

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120938.D
 Acq On : 20 Jul 2020 17:42
 Operator : JU/CG
 Sample : L3329-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PW-2R

Quant Time: Jul 20 18:36:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

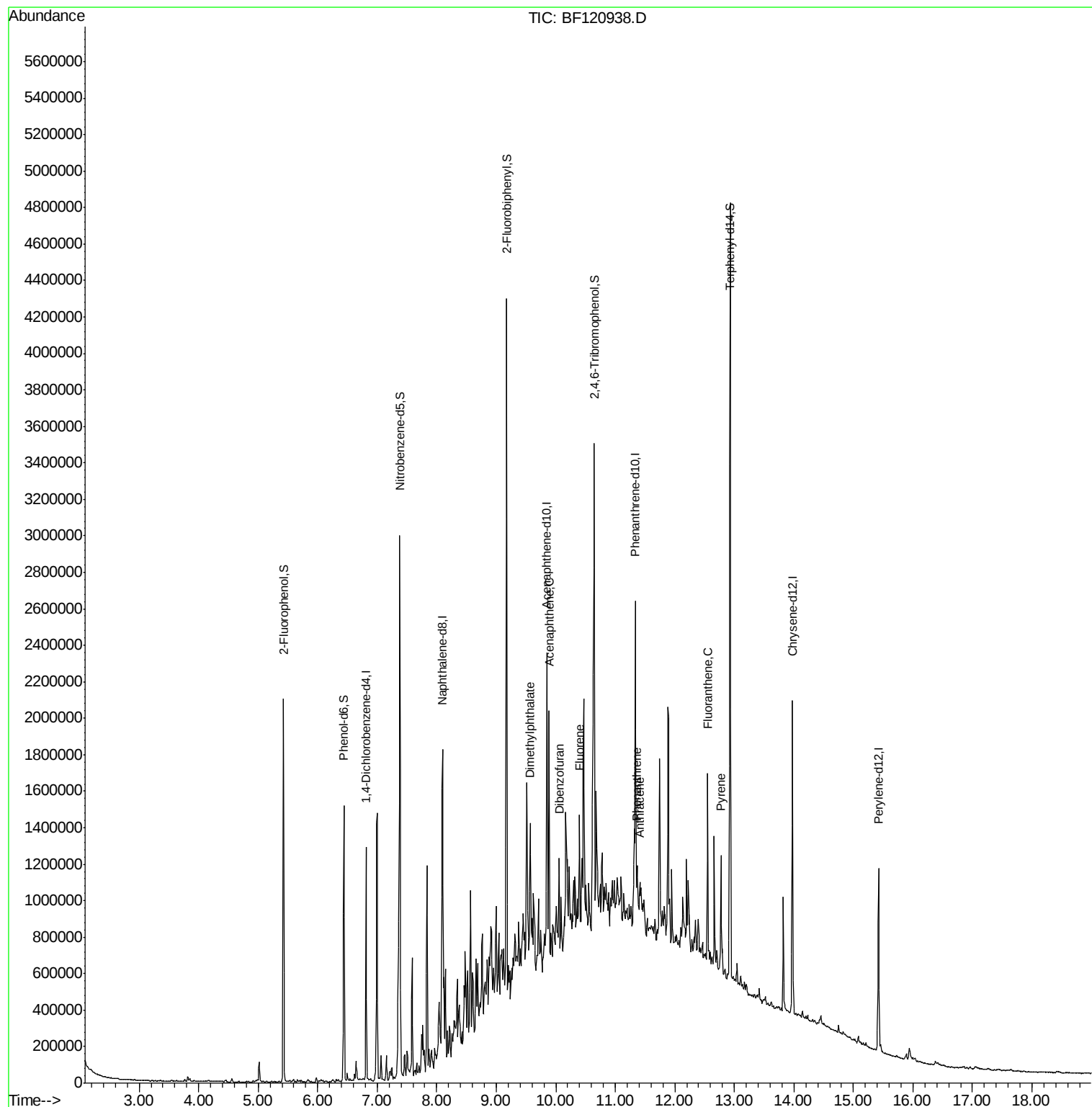
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	187789	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	708342	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	367058	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	686733	20.00	ng	0.00
76) Chrysene-d12	13.97	240	584261	20.00	ng	0.00
86) Perylene-d12	15.42	264	461138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	619196	54.05	ng	0.00
7) Phenol-d6	6.44	99	496538	33.56	ng	0.00
23) Nitrobenzene-d5	7.38	82	947041	77.36	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	469967	116.97	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1638570	66.65	ng	0.00
79) Terphenyl-d14	12.93	244	1769230	65.83	ng	0.01
Target Compounds						
50) Dimethylphthalate	9.57	163	247319	9.340	ng	97
52) Acenaphthene	9.89	154	279686	12.405	ng	100
55) Dibenzofuran	10.06	168	105062	3.222	ng	# 92
58) Fluorene	10.40	166	193983	7.977	ng	98
71) Phenanthrene	11.36	178	76969	2.179	ng	94
72) Anthracene	11.41	178	94294	2.659	ng	94
75) Fluoranthene	12.55	202	377449	9.642	ng	98
78) Pyrene	12.78	202	263980	6.391	ng	99

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

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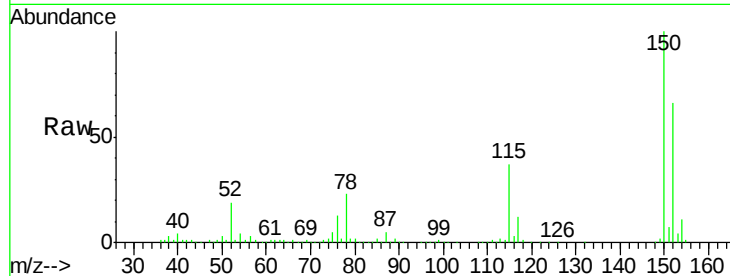


#1

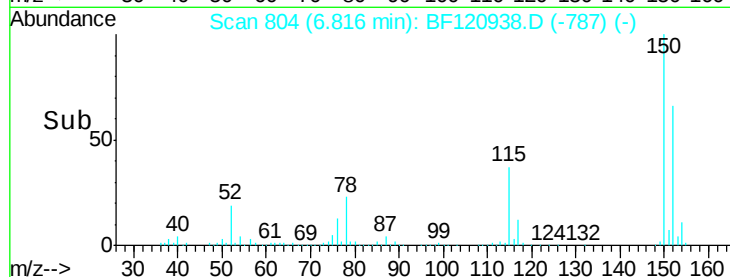
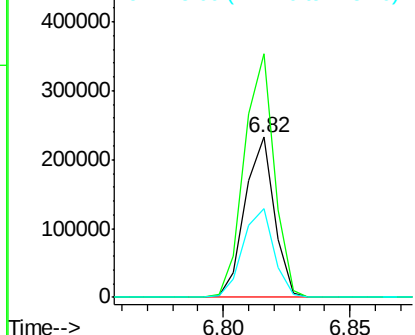
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF120938.D
Acq: 20 Jul 2020 17:42

Instrument :
BNA_F
ClientSampleId :
PW-2R

Tot Ion:152 Resp: 187789
Ion Ratio Lower Upper
152 100
150 152.4 125.0 187.6
115 55.7 47.0 70.4



