

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
 Data File : BF119886.D
 Acq On : 9 Apr 2020 22:47
 Operator : MA/SJ
 Sample : L2162-05 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 01:33:09 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

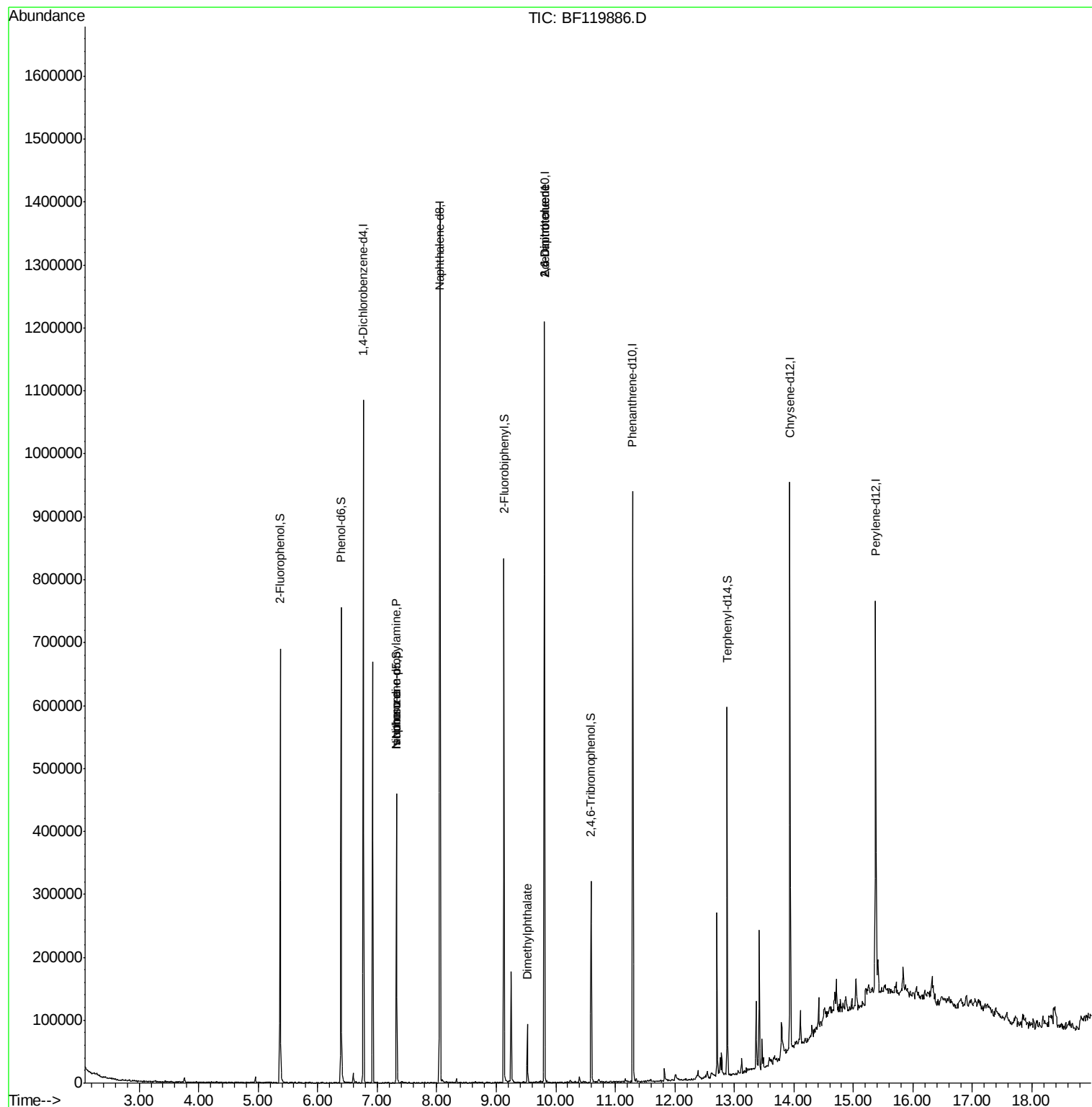
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	148525	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	552664	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	218042	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	344891	20.00	ng	0.00
76) Chrysene-d12	13.94	240	327980	20.00	ng	0.00
87) Perylene-d12	15.37	264	281641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	161110	18.75	ng	0.00
7) Phenol-d6	6.39	99	204921	18.50	ng	-0.01
23) Nitrobenzene-d5	7.33	82	120957	11.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	35927	13.46	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	235527	15.34	ng	-0.01
79) Terphenyl-d14	12.88	244	182844	9.38	ng	0.00
Target Compounds						
9) Benzaldehyde	6.40	77	261	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.33	70	15826	2.222 ng	#	77
25) Isophorone	7.33	82	120956	5.874 ng	#	65
50) Dimethylphthalate	9.52	163	33890	2.009 ng	#	97
51) 2,6-Dinitrotoluene	9.81	165	28773	7.791 ng	#	19
57) 2,4-Dinitrotoluene	9.81	165	28773	5.913 ng	#	22

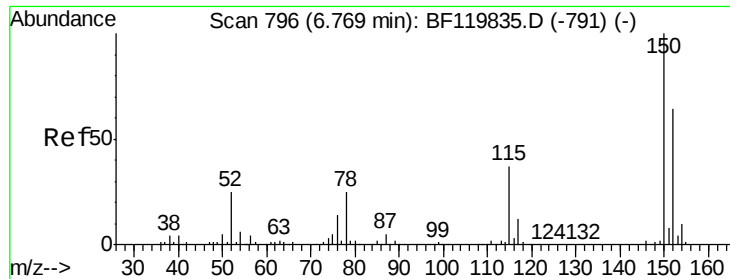
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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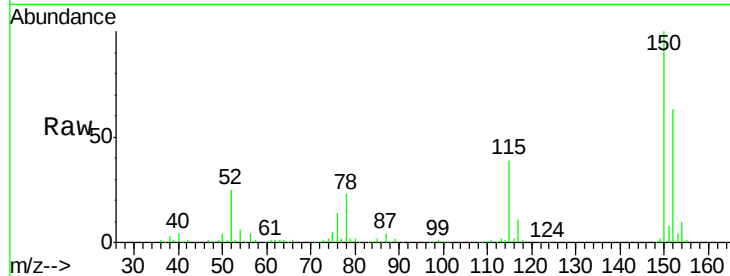


