 1511946
Ion Ratio Lower Upper
82 100
128 44.9 36.2 54.4
54 63.8 50.4 75.6



#25
Isophorone
Concen: 57.055 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.26 min
Lab File: BF119859.D
Acq: 9 Apr 2020 7:38

Tgt Ion: 82 Resp: 1500149
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.5 21.7#

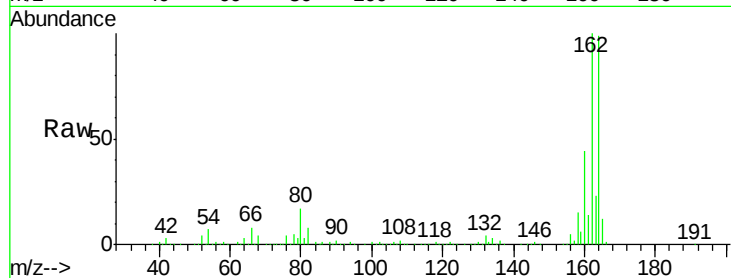




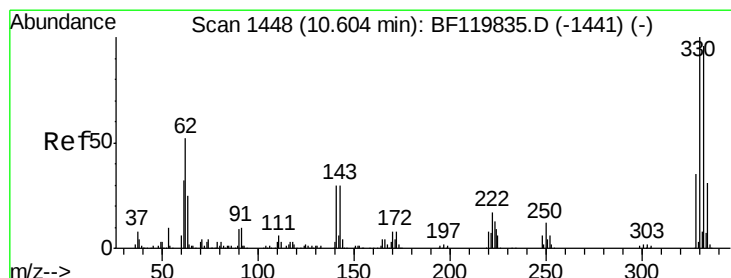
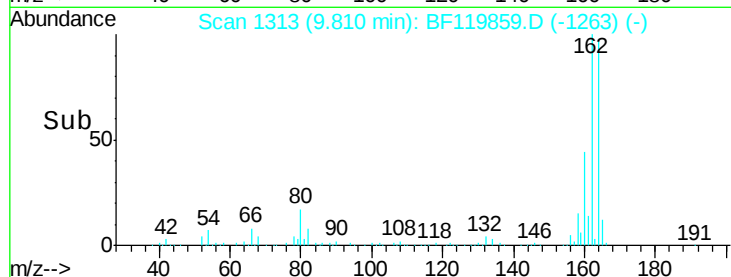
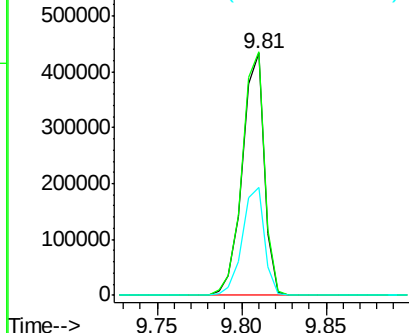
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF119859.D
 Acq: 9 Apr 2020 7:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.9	122.9
160	44.5	36.6	54.8

