

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119234.D
 Acq On : 6 Mar 2020 1:56
 Operator : CG/JU
 Sample : L1792-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Mar 06 08:07:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

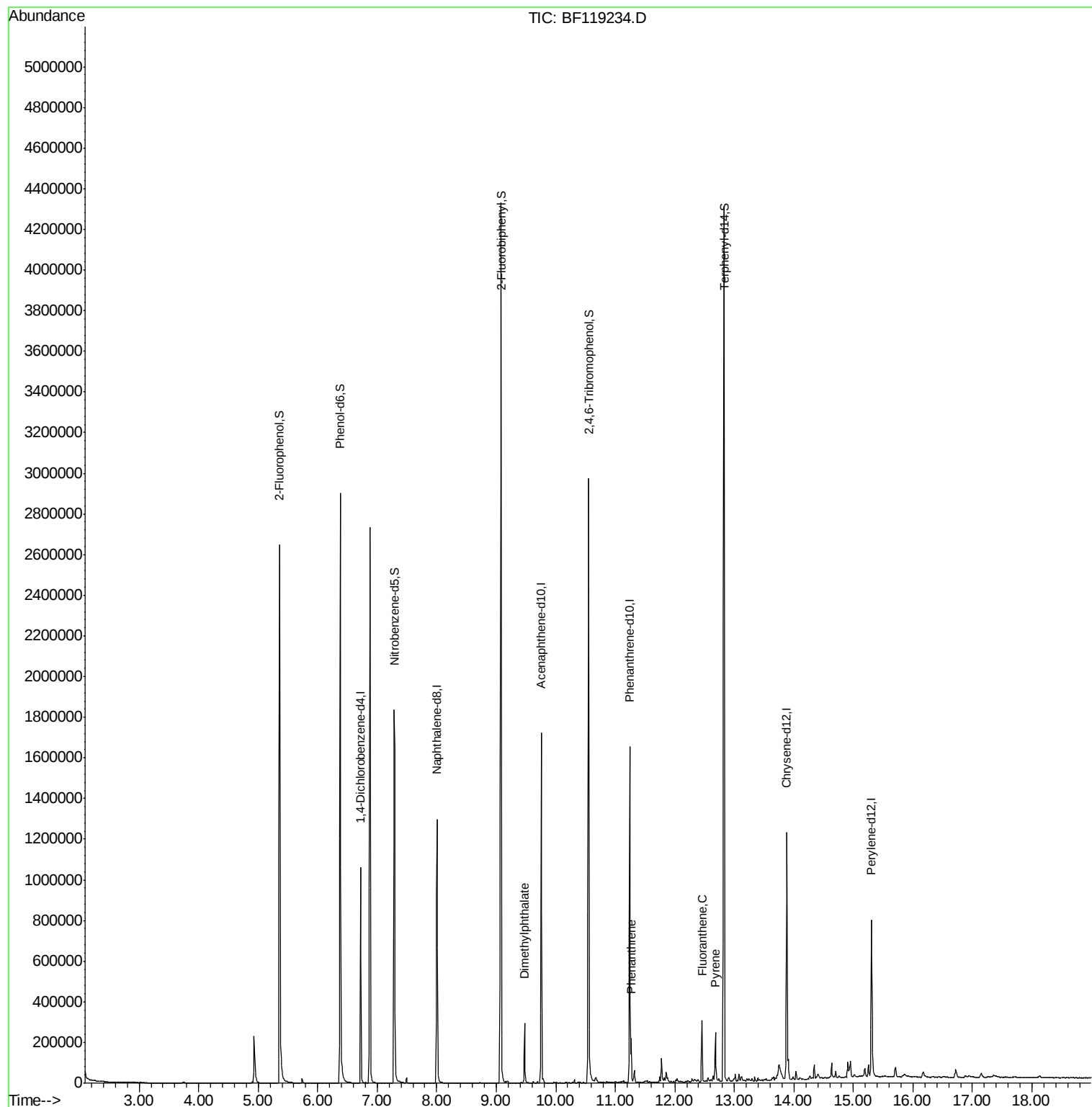
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	162725	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	649110	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	362206	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	657717	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	396830	20.00	ng	-0.02
87) Perylene-d12	15.30	264	341969	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	899662	92.39	ng	0.00
7) Phenol-d6	6.38	99	1121800	94.73	ng	-0.02
23) Nitrobenzene-d5	7.29	82	748579	60.89	ng	-0.04
42) 2,4,6-Tribromophenol	10.55	330	418838	88.39	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1454227	59.15	ng	-0.03
79) Terphenyl-d14	12.83	244	1670241	72.46	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.47	163	125593	4.535	ng	99
71) Phenanthrene	11.26	178	86337	2.407	ng	98
75) Fluoranthene	12.46	202	129846	3.410	ng	98
78) Pyrene	12.68	202	108411	3.402	ng	98

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

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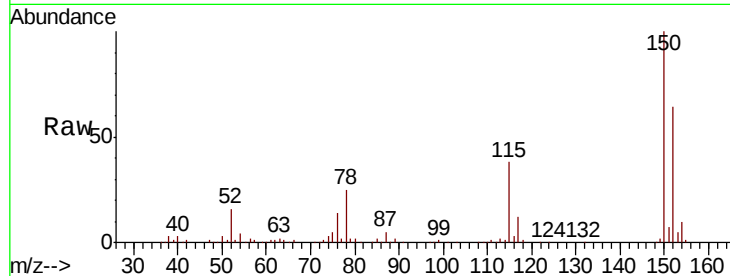


