

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119058.D
 Acq On : 25 Feb 2020 10:10
 Operator : CG/JU
 Sample : L1648-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 25 10:45:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

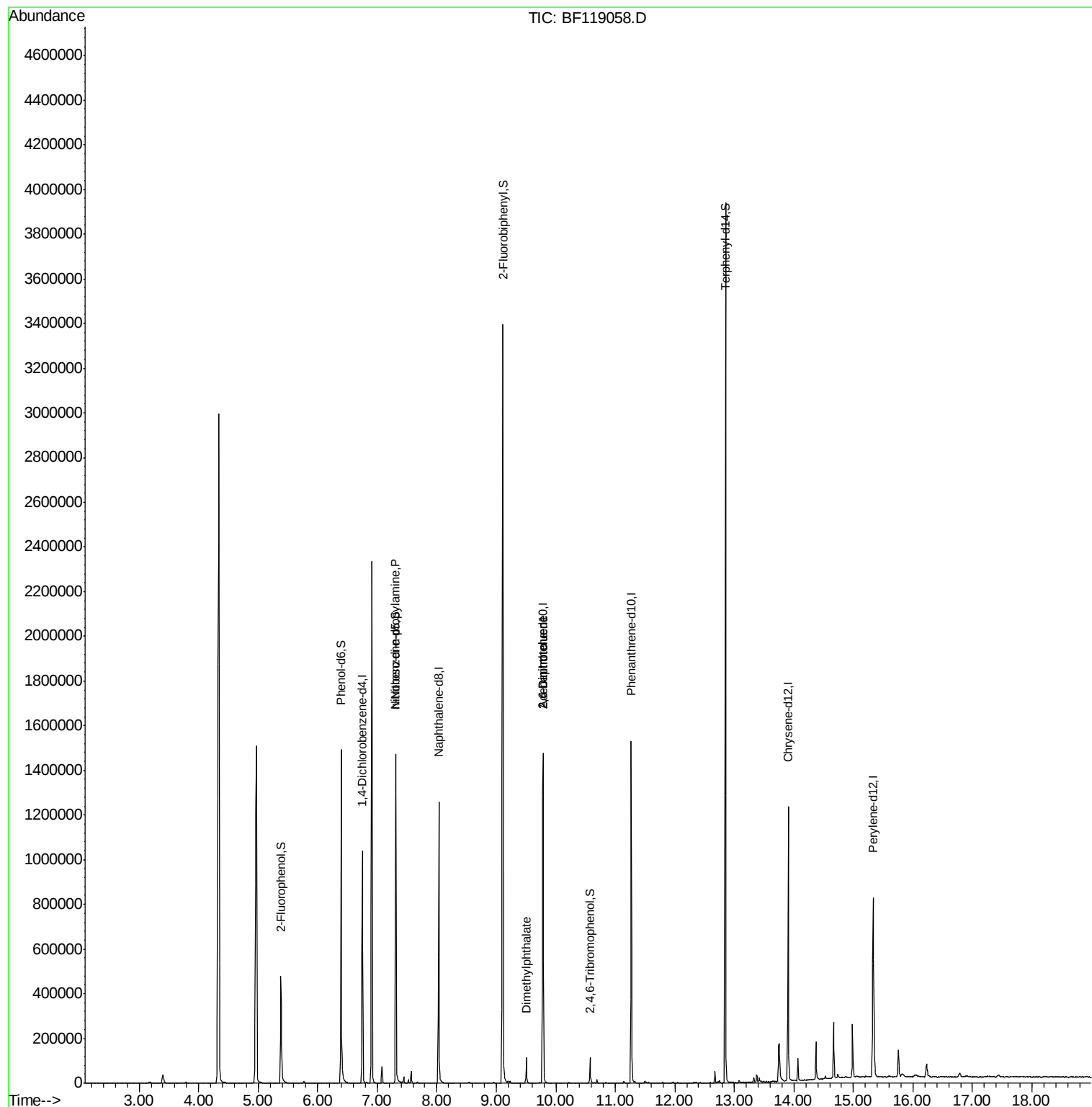
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	156715	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	609216	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	337050	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	601370	20.00	ng	0.00
76) Chrysene-d12	13.90	240	414564	20.00	ng	0.00
87) Perylene-d12	15.33	264	396209	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	161896	17.26	ng	0.00
7) Phenol-d6	6.39	99	511123	44.82	ng	-0.01
23) Nitrobenzene-d5	7.31	82	569589	49.37	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	19461	4.41	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1205463	52.69	ng	-0.01
79) Terphenyl-d14	12.85	244	1437021	59.68	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	77695	11.691	ng	# 76
50) Dimethylphthalate	9.50	163	61437	2.384	ng	# 99
51) 2,6-Dinitrotoluene	9.79	165	42987	7.507	ng	# 30
57) 2,4-Dinitrotoluene	9.79	165	42987	5.792	ng	# 29

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

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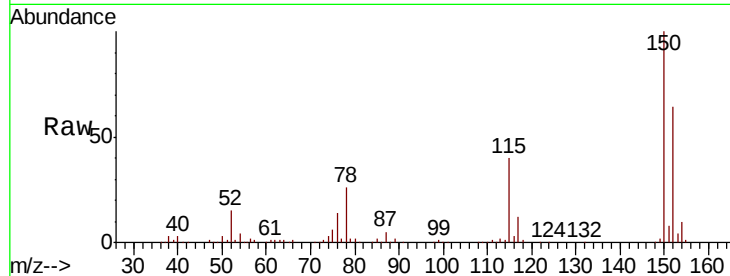