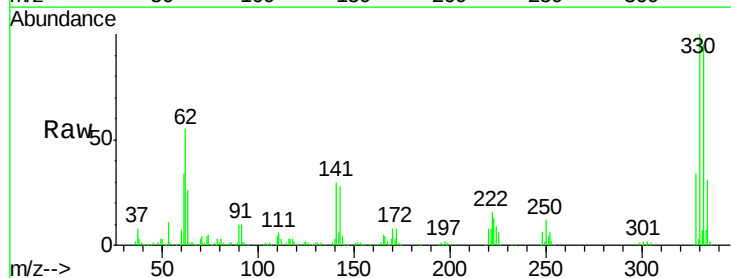


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

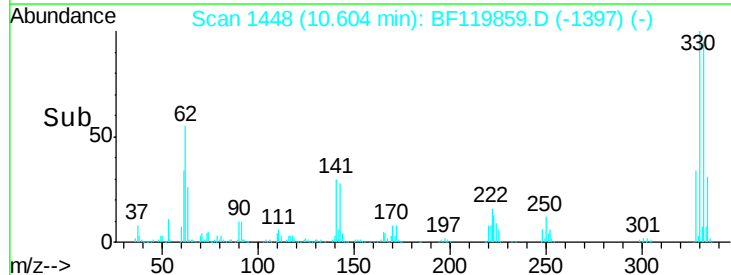
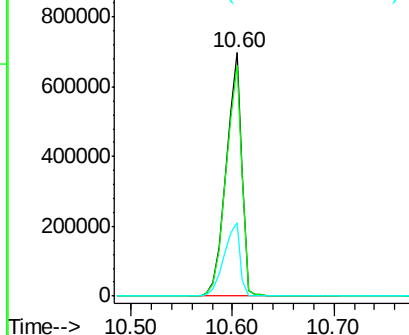


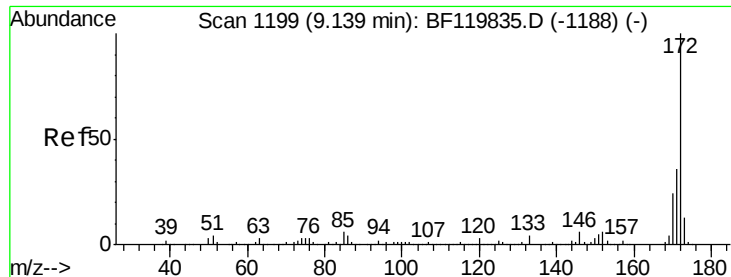
#42
 2,4,6-Tribromophenol
 Concen: 155.076 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF119859.D
 Acq: 9 Apr 2020 7:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	30.8	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

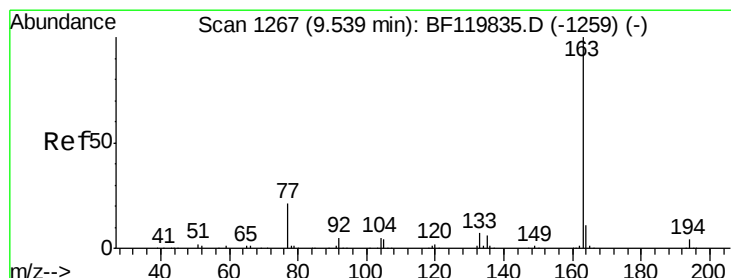
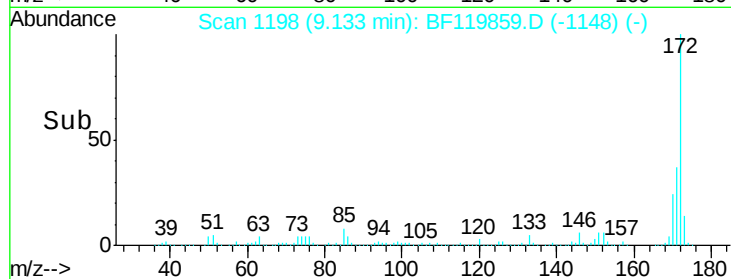
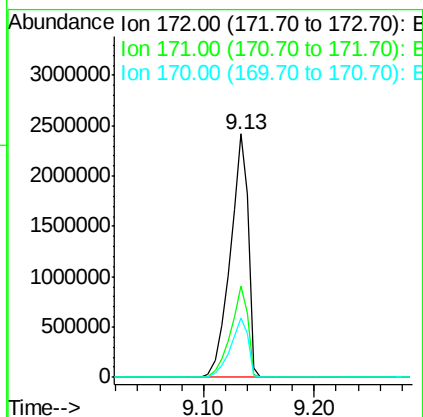
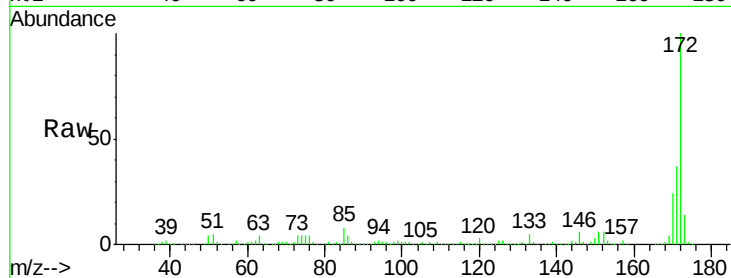