#1

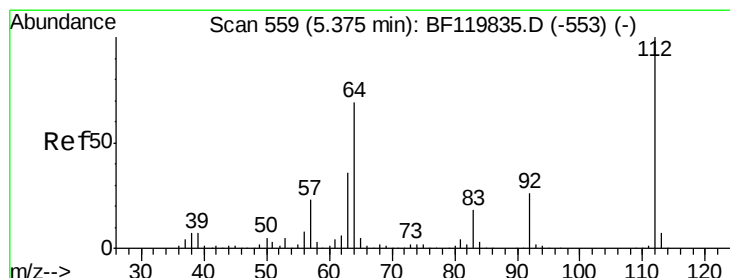
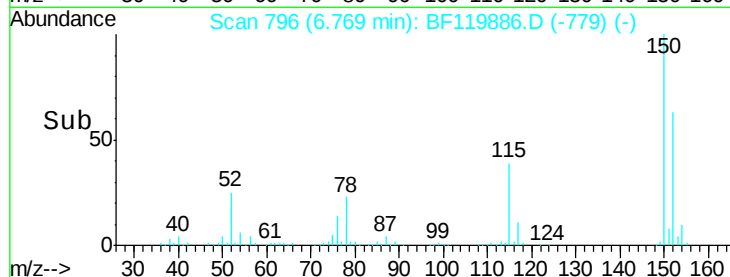
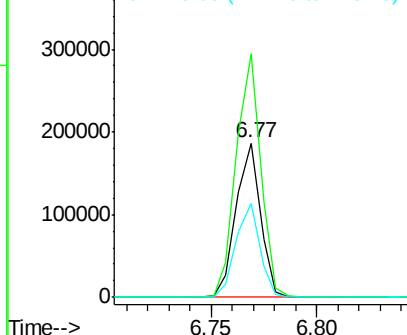
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF119886.D
Acq: 9 Apr 2020 22:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 148525
Ion Ratio Lower Upper
152 100
150 157.5 124.8 187.2
115 60.8 46.5 69.7



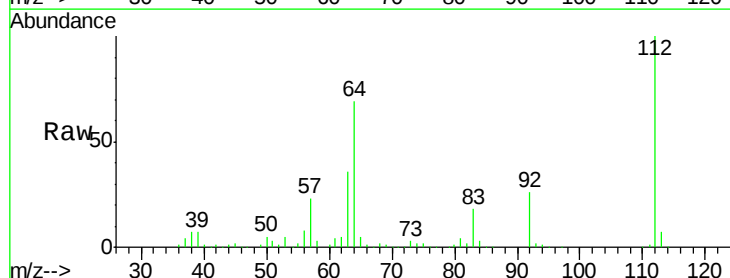
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



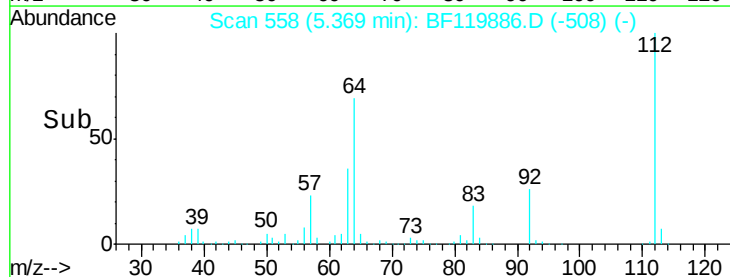
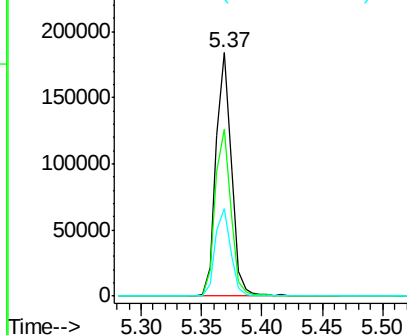
#5

2-Fluorophenol
Concen: 18.746 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF119886.D
Acq: 9 Apr 2020 22:47

Tgt Ion:112 Resp: 161110
Ion Ratio Lower Upper
112 100
64 68.6 55.5 83.3
63 35.9 29.1 43.7



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: 18.504 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119886.D

Acq: 9 Apr 2020 22:47

Instrument :

BNA_F

ClientSampleId :

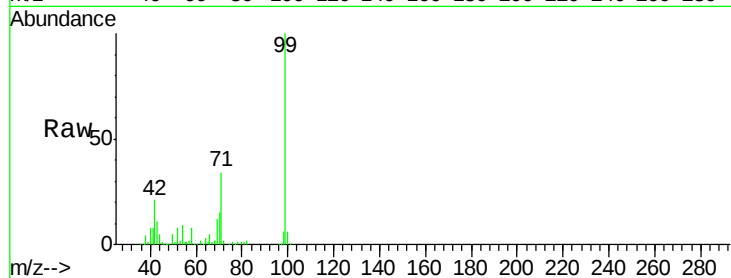
Tot Ion: 99 Resp: 204921

Ion Ratio Lower Upper

99 100

42 21.4 16.9 25.3

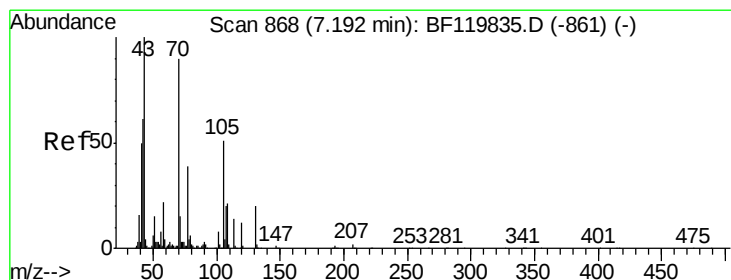
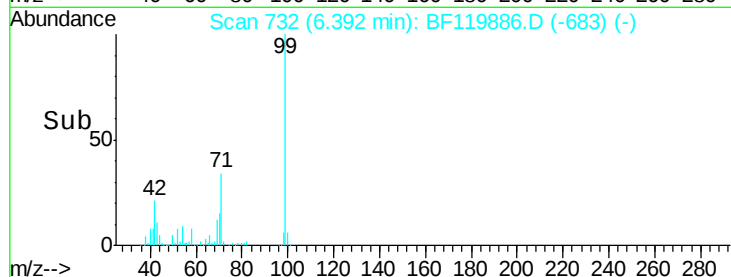
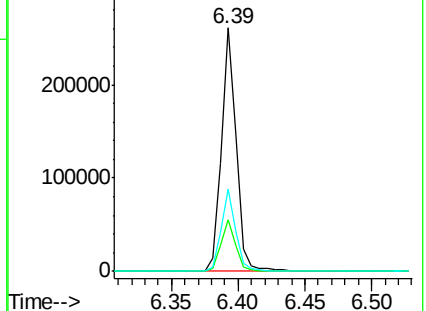
71 33.7 26.3 39.5