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119058.D
Acq: 25 Feb 2020 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.3	186.5
115	62.5	44.6	67.0

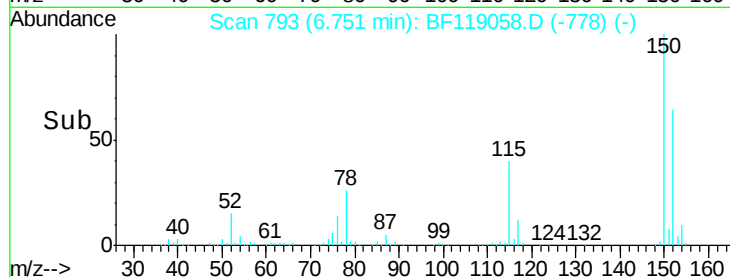
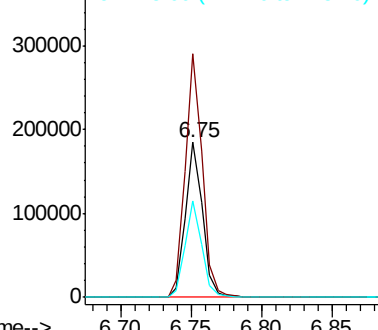


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

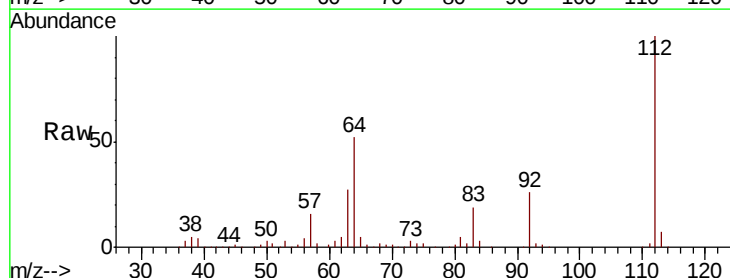
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 17.264 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119058.D
Acq: 25 Feb 2020 10:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	40.4	60.6
63	27.2	21.3	31.9

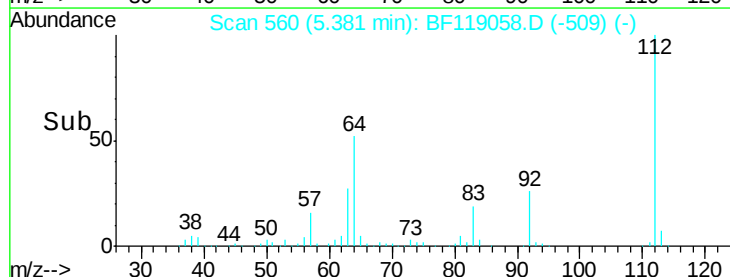
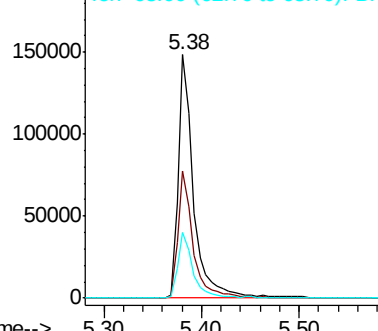


Abundance

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: 44.817 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119058.D

Acq: 25 Feb 2020 10:10

Instrument :

BNA_F

ClientSampleId :

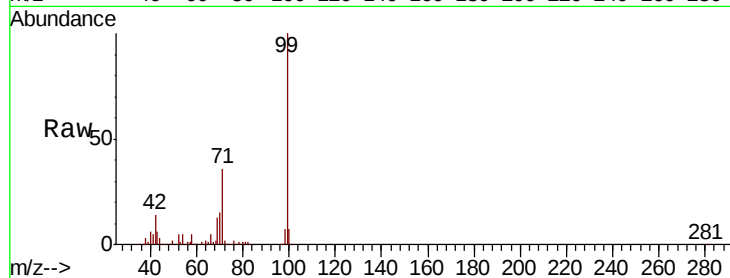
Tot Ion: 99 Resp: 511123

Ion Ratio Lower Upper

99 100

42 13.8 11.4 17.0

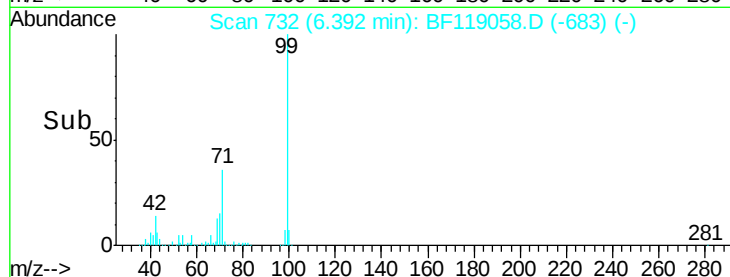
71 36.0 29.8 44.6



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

6.39

6.30 6.40 6.50



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 11.691 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.13 min