#45
2-Fluorobiphenyl
Concen: 98.708 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF119859.D
Acq: 9 Apr 2020 7:38

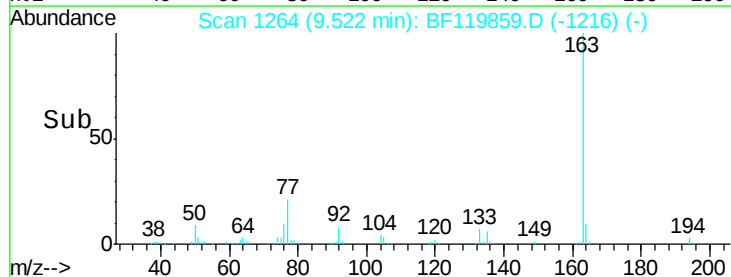
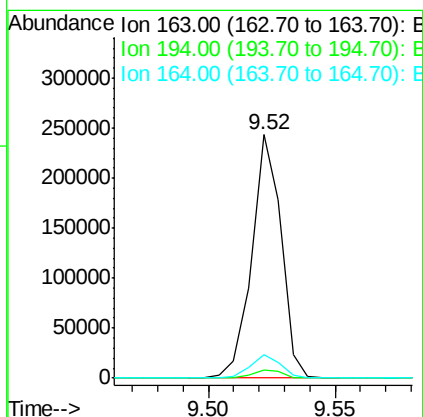
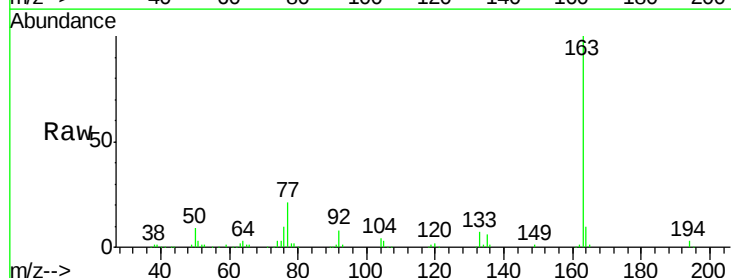
Instrument :
BNA_F
ClientSampled :

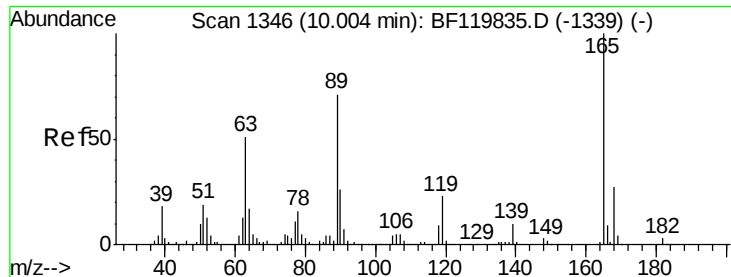
Tot Ion:172 Resp: 2732388
Ion Ratio Lower Upper
172 100
171 37.4 28.9 43.3
170 24.4 19.4 29.2



#50
Dimethylphthalate
Concen: 6.474 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF119859.D
Acq: 9 Apr 2020 7:38

Tgt Ion:163 Resp: 196812
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.6 8.4 12.6

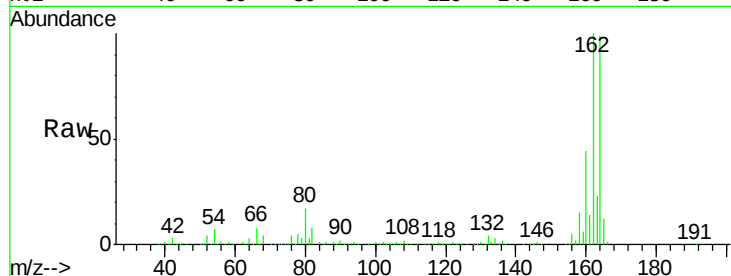




#57
 2,4-Dinitrotoluene
 Concen: 5.602 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF119859.D
 Acq: 9 Apr 2020 7:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.8	61.2#
89	0.9	56.9	85.3#
182	0.0	2.0	3.0#

