

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120058.D
 Acq On : 17 Apr 2020 14:47
 Operator : MA/SJ
 Sample : L2243-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 01:21:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

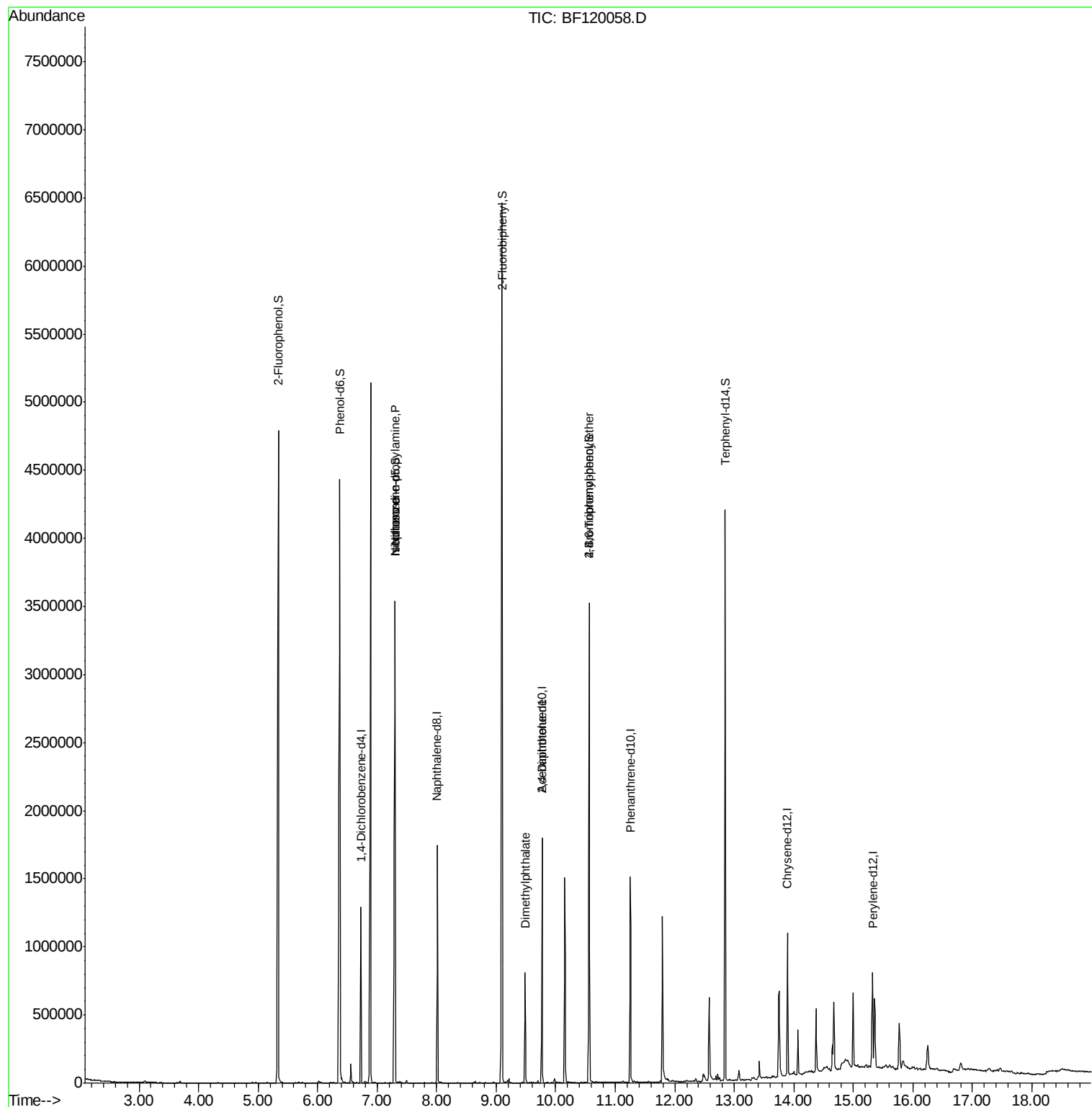
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	192751	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	711295	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	339241	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	535790	20.00	ng	0.00
76) Chrysene-d12	13.89	240	329213	20.00	ng	-0.01
87) Perylene-d12	15.32	264	298021	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1534939	137.62	ng	0.01
7) Phenol-d6	6.37	99	1954817	136.02	ng	0.00
23) Nitrobenzene-d5	7.30	82	1211110	88.09	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	410825	98.91	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2181426	91.30	ng	0.00
79) Terphenyl-d14	12.85	244	1655808	84.63	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	2509	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	159728	17.283	ng	# 1
25) Isophorone	7.30	82	1199300	45.249	ng	# 76
50) Dimethylphthalate	9.49	163	275253	10.490	ng	# 65
57) 2,4-Dinitrotoluene	9.77	165	43162	5.701	ng	# 100
67) 4-Bromophenyl-phenylether	10.56	248	24413	3.664	ng	# 22
						# 1

