

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120067.D
 Acq On : 17 Apr 2020 18:53
 Operator : MA/SJ
 Sample : L2279-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 18 01:37:15 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

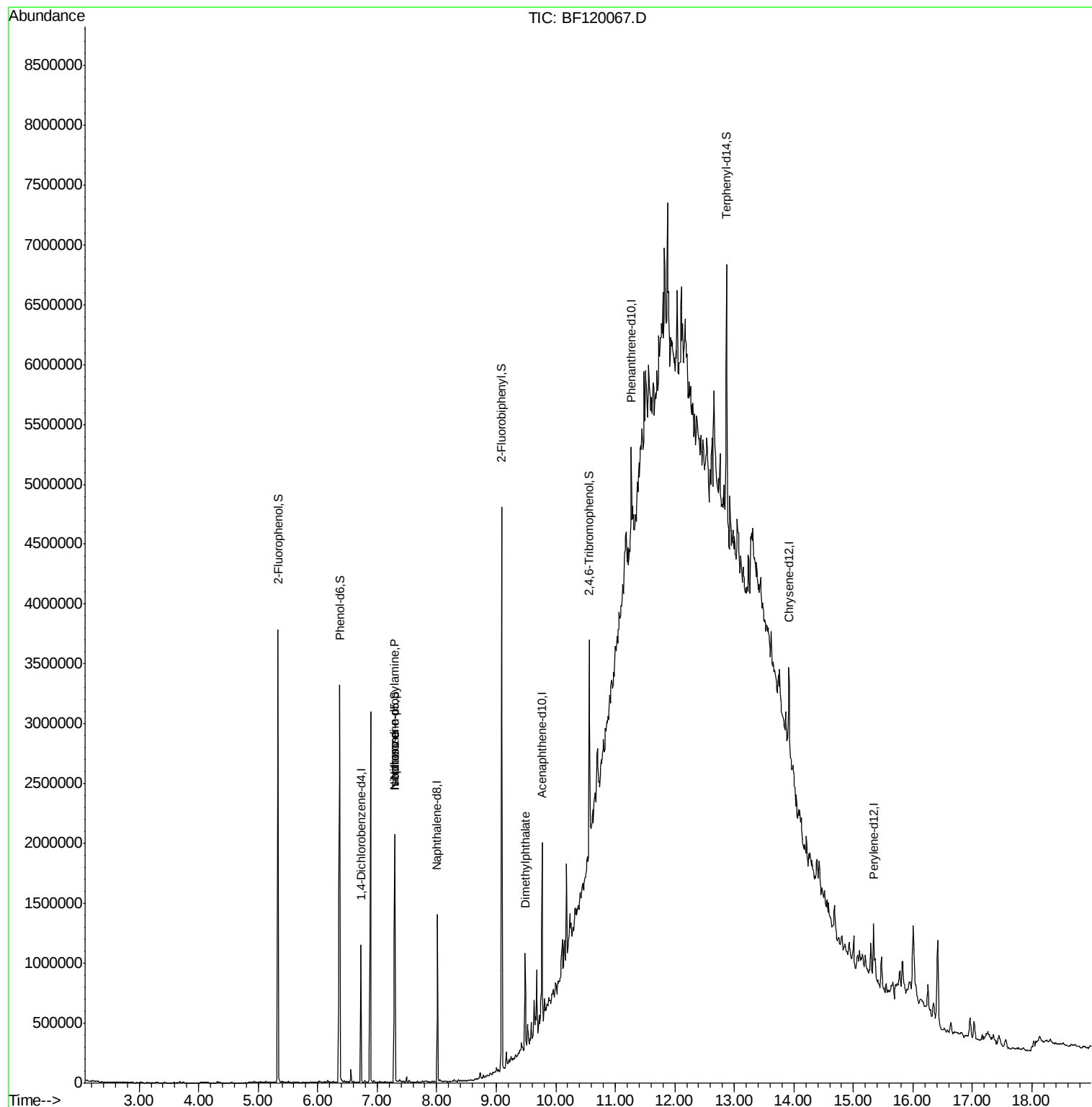
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	157654	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	566333	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	244438	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	311670	20.00	ng	0.01
76) Chrysene-d12	13.92	240	249450	20.00	ng	0.01
87) Perylene-d12	15.34	264	187539	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	991919	108.73	ng	0.00
7) Phenol-d6	6.37	99	1246632	106.05	ng	0.00
23) Nitrobenzene-d5	7.29	82	677635	61.90	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	207512	69.34	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1402033	81.44	ng	0.00
79) Terphenyl-d14	12.87	244	765416	51.63	ng	0.02
Target Compounds						
9) Benzaldehyde	6.27	77	604	Below Cal		90
19) n-Nitroso-di-n-propylamine	7.29	70	90238	11.938 ng	#	79
25) Isophorone	7.29	82	670170	31.757 ng	#	65
50) Dimethylphthalate	9.49	163	270662	14.315 ng		99