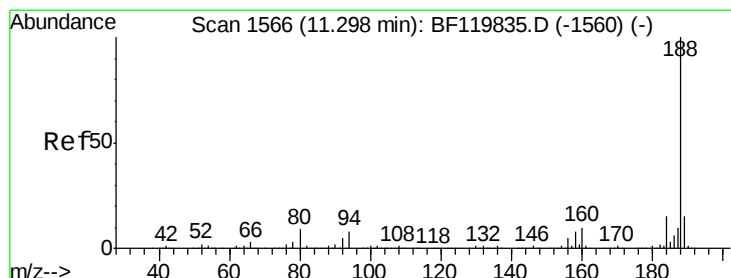
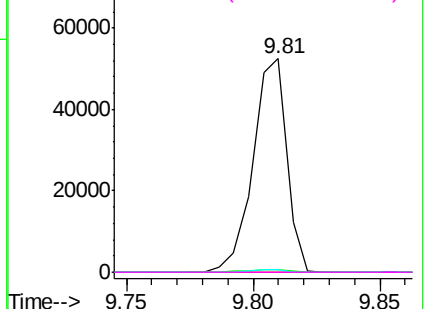
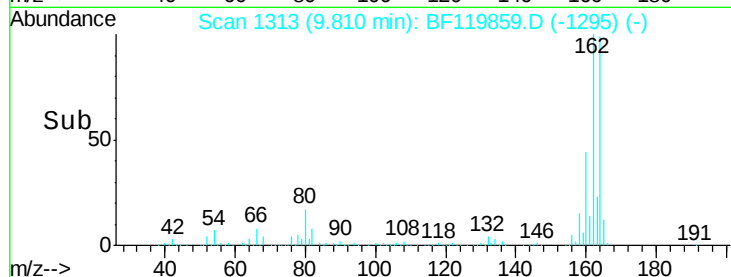


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

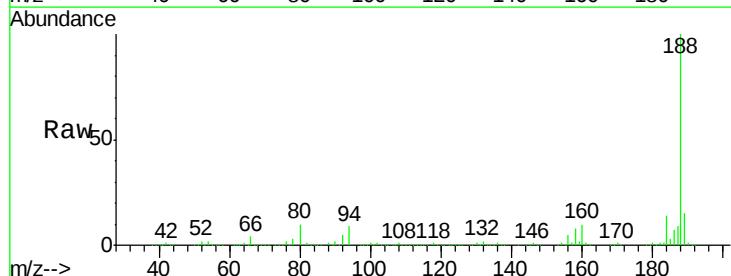
Ion 89.00 (88.70 to 89.70): BF1

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: BF119859.D
 Acq: 9 Apr 2020 7:38

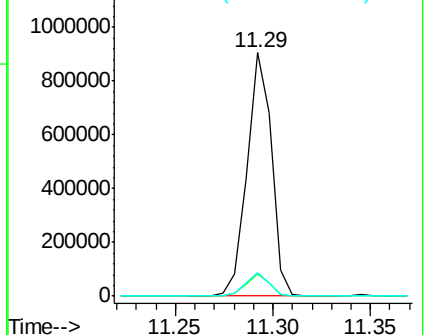
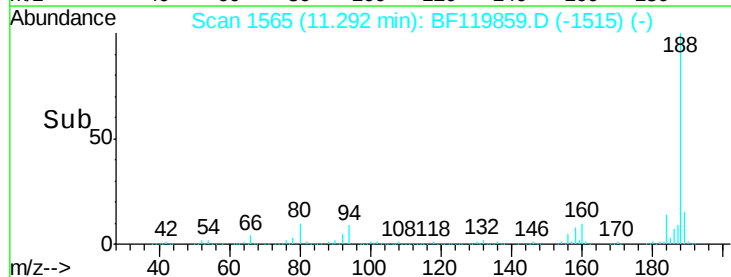
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.7	10.1
80	9.8	7.4	11.2