#1

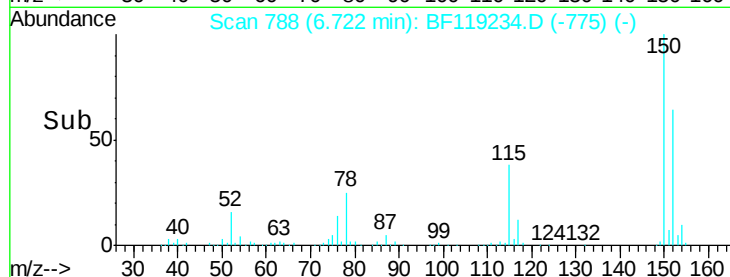
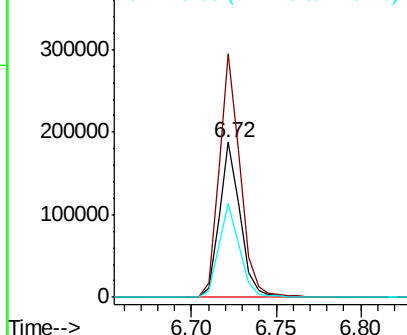
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119234.D
Acq: 6 Mar 2020 1:56

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion:152 Resp: 162725
Ion Ratio Lower Upper
152 100
150 157.2 123.0 184.6
115 60.4 49.5 74.3



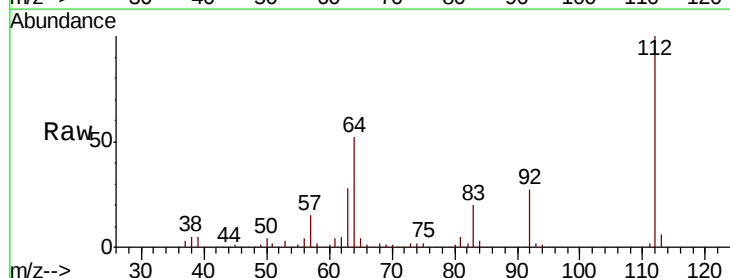
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



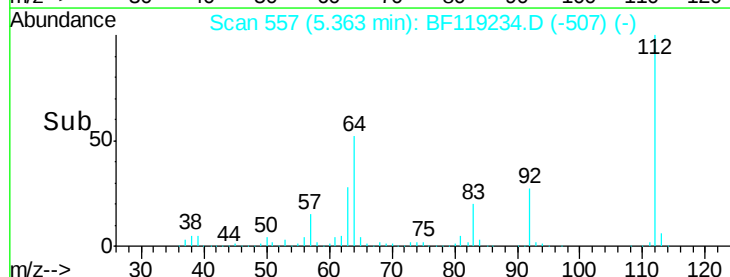
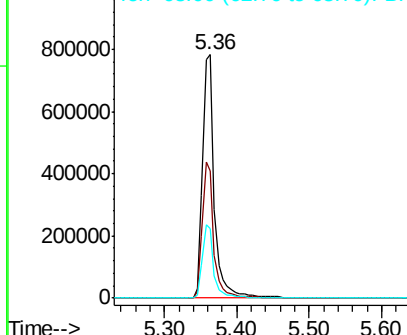
#5

2-Fluorophenol
Concen: 92.395 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF119234.D
Acq: 6 Mar 2020 1:56

Tgt Ion:112 Resp: 899662
Ion Ratio Lower Upper
112 100
64 52.0 45.0 67.4
63 28.3 24.2 36.4



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: 94.729 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119234.D

Acq: 6 Mar 2020 1:56

Instrument :

BNA_F

ClientSampled :

TP-4

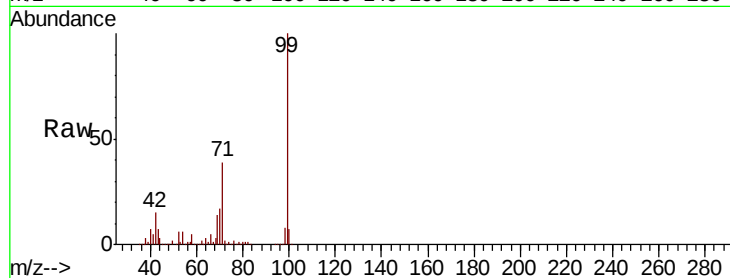
Tot Ion: 99 Resp: 1121800

Ion Ratio Lower Upper

99 100

42 15.3 12.6 18.8

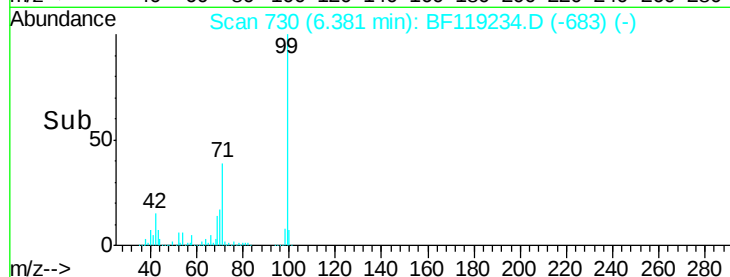
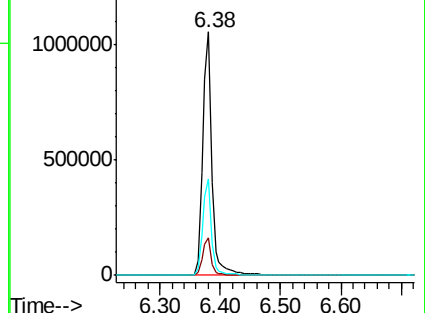
71 39.3 31.0 46.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF119234.D

