

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041320\
 Data File : BF119918.D
 Acq On : 13 Apr 2020 16:07
 Operator : MA/SJ
 Sample : L2224-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Quant Time: Apr 13 17:30:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

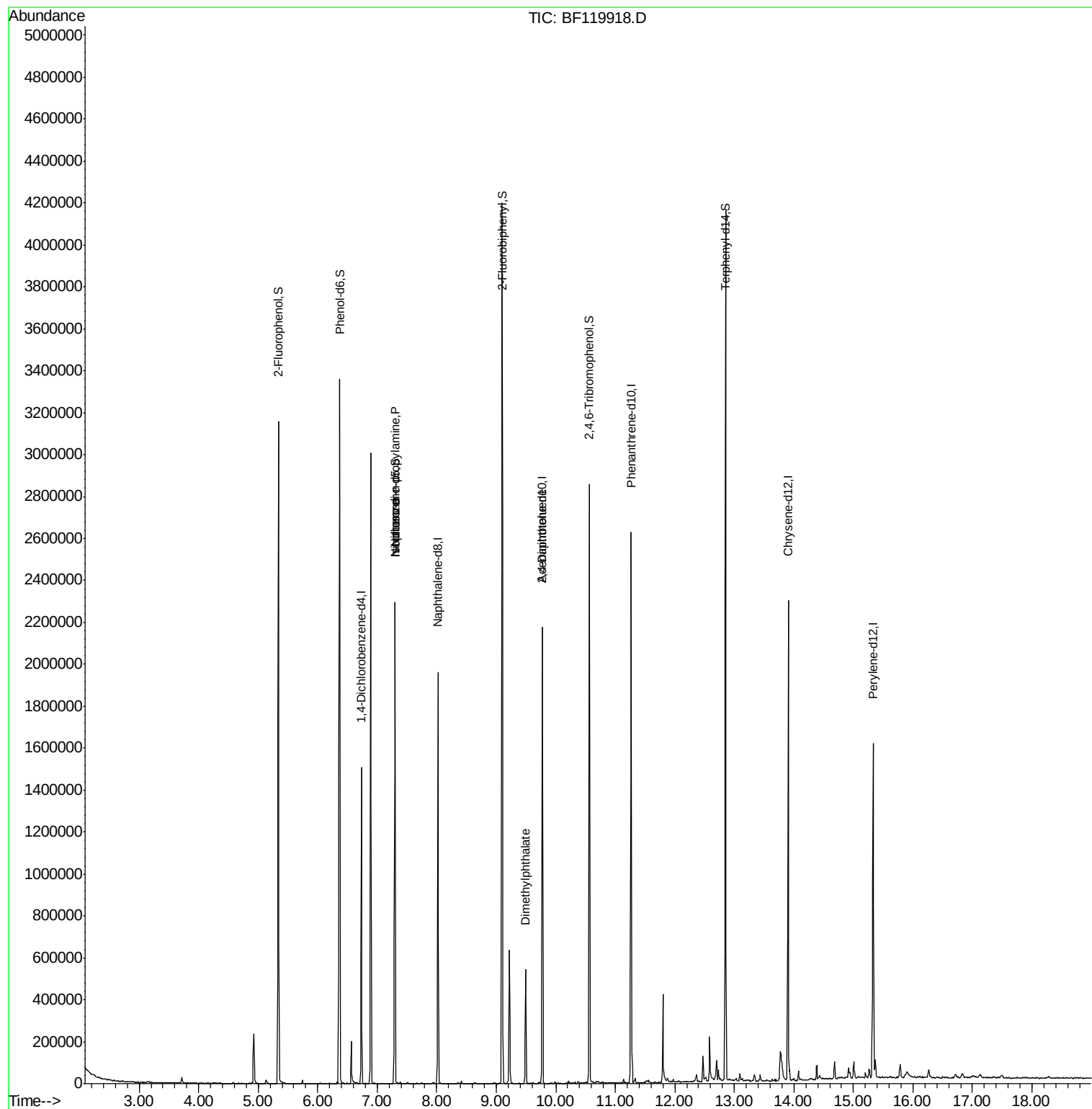
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	222859	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	850019	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	455602	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	899287	20.00	ng	0.00
76) Chrysene-d12	13.90	240	750190	20.00	ng	0.00
87) Perylene-d12	15.33	264	736393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	884152	68.56	ng	0.00
7) Phenol-d6	6.37	99	1121614	67.50	ng	-0.01
23) Nitrobenzene-d5	7.30	82	693777	42.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	353790	63.42	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1299775	40.50	ng	-0.01
79) Terphenyl-d14	12.85	244	1581103	35.46	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.37	77	1524	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.30	70	89104	8.339	ng	# 75
25) Isophorone	7.30	82	690934	21.814	ng	# 65
50) Dimethylphthalate	9.49	163	210817	5.982	ng	# 99
57) 2,4-Dinitrotoluene	9.77	165	58487	5.752	ng	# 23

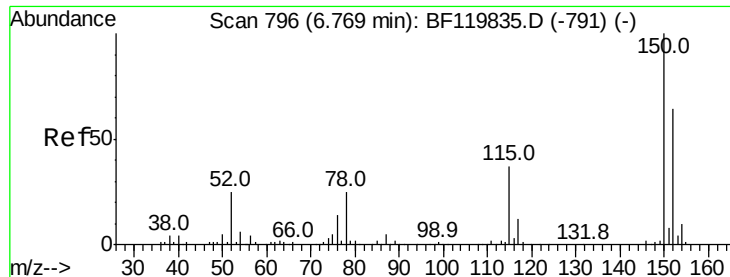
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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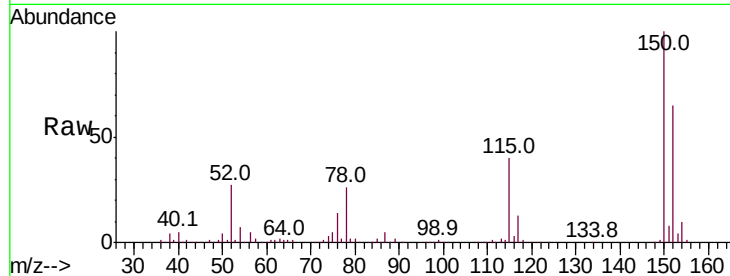