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

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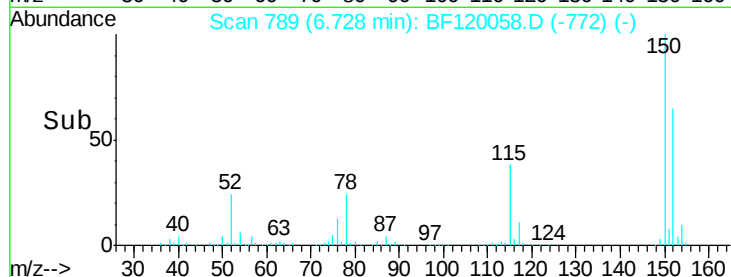
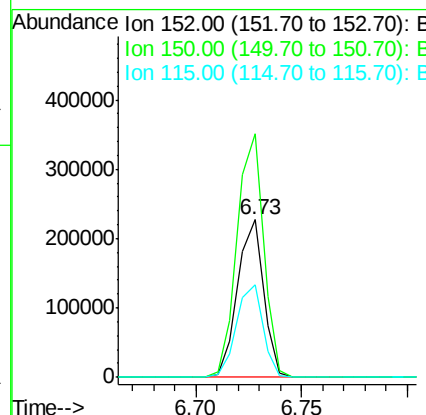
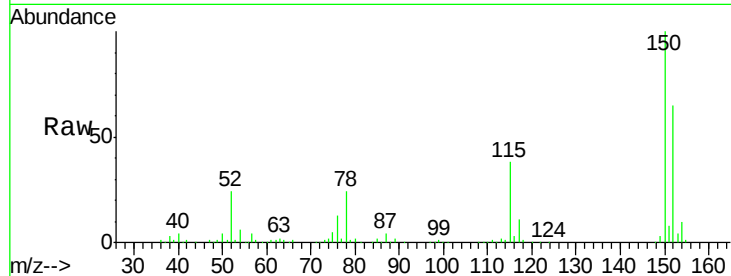


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF120058.D
Acq: 17 Apr 2020 14:47

Instrument :
BNA_F
ClientSampleId :

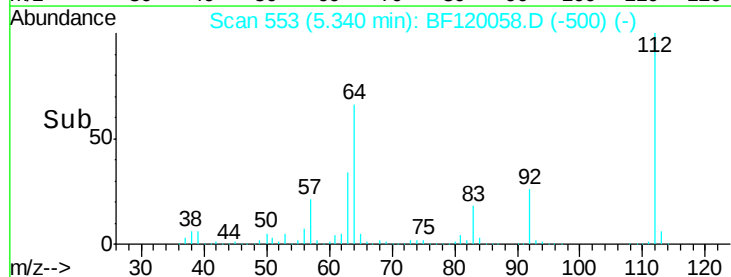
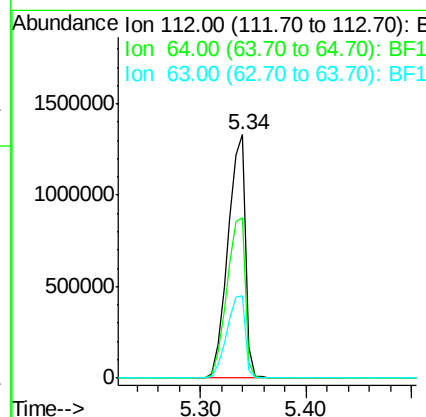
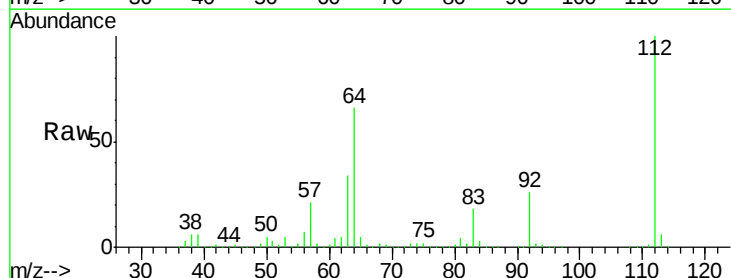
Tot Ion:152 Resp: 192751
Ion Ratio Lower Upper
152 100
150 154.5 124.8 187.2
115 59.0 46.5 69.7

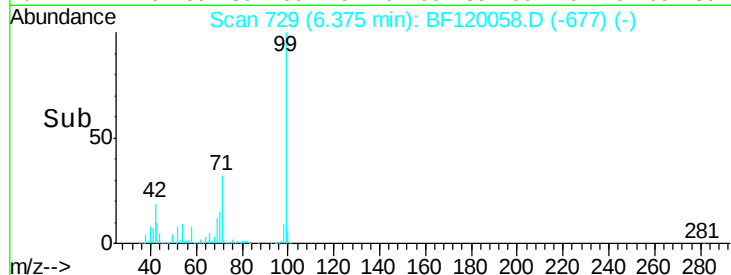
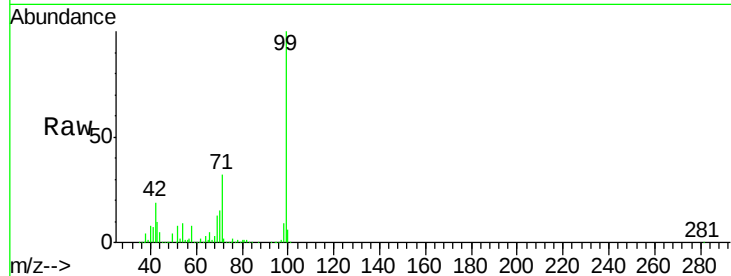


#5

2-Fluorophenol
Concen: 137.621 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF120058.D
Acq: 17 Apr 2020 14:47

Tgt Ion:112 Resp: 1534939
Ion Ratio Lower Upper
112 100
64 65.8 55.5 83.3
63 33.7 29.1 43.7





#7

Phenol-d6

Concen: 136.019 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF120058.D

Acq: 17 Apr 2020 14:47

Instrument :

BNA_F

ClientSampleId :