Lab File: BF119058.D

Acq: 25 Feb 2020 10:10

Tgt Ion: 70 Resp: 77695

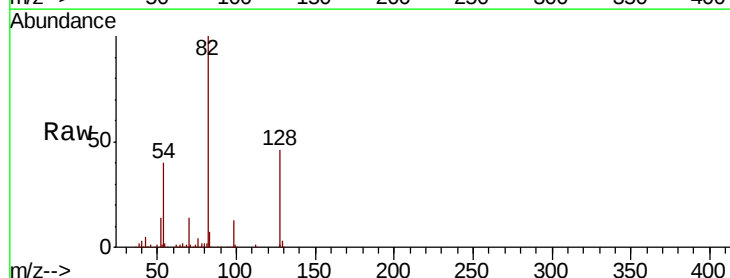
Ion Ratio Lower Upper

70 100

42 35.5 34.6 51.8

101 0.0 8.1 12.1#

130 2.1 19.4 29.2#



Abundance Ion 70.00 (69.70 to 70.70): BF1

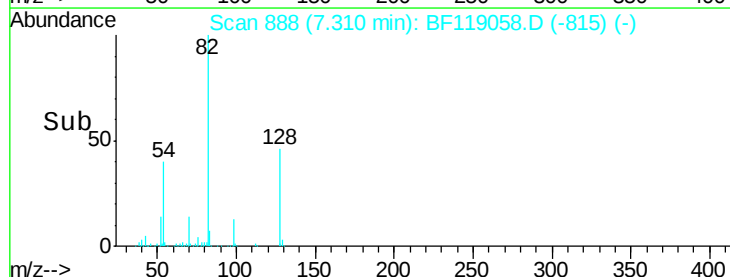
Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

7.31

7.30 7.40



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119058.D

Acq: 25 Feb 2020 10:10

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 609216

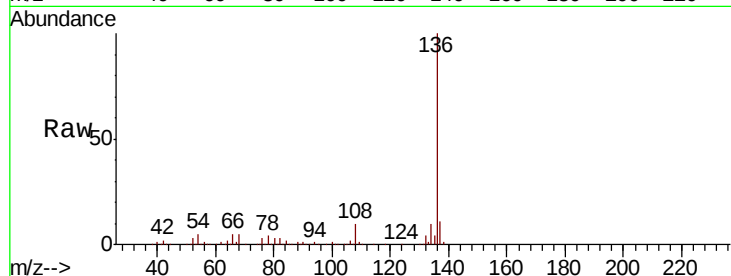
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 4.8 3.8 5.6

68 5.3 4.2 6.2

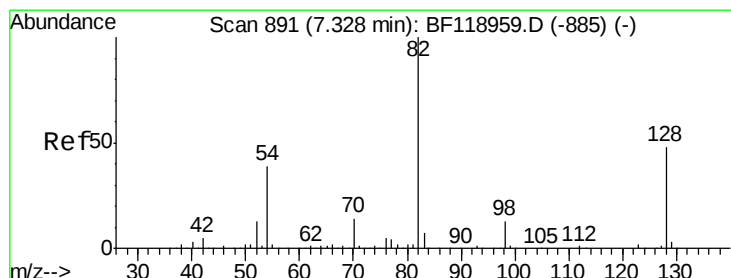
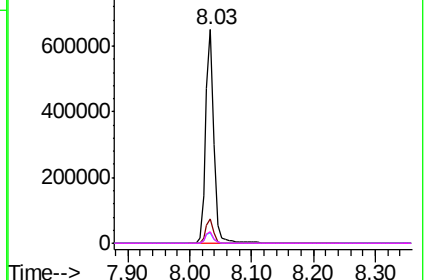
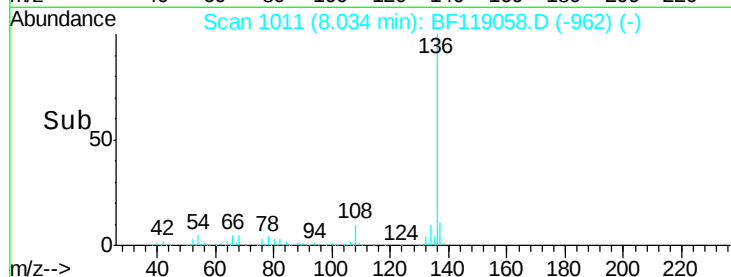


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.366 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.02 min

Lab File: BF119058.D

Acq: 25 Feb 2020 10:10

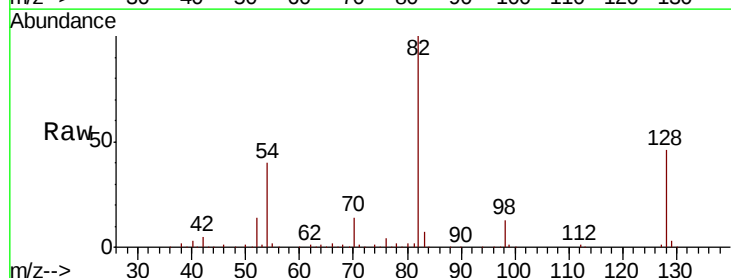
Tgt Ion: 82 Resp: 569589

Ion Ratio Lower Upper

82 100

128 45.6 38.2 57.2

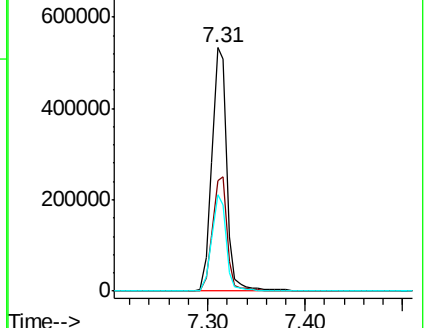
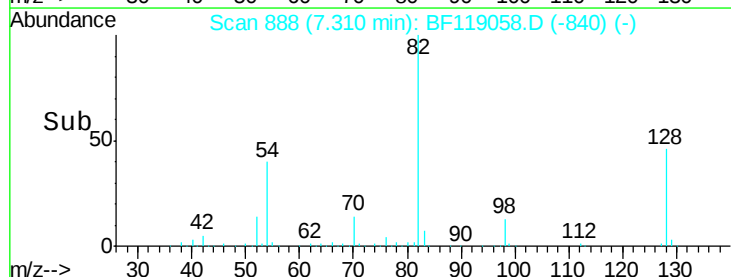
54 39.6 31.3 46.9