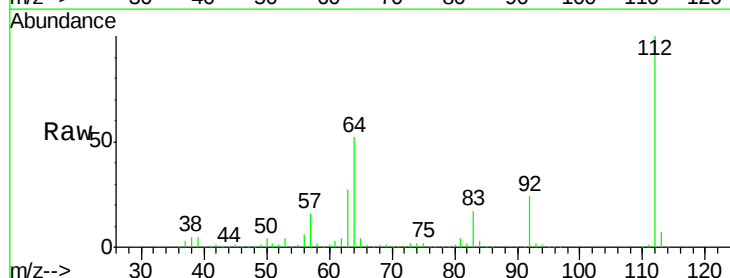
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



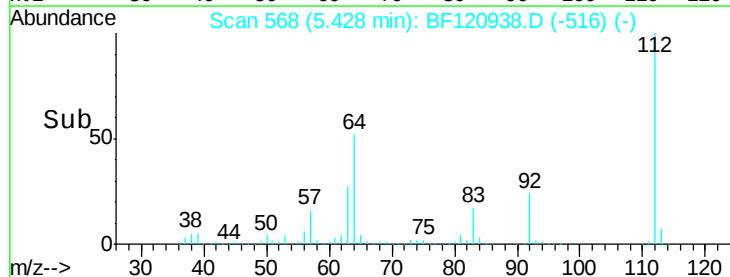
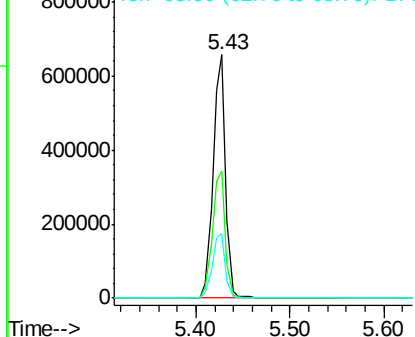
#5

2-Fluorophenol
Concen: 54.054 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF120938.D
Acq: 20 Jul 2020 17:42

Tgt Ion:112 Resp: 619196
Ion Ratio Lower Upper
112 100
64 52.1 41.3 61.9
63 26.6 21.1 31.7



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: 33.557 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120938.D

Acq: 20 Jul 2020 17:42

Instrument :

BNA_F

ClientSampleId :

PW-2R

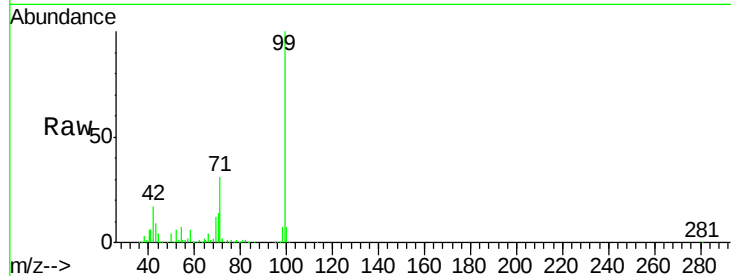
Tot Ion: 99 Resp: 496538

Ion Ratio Lower Upper

99 100

42 17.2 13.1 19.7

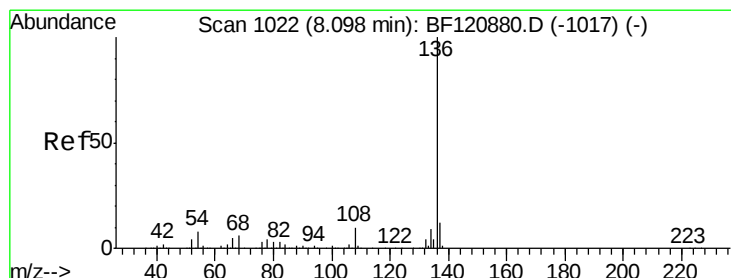
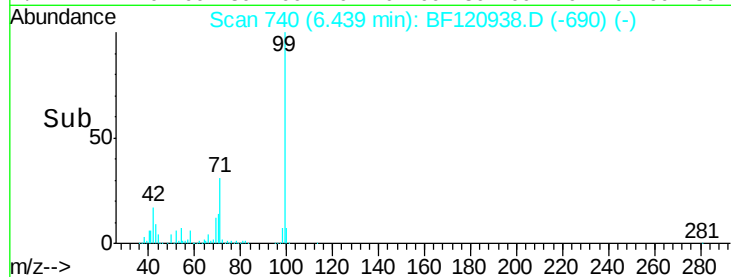
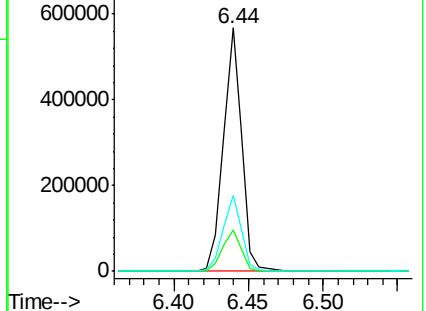
71 31.1 24.2 36.4



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: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF120938.D

Acq: 20 Jul 2020 17:42

Tgt Ion: 136 Resp: 708342

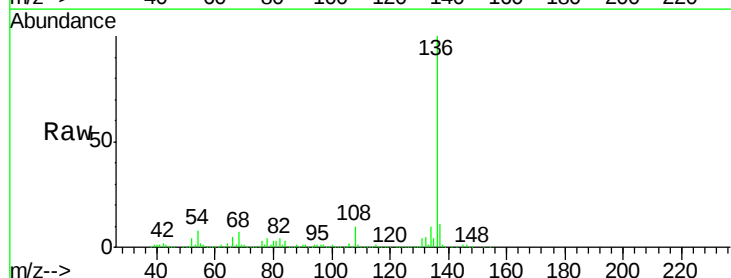
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 8.1 6.3 9.5

68 6.5 5.0 7.4

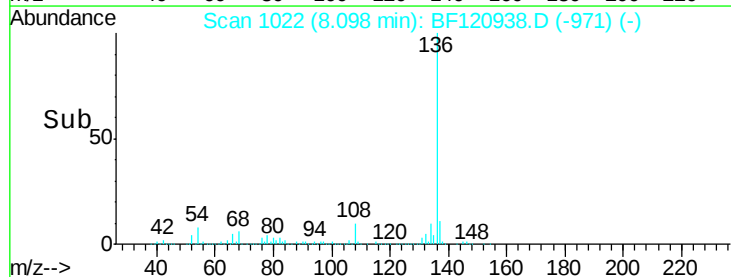
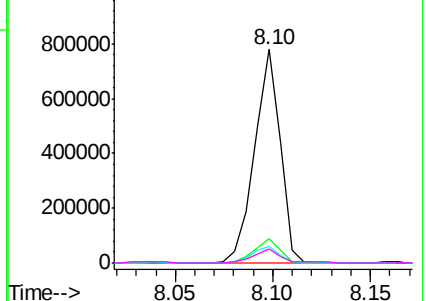


