

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120845.D
 Acq On : 10 Jul 2020 22:03
 Operator : JU/CG
 Sample : L3259-01 20X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-2-DRUM

Quant Time: Jul 11 02:47:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	170544	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	630106	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	288617	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	472268	20.00	ng	0.00
76) Chrysene-d12	14.01	240	362079	20.00	ng	0.00
86) Perylene-d12	15.47	264	407867	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	8311	0.75	ng	0.00
7) Phenol-d6	6.46	99	11857	0.84	ng	-0.01
23) Nitrobenzene-d5	7.40	82	7127	0.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	2214	0.76	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	17893	0.94	ng	0.00
79) Terphenyl-d14	12.96	244	16974	0.92	ng	0.00

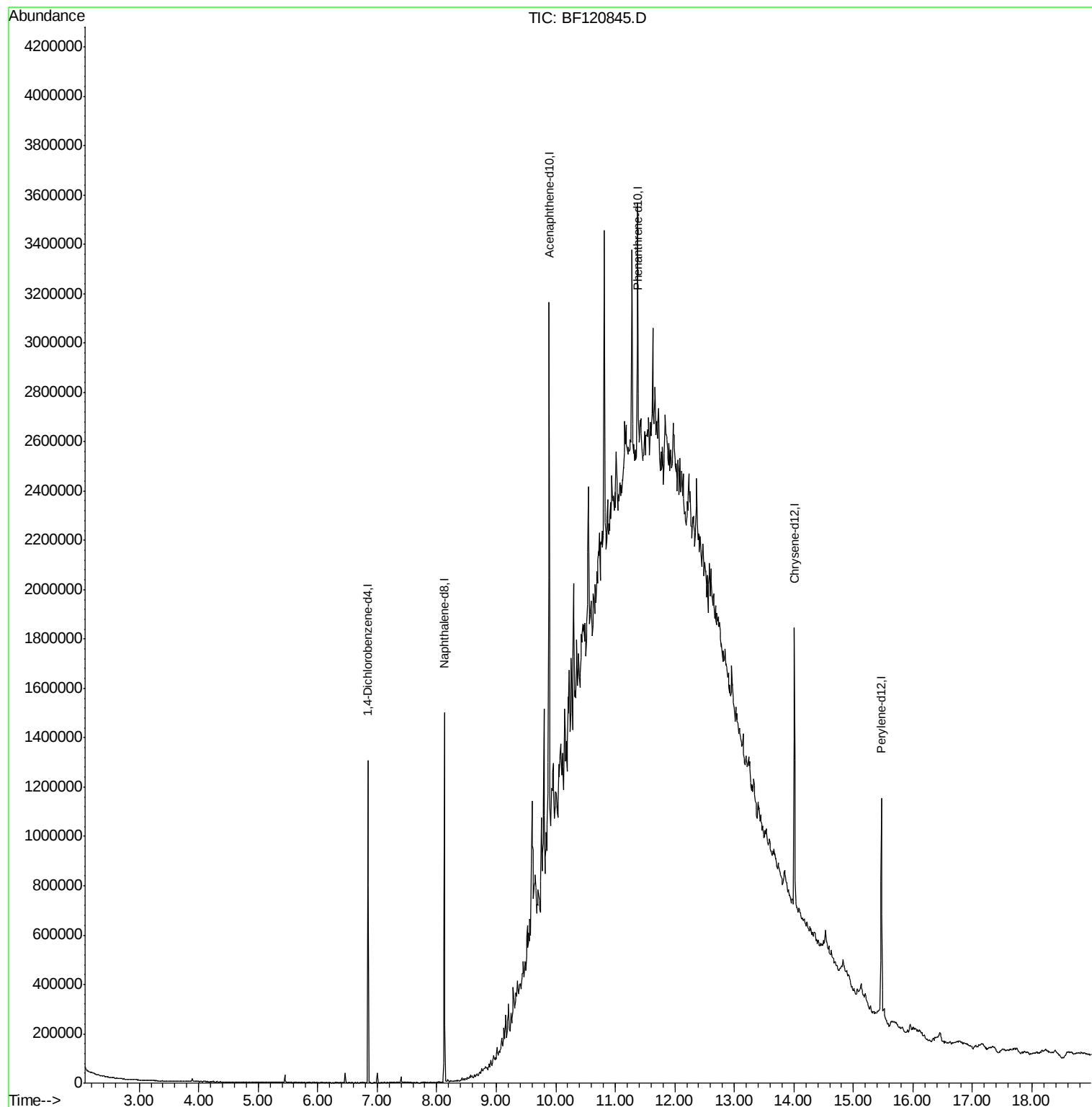
Target Compounds Qvalue

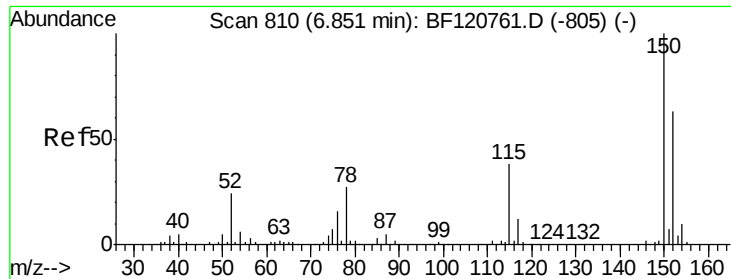
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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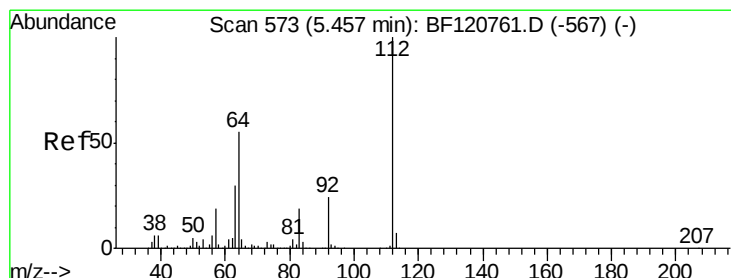
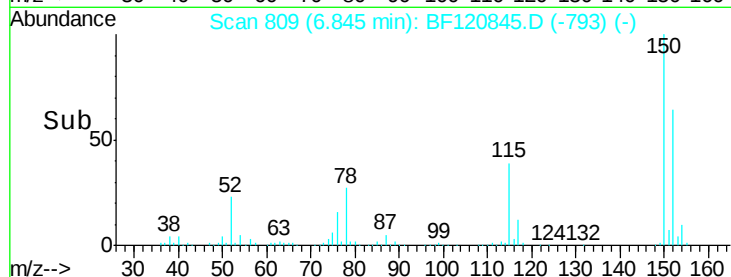
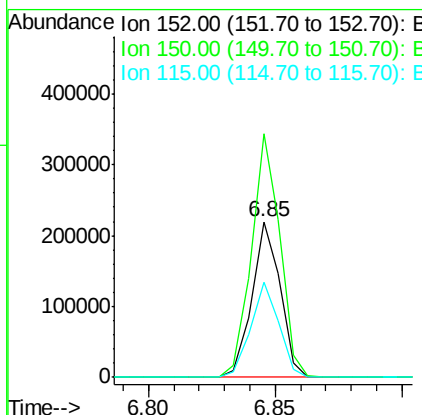
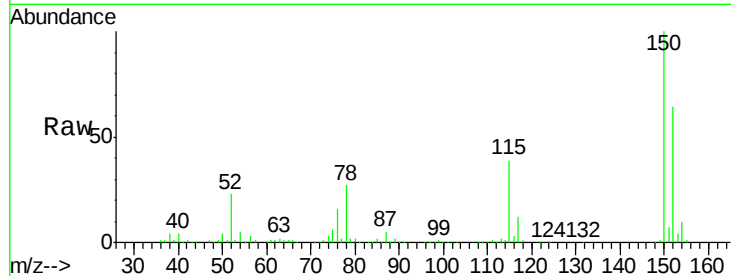


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120845.D
Acq: 10 Jul 2020 22:03

Instrument :
BNA_F
ClientSampleId :
T-2-DRUM

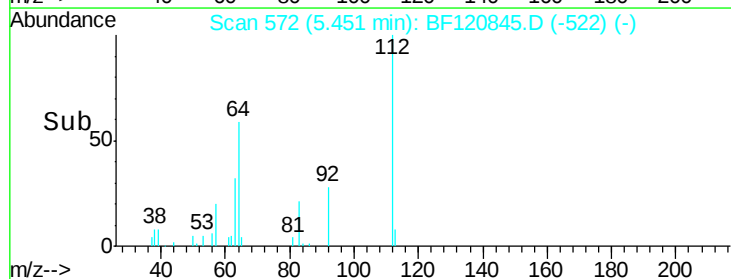
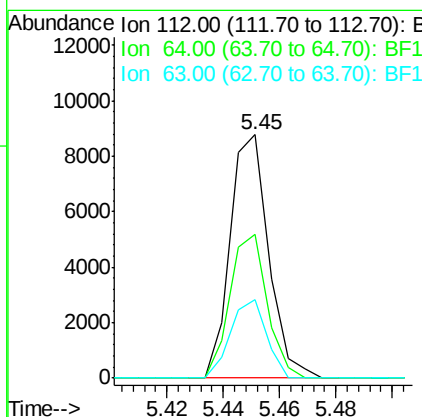
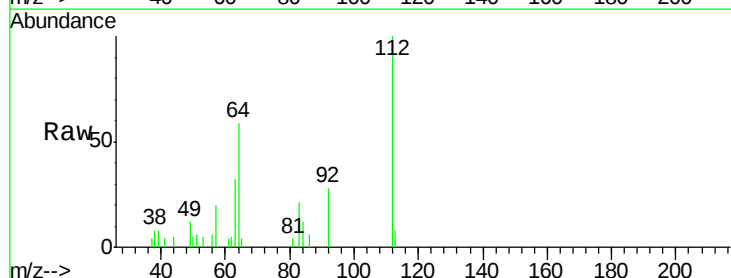
Tot Ion:152 Resp: 170544
Ion Ratio Lower Upper
152 100
150 156.6 126.1 189.1
115 61.1 48.5 72.7