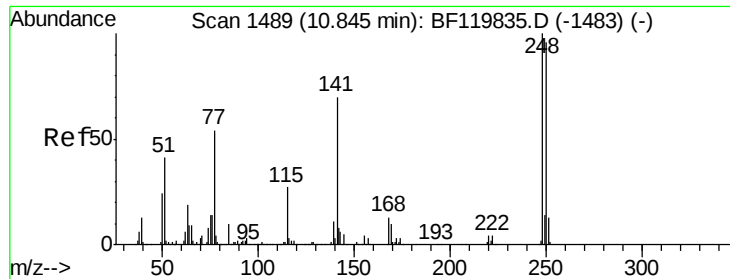


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

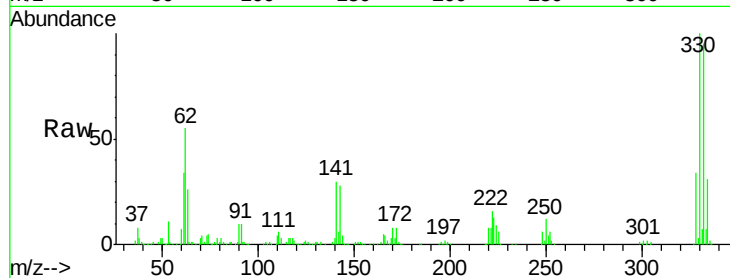




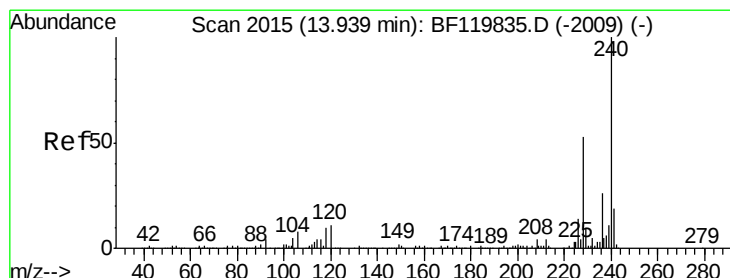
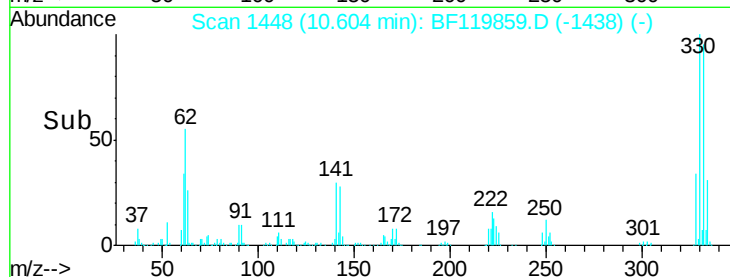
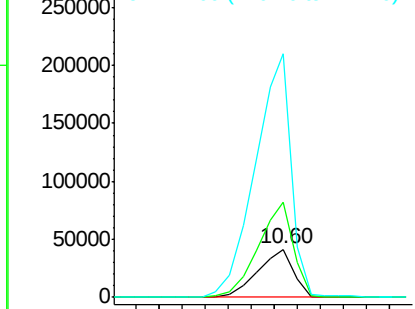
#67
 4-Bromophenyl-phenylether
 Concen: 4.573 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.24 min
 Lab File: BF119859.D
 Acq: 9 Apr 2020 7:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 44773
 Ion Ratio Lower Upper
 248 100
 250 199.9 76.6 114.8#
 141 509.6 55.9 83.9#