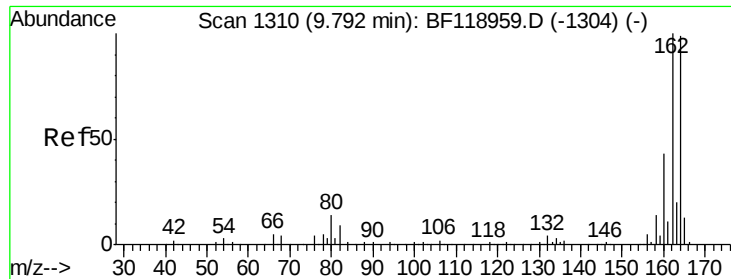


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119058.D

Acq: 25 Feb 2020 10:10

Instrument :

BNA_F

ClientSampleId :

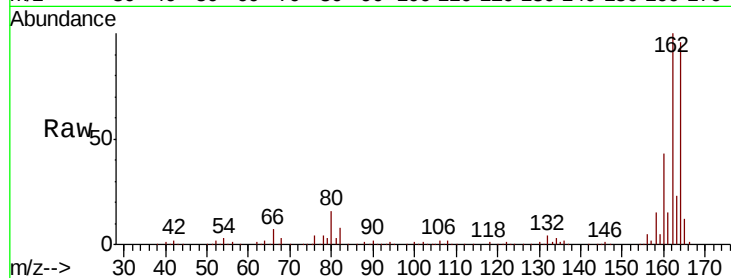
Tot Ion:164 Resp: 337050

Ion Ratio Lower Upper

164 100

162 104.1 81.2 121.8

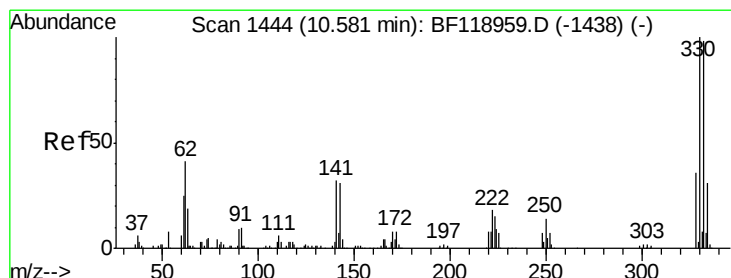
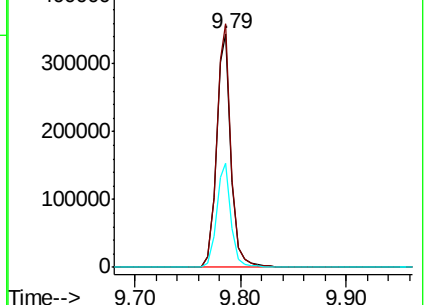
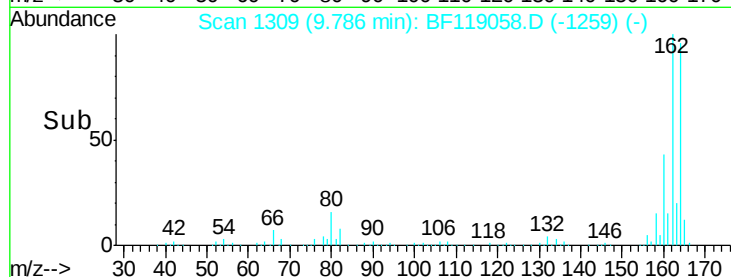
160 44.6 35.2 52.8



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: 4.414 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF119058.D

Acq: 25 Feb 2020 10:10

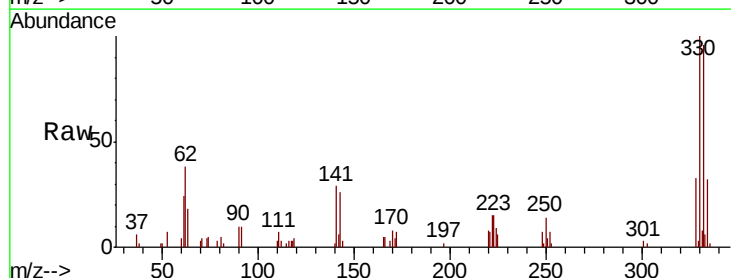
Tgt Ion:330 Resp: 19461

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

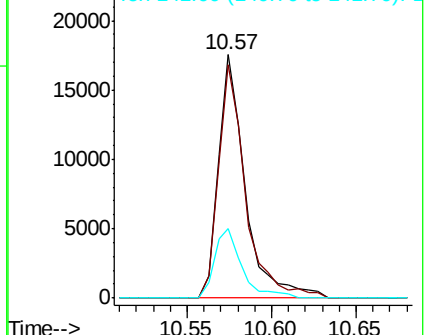
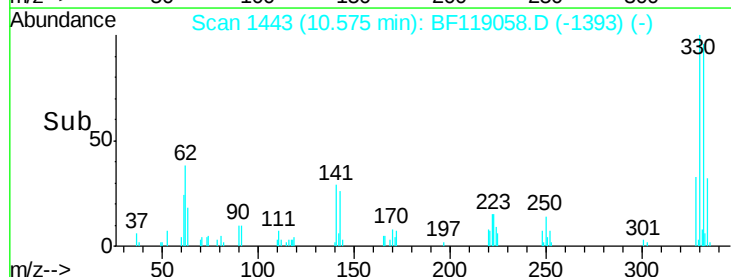
141 29.3 23.0 34.6