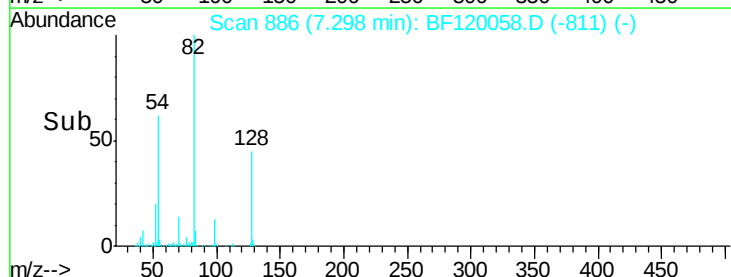
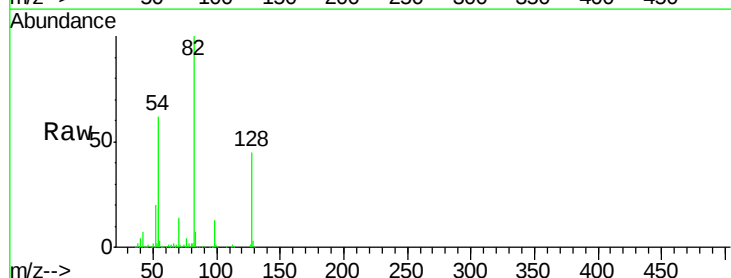
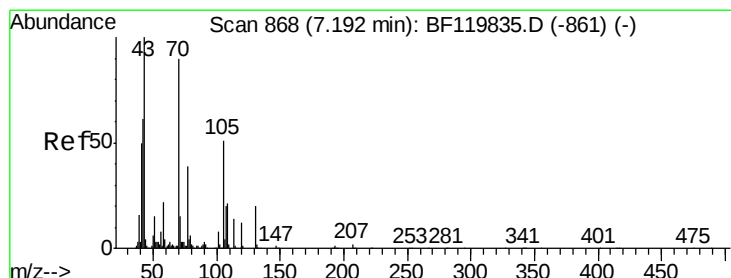
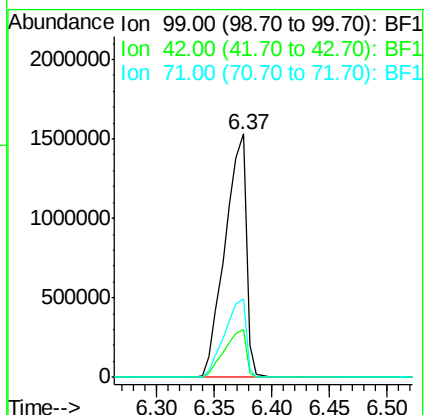
Tot Ion: 99 Resp: 1954817

Ion Ratio Lower Upper

99 100

42 19.4 16.9 25.3

71 32.4 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 17.283 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF120058.D

Acq: 17 Apr 2020 14:47

Tgt Ion: 70 Resp: 159728

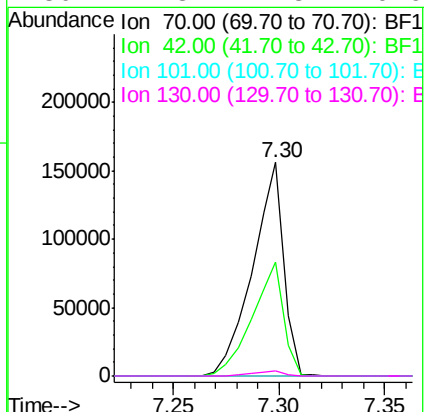
Ion Ratio Lower Upper

70 100

42 53.3 54.2 81.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.6#

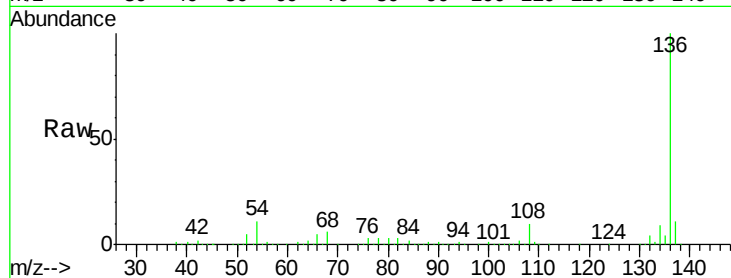




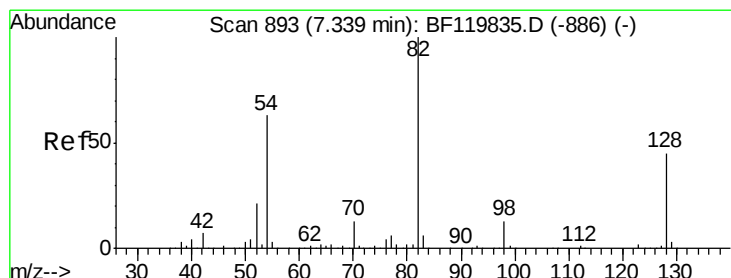
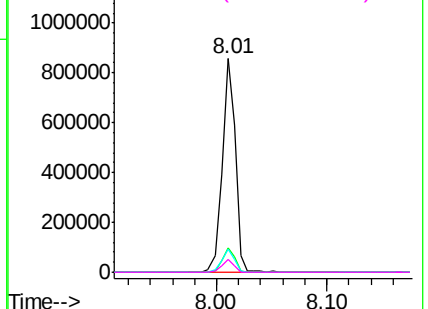
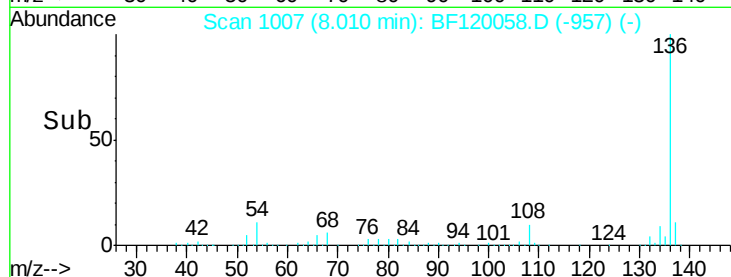
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120058.D
Acq: 17 Apr 2020 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	711295
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.7	13.1
54 10.6	8.5	12.7
68 5.8	3.9	5.9