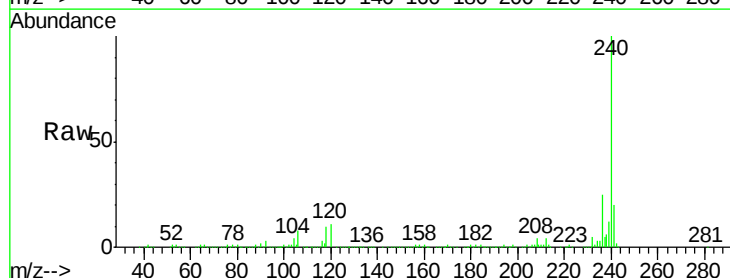


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

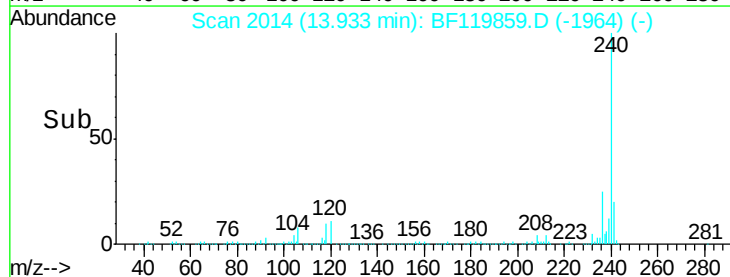
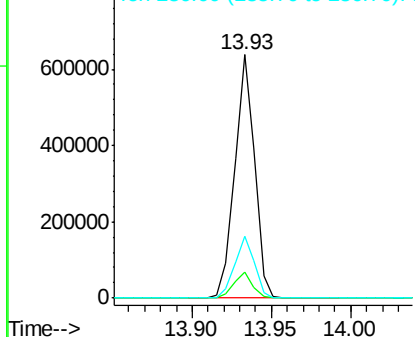


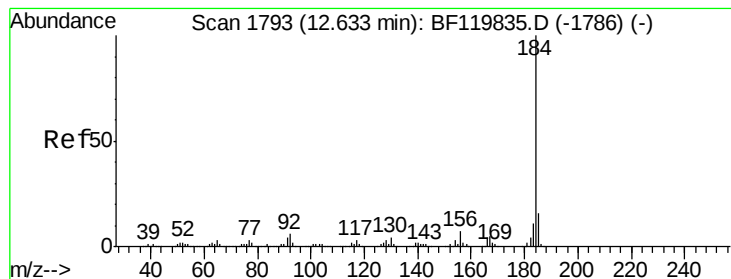
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF119859.D
 Acq: 9 Apr 2020 7:38

Tgt Ion:240 Resp: 555110
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.0 13.6
 236 25.2 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: 2.268 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.26 min

Lab File: BF119859.D

Acq: 9 Apr 2020 7:38

Instrument :

BNA_F

ClientSampleId :

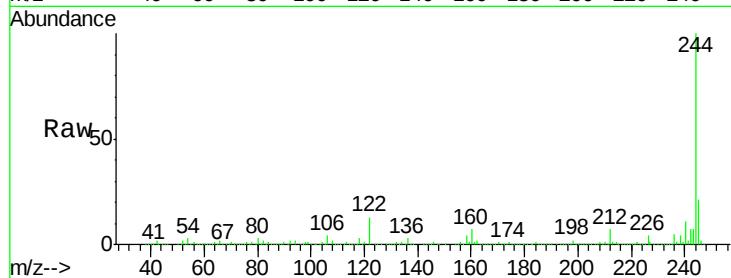
Tot Ion:184 Resp: 42558

Ion Ratio Lower Upper

184 100

185 16.6 13.2 19.8

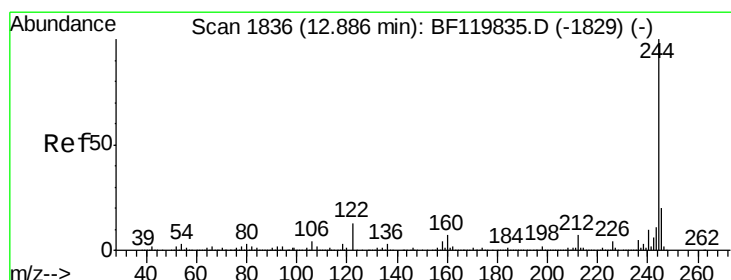
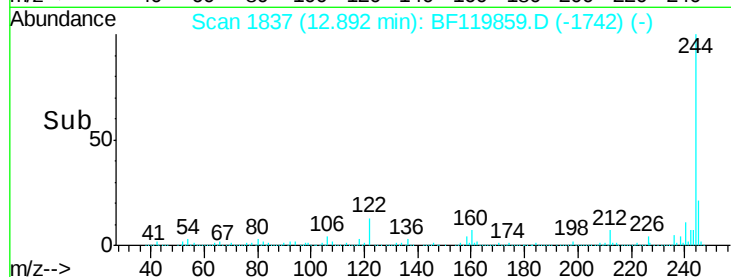
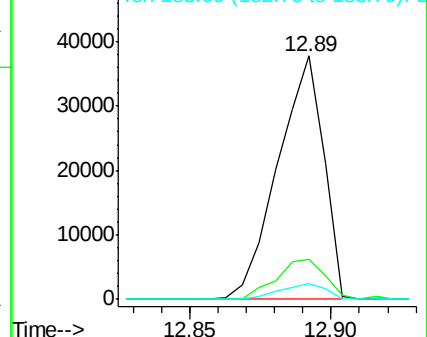
183 6.7 9.1 13.7#