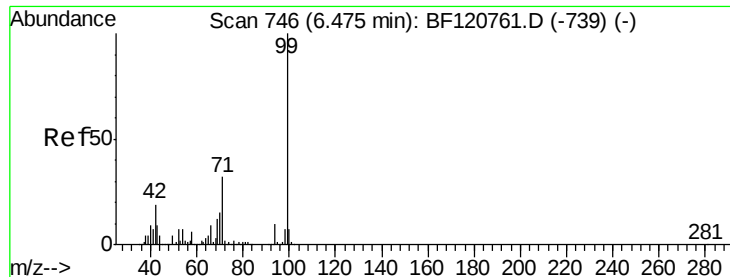


#5

2-Fluorophenol
Concen: 0.752 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF120845.D
Acq: 10 Jul 2020 22:03

Tgt Ion:112 Resp: 8311
Ion Ratio Lower Upper
112 100
64 59.1 43.8 65.6
63 32.1 23.6 35.4





#7

Phenol-d6

Concen: 0.840 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF120845.D

Acq: 10 Jul 2020 22:03

Instrument :

BNA_F

ClientSampleId :

T-2-DRUM

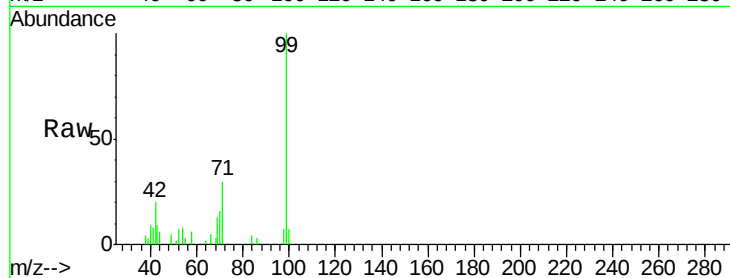
Tot Ion: 99 Resp: 11857

Ion Ratio Lower Upper

99 100

42 19.9 15.4 23.0

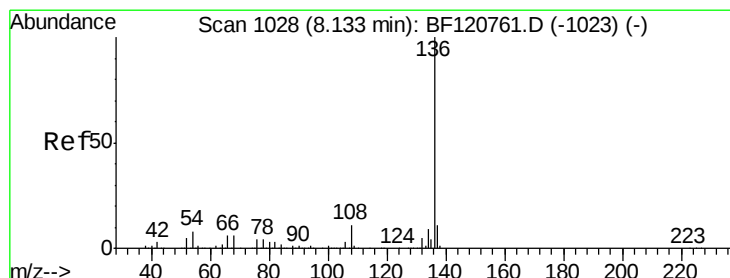
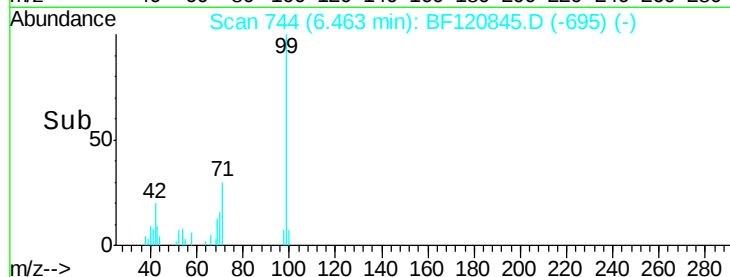
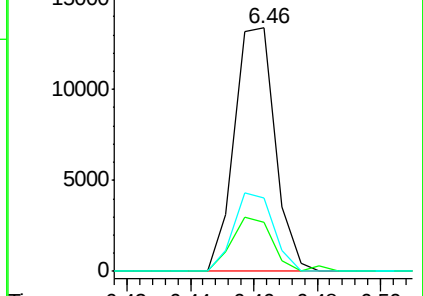
71 30.1 25.9 38.9