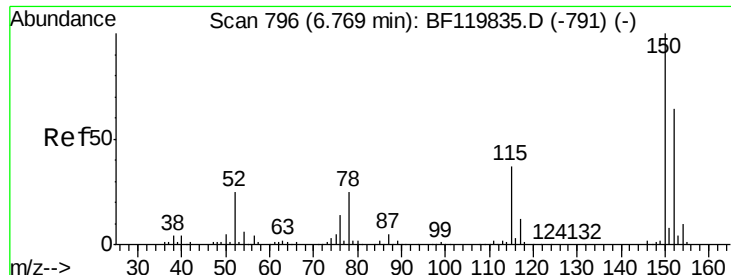
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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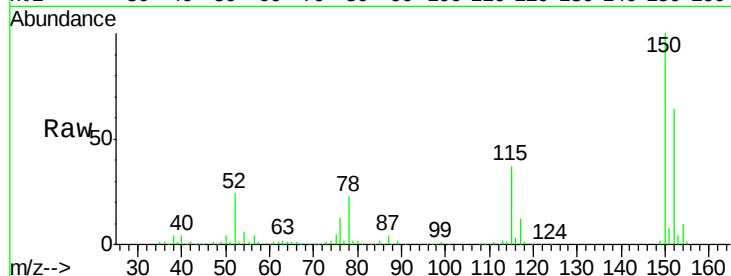


#1

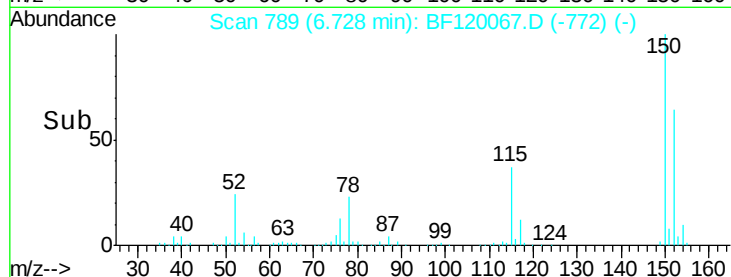
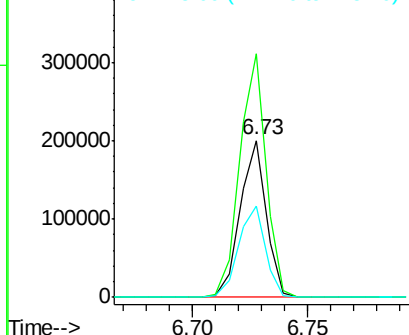
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF120067.D
Acq: 17 Apr 2020 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.8	187.2
115	58.1	46.5	69.7



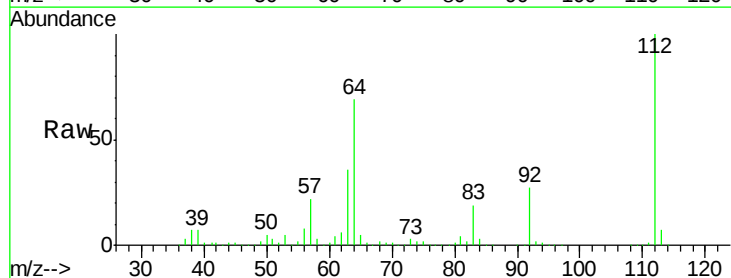
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



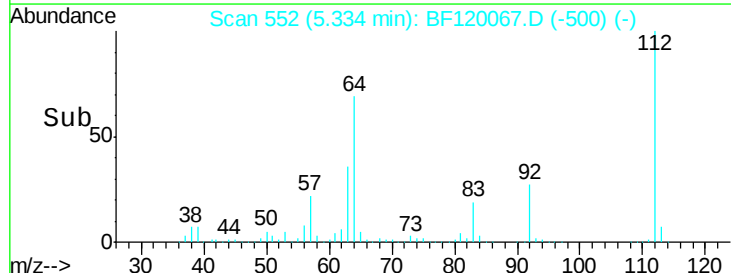
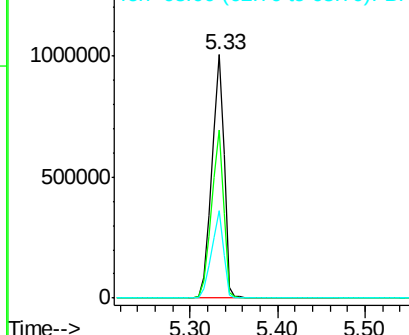
#5

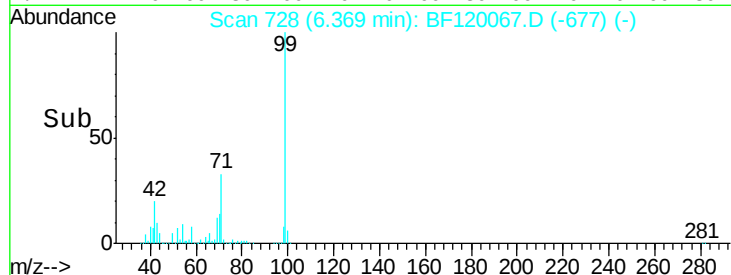
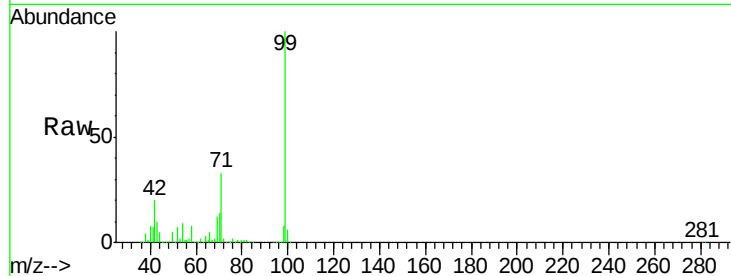
2-Fluorophenol
Concen: 108.733 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF120067.D
Acq: 17 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	55.5	83.3
63	35.8	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: 106.053 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF120067.D