Acq: 6 Mar 2020 1:56

Tgt Ion: 136 Resp: 649110

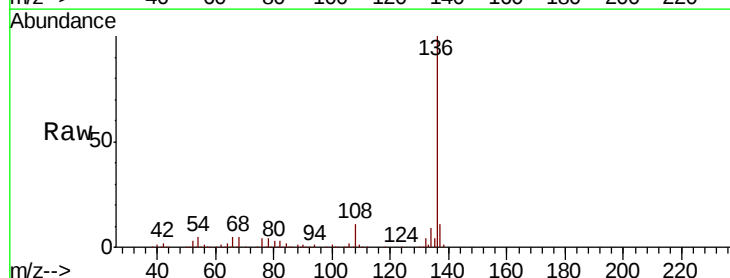
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 4.8 3.8 5.6

68 5.0 3.9 5.9

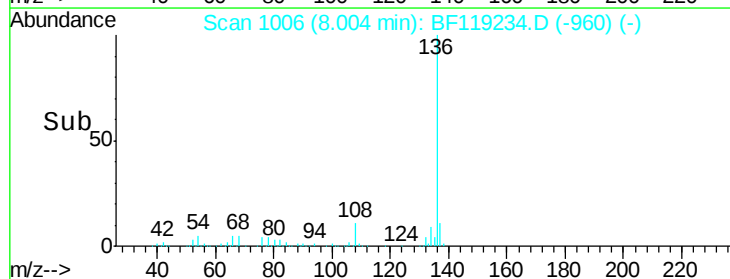
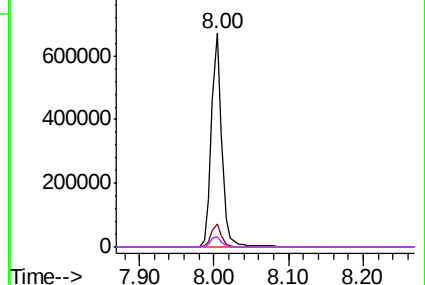


Abundance Ion 136.00 (135.70 to 136.70): E

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

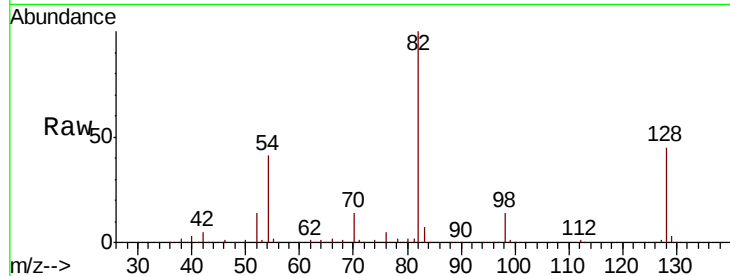




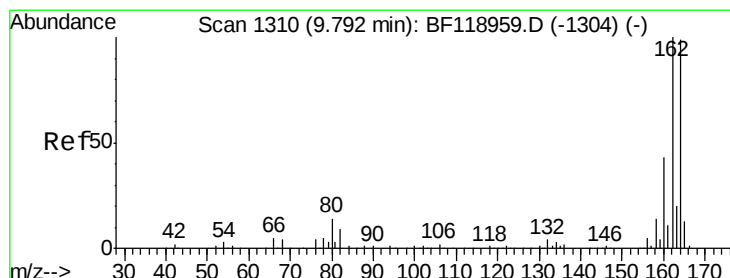
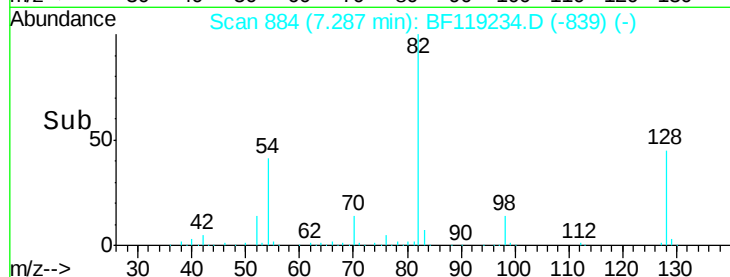
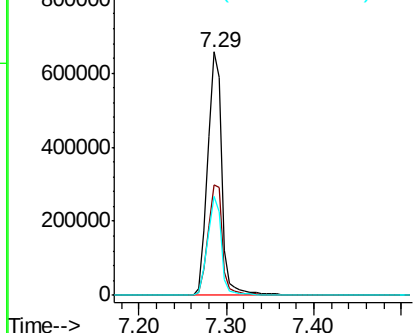
#23
 Nitrobenzene-d5
 Concen: 60.891 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF119234.D
 Acq: 6 Mar 2020 1:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion: 82 Resp: 748579
 Ion Ratio Lower Upper
 82 100
 128 45.2 37.9 56.9
 54 40.7 33.4 50.2