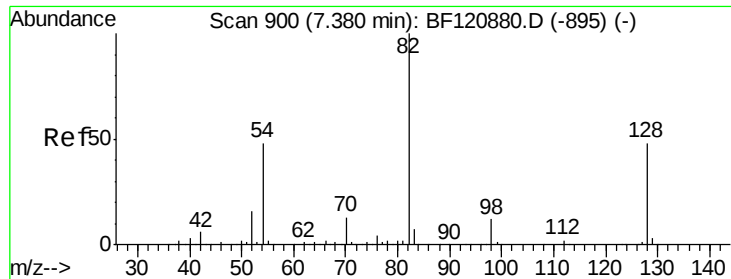
Abundance Ion 136.00 (135.70 to 136.70): E

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

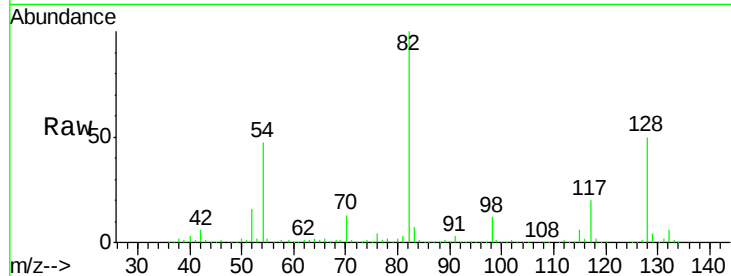




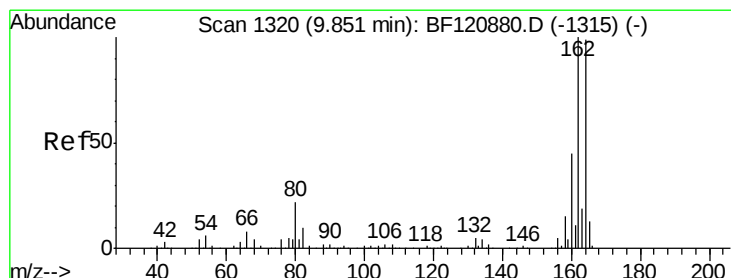
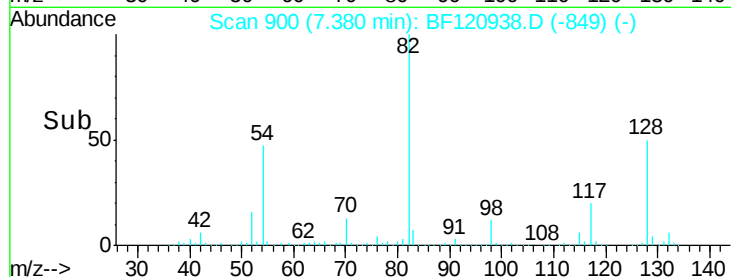
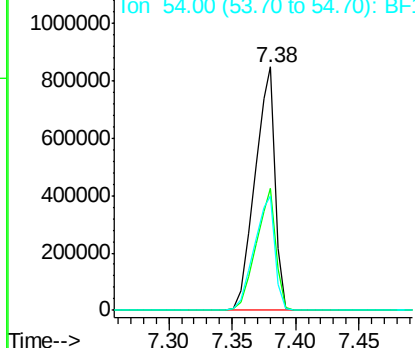
#23
 Nitrobenzene-d5
 Concen: 77.362 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF120938.D
 Acq: 20 Jul 2020 17:42

Instrument :
 BNA_F
 ClientSampleId :
 PW-2R

Tot Ion: 82 Resp: 947041
 Ion Ratio Lower Upper
 82 100
 128 49.9 38.2 57.4
 54 47.0 38.7 58.1

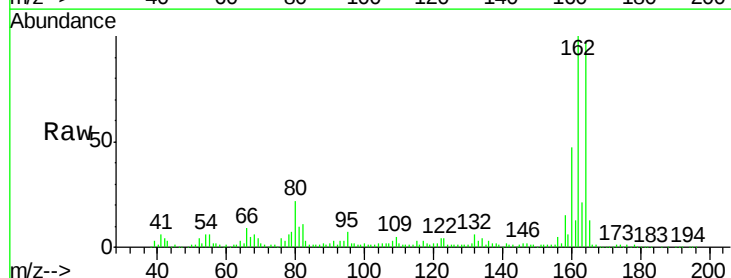


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

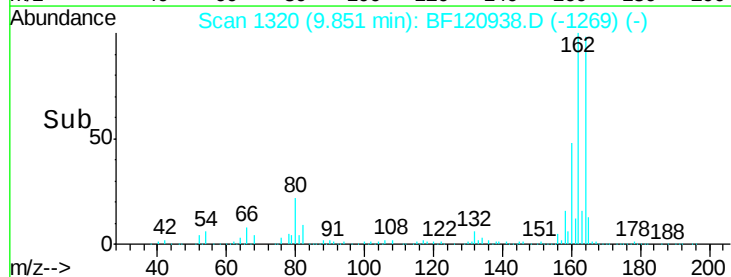
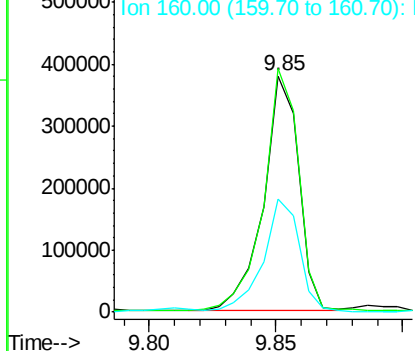


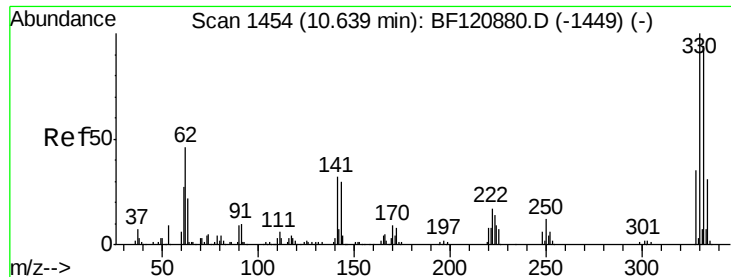
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF120938.D
 Acq: 20 Jul 2020 17:42

Tgt Ion:164 Resp: 367058
 Ion Ratio Lower Upper
 164 100
 162 103.0 81.2 121.8
 160 48.1 36.9 55.3



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: 116.971 ng

RT: 10.64 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120938.D

Acq: 20 Jul 2020 17:42

Instrument :

BNA_F

ClientSampled :