#1

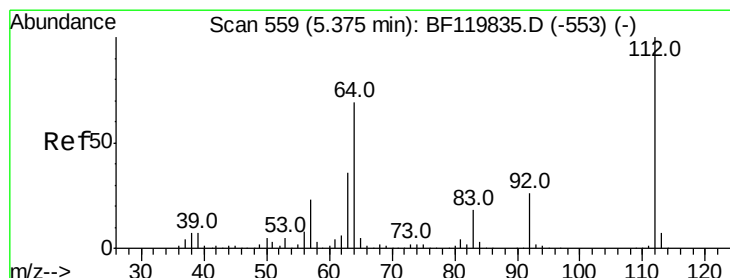
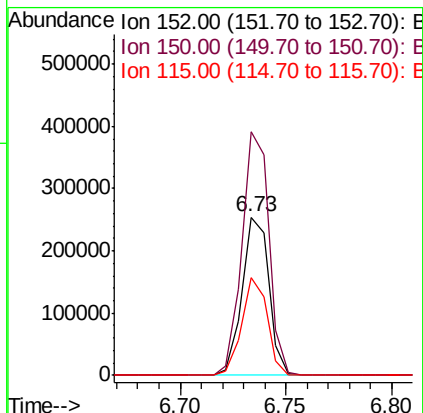
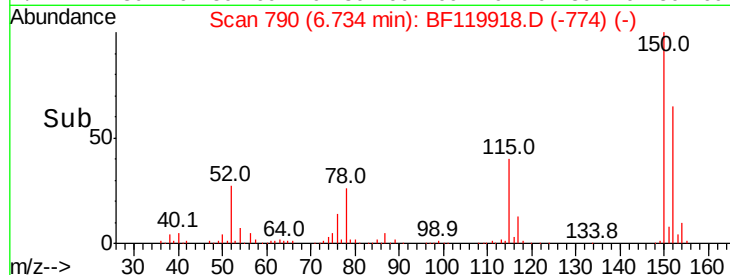
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119918.D
Acq: 13 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
TP-10

Tot Ion:152 Resp: 222859
Ion Ratio Lower Upper
152 100
150 153.7 124.8 187.2
115 61.9 46.5 69.7



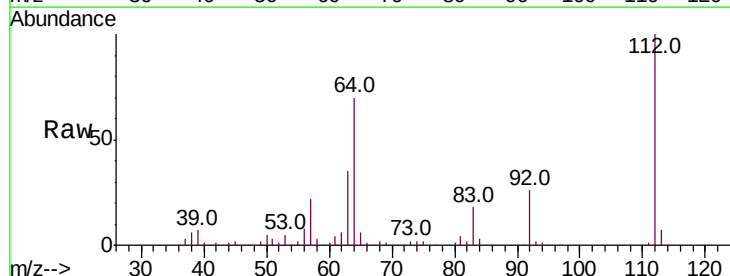
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



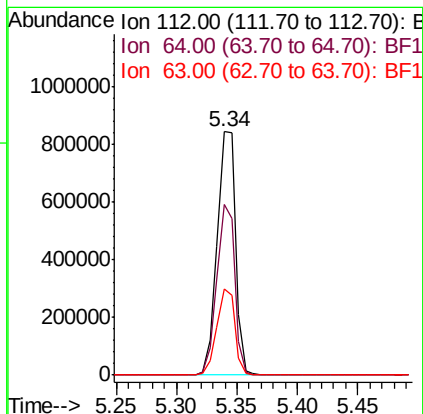
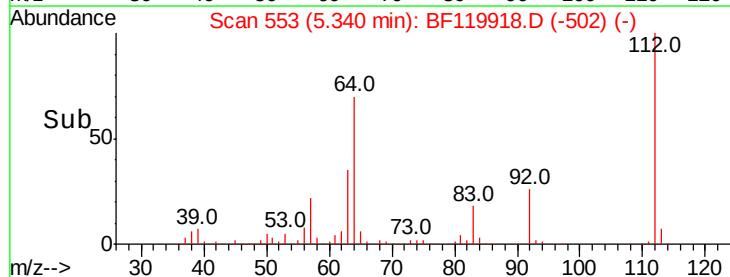
#5

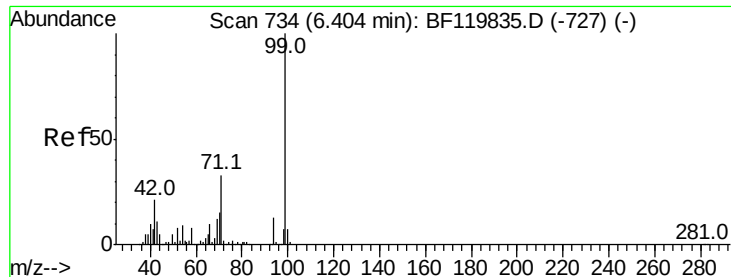
2-Fluorophenol
Concen: 68.562 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF119918.D
Acq: 13 Apr 2020 16:07

Tgt Ion:112 Resp: 884152
Ion Ratio Lower Upper
112 100
64 69.8 55.5 83.3
63 35.4 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: 67.500 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119918.D