Acq: 17 Apr 2020 18:53

Instrument :

BNA_F

ClientSampleId :

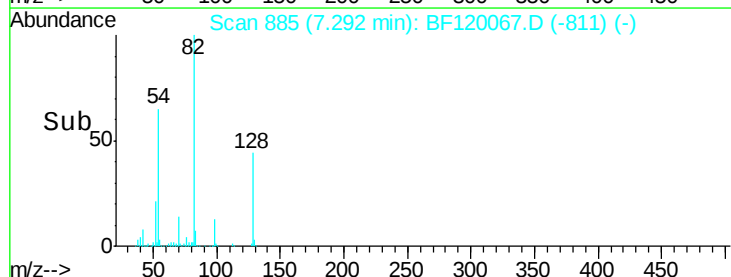
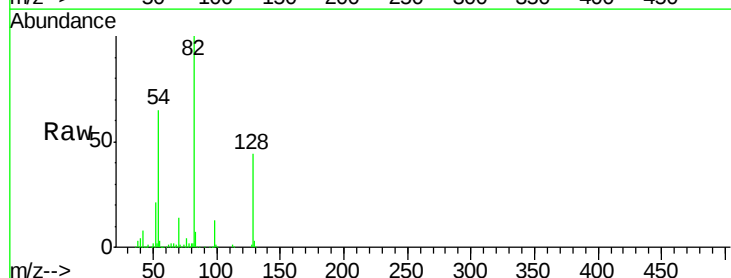
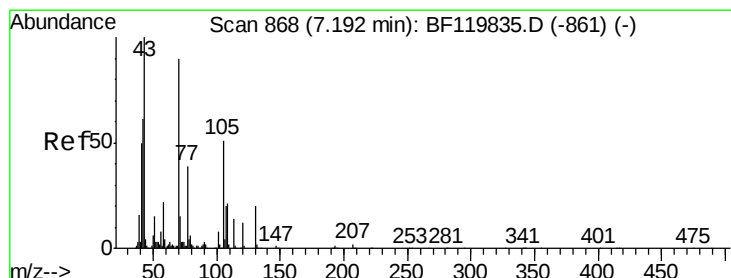
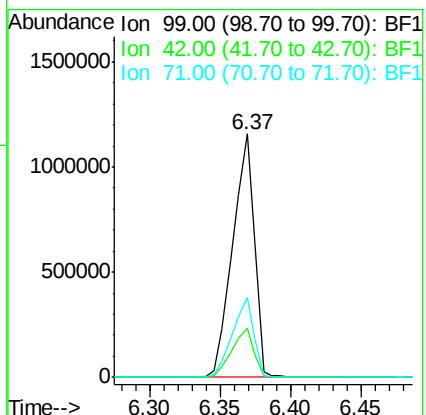
Tot Ion: 99 Resp: 1246632

Ion Ratio Lower Upper

99 100

42 20.2 16.9 25.3

71 32.6 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 11.938 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF120067.D