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: 103.472 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF119859.D

Acq: 9 Apr 2020 7:38

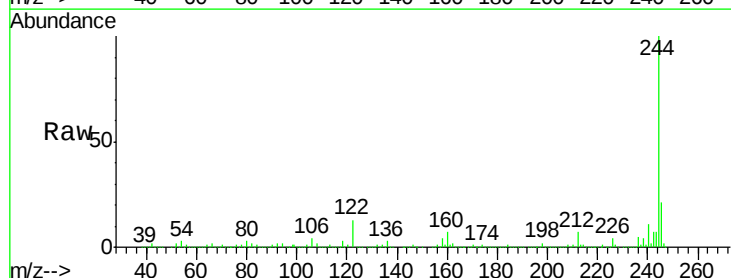
Tgt Ion:244 Resp: 3413563

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

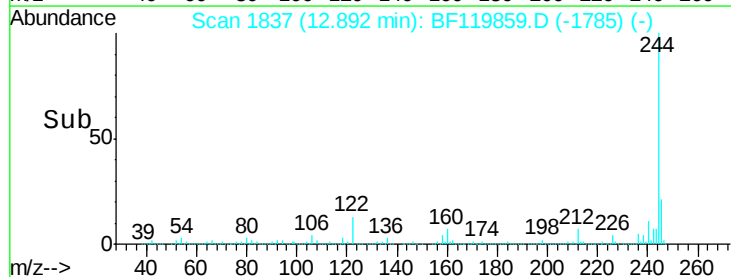
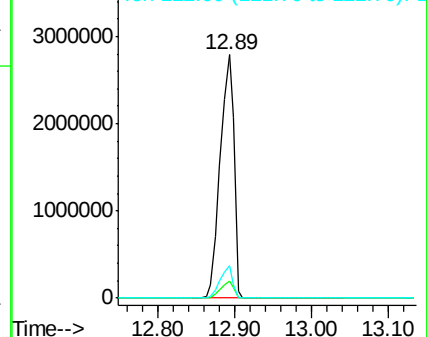
122 13.1 10.3 15.5

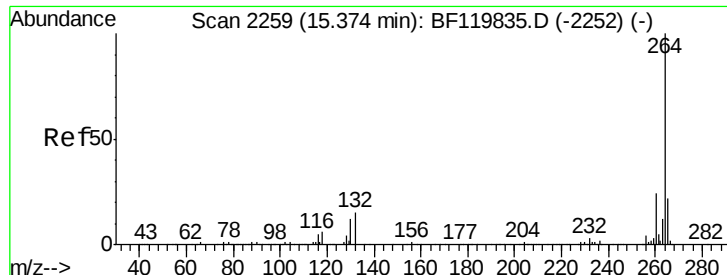


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

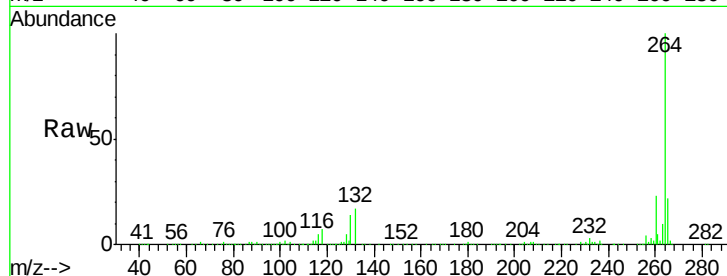




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF119859.D
Acq: 9 Apr 2020 7:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	22.2	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