Acq: 13 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

TP-10

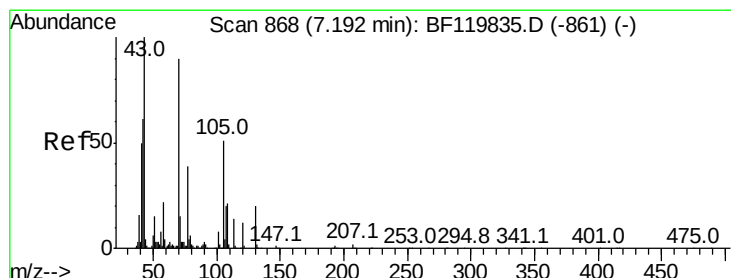
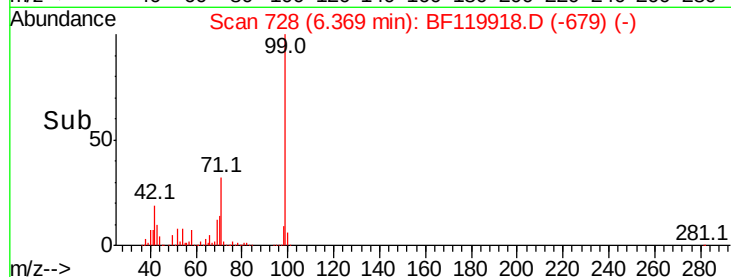
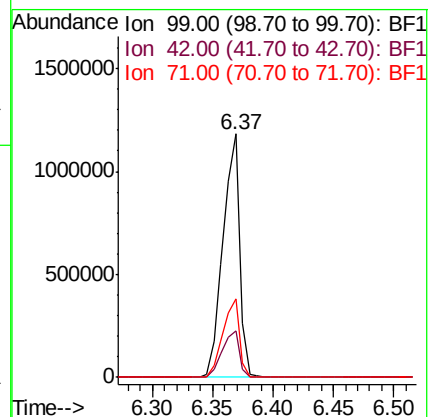
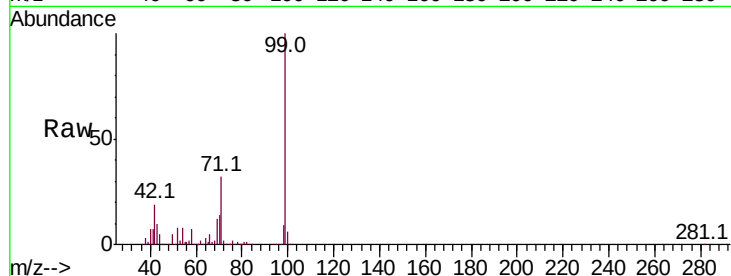
Tot Ion: 99 Resp: 1121614

Ion Ratio Lower Upper

99 100

42 19.1 16.9 25.3

71 32.3 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 8.339 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.14 min

Lab File: BF119918.D

Acq: 13 Apr 2020 16:07

Tgt Ion: 70 Resp: 89104

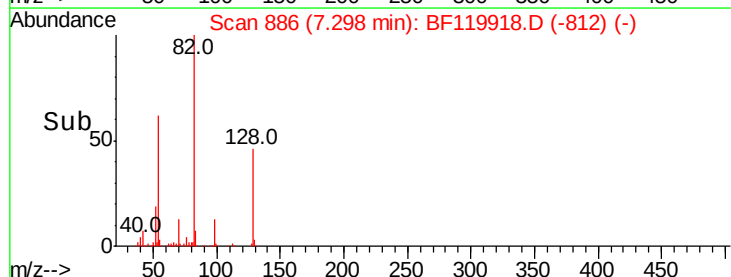
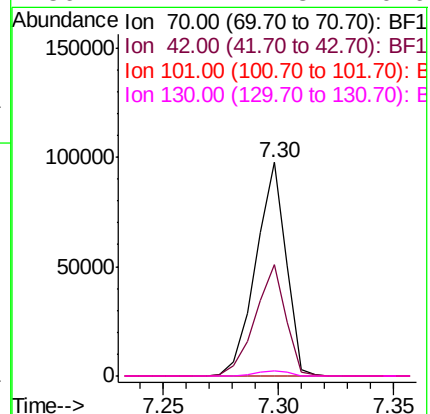
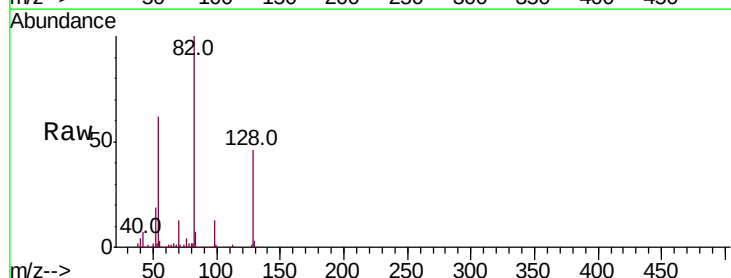
Ion Ratio Lower Upper

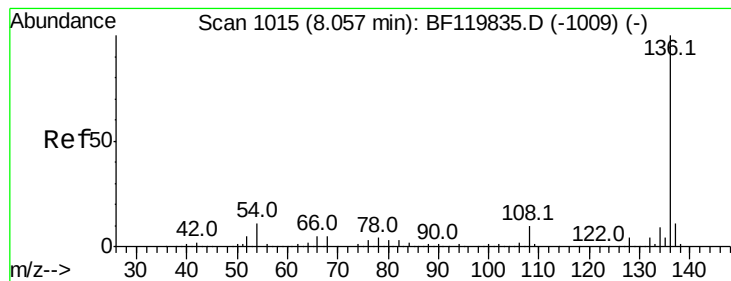
70 100

42 51.9 54.2 81.4#

101 0.0 7.4 11.2#

130 2.4 17.8 26.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119918.D

Acq: 13 Apr 2020 16:07

Instrument :

BNA_F

ClientSampled :