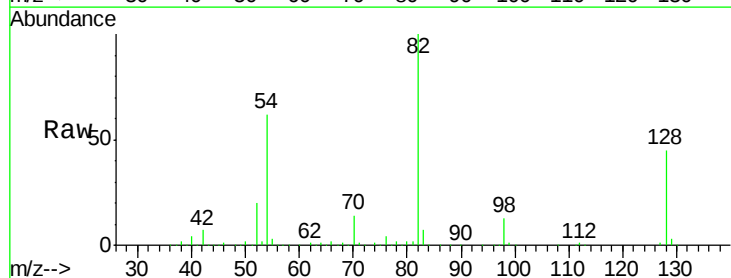


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

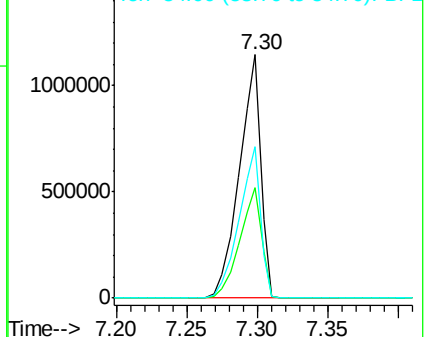
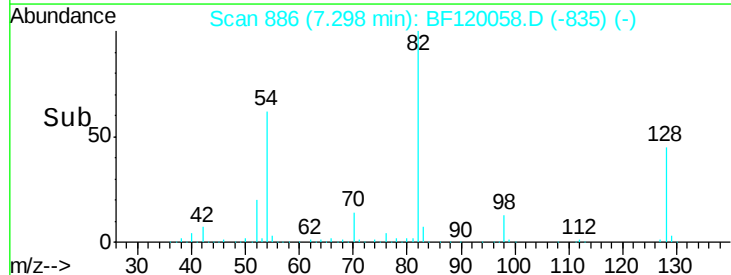


#23
Nitrobenzene-d5
Concen: 88.086 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF120058.D
Acq: 17 Apr 2020 14:47

Tgt Ion: 82	Resp: 1211110
Ion Ratio	Lower Upper
82 100	
128 45.2	36.2 54.4
54 62.0	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: 45.249 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF120058.D

Acq: 17 Apr 2020 14:47

Instrument :

BNA_F

ClientSampled :

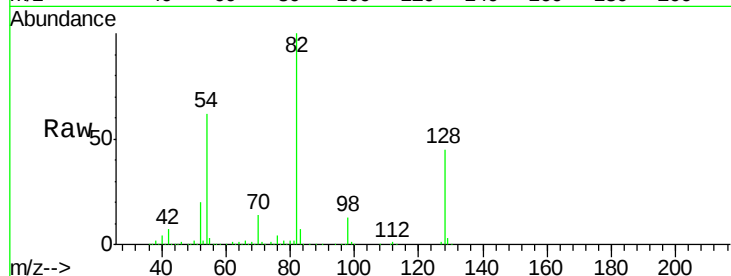
Tot Ion: 82 Resp: 1199300

Ion Ratio Lower Upper

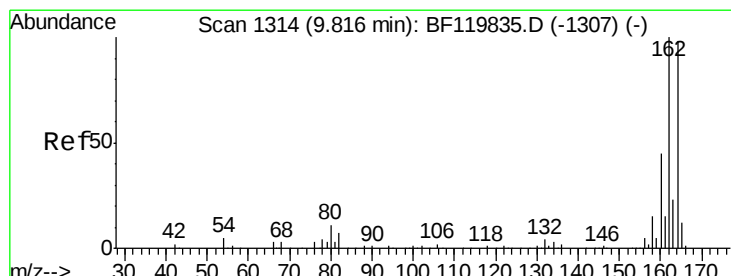
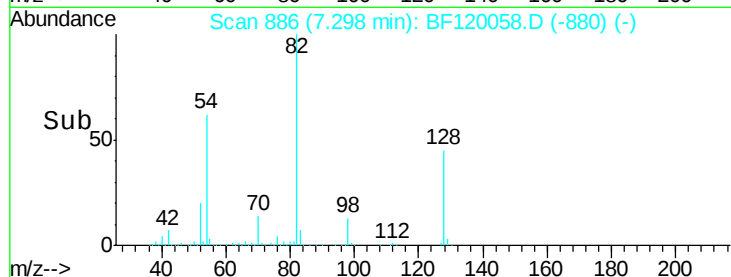
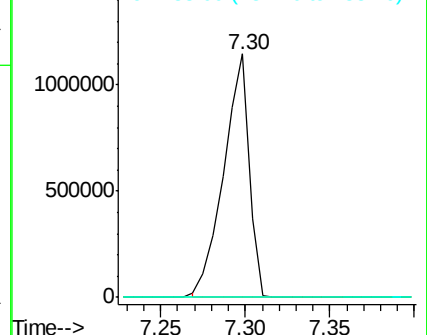
82 100

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: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF120058.D

Acq: 17 Apr 2020 14:47

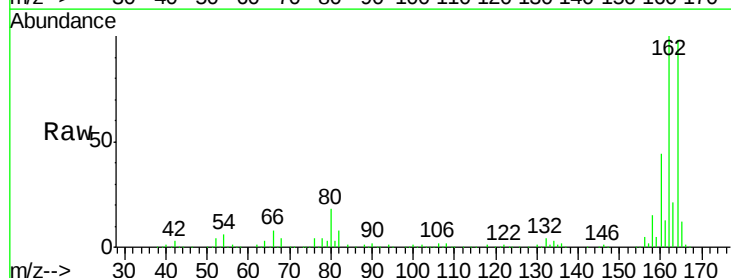
Tgt Ion: 164 Resp: 339241

Ion Ratio Lower Upper

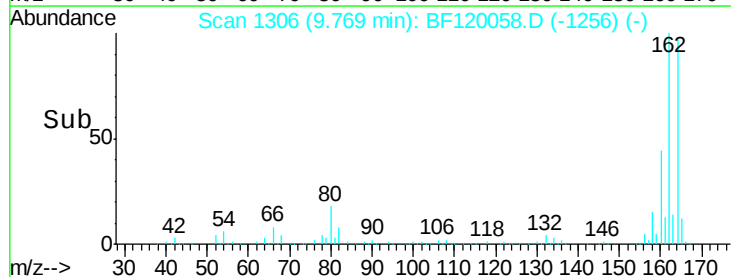
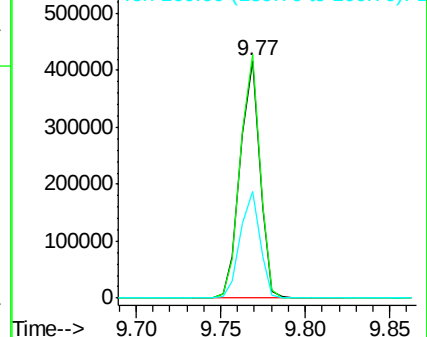
164 100