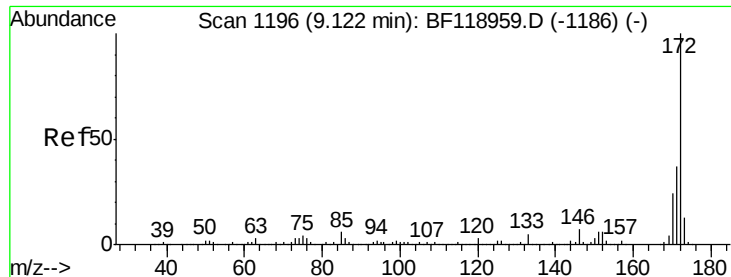


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

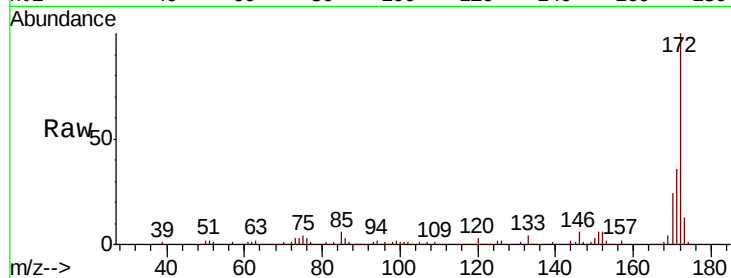




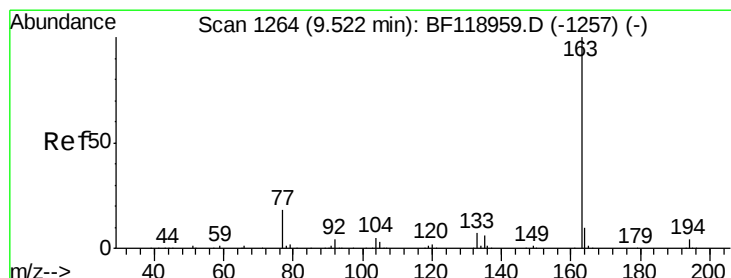
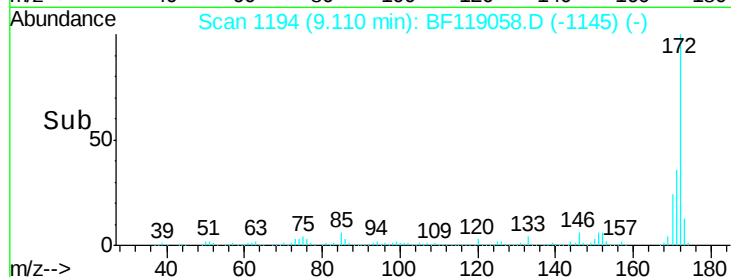
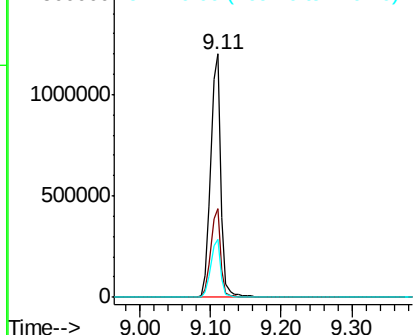
#45
 2-Fluorobiphenyl
 Concen: 52.688 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119058.D
 Acq: 25 Feb 2020 10:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1205463
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 23.9 19.6 29.4

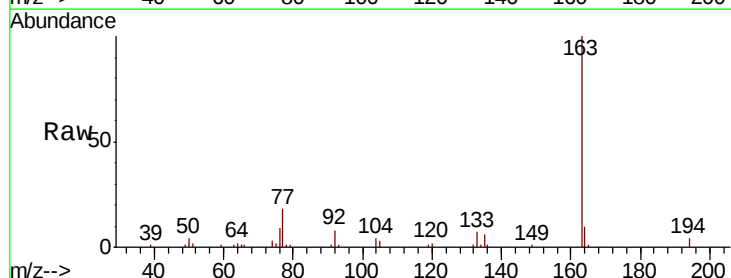


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

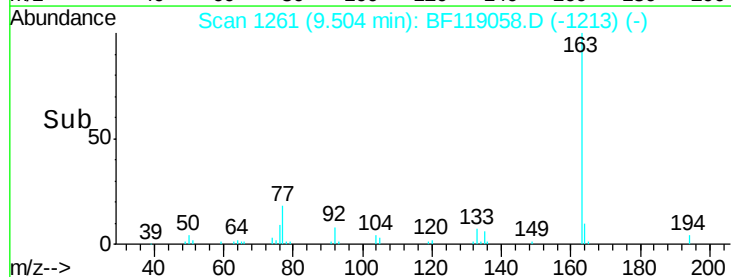
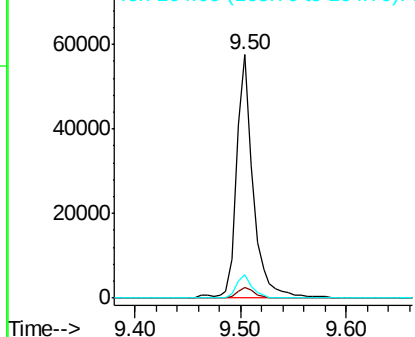