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: 2.222 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.14 min

Lab File: BF119886.D

Acq: 9 Apr 2020 22:47

Tgt Ion: 70 Resp: 15826

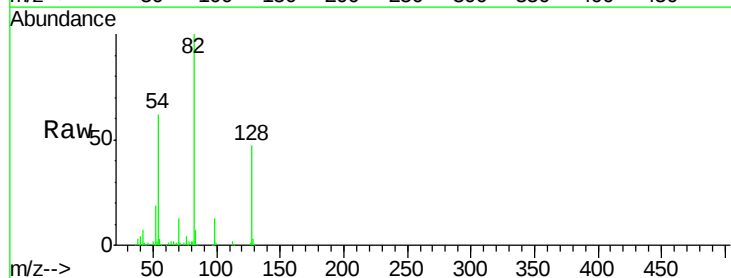
Ion Ratio Lower Upper

70 100

42 54.3 54.2 81.4

101 0.0 7.4 11.2#

130 1.9 17.8 26.6#

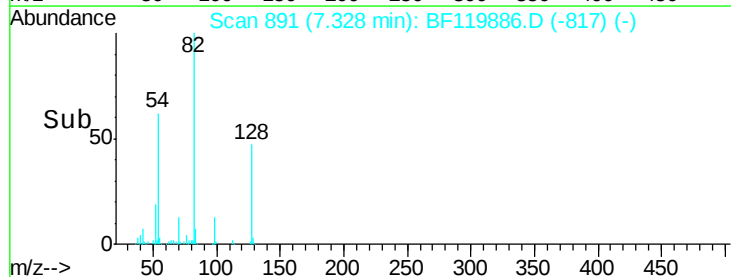
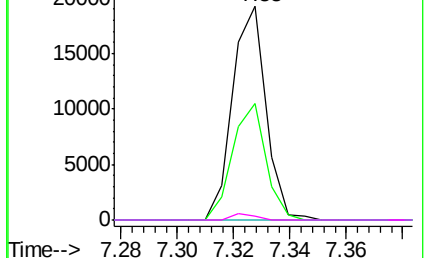


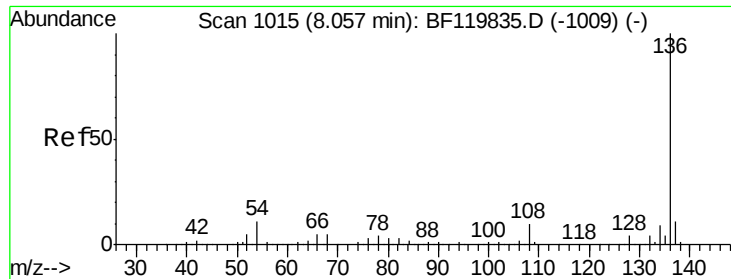
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

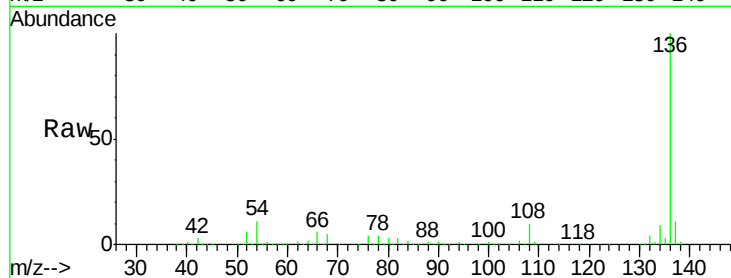




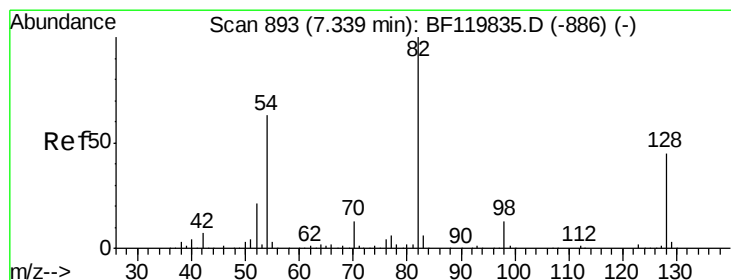
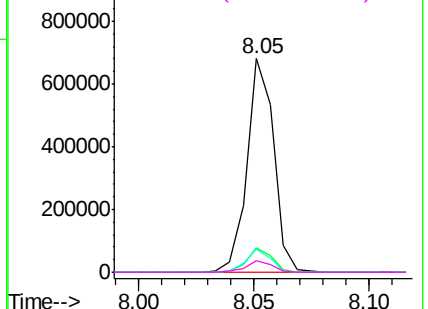
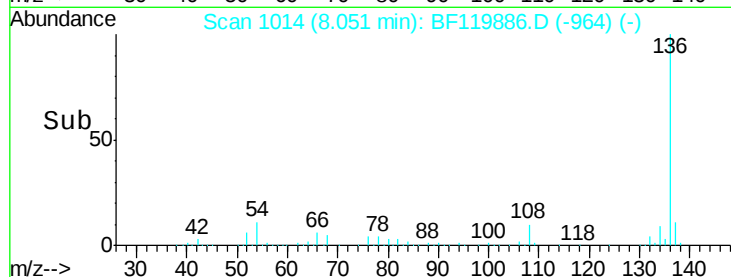
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF119886.D
Acq: 9 Apr 2020 22:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	552664
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.7 13.1
54	10.8	8.5 12.7
68	5.5	3.9 5.9