Acq: 17 Apr 2020 18:53

Tgt Ion: 70 Resp: 90238

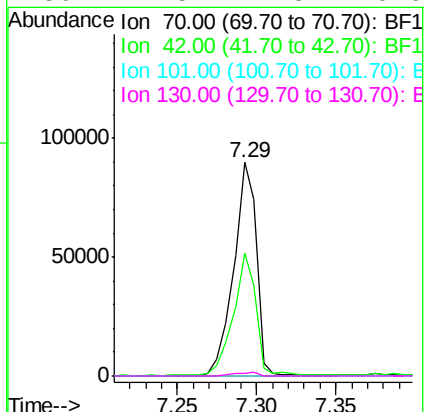
Ion Ratio Lower Upper

70 100

42 57.6 54.2 81.4

101 0.0 7.4 11.2#

130 1.5 17.8 26.6#

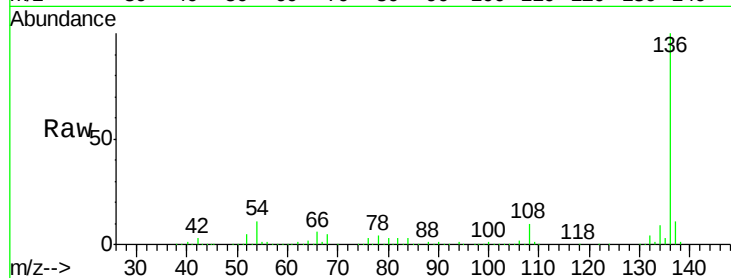




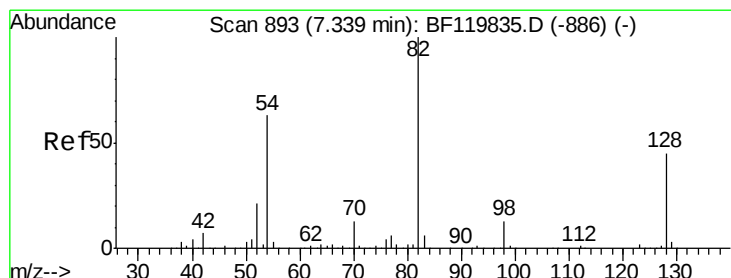
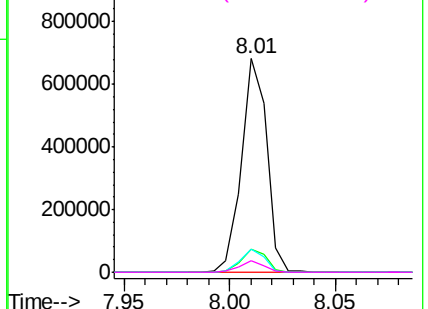
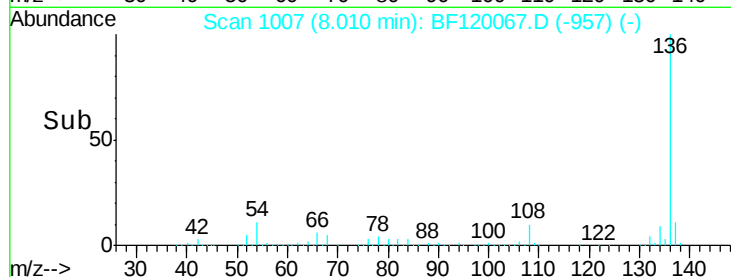
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120067.D
Acq: 17 Apr 2020 18:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 566333
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 11.0 8.5 12.7
68 5.2 3.9 5.9

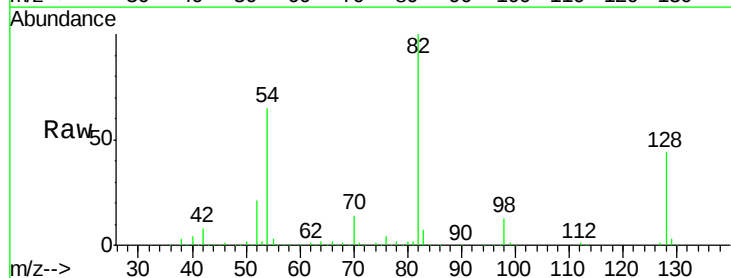


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

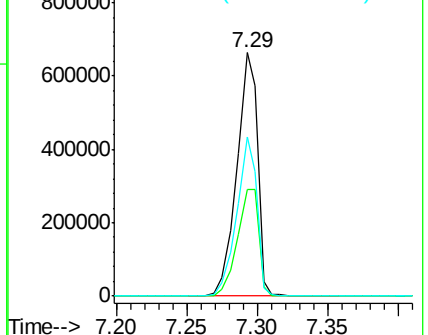
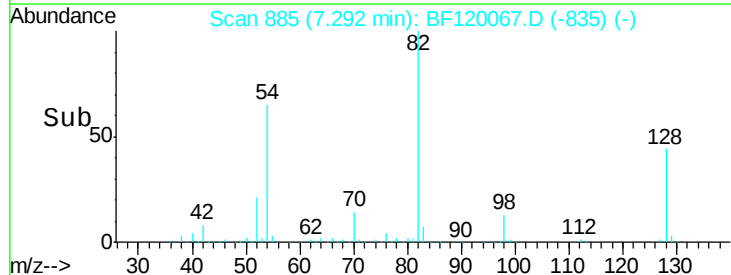


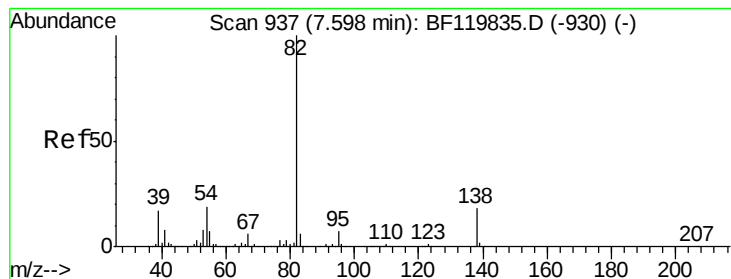
#23
Nitrobenzene-d5
Concen: 61.901 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120067.D
Acq: 17 Apr 2020 18:53

Tgt Ion: 82 Resp: 677635
Ion Ratio Lower Upper
82 100
128 43.5 36.2 54.4
54 65.4 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: 31.757 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF120067.D

Acq: 17 Apr 2020 18:53

Instrument :

BNA_F

ClientSampleId :