TP-10

Tot Ion:136 Resp: 850019

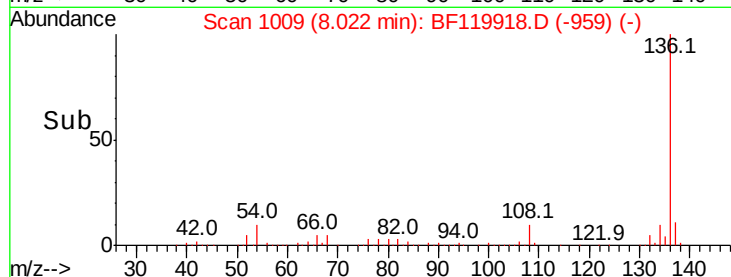
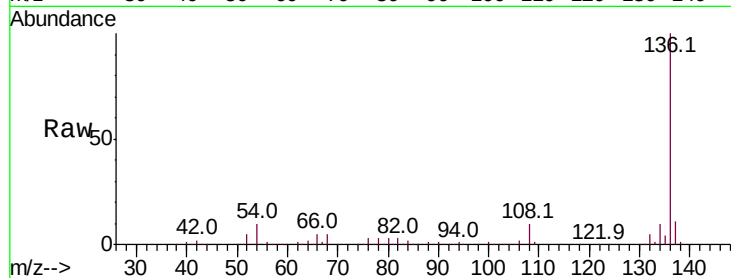
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.0 8.5 12.7

68 5.5 3.9 5.9



Abundance Ion 136.00 (135.70 to 136.70): E

1500000 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

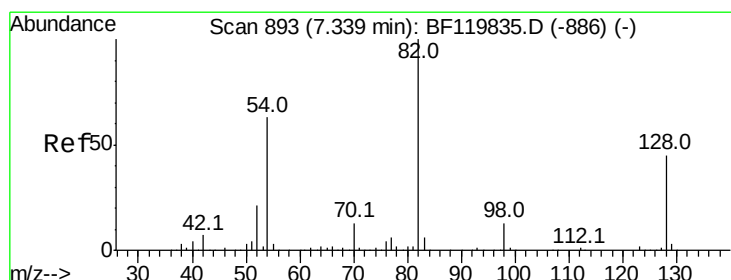
1000000

8.02

500000

0

Time-->



#23

Nitrobenzene-d5

Concen: 42.224 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF119918.D

Acq: 13 Apr 2020 16:07

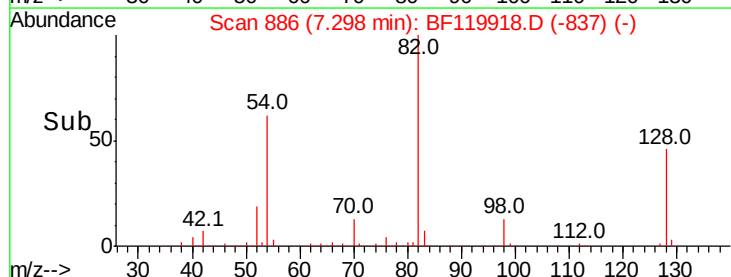
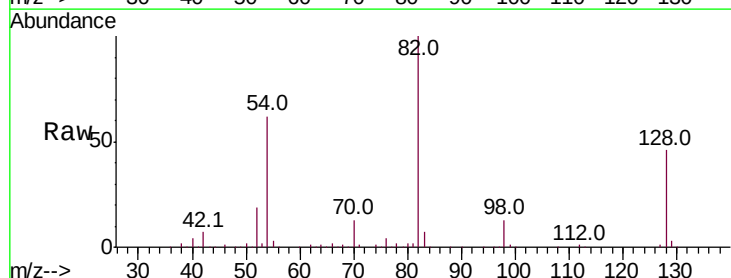
Tgt Ion: 82 Resp: 693777