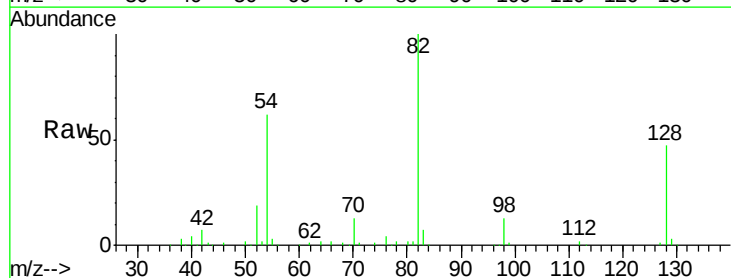


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

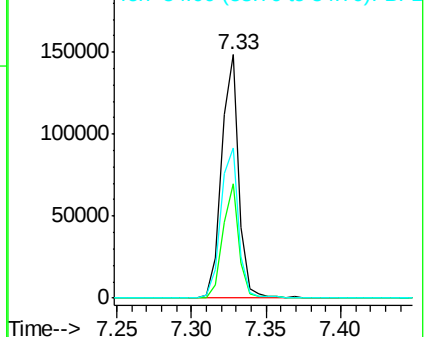
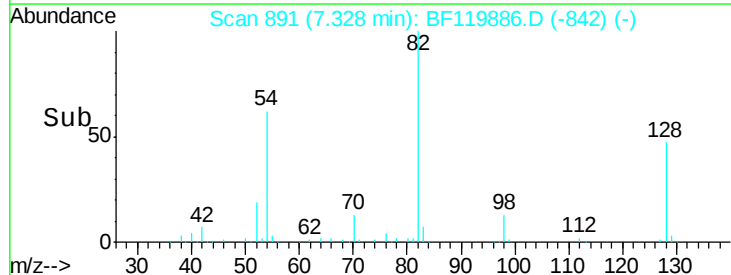


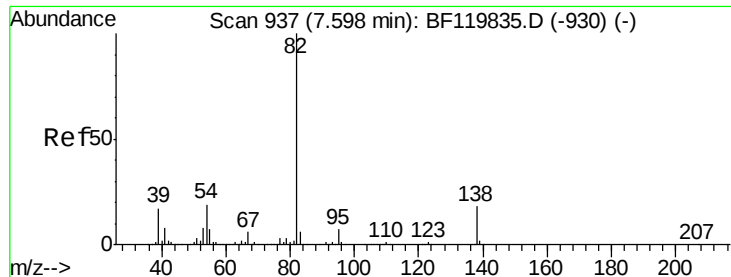
#23
Nitrobenzene-d5
Concen: 11.323 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF119886.D
Acq: 9 Apr 2020 22:47

Tgt Ion: 82	Resp:	120957
Ion	Ratio	Lower Upper
82	100	
128	46.7	36.2 54.4
54	61.7	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: 5.874 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.27 min

Lab File: BF119886.D

Acq: 9 Apr 2020 22:47

Instrument :

BNA_F

ClientSampleId :

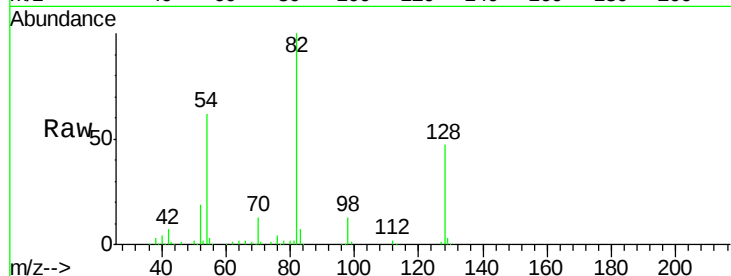
Tot Ion: 82 Resp: 120956

Ion Ratio Lower Upper

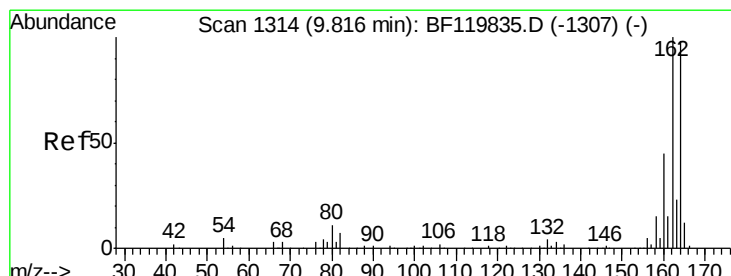
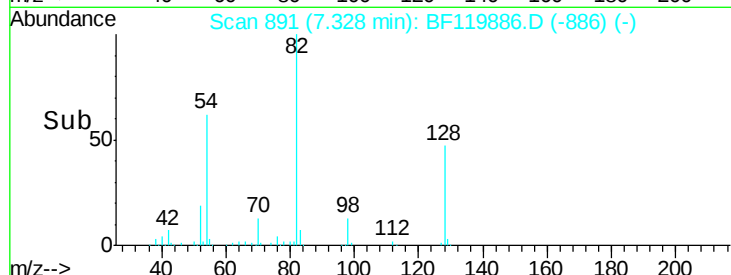
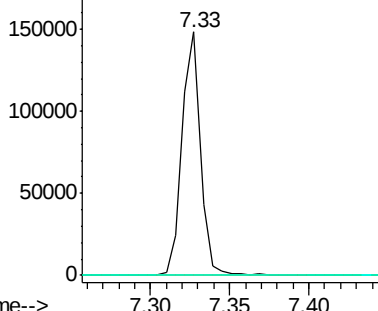
82 100