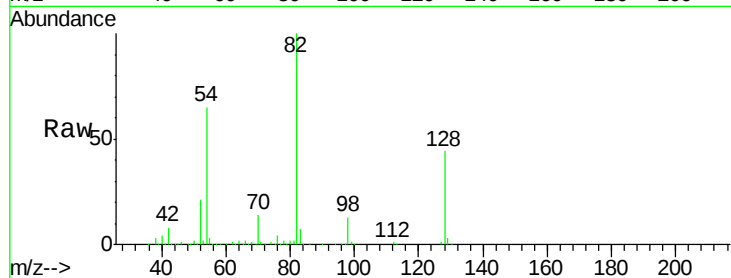
Tot Ion: 82 Resp: 670170

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

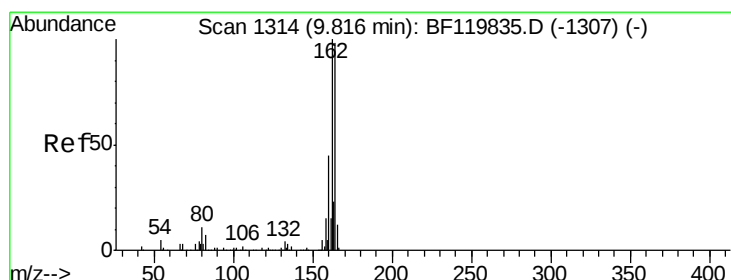
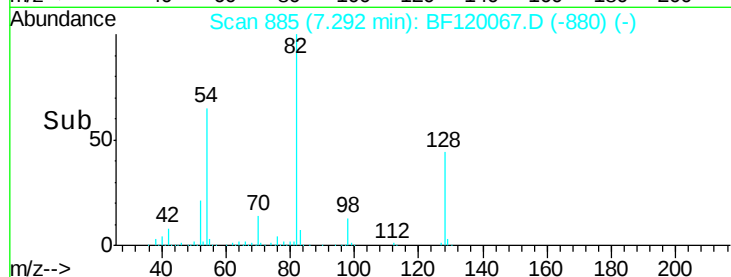
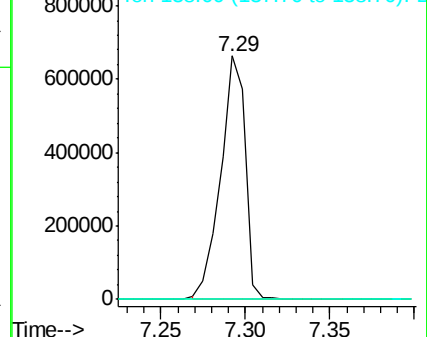
138 0.0 14.5 21.7#



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: BF120067.D

Acq: 17 Apr 2020 18:53

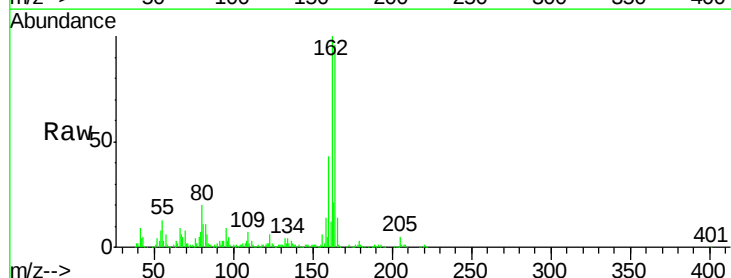
Tgt Ion:164 Resp: 244438

Ion Ratio Lower Upper

164 100

162 104.4 81.9 122.9

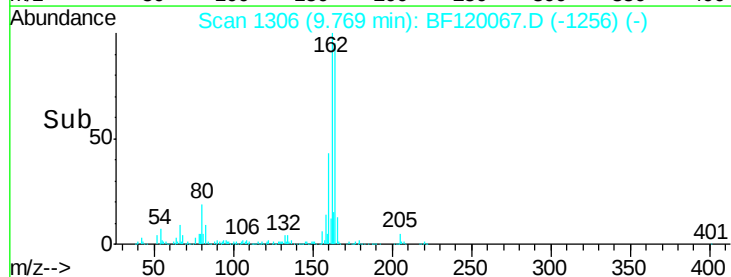
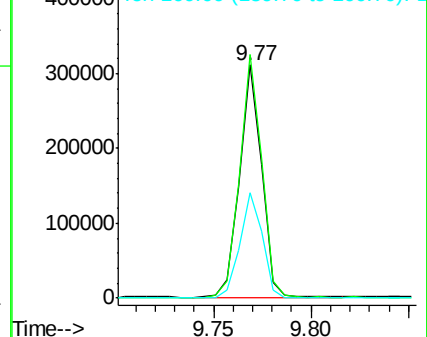
160 45.3 36.6 54.8