162 102.5 81.9 122.9

160 44.7 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

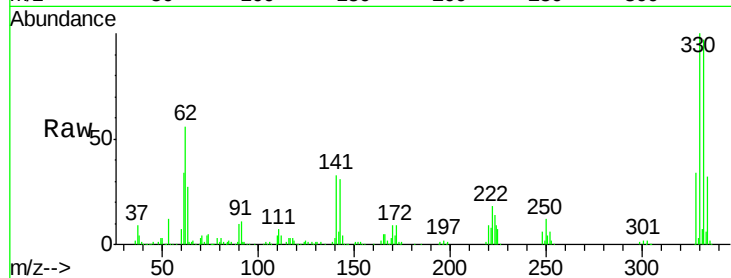




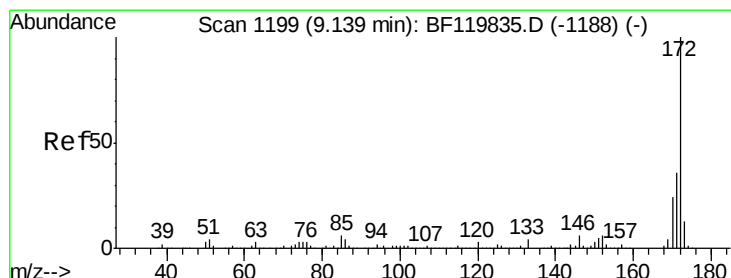
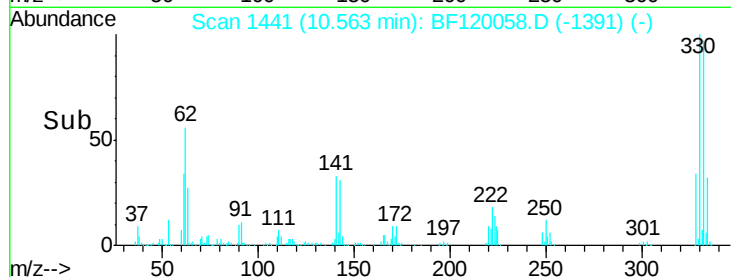
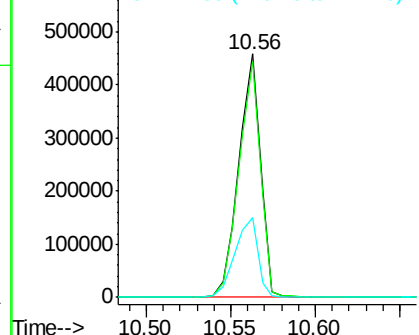
#42
2,4,6-Tribromophenol
Concen: 98.911 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF120058.D
Acq: 17 Apr 2020 14:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:330 Resp: 410825
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 34.3 25.1 37.7

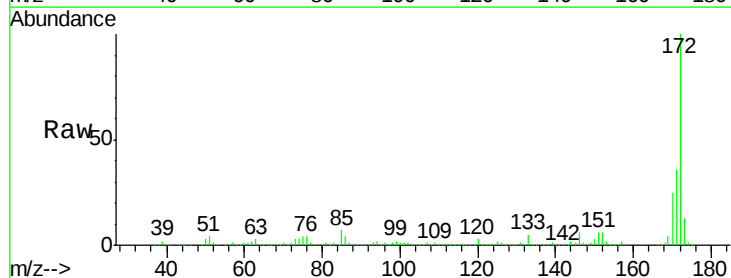


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

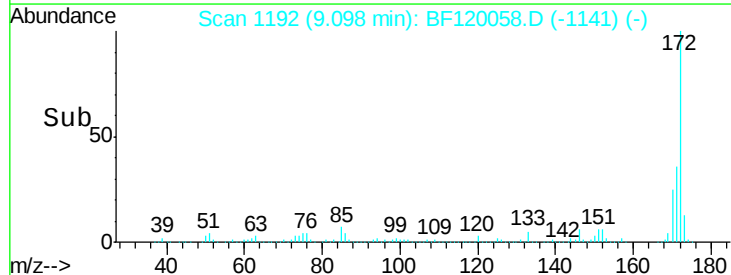
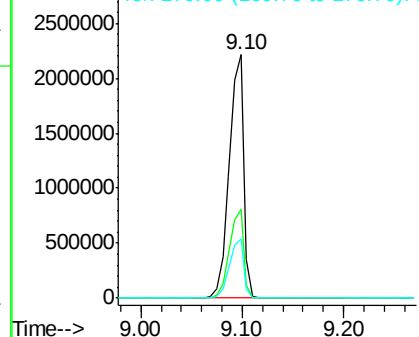