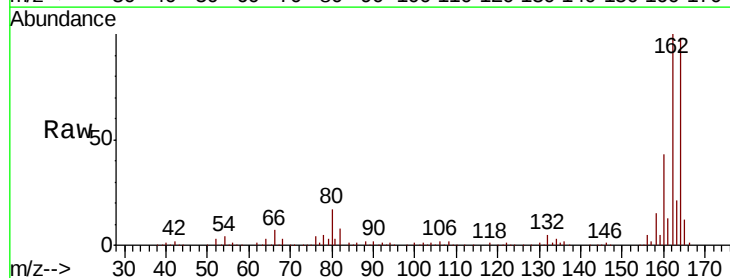


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

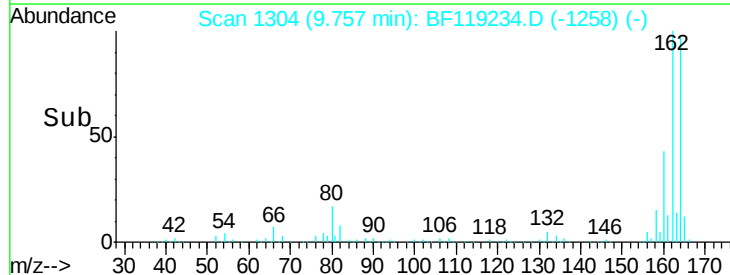
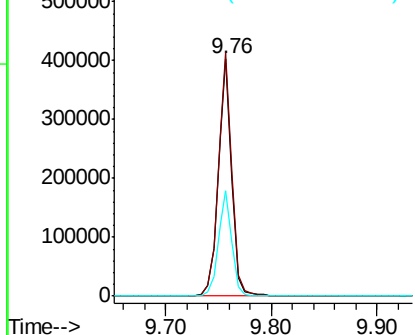


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF119234.D
 Acq: 6 Mar 2020 1:56

Tgt Ion: 164 Resp: 362206
 Ion Ratio Lower Upper
 164 100
 162 102.5 81.8 122.8
 160 44.4 36.0 54.0



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

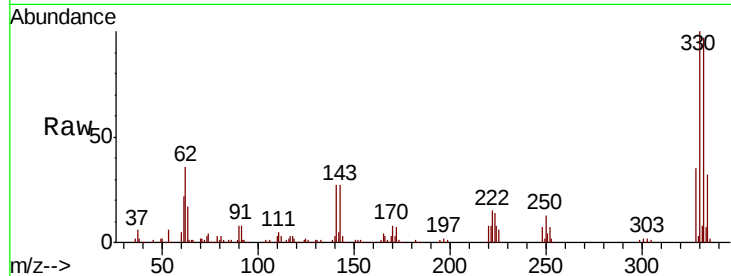




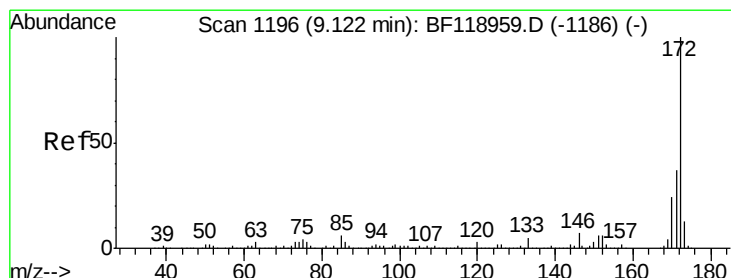
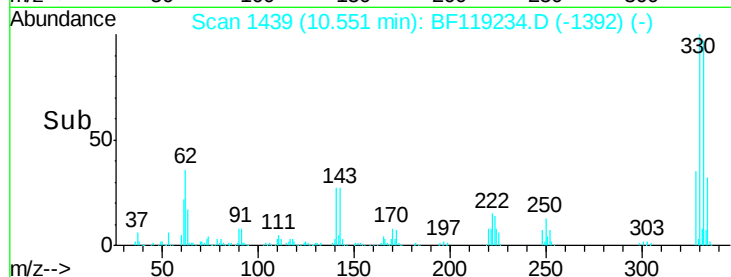
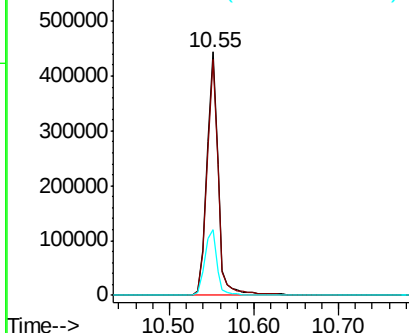
#42
 2,4,6-Tribromophenol
 Concen: 88.395 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119234.D
 Acq: 6 Mar 2020 1:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion:330 Resp: 418838
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.0 114.0
 141 29.3 22.9 34.3

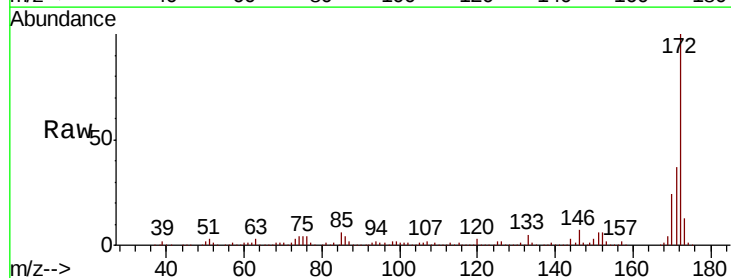


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

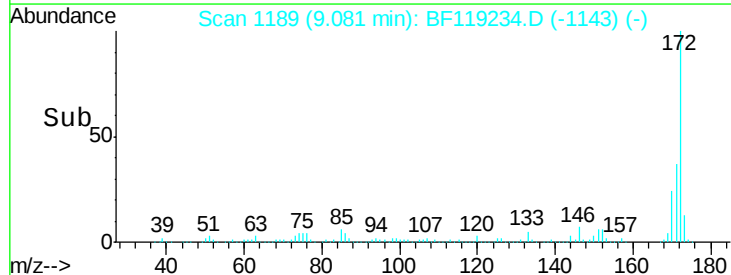
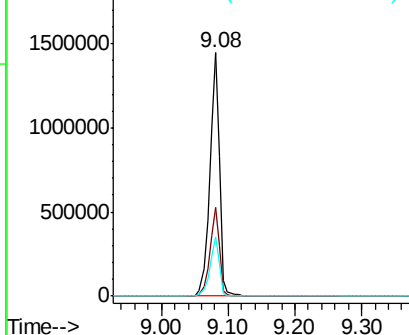