95 0.0 5.8 8.6#

138 0.0 14.5 21.7#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF119886.D

Acq: 9 Apr 2020 22:47

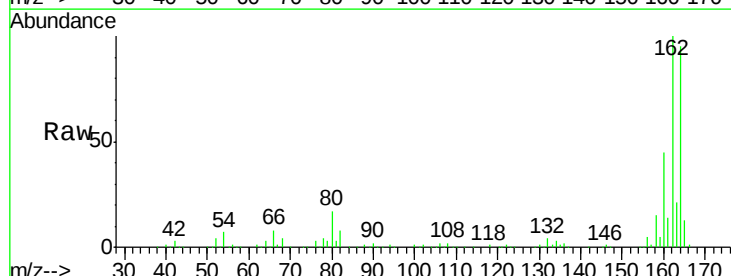
Tgt Ion: 164 Resp: 218042

Ion Ratio Lower Upper

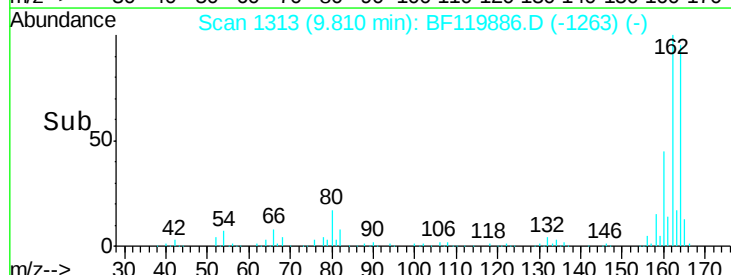
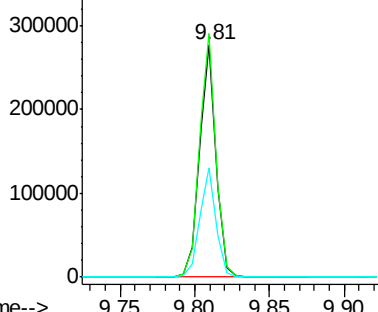
164 100

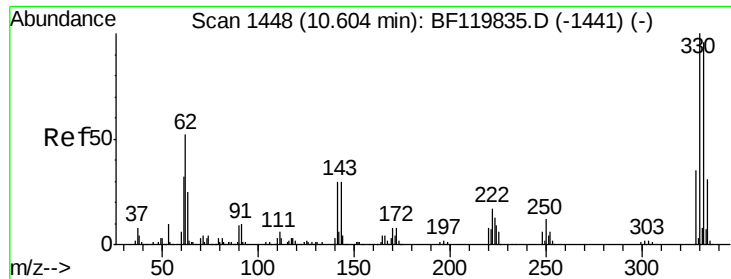
162 104.8 81.9 122.9

160 47.2 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

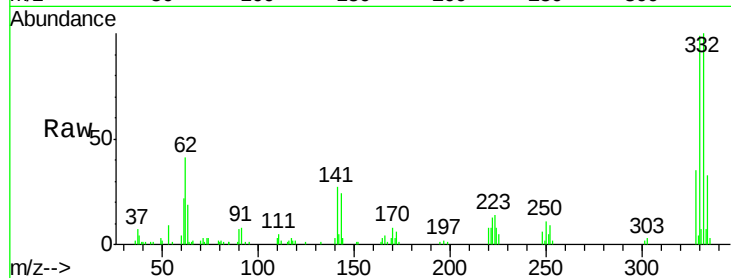




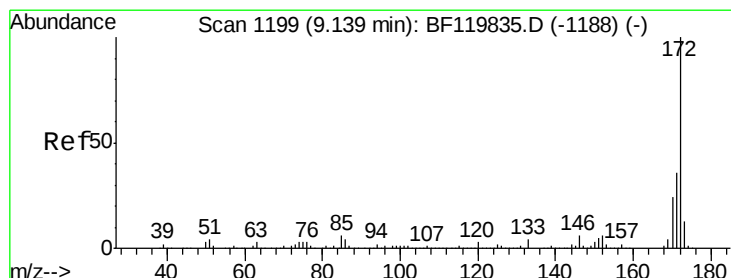
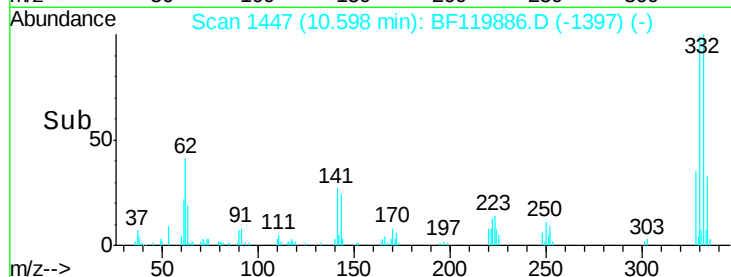
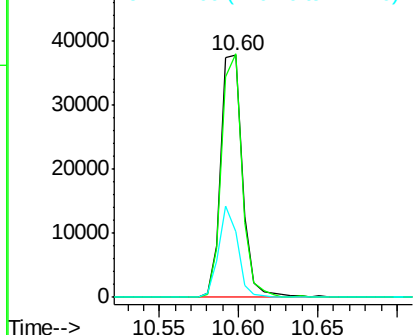
#42
 2,4,6-Tribromophenol
 Concen: 13.458 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF119886.D
 Acq: 9 Apr 2020 22:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 35927
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.8 115.2
 141 32.8 25.1 37.7

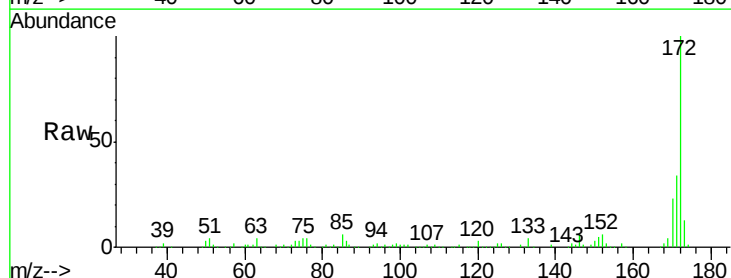


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

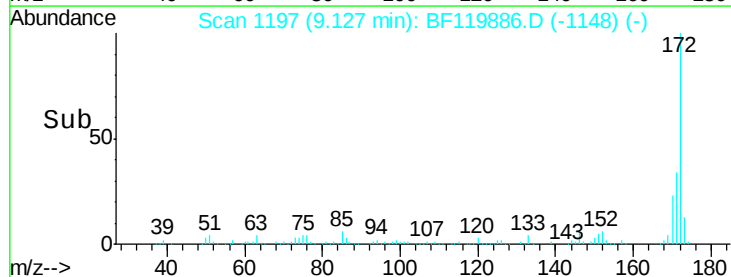
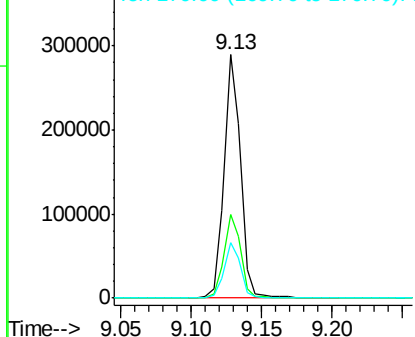