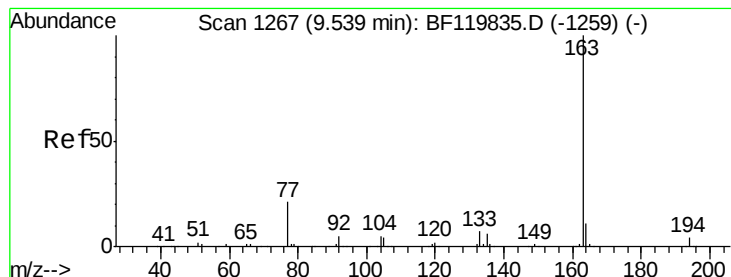
#45
2-Fluorobiphenyl
Concen: 91.296 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF120058.D
Acq: 17 Apr 2020 14:47

Tgt Ion:172 Resp: 2181426
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 24.5 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: 10.490 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF120058.D

Acq: 17 Apr 2020 14:47

Instrument :

BNA_F

ClientSampleId :

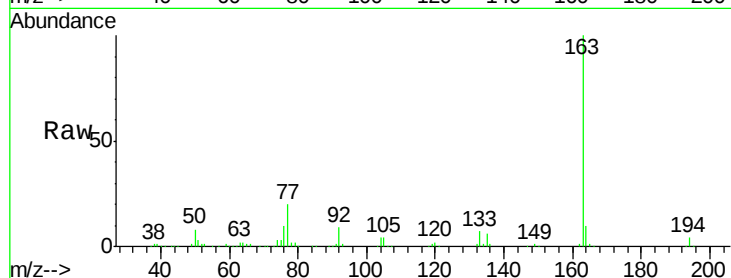
Tot Ion:163 Resp: 275253

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

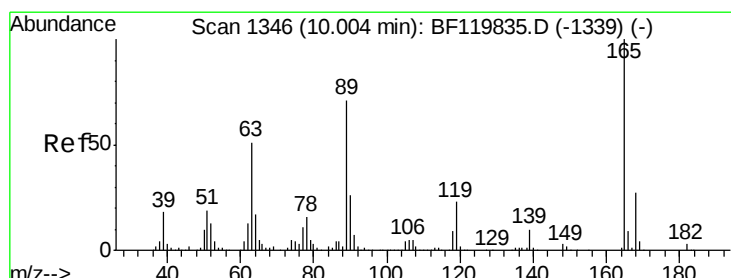
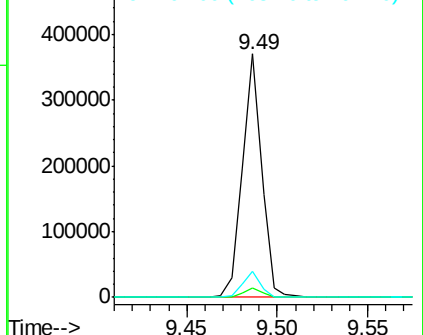
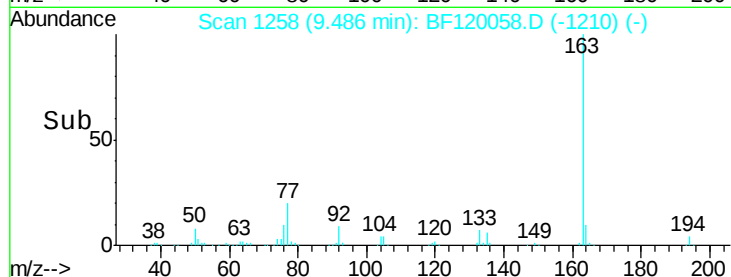
164 10.4 8.4 12.6



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: 5.701 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.20 min

Lab File: BF120058.D

Acq: 17 Apr 2020 14:47

Tgt Ion:165 Resp: 43162

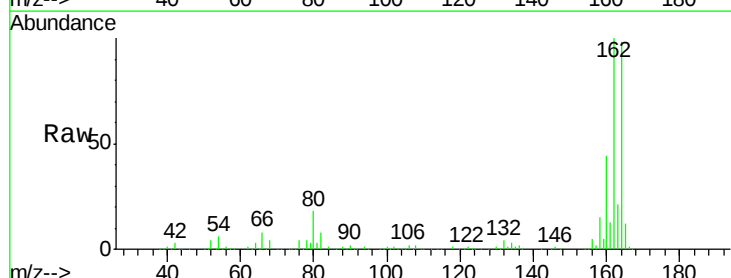
Ion Ratio Lower Upper

165 100

63 0.9 40.8 61.2#

89 1.3 56.9 85.3#

182 0.0 2.0 3.0#

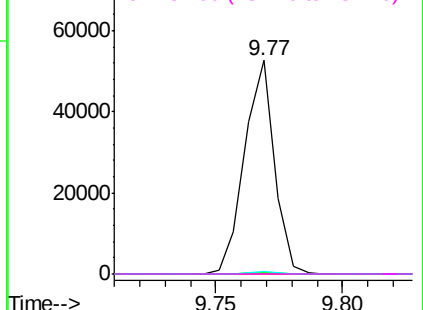
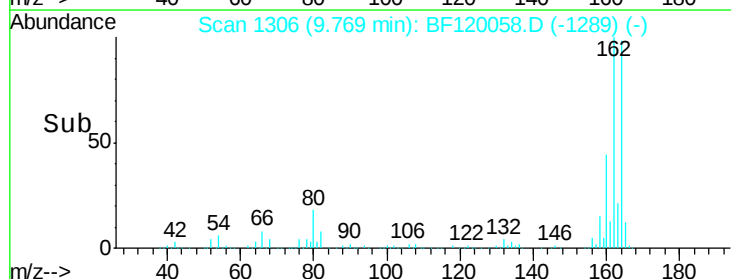


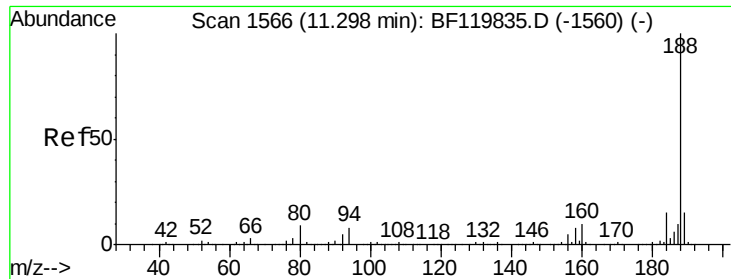
Abundance Ion 165.00 (164.70 to 165.70): E