Ion Ratio Lower Upper

82 100

128 46.2 36.2 54.4

54 62.3 50.4 75.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

1000000 Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

800000

7.30

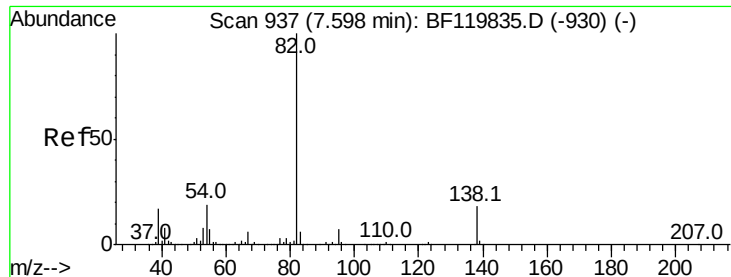
600000

400000

200000

0

Time-->



#25

Isophorone

Concen: 21.814 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF119918.D

Acq: 13 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

TP-10

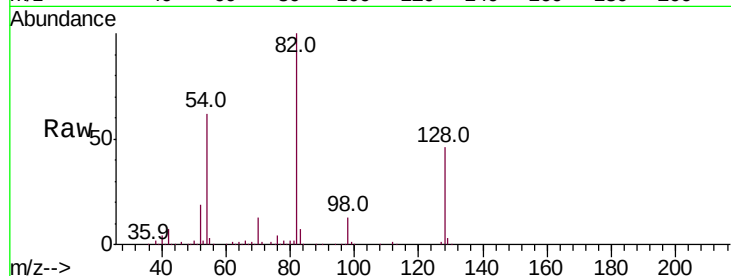
Tot Ion: 82 Resp: 690934

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

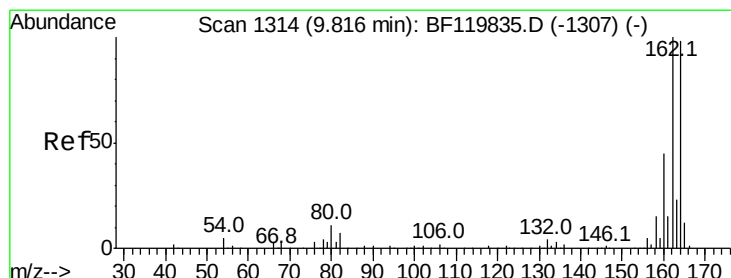
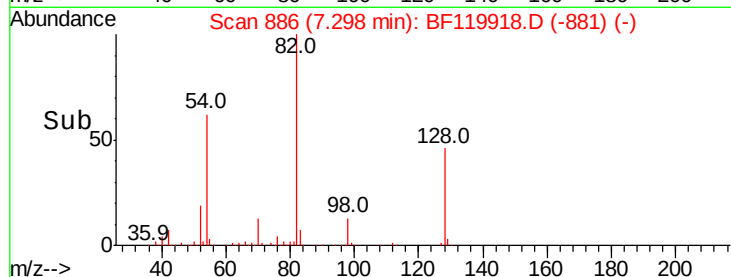
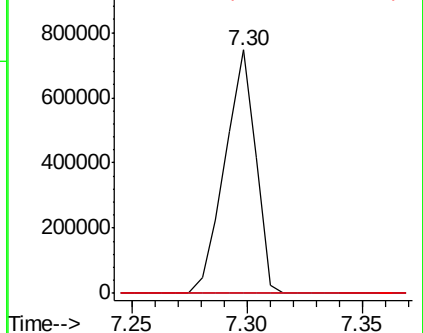
138 0.0 14.5 21.7#



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# 1307

Delta R.T. -0.01 min

Lab File: BF119918.D

Acq: 13 Apr 2020 16:07

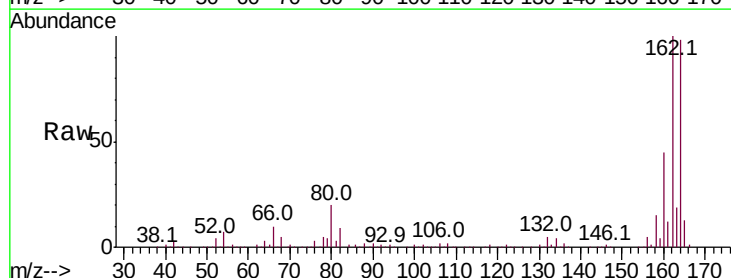
Tgt Ion:164 Resp: 455602

Ion Ratio Lower Upper

164 100

162 102.0 81.9 122.9

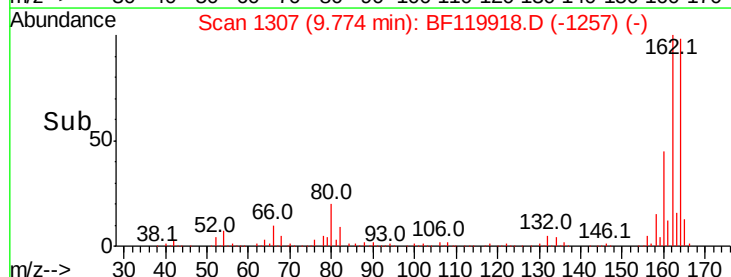
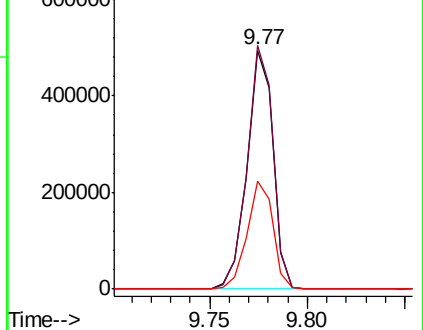
160 45.5 36.6 54.8

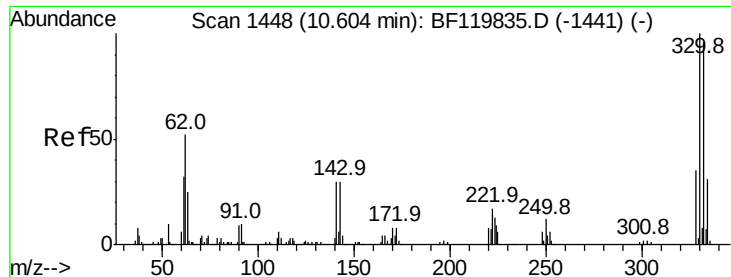


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 63.425 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF119918.D

Acq: 13 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

TP-10

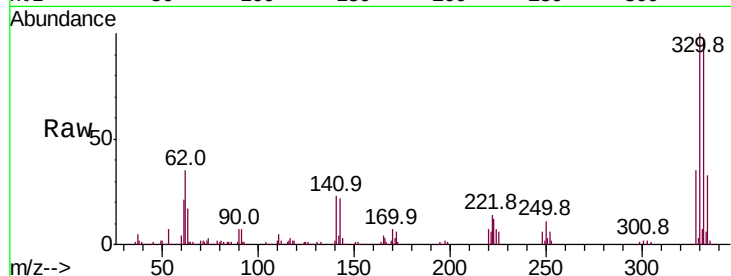
Tot Ion:330 Resp: 353790

Ion Ratio Lower Upper

330 100

332 95.3 76.8 115.2

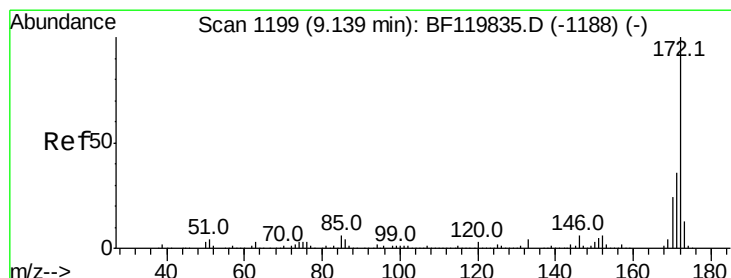
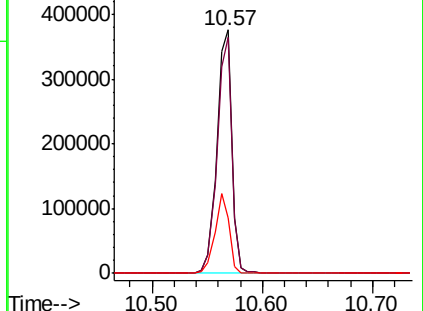
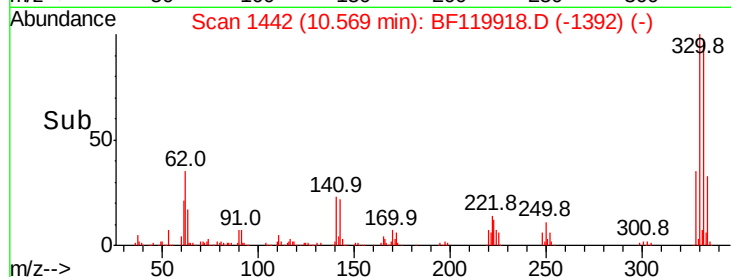
141 30.7 25.1 37.7