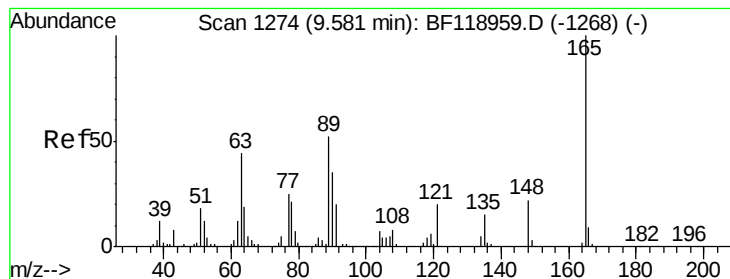
#50
 Dimethylphthalate
 Concen: 2.384 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.02 min
 Lab File: BF119058.D
 Acq: 25 Feb 2020 10:10

Tgt Ion:163 Resp: 61437
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.4 5.2
 164 9.6 8.2 12.2



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: 7.507 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.21 min

Lab File: BF119058.D

Acq: 25 Feb 2020 10:10

Instrument :

BNA_F

ClientSampleId :

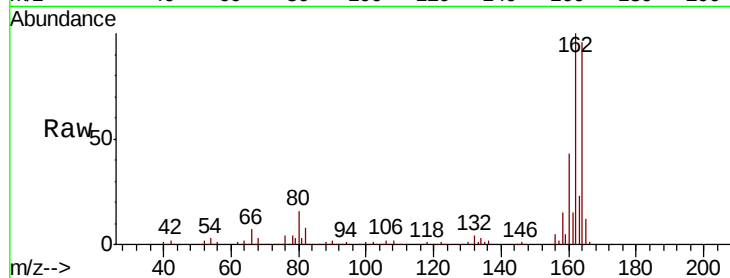
Tot Ion:165 Resp: 42987

Ion Ratio Lower Upper

165 100

63 0.9 37.9 56.9#

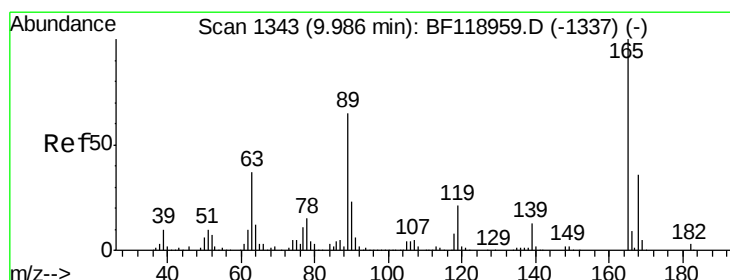
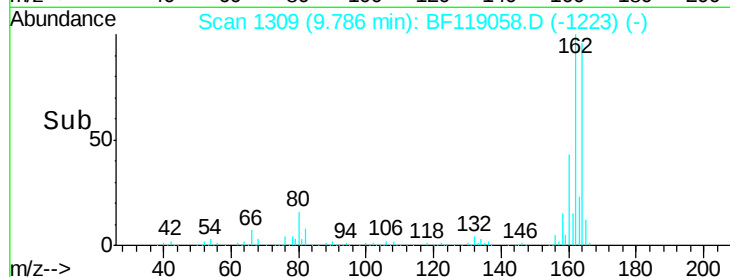
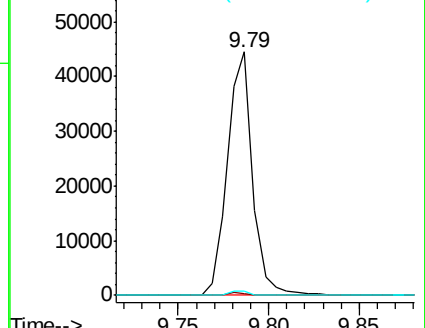
89 1.7 41.4 62.0#



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



#57

2,4-Dinitrotoluene

Concen: 5.792 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.20 min

Lab File: BF119058.D

Acq: 25 Feb 2020 10:10

Tgt Ion:165 Resp: 42987

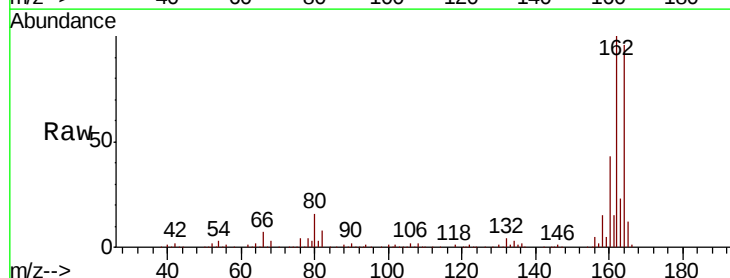
Ion Ratio Lower Upper

165 100

63 0.9 29.8 44.8#

89 1.7 51.9 77.9#

182 0.0 2.3 3.5#

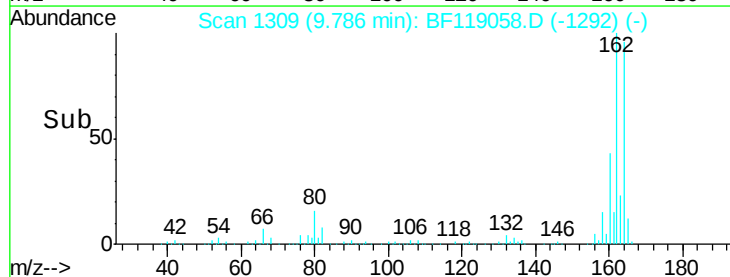
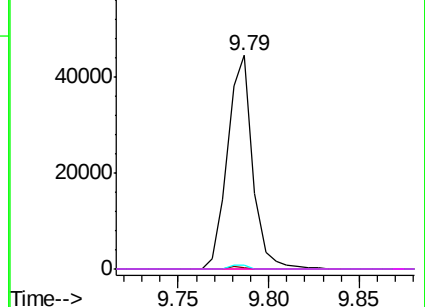