PW-2R

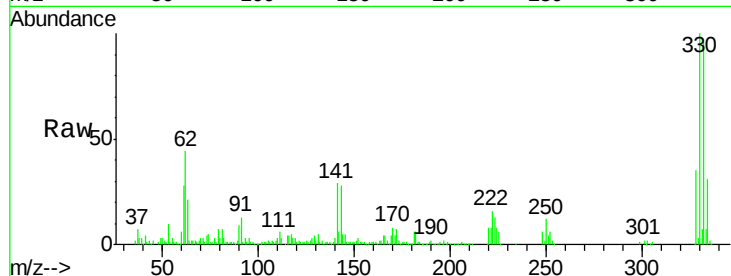
Tot Ion:330 Resp: 469967

Ion Ratio Lower Upper

330 100

332 95.6 75.5 113.3

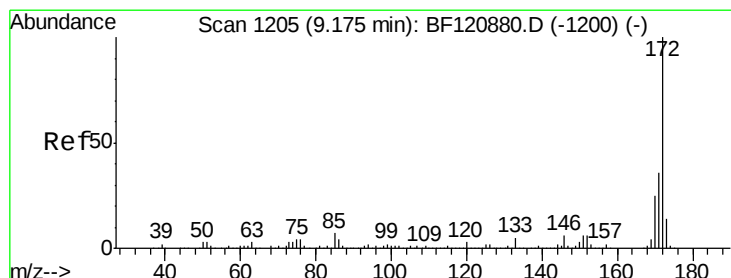
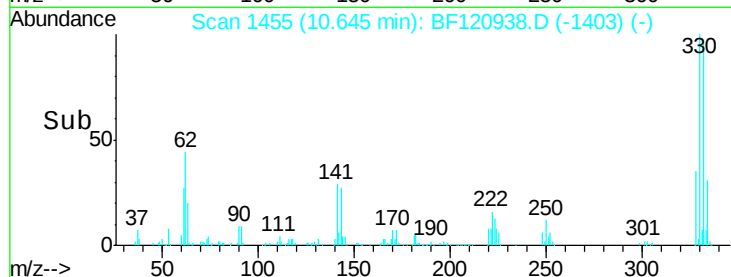
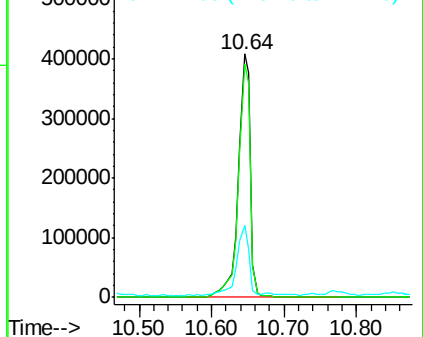
141 28.4 25.7 38.5



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: 66.650 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF120938.D

Acq: 20 Jul 2020 17:42

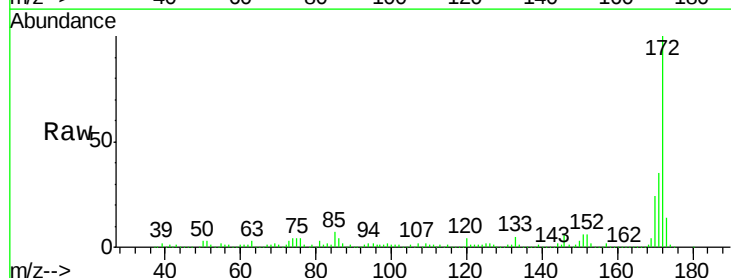
Tgt Ion:172 Resp: 1638570

Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.4

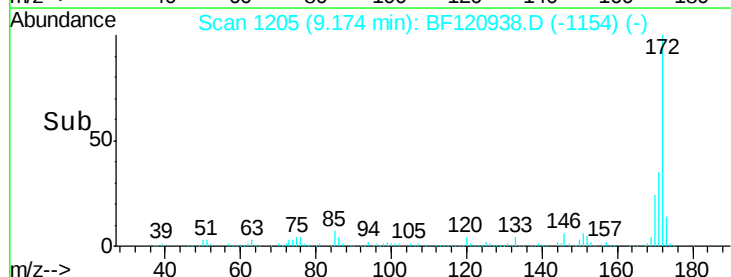
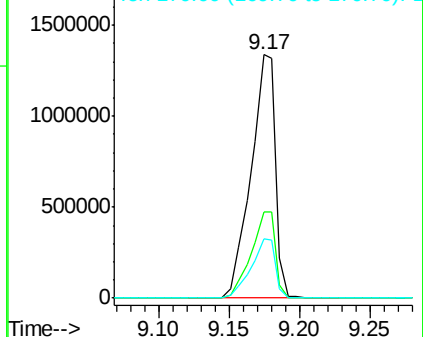
170 24.2 19.6 29.4

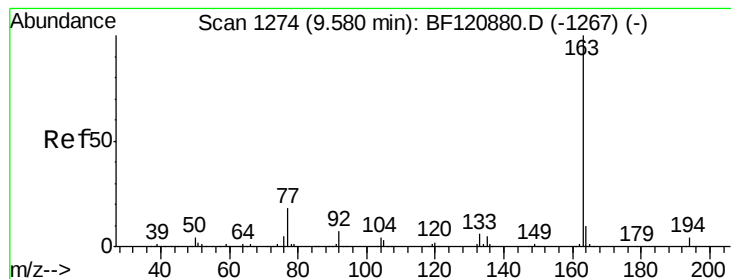


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.340 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF120938.D

Acq: 20 Jul 2020 17:42

Instrument :

BNA_F

ClientSampleId :

PW-2R

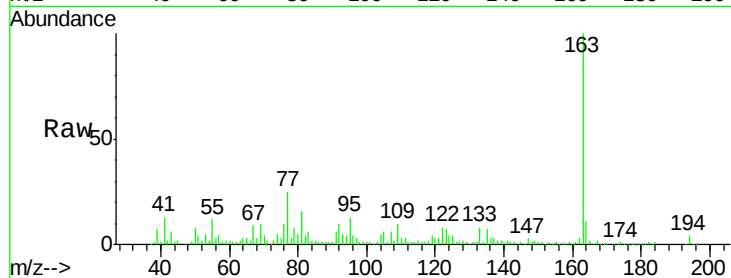
Tot Ion:163 Resp: 247319

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

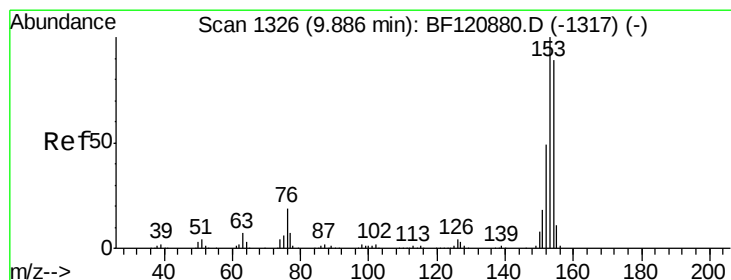
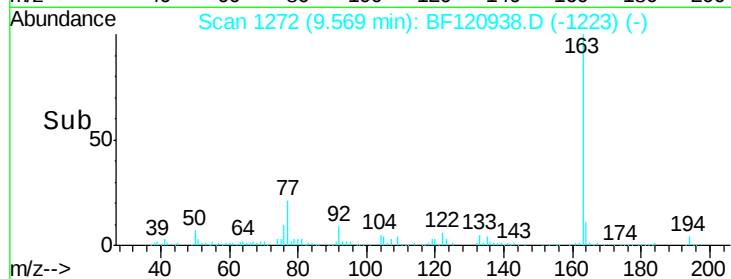
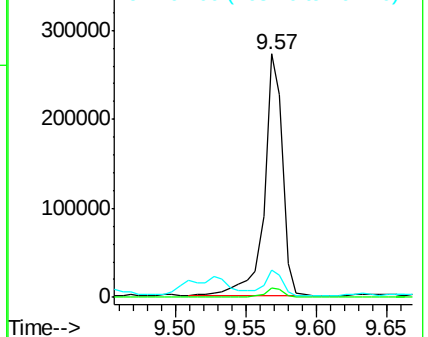
164 11.4 7.9 11.9