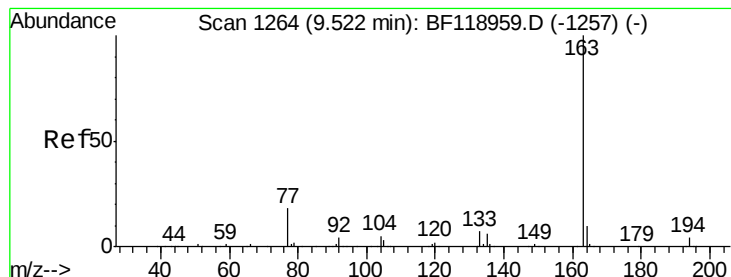
#45
 2-Fluorobiphenyl
 Concen: 59.147 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF119234.D
 Acq: 6 Mar 2020 1:56

Tgt Ion:172 Resp: 1454227
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.6 45.8
 170 24.5 20.2 30.2



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: 4.535 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.04 min

Lab File: BF119234.D

Acq: 6 Mar 2020 1:56

Instrument :

BNA_F

ClientSampleId :

TP-4

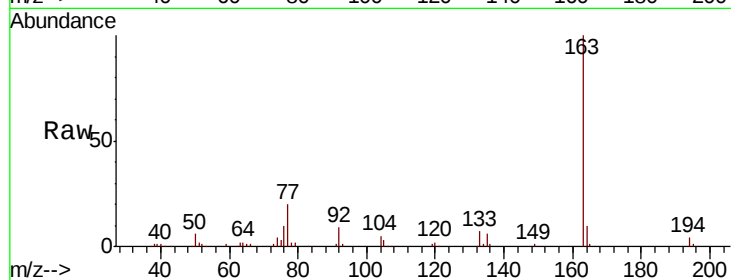
Tot Ion:163 Resp: 125593

Ion Ratio Lower Upper

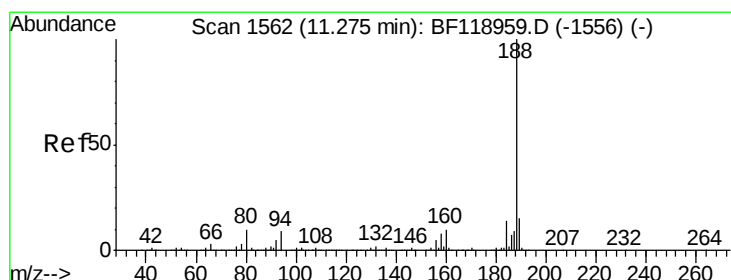
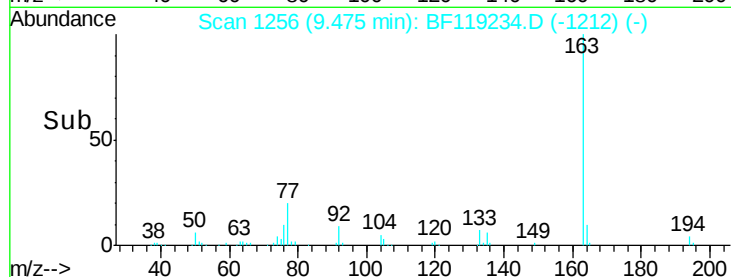
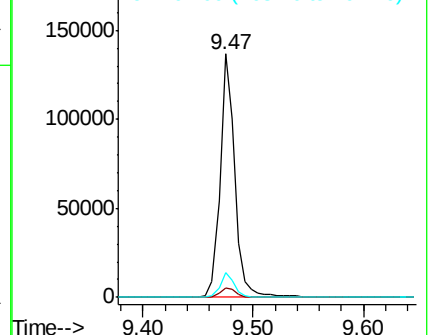
163 100

194 4.0 3.5 5.3

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BF119234.D

Acq: 6 Mar 2020 1:56

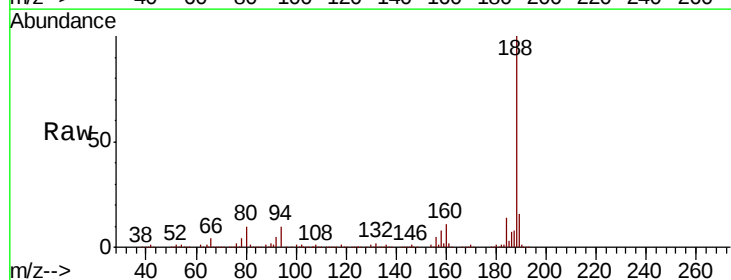
Tgt Ion:188 Resp: 657717

Ion Ratio Lower Upper

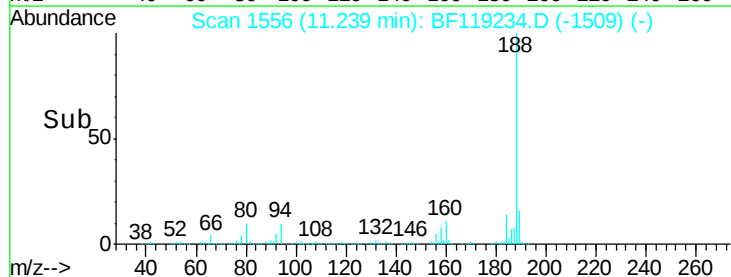
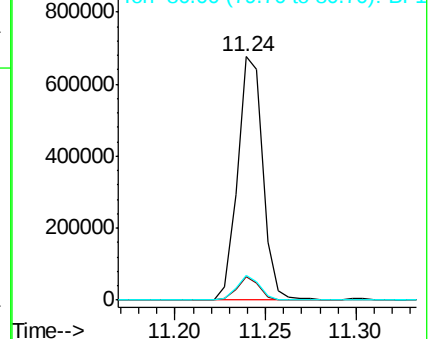
188 100