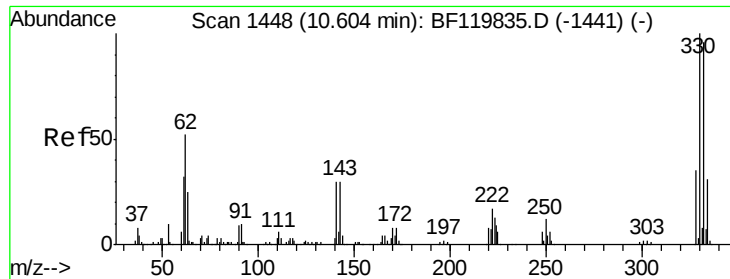


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

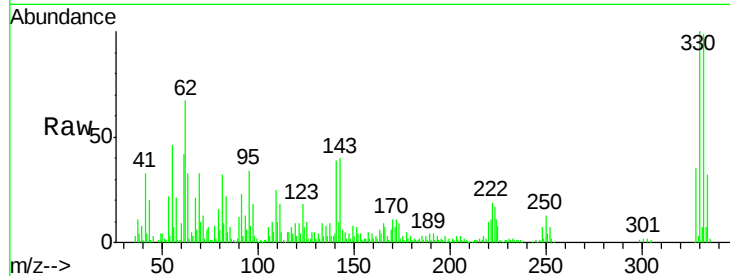




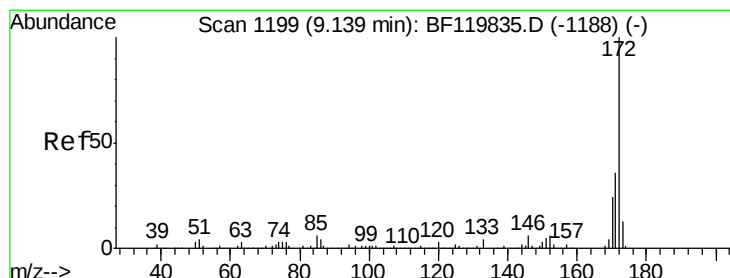
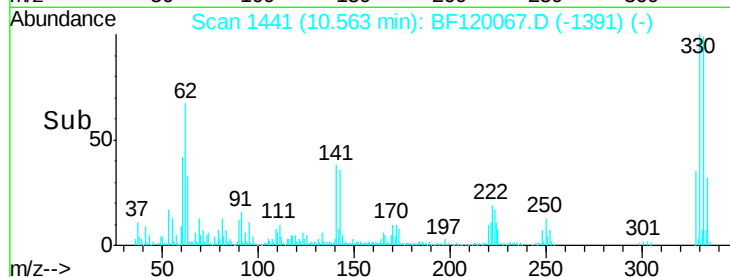
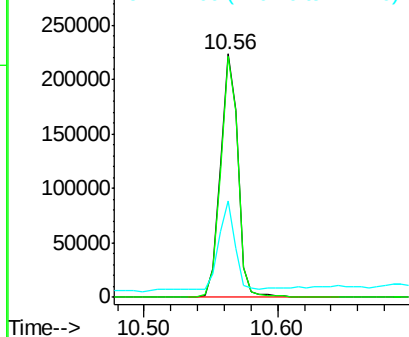
#42
 2,4,6-Tribromophenol
 Concen: 69.338 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF120067.D
 Acq: 17 Apr 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.8	115.2
141	37.6	25.1	37.7

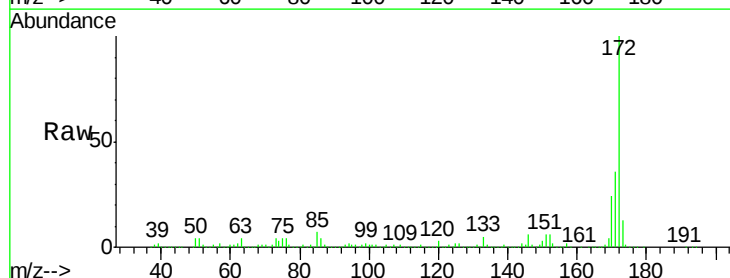


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

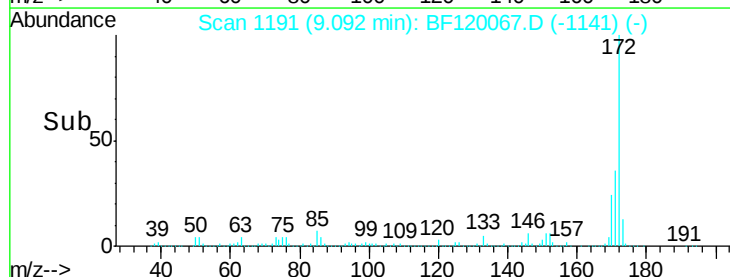
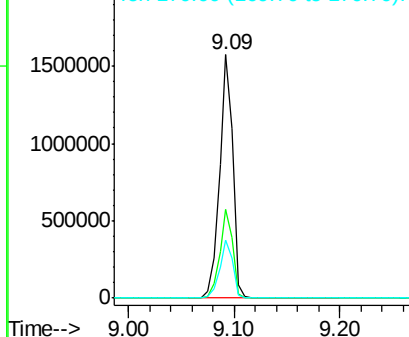


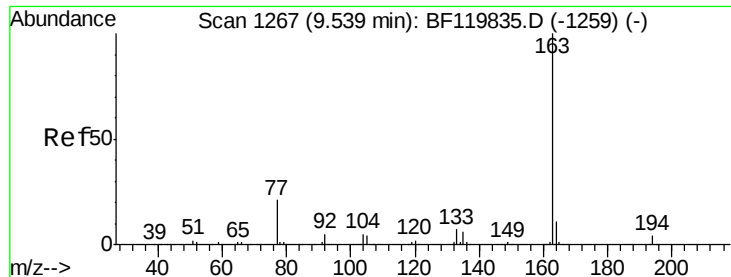
#45
 2-Fluorobiphenyl
 Concen: 81.435 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF120067.D
 Acq: 17 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	23.7	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