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: 40.505 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF119918.D

Acq: 13 Apr 2020 16:07

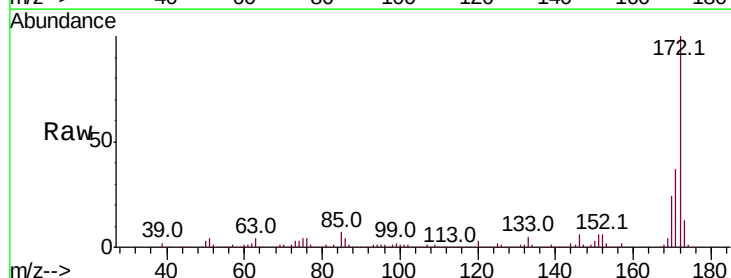
Tgt Ion:172 Resp: 1299775

Ion Ratio Lower Upper

172 100

171 36.5 28.9 43.3

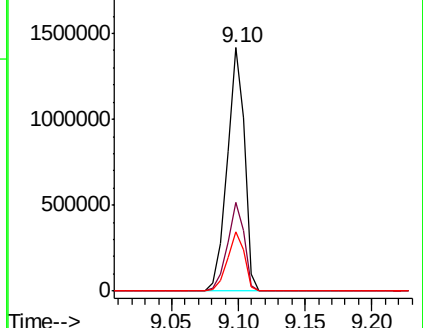
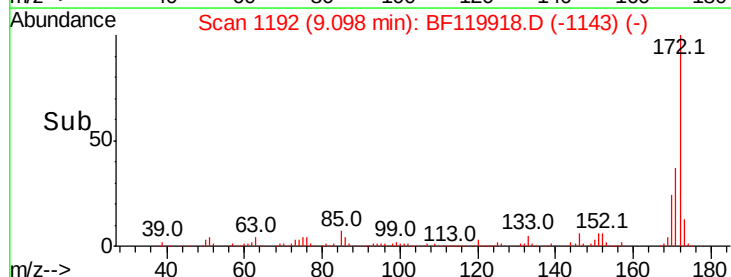
170 24.4 19.4 29.2

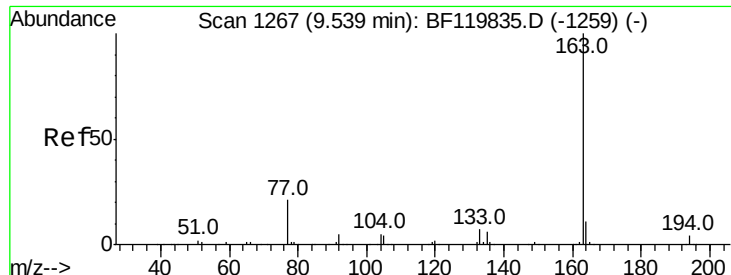


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

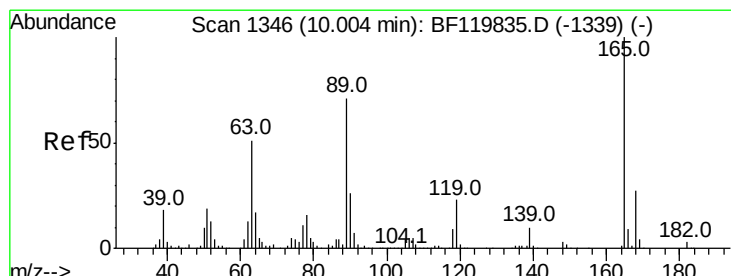
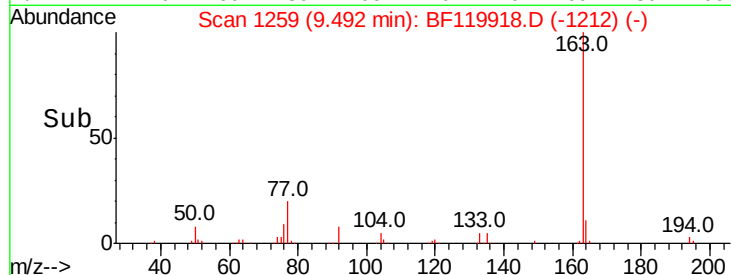
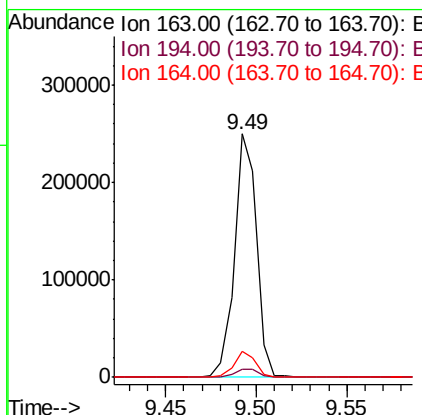
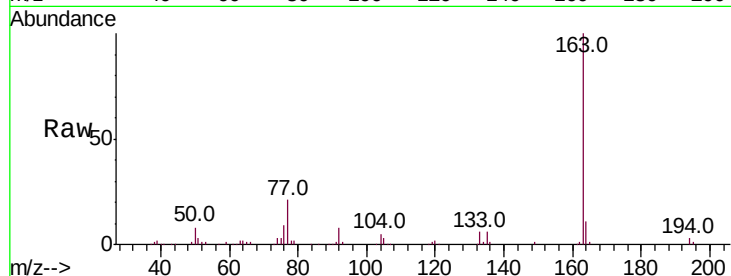