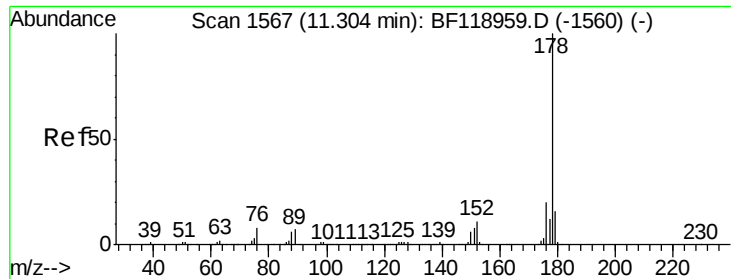
94 9.6 7.1 10.7

80 10.3 7.8 11.8



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





#71

Phenanthrene

Concen: 2.407 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.03 min

Lab File: BF119234.D

Acq: 6 Mar 2020 1:56

Instrument :

BNA_F

ClientSampled :

TP-4

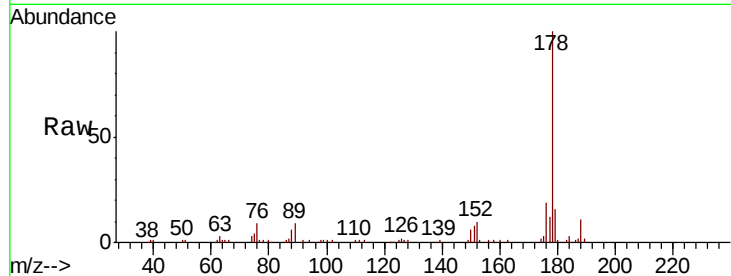
Tot Ion:178 Resp: 86337

Ion Ratio Lower Upper

178 100

176 19.4 16.5 24.7

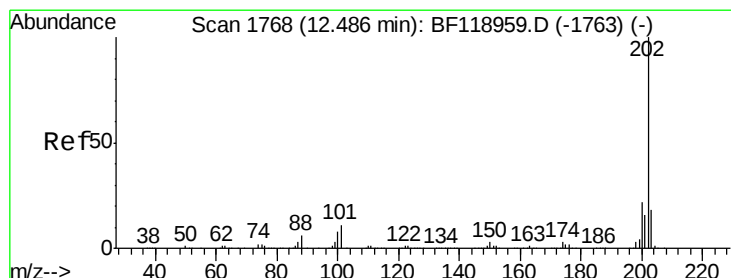
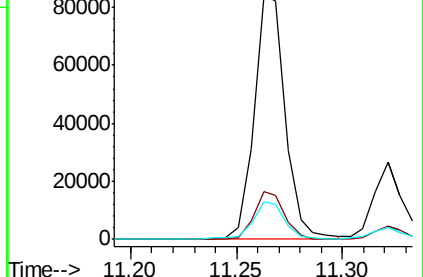
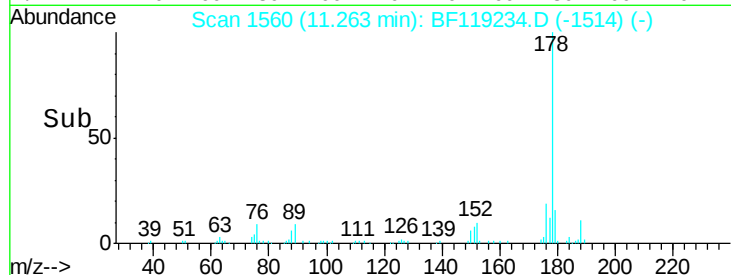
179 15.7 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 3.410 ng

RT: 12.46 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BF119234.D

Acq: 6 Mar 2020 1:56

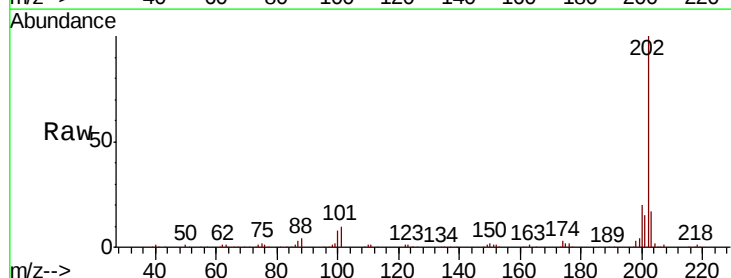
Tgt Ion:202 Resp: 129846

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.3

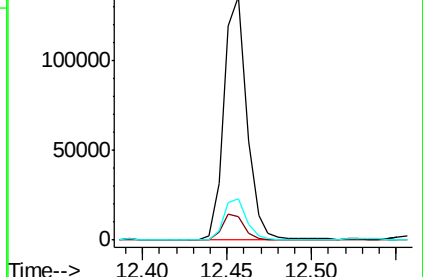
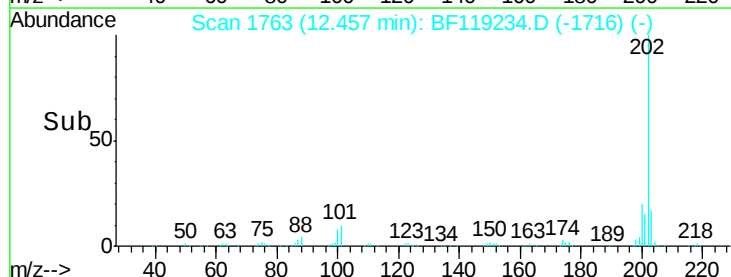
203 17.2 0.0 38.4