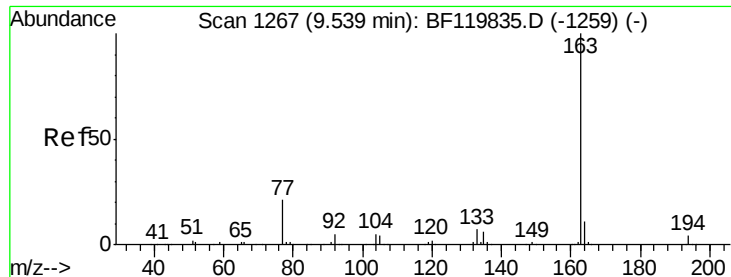
#45
 2-Fluorobiphenyl
 Concen: 15.336 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119886.D
 Acq: 9 Apr 2020 22:47

Tgt Ion:172 Resp: 235527
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.9 43.3
 170 22.9 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: 2.009 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF119886.D

Acq: 9 Apr 2020 22:47

Instrument :
BNA_F
ClientSampled :

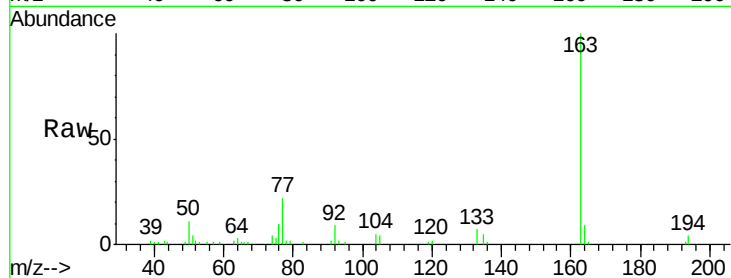
Tot Ion:163 Resp: 33890

Ion Ratio Lower Upper

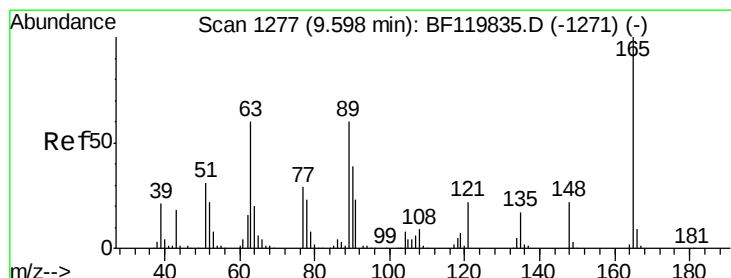
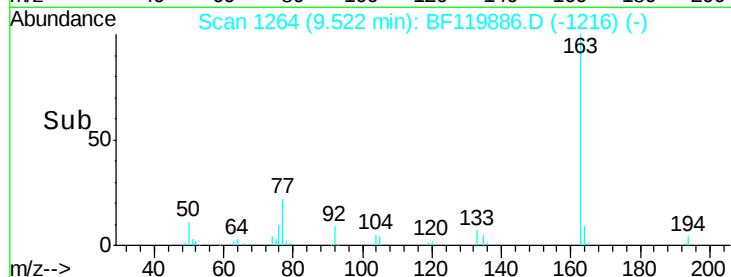
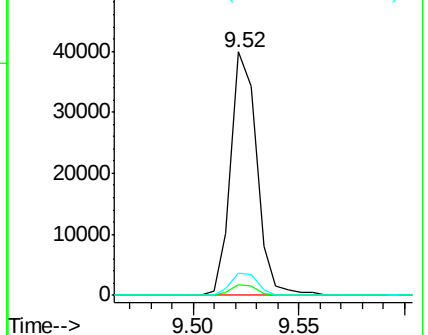
163 100

194 4.4 3.0 4.4

164 9.3 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



#51

2,6-Dinitrotoluene

Concen: 7.791 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.21 min

Lab File: BF119886.D

Acq: 9 Apr 2020 22:47

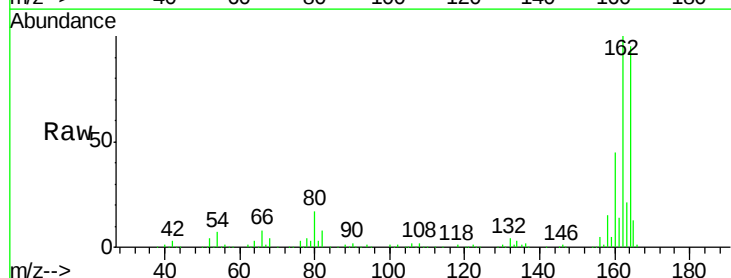
Tgt Ion:165 Resp: 28773

Ion Ratio Lower Upper

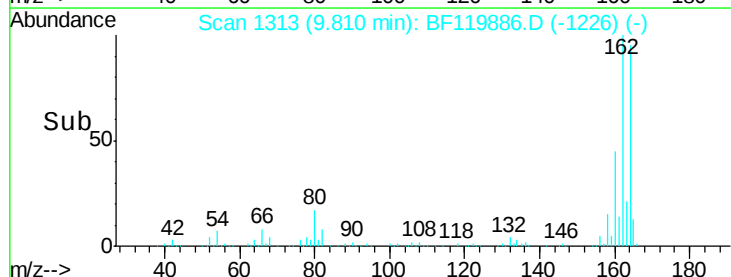
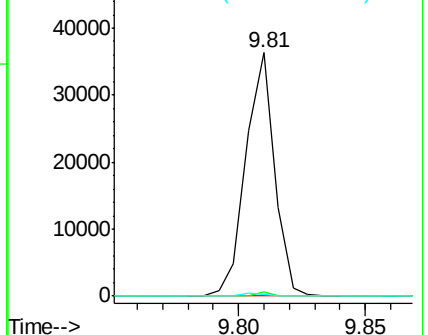
165 100