#50
Dimethylphthalate
Concen: 5.982 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119918.D
Acq: 13 Apr 2020 16:07

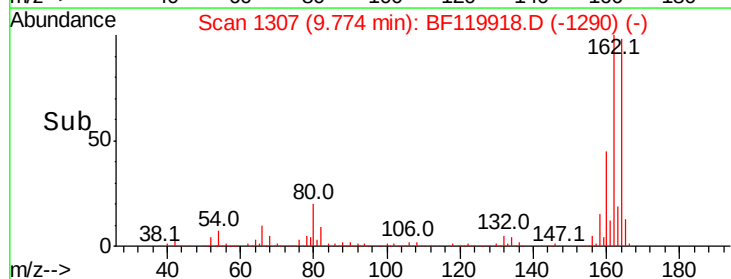
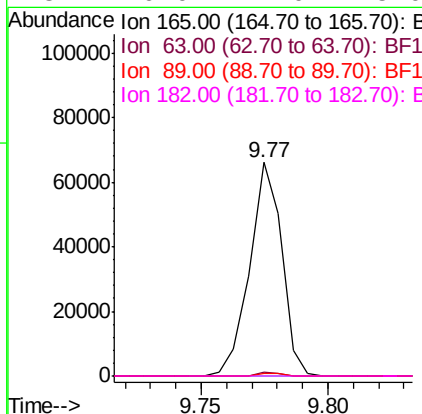
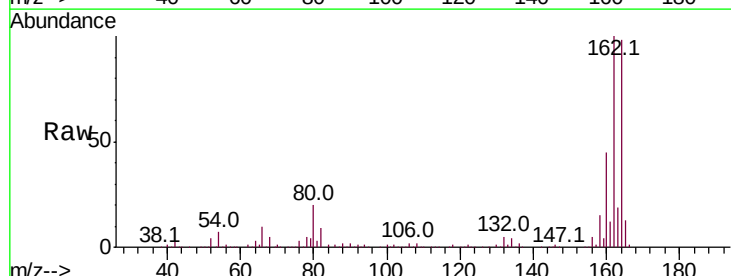
Instrument :
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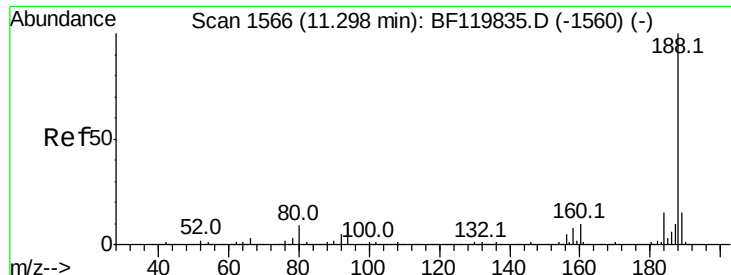
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.6	8.4	12.6



#57
2,4-Dinitrotoluene
Concen: 5.752 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.20 min
Lab File: BF119918.D
Acq: 13 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.8	61.2#
89	1.0	56.9	85.3#
182	0.0	2.0	3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF119918.D

Acq: 13 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

TP-10

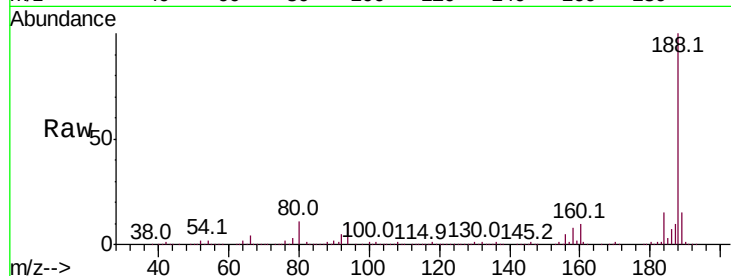
Tot Ion:188 Resp: 899287

Ion Ratio Lower Upper

188 100

94 9.6 6.7 10.1

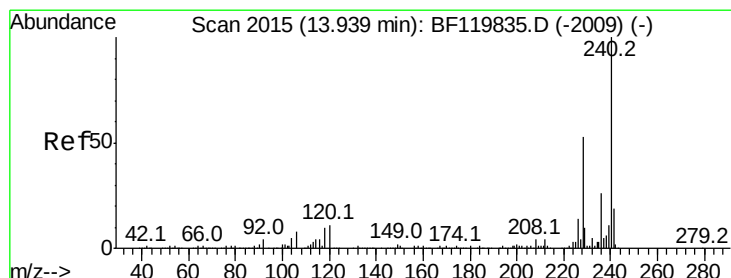
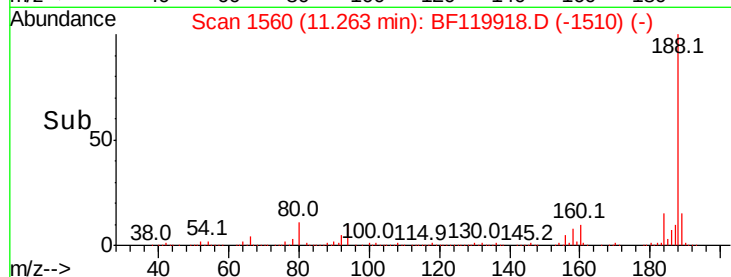
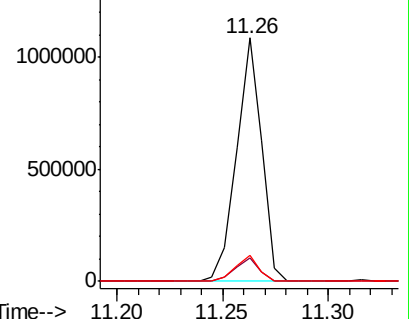
80 10.6 7.4 11.2



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: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF119918.D