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

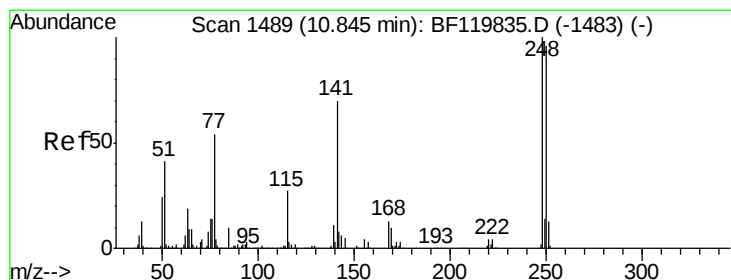
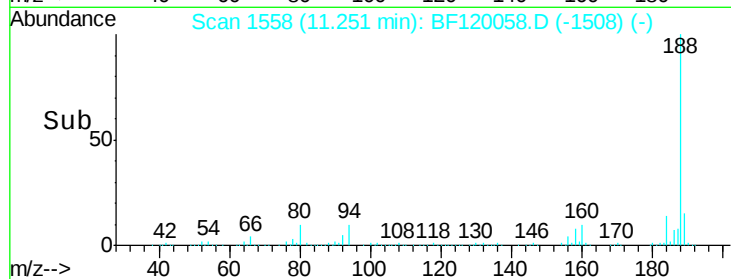
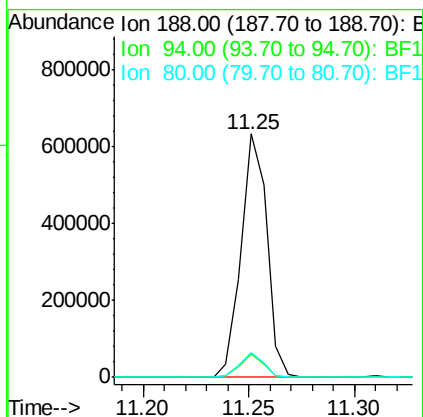
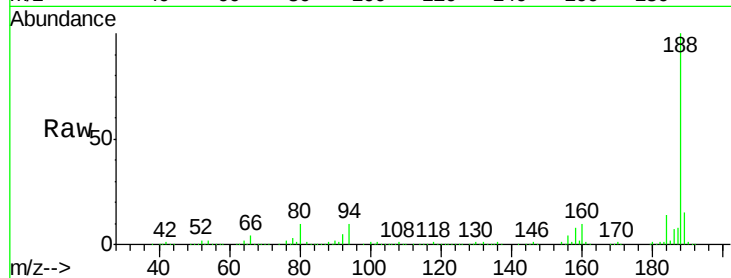




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF120058.D
Acq: 17 Apr 2020 14:47

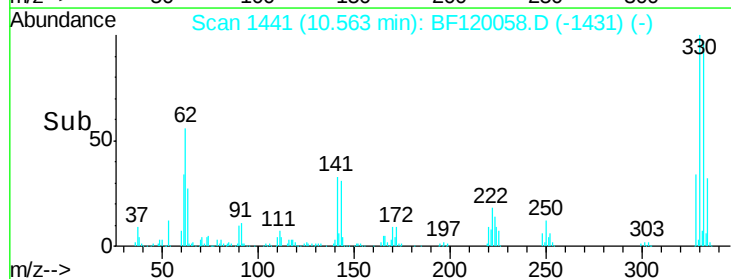
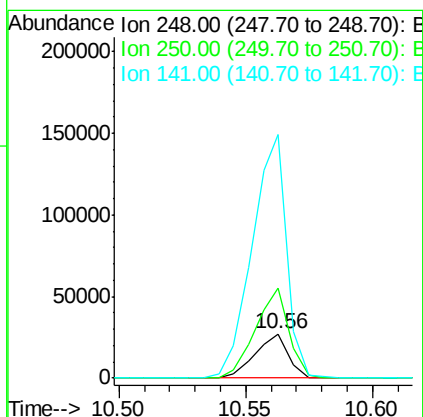
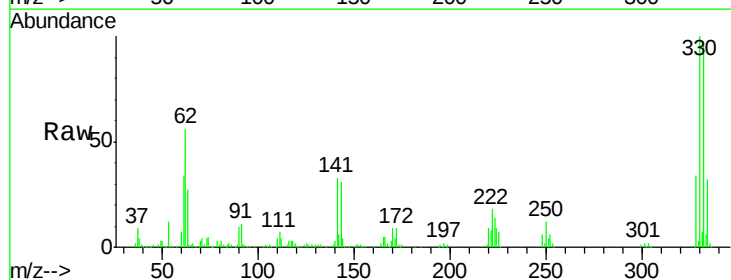
Instrument :
BNA_F
ClientSampleId :

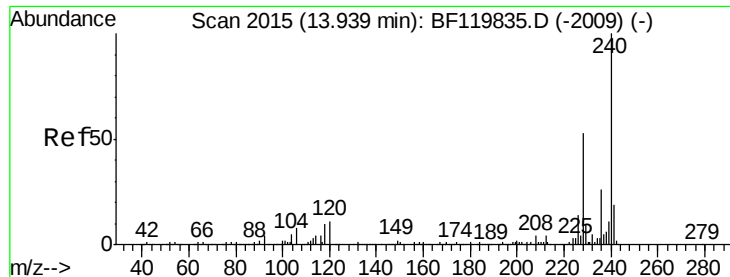
Tot Ion:188 Resp: 535790
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 10.1 7.4 11.2