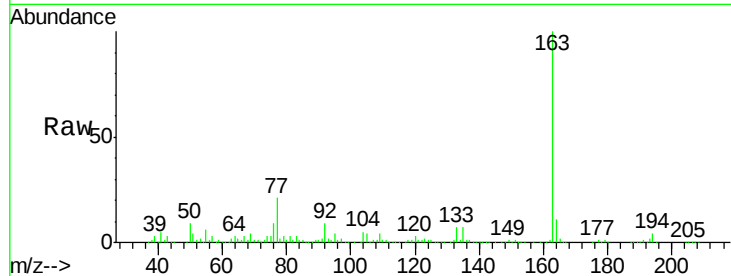




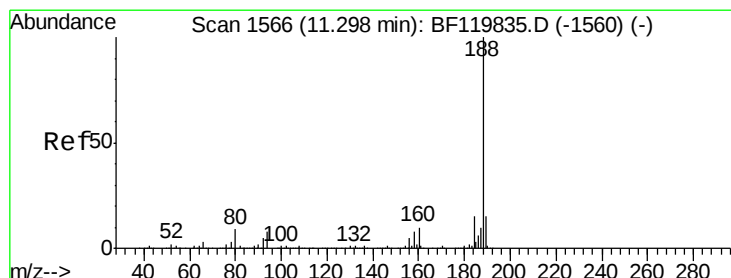
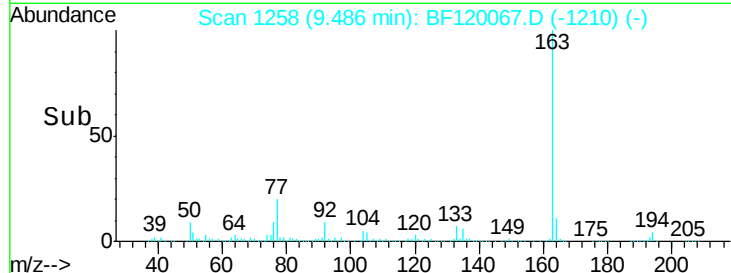
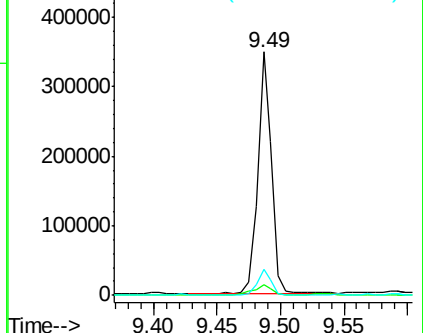
#50
Dimethylphthalate
Concen: 14.315 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BF120067.D
Acq: 17 Apr 2020 18:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.4
164	10.6	8.4	12.6

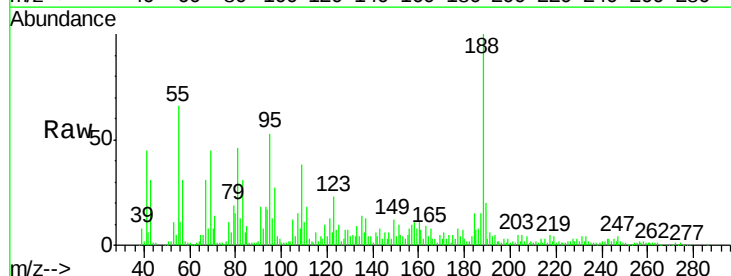


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

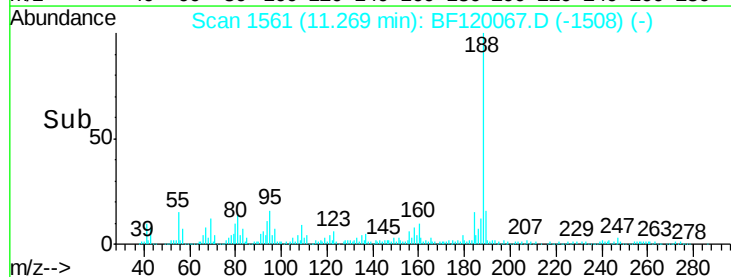
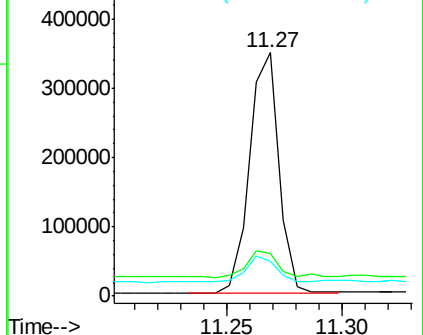


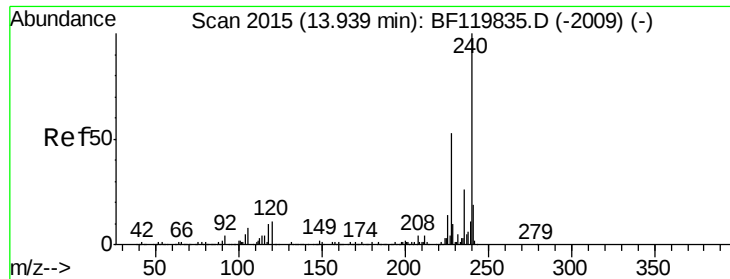
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF120067.D
Acq: 17 Apr 2020 18:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	17.3	6.7	10.1#
80	14.5	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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF120067.D

Acq: 17 Apr 2020 18:53

Instrument :

BNA_F

ClientSampleId :