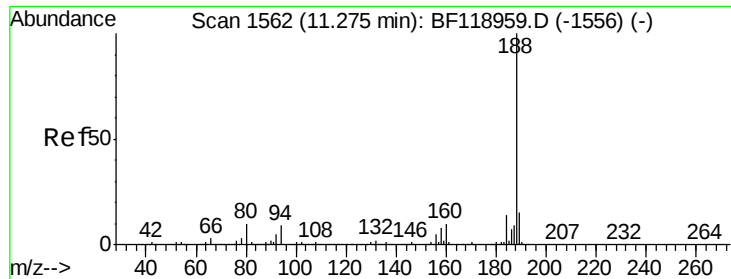
Abundance Ion 165.00 (164.70 to 165.70): E

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

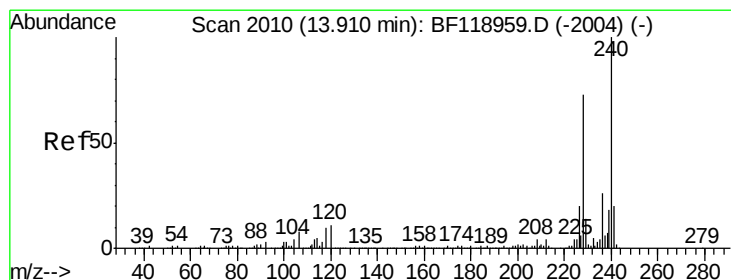
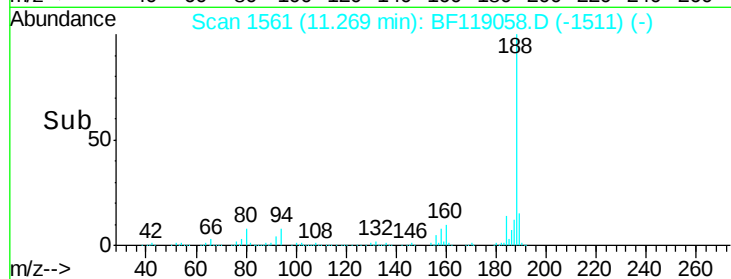
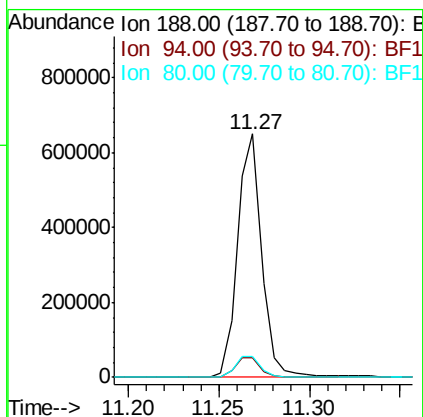
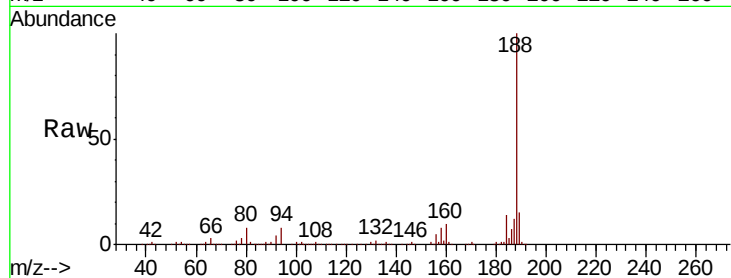




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119058.D
Acq: 25 Feb 2020 10:10

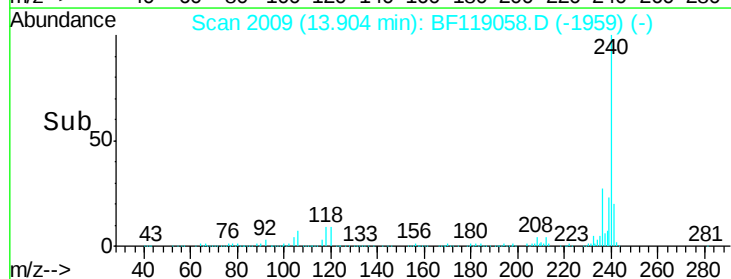
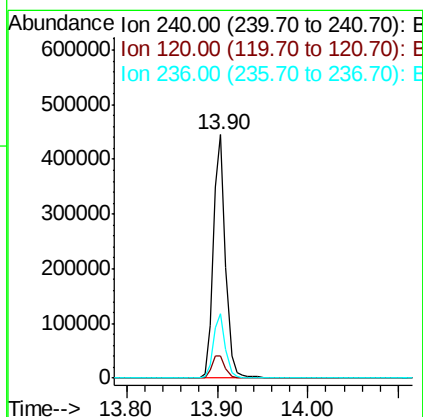
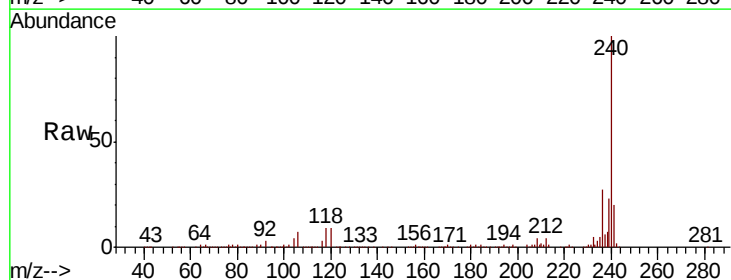
Instrument :
BNA_F
ClientSampled :