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



#52

Acenaphthene

Concen: 12.405 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF120938.D

Acq: 20 Jul 2020 17:42

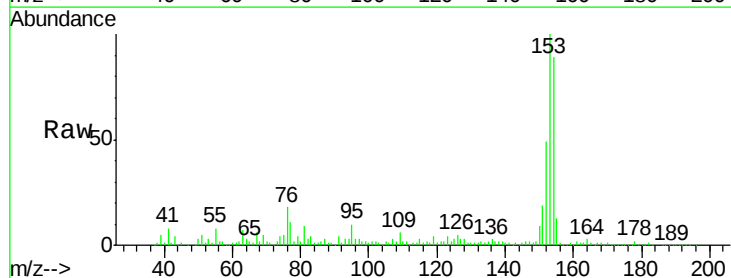
Tgt Ion:154 Resp: 279686

Ion Ratio Lower Upper

154 100

153 111.9 89.5 134.3

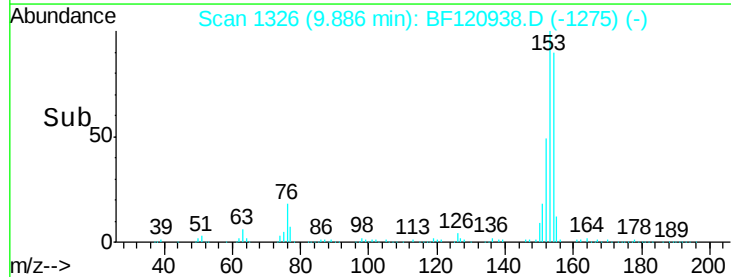
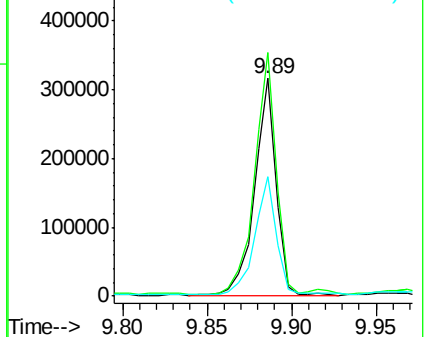
152 54.8 44.2 66.2

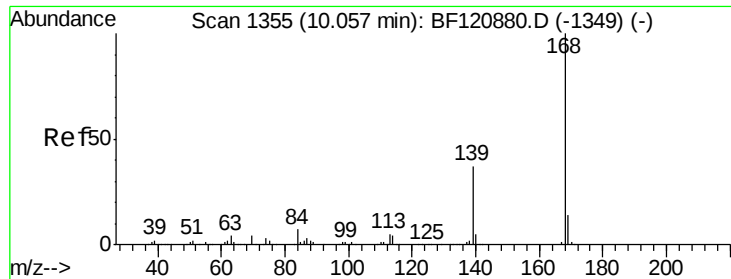


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#55

Dibenzenofuran

Concen: 3.222 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF120938.D

Acq: 20 Jul 2020 17:42

Instrument :

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ClientSampleId :

PW-2R

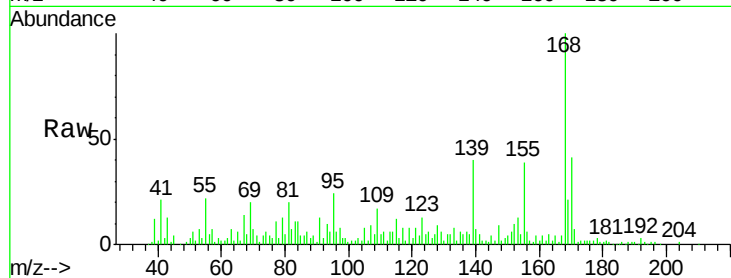
Tot Ion:168 Resp: 105062

Ion Ratio Lower Upper

168 100

139 39.8 29.7 44.5

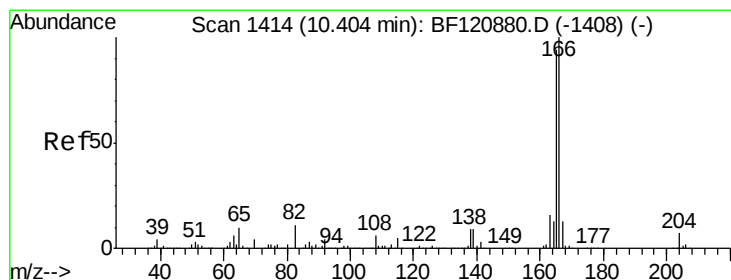
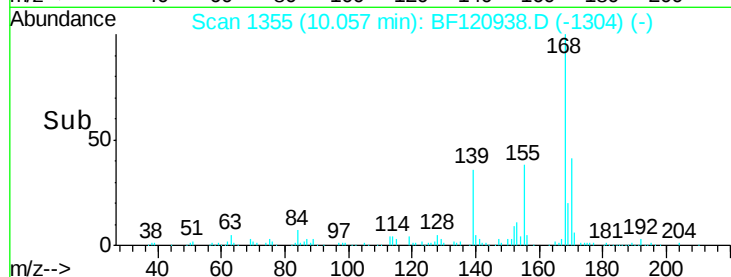
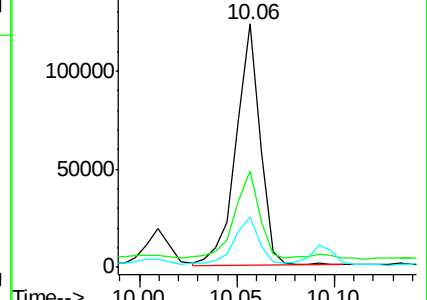
169 20.7 11.1 16.7#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#58

Fluorene

Concen: 7.977 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF120938.D

Acq: 20 Jul 2020 17:42

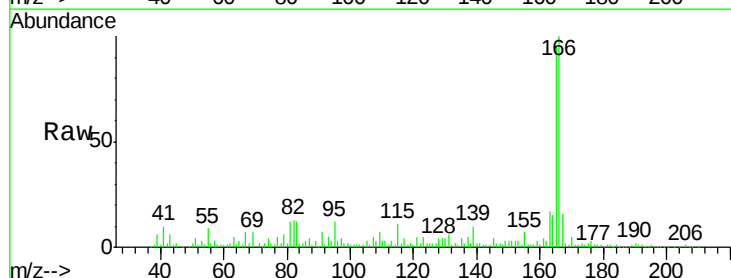
Tgt Ion:166 Resp: 193983

Ion Ratio Lower Upper

166 100

165 95.8 75.4 113.0

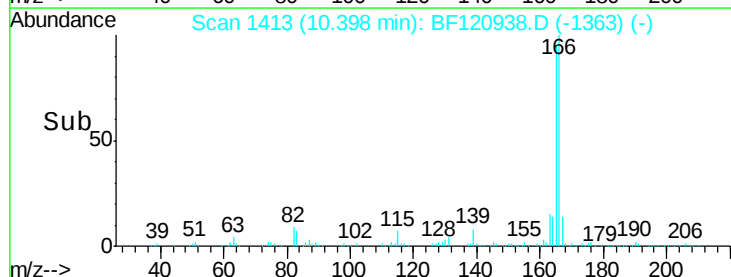
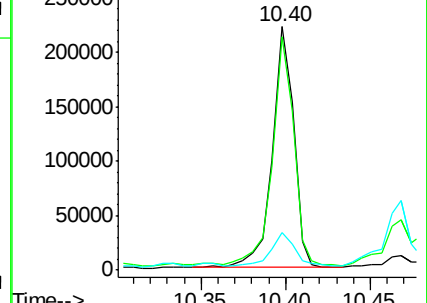
167 15.5 10.6 15.8