Acq: 13 Apr 2020 16:07

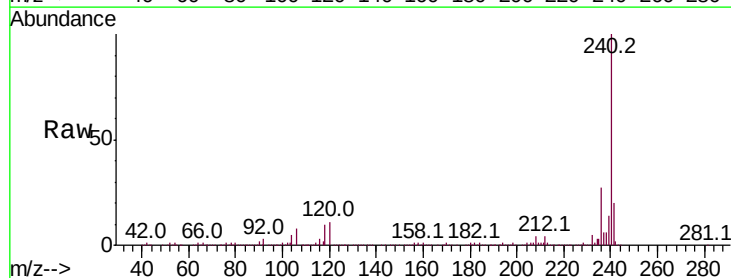
Tgt Ion:240 Resp: 750190

Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.6

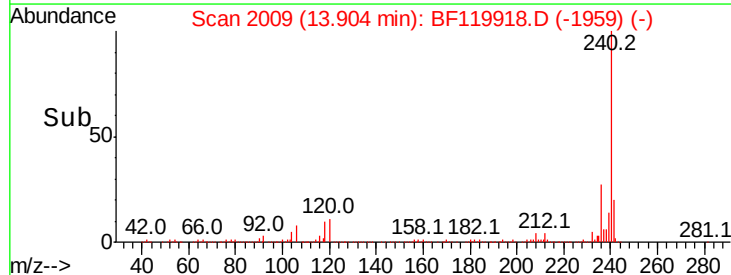
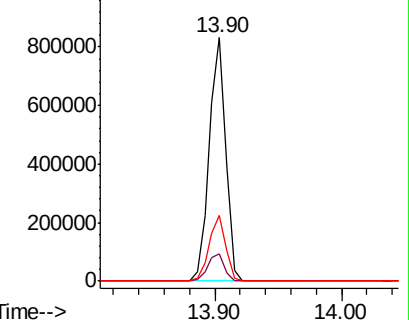
236 26.9 20.7 31.1

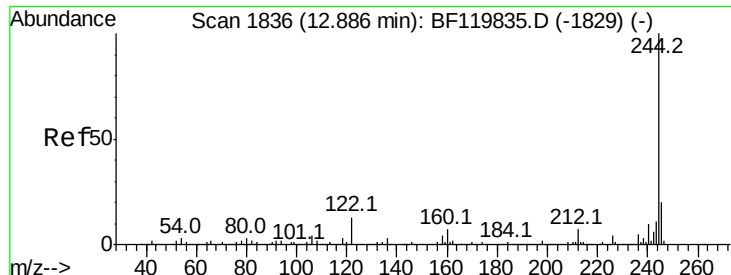


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 35.464 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119918.D

Acq: 13 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

TP-10

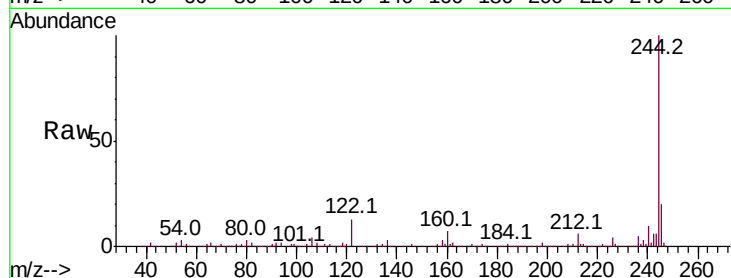
Tot Ion:244 Resp: 1581103

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

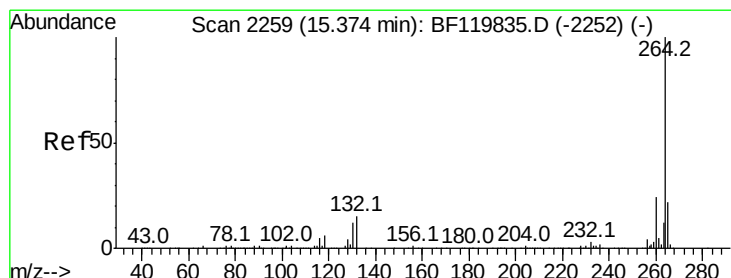
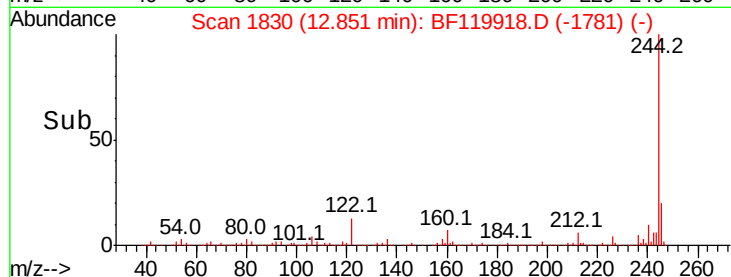
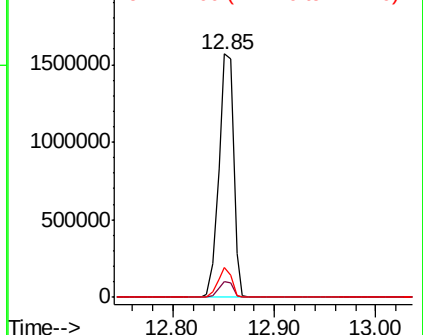
122 12.5 10.3 15.5



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: 15.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BF119918.D

Acq: 13 Apr 2020 16:07

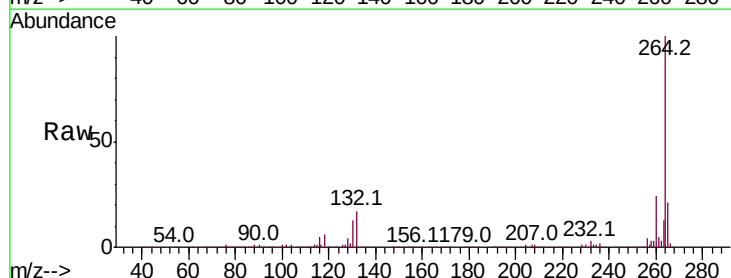
Tgt Ion:264 Resp: 736393

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 20.9 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