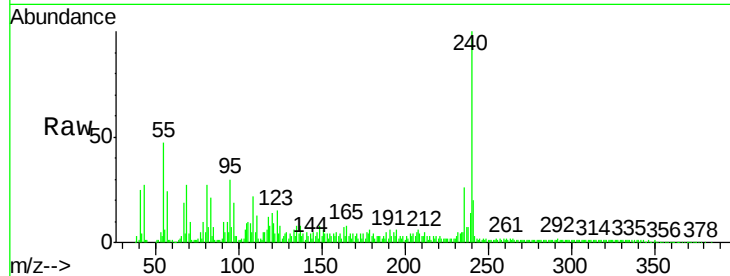
Tot Ion:240 Resp: 249450

Ion Ratio Lower Upper

240 100

120 14.4 9.0 13.6#

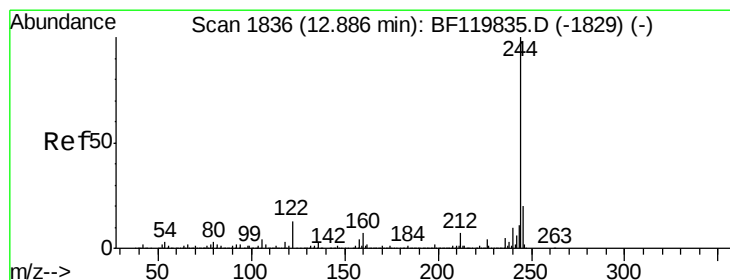
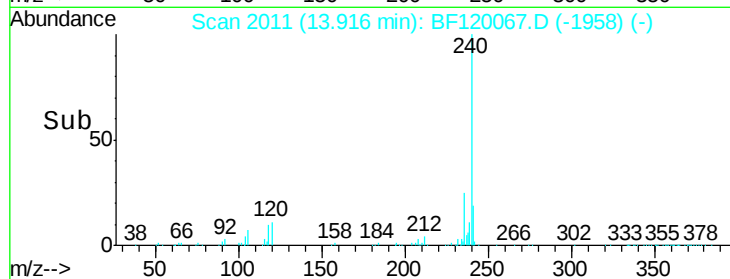
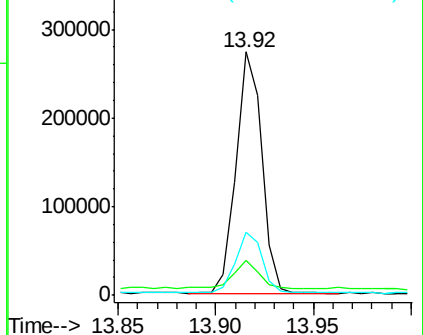
236 26.0 20.7 31.1



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: 51.631 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.02 min

Lab File: BF120067.D

Acq: 17 Apr 2020 18:53

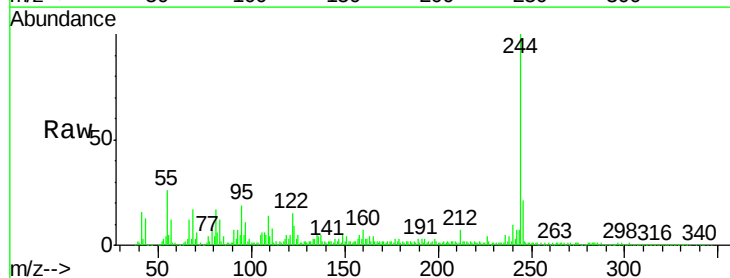
Tgt Ion:244 Resp: 765416

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

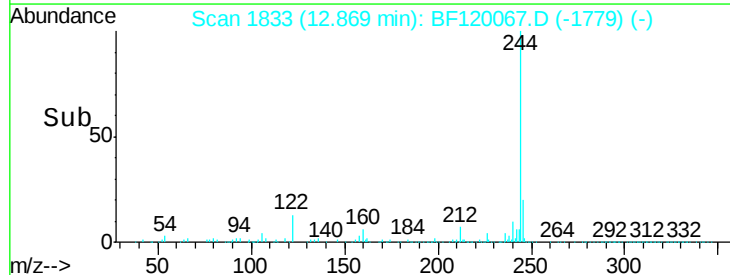
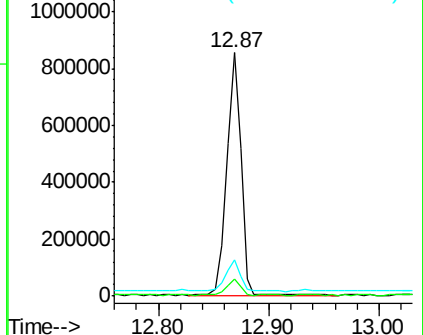
122 15.0 10.3 15.5

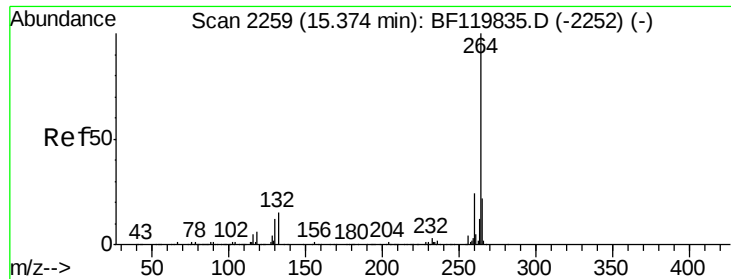


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

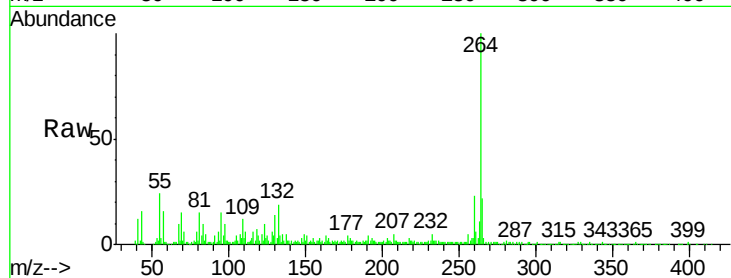




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: BF120067.D
 Acq: 17 Apr 2020 18:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.4	19.3	28.9	
265	22.4	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