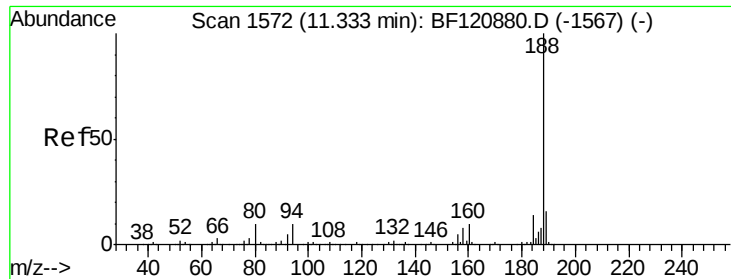


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF120938.D

Acq: 20 Jul 2020 17:42

Instrument :

BNA_F

ClientSampleId :

PW-2R

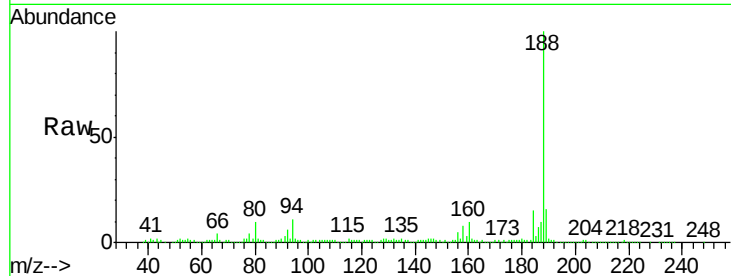
Tot Ion:188 Resp: 686733

Ion Ratio Lower Upper

188 100

94 10.6 8.0 12.0

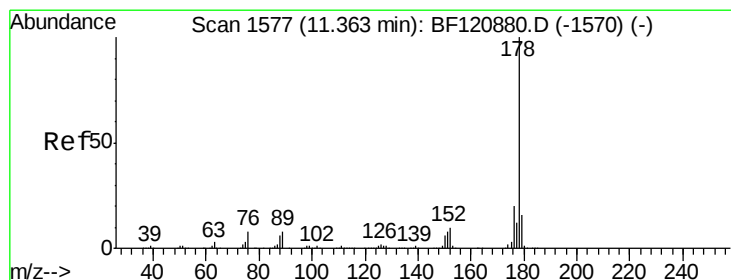
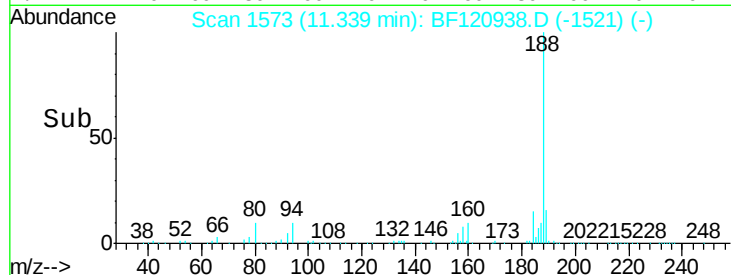
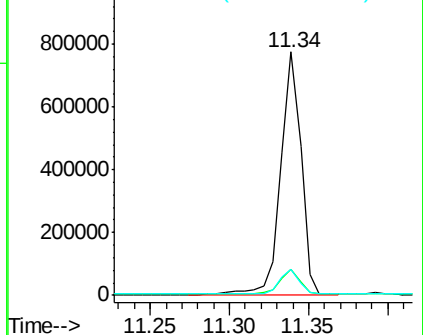
80 10.5 8.3 12.5



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: 2.179 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BF120938.D

Acq: 20 Jul 2020 17:42

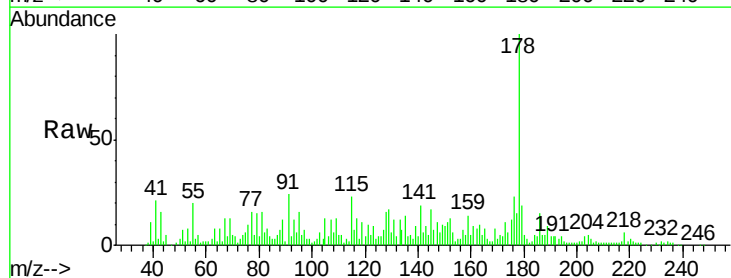
Tgt Ion:178 Resp: 76969

Ion Ratio Lower Upper

178 100

176 23.3 16.2 24.4

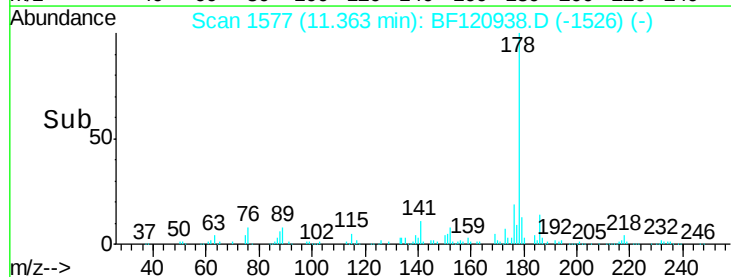
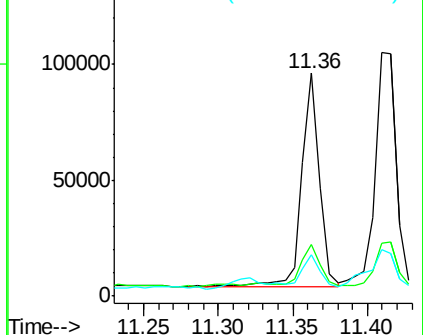
179 18.7 12.8 19.2

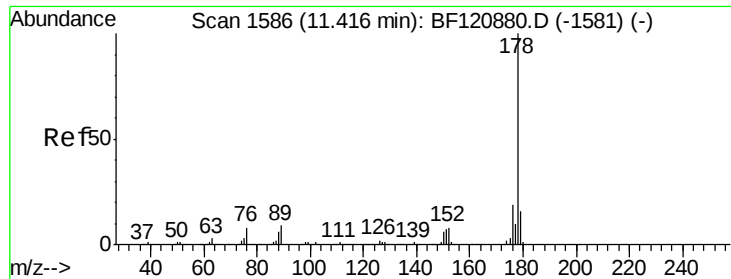


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 2.659 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF120938.D