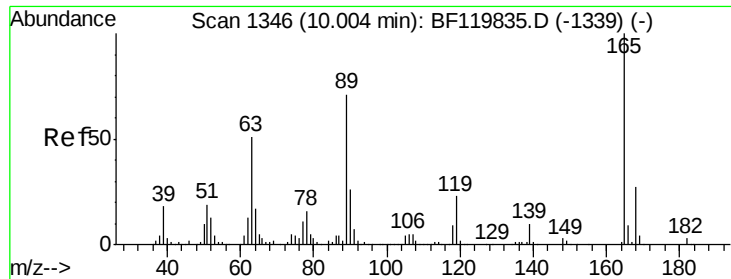
63 1.5 55.6 83.4#

89 0.9 47.9 71.9#



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

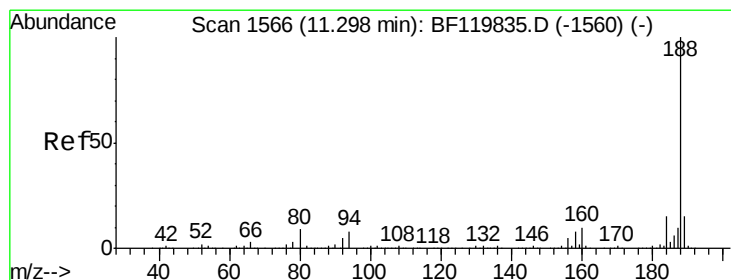
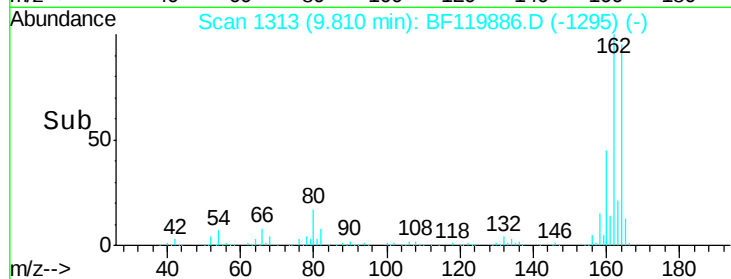
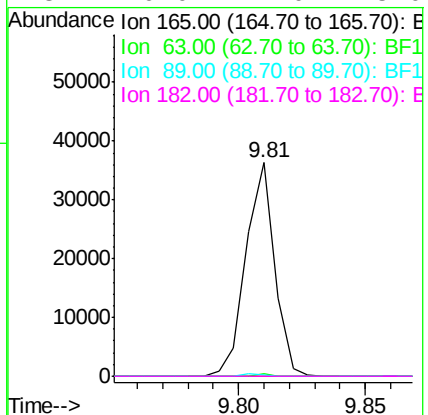
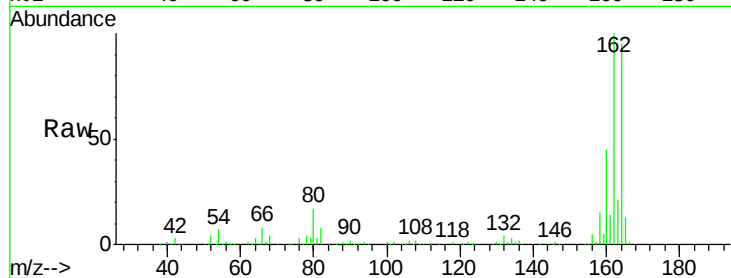




#57
 2,4-Dinitrotoluene
 Concen: 5.913 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF119886.D
 Acq: 9 Apr 2020 22:47

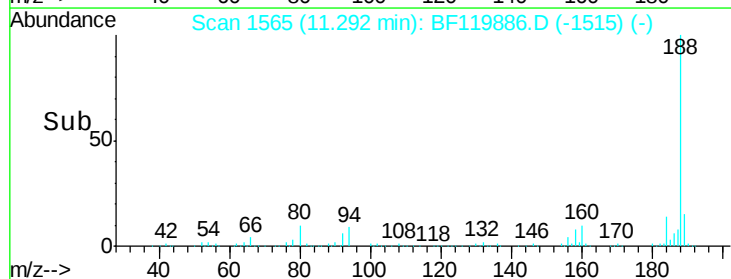
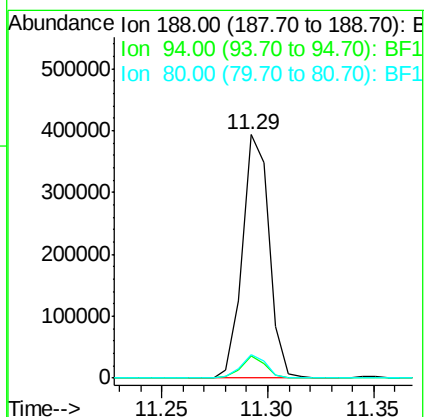
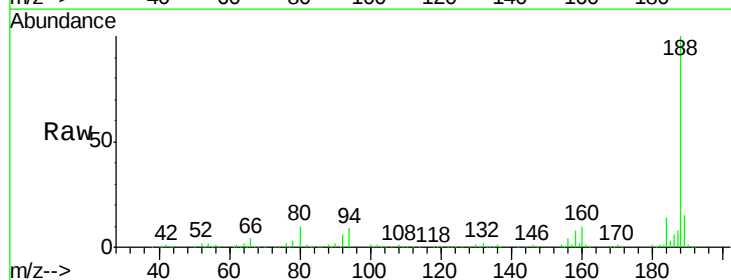
Instrument :
 BNA_F
 ClientSampled :

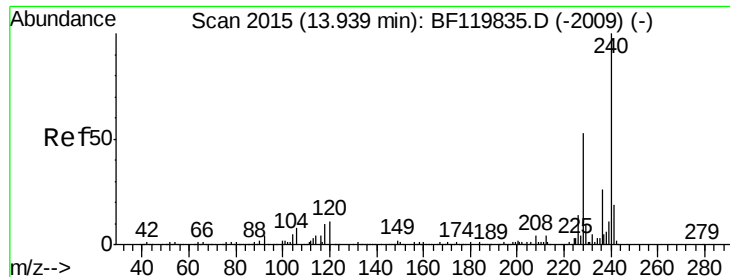
Tot Ion:165 Resp: 28773
 Ion Ratio Lower Upper
 165 100
 63 1.5 40.8 61.2#
 89 0.9 56.9 85.3#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF119886.D
 Acq: 9 Apr 2020 22:47

Tgt Ion:188 Resp: 344891
 Ion Ratio Lower Upper
 188 100
 94 9.0 6.7 10.1
 80 9.5 7.4 11.2