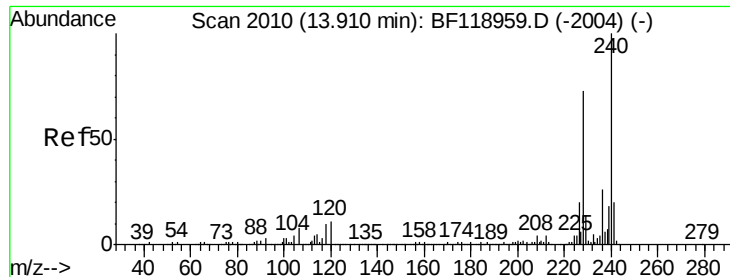


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

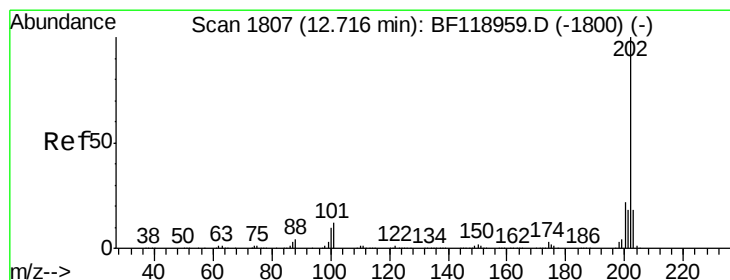
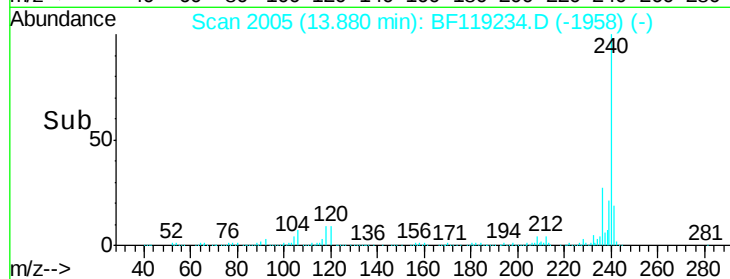
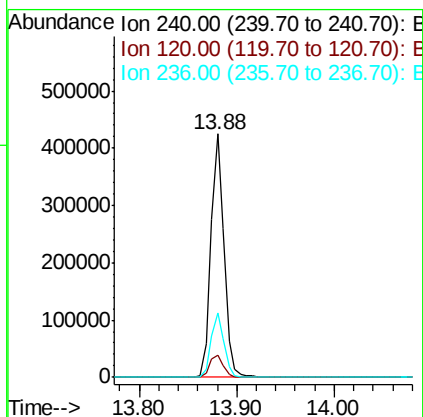
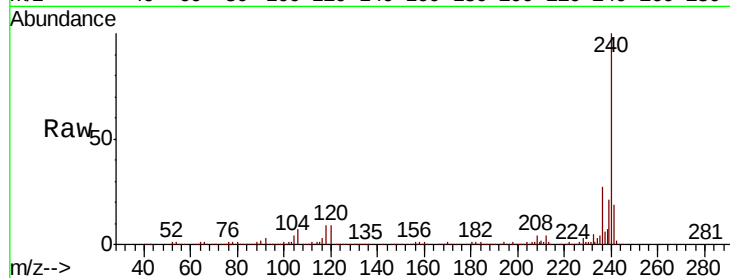




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF119234.D
Acq: 6 Mar 2020 1:56

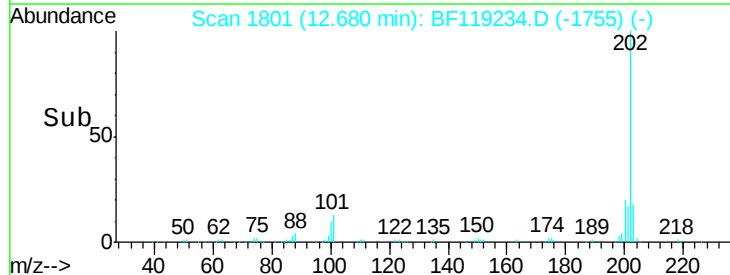
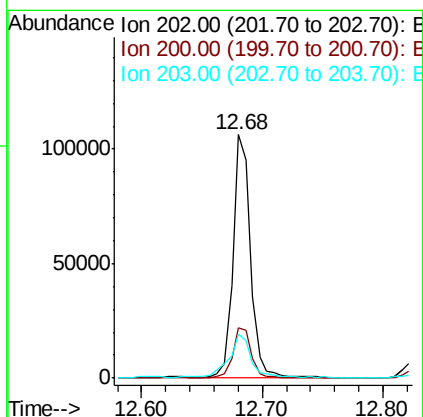
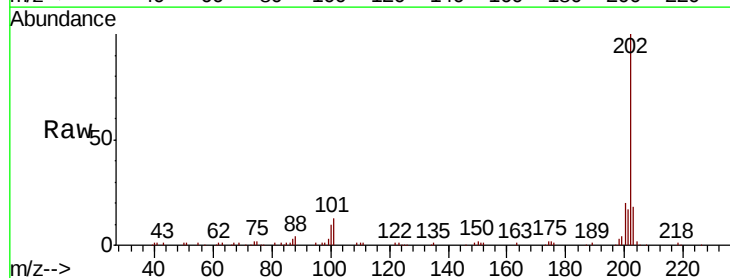
Instrument :
BNA_F
ClientSampleId :
TP-4