Acq: 20 Jul 2020 17:42

Instrument :

BNA_F

ClientSampleId :

PW-2R

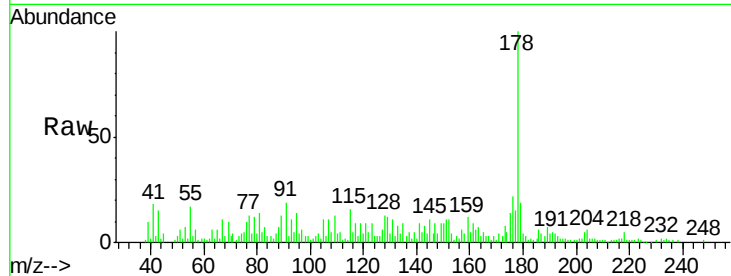
Tot Ion:178 Resp: 94294

Ion Ratio Lower Upper

178 100

176 21.9 15.5 23.3

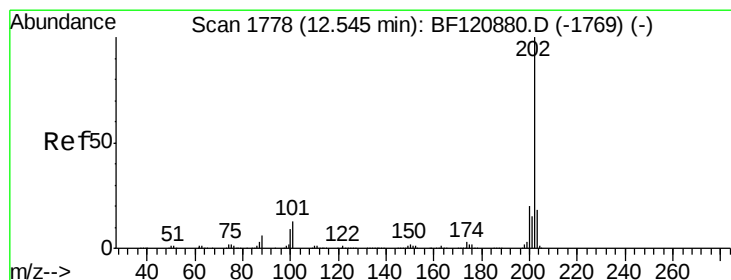
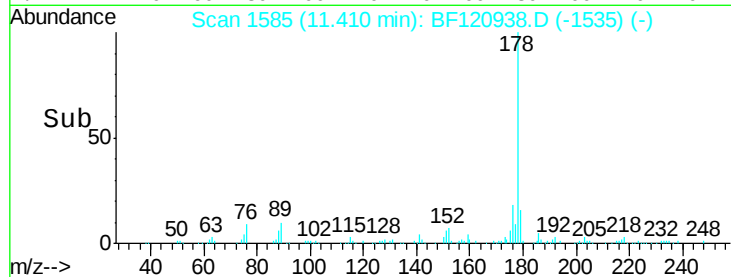
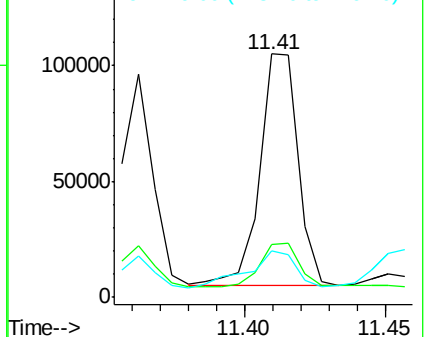
179 18.9 12.8 19.2



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: 9.642 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF120938.D

Acq: 20 Jul 2020 17:42

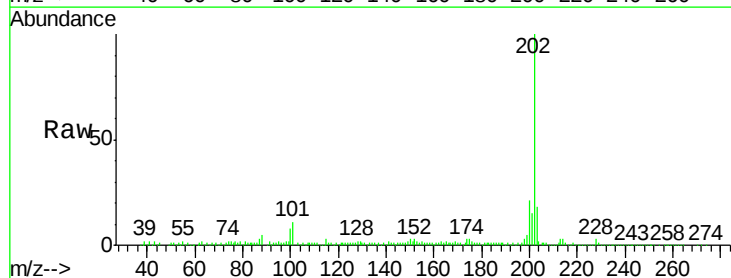
Tgt Ion:202 Resp: 377449

Ion Ratio Lower Upper

202 100

101 11.3 0.0 32.7

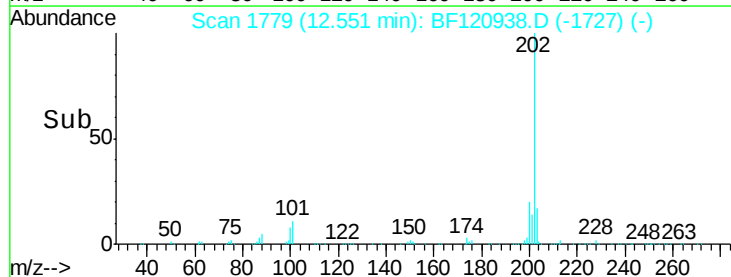
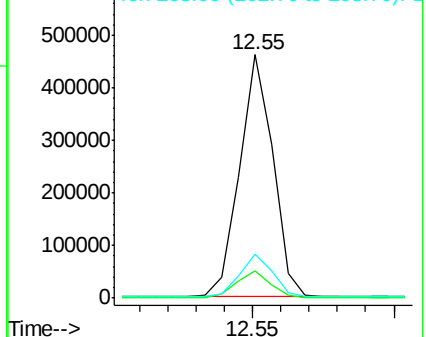
203 17.8 0.0 38.0

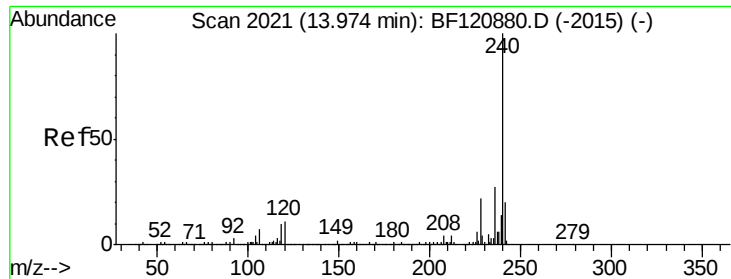


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

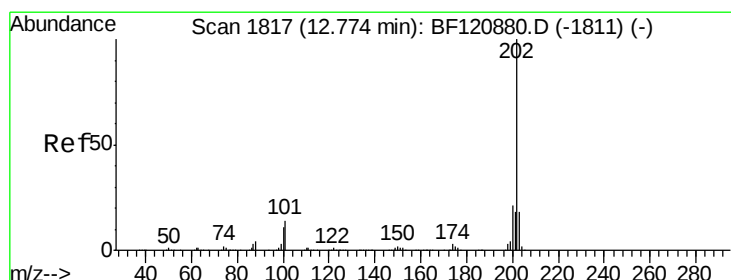
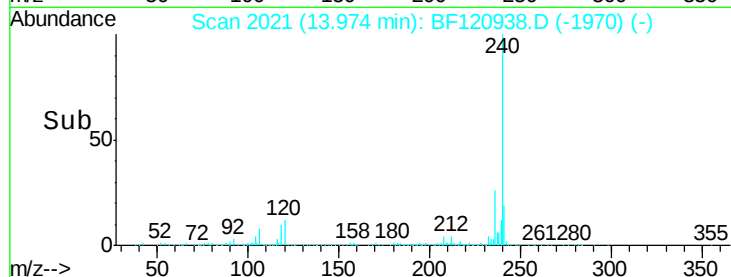
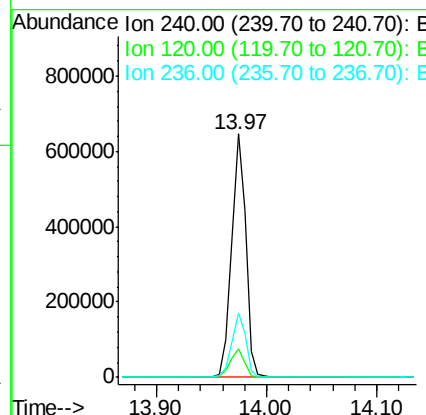
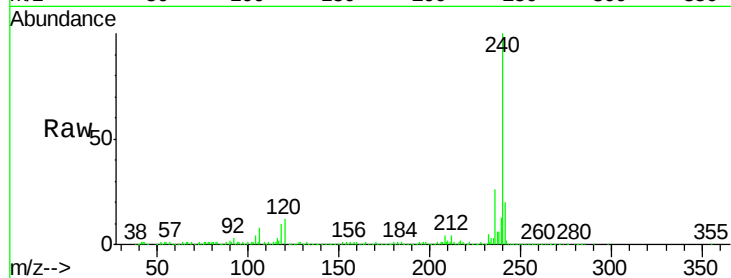