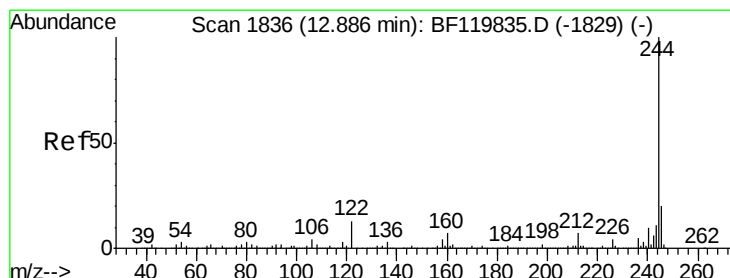
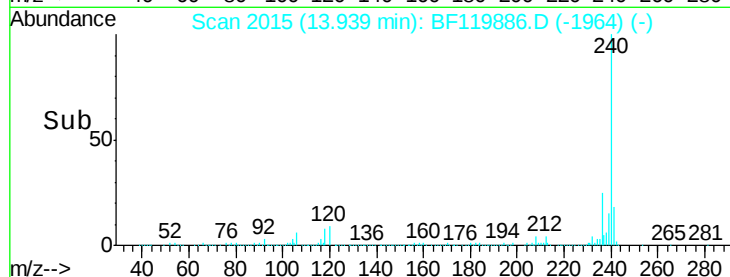
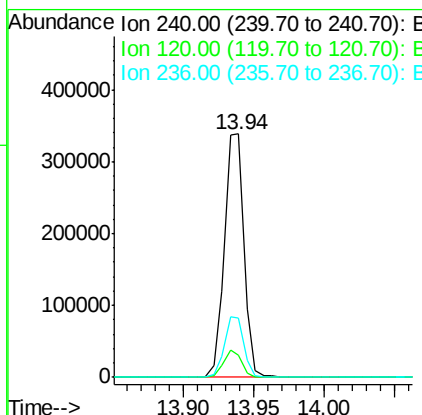
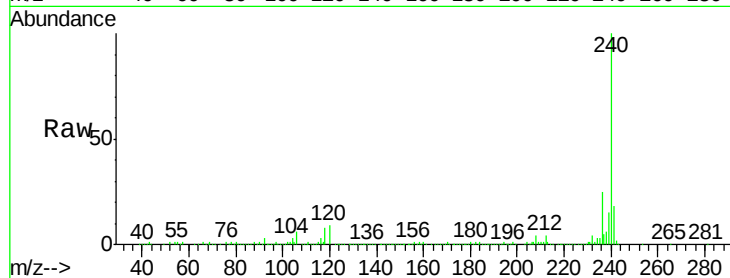




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF119886.D
Acq: 9 Apr 2020 22:47

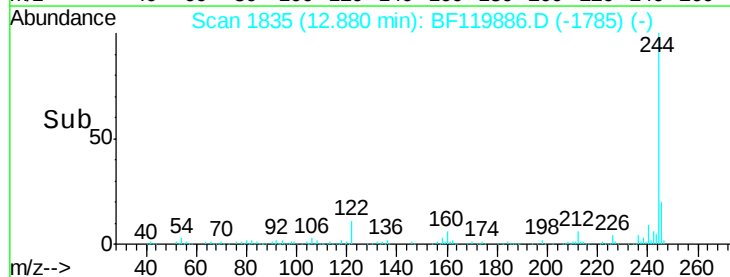
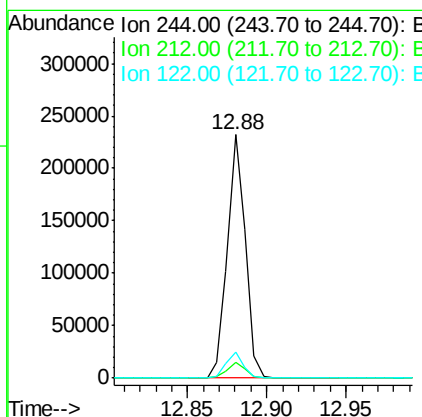
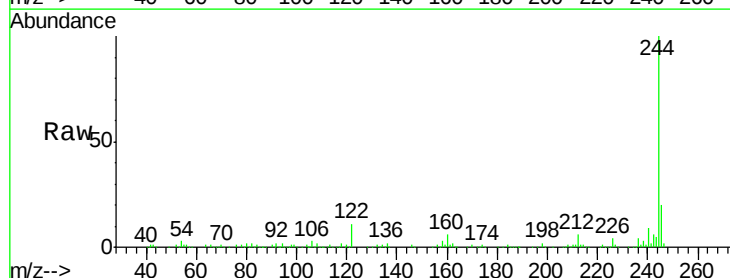
Instrument :
BNA_F
ClientSampleId :

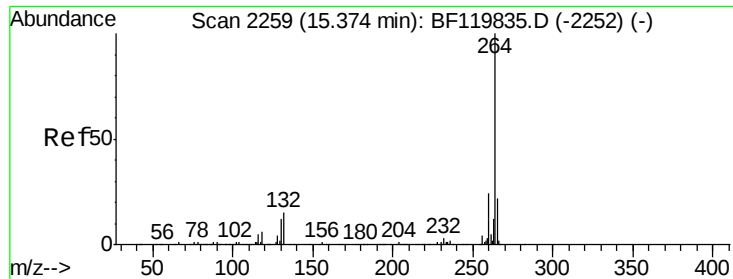
Tot Ion:240 Resp: 327980
Ion Ratio Lower Upper
240 100
120 8.9 9.0 13.6#
236 24.6 20.7 31.1



#79
Terphenyl-d14
Concen: 9.381 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF119886.D
Acq: 9 Apr 2020 22:47

Tgt Ion:244 Resp: 182844
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 10.5 10.3 15.5

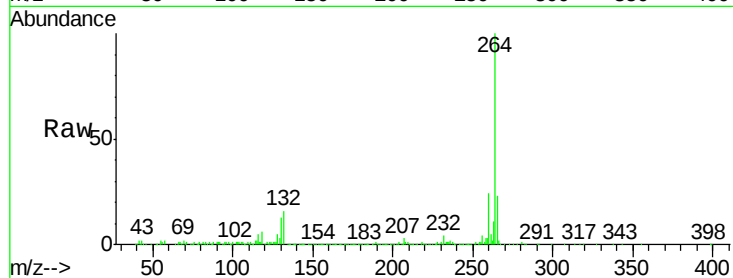




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BF119886.D
Acq: 9 Apr 2020 22:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	22.5	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