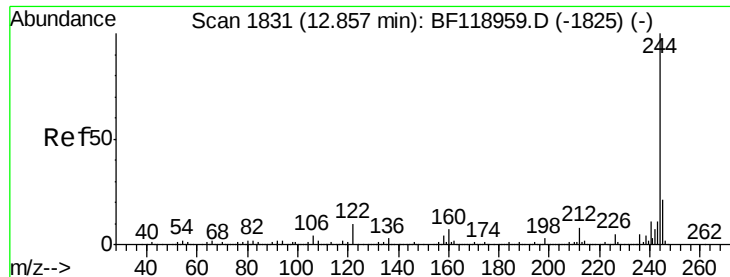
Tot Ion:188 Resp: 601370
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 8.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119058.D
Acq: 25 Feb 2020 10:10

Tgt Ion:240 Resp: 414564
Ion Ratio Lower Upper
240 100
120 9.2 8.9 13.3
236 26.7 20.6 30.8





#79

Terphenyl-d14

Concen: 59.679 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119058.D

Acq: 25 Feb 2020 10:10

Instrument :

BNA_F

ClientSampleId :

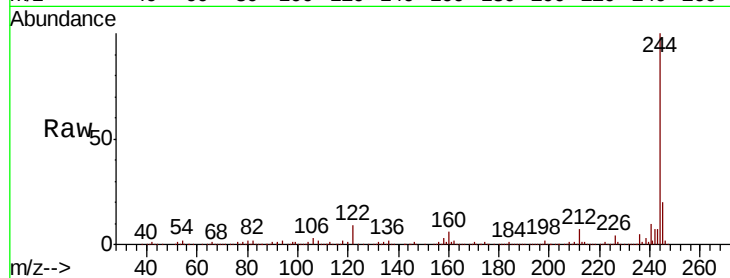
Tot Ion:244 Resp: 1437021

Ion Ratio Lower Upper

244 100

212 7.0 6.3 9.5

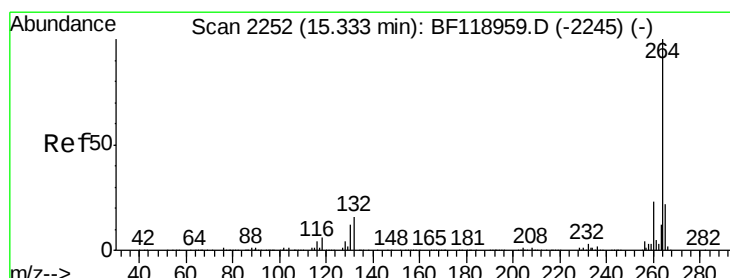
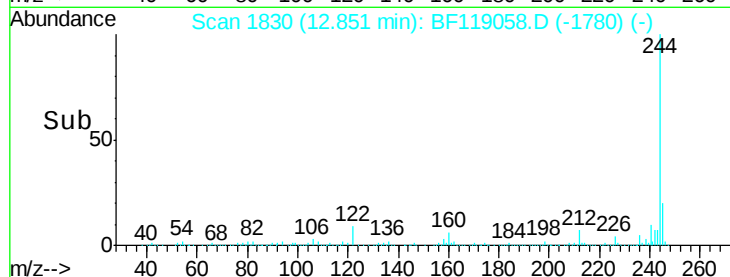
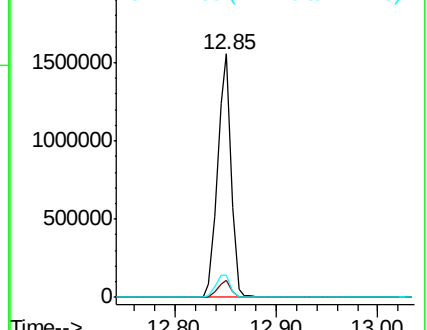
122 9.2 8.4 12.6



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# 2251

Delta R.T. -0.01 min

Lab File: BF119058.D

Acq: 25 Feb 2020 10:10

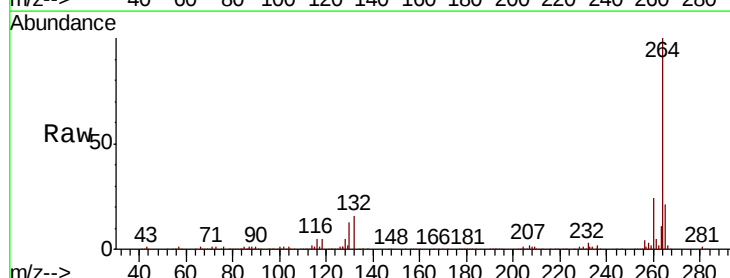
Tgt Ion:264 Resp: 396209

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 21.3 17.3 25.9



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