#67
4-Bromophenyl-phenylether
Concen: 3.664 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.24 min
Lab File: BF120058.D
Acq: 17 Apr 2020 14:47

Tgt Ion:248 Resp: 24413
Ion Ratio Lower Upper
248 100
250 204.0 76.6 114.8#
141 549.8 55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF120058.D

Acq: 17 Apr 2020 14:47

Instrument :

BNA_F

ClientSampleId :

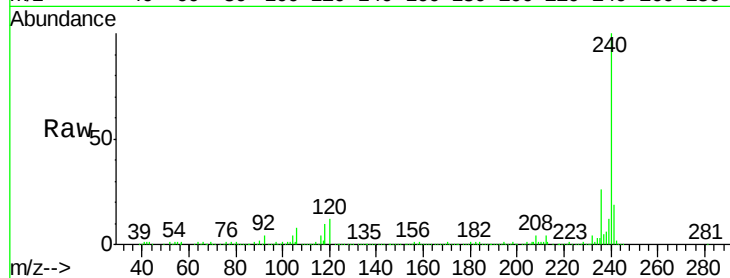
Tot Ion:240 Resp: 329213

Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.6

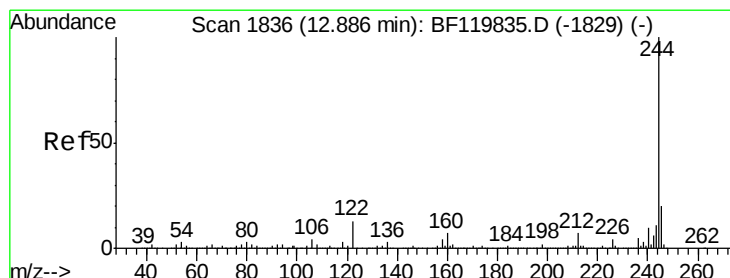
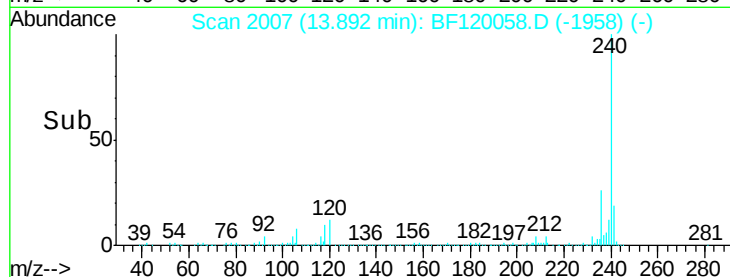
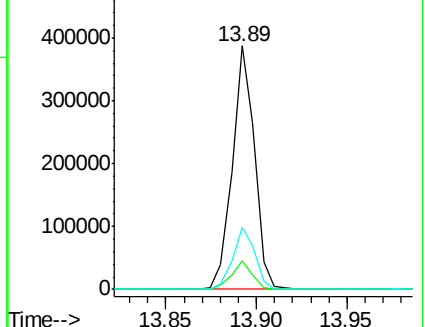
236 25.5 20.7 31.1



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



#79

Terphenyl-d14

Concen: 84.631 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF120058.D

Acq: 17 Apr 2020 14:47

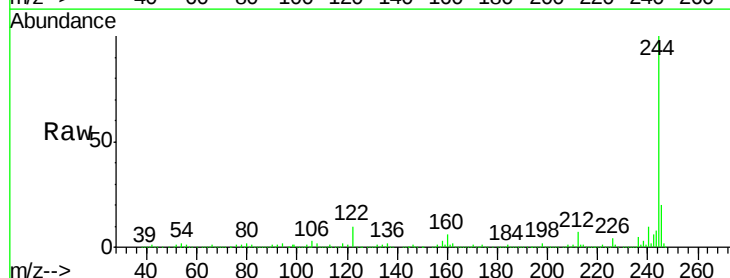
Tgt Ion:244 Resp: 1655808

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

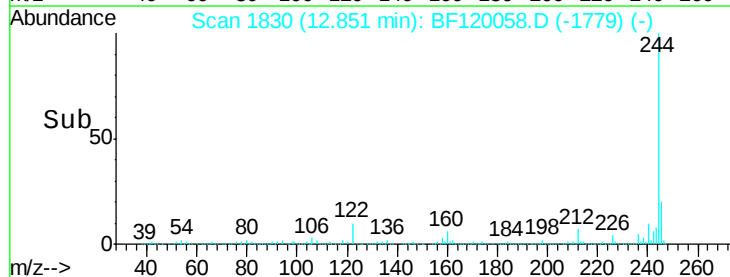
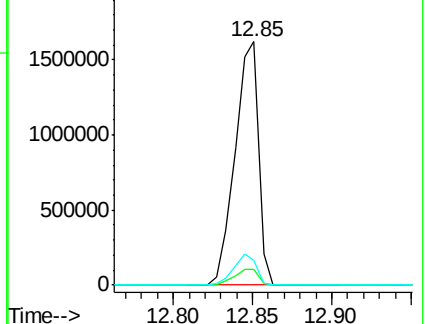
122 10.2 10.3 15.5#

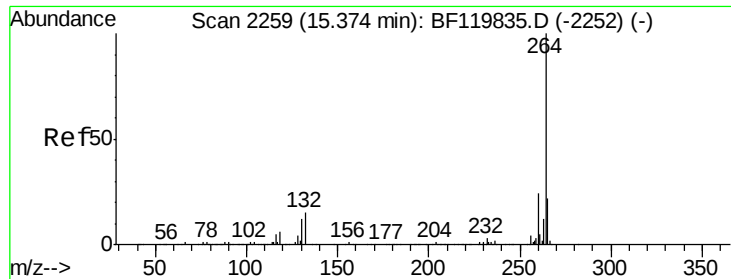


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.32 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BF120058.D
 Acq: 17 Apr 2020 14:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	20.9	17.6	26.4