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF120938.D
Acq: 20 Jul 2020 17:42

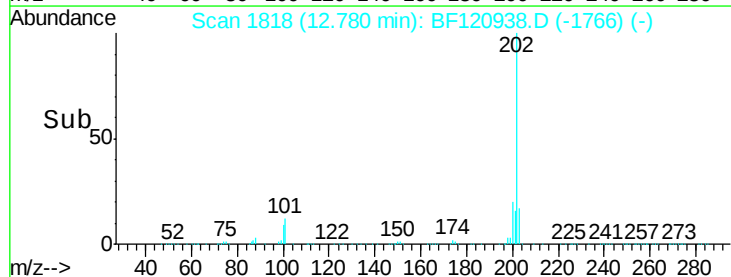
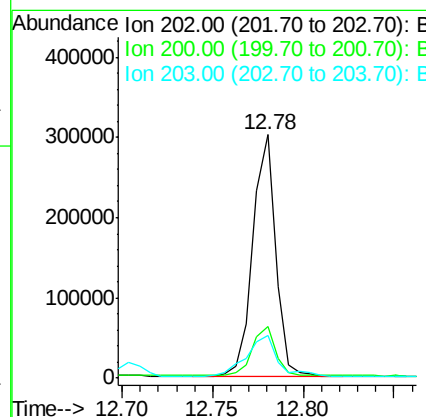
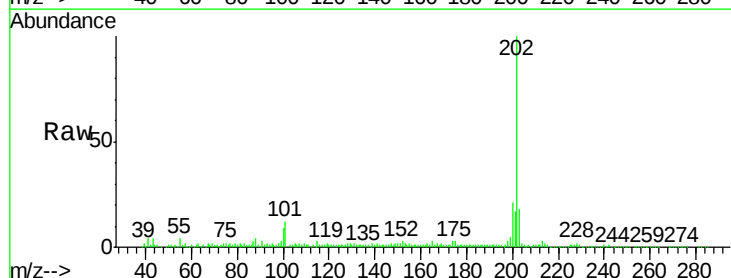
Instrument :
BNA_F
ClientSampleId :
PW-2R

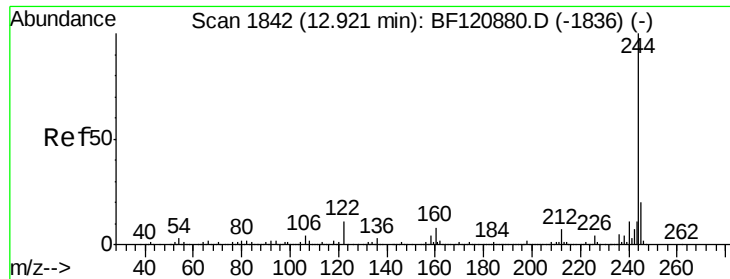
Tot Ion:240 Resp: 584261
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.4
236 26.5 21.7 32.5



#78
Pyrene
Concen: 6.391 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF120938.D
Acq: 20 Jul 2020 17:42

Tgt Ion:202 Resp: 263980
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.5 14.4 21.6

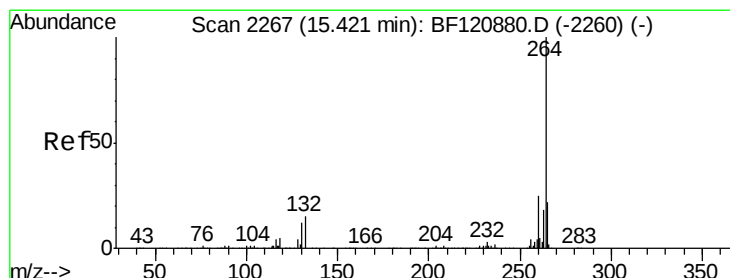
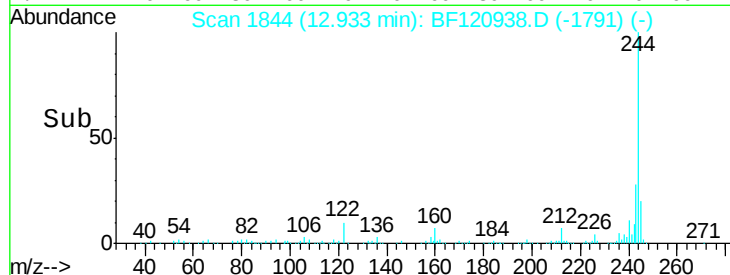
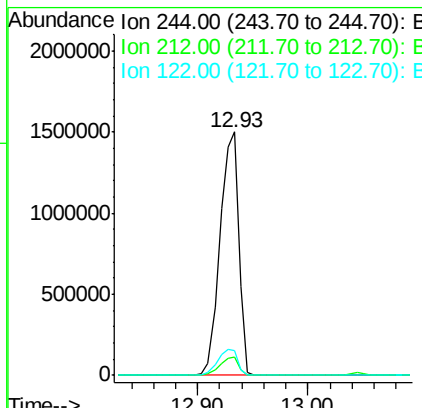
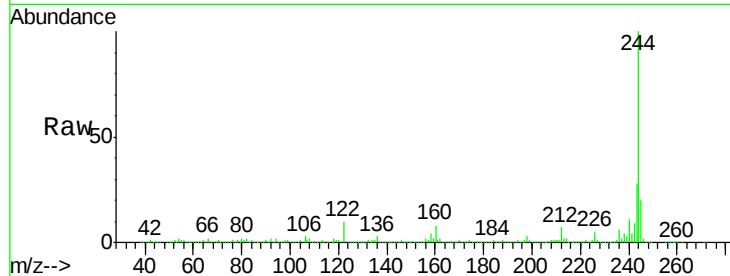




#79
 Terphenyl-d14
 Concen: 65.825 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: BF120938.D
 Acq: 20 Jul 2020 17:42

Instrument :
 BNA_F
 ClientSampleId :
 PW-2R

Tot Ion:244 Resp: 1769230
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 10.2 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BF120938.D
 Acq: 20 Jul 2020 17:42

Tgt Ion:264 Resp: 461138
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.0 30.0
 265 21.6 17.4 26.2