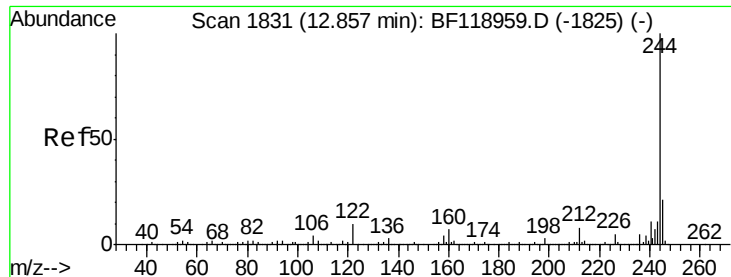
Tot Ion:240 Resp: 396830
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 26.5 21.0 31.4



#78
Pyrene
Concen: 3.402 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.03 min
Lab File: BF119234.D
Acq: 6 Mar 2020 1:56

Tgt Ion:202 Resp: 108411
Ion Ratio Lower Upper
202 100
200 20.5 18.0 27.0
203 18.2 14.6 22.0





#79

Terphenyl-d14

Concen: 72.465 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF119234.D

Acq: 6 Mar 2020 1:56

Instrument :

BNA_F

ClientSampleId :

TP-4

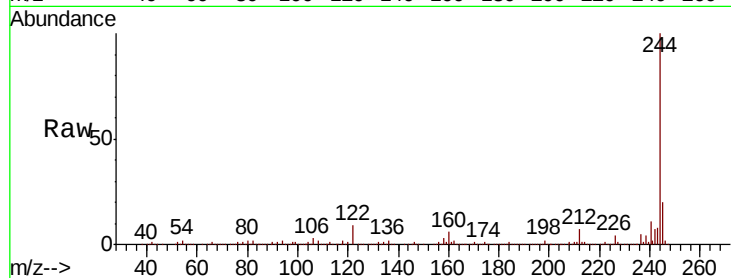
Tot Ion:244 Resp: 1670241

Ion Ratio Lower Upper

244 100

212 7.1 6.6 10.0

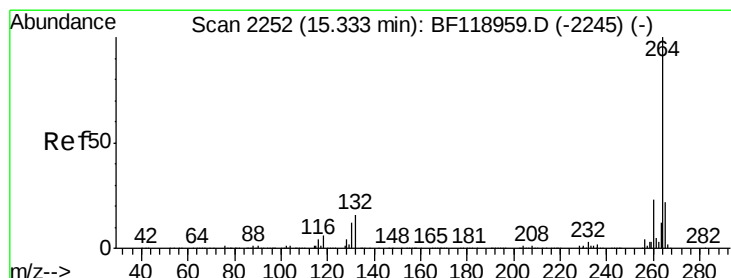
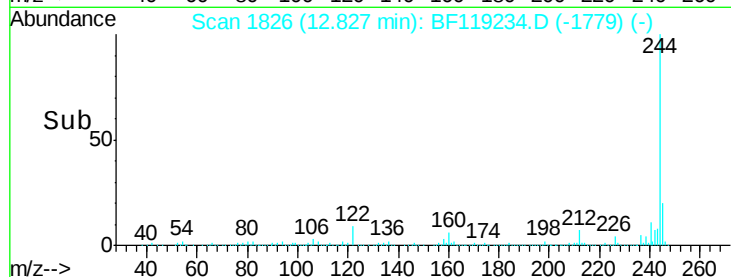
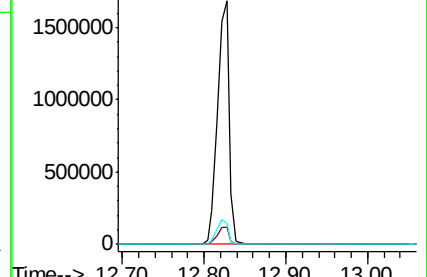
122 8.6 8.2 12.2



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: 15.30 min Scan# 2247

Delta R.T. -0.02 min

Lab File: BF119234.D

Acq: 6 Mar 2020 1:56

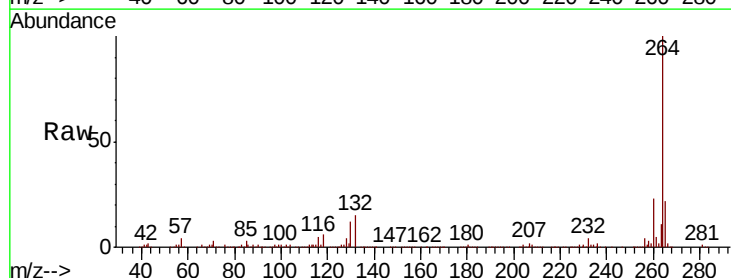
Tgt Ion:264 Resp: 341969

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

265 21.7 17.7 26.5



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