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF120845.D

Acq: 10 Jul 2020 22:03

Tgt Ion: 136 Resp: 630106

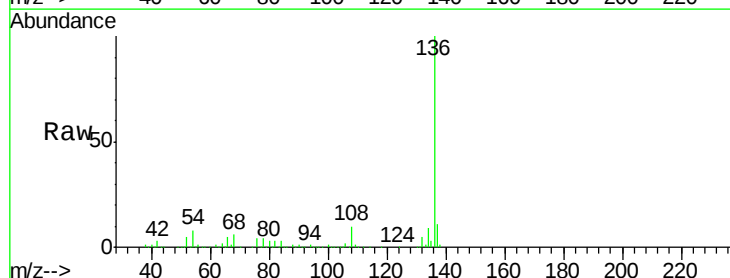
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.2 6.2 9.4

68 6.3 4.7 7.1

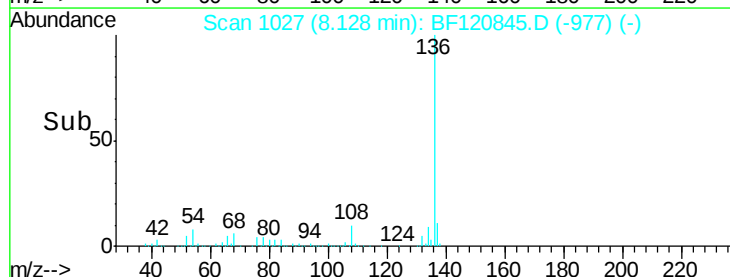
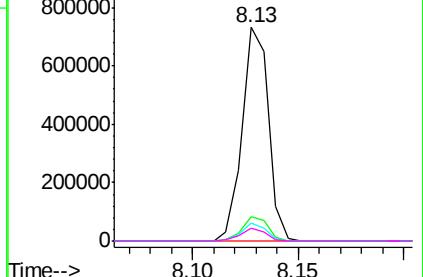


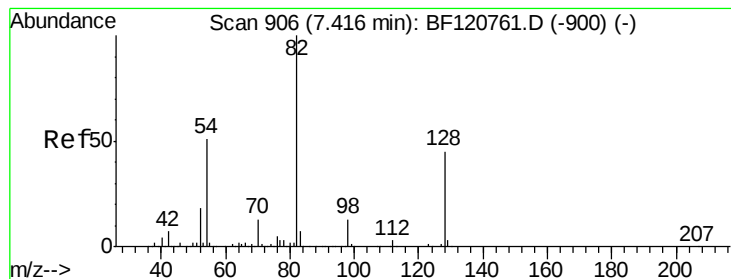
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.655 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF120845.D

Acq: 10 Jul 2020 22:03

Instrument :

BNA_F

ClientSampleId :

T-2-DRUM

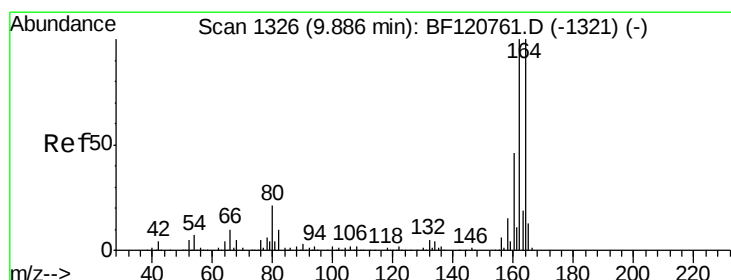
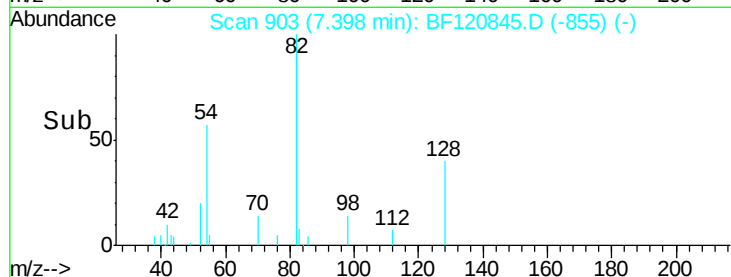
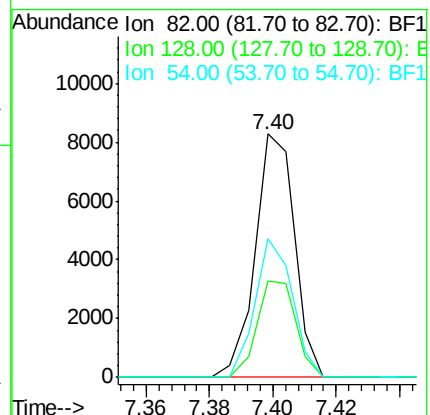
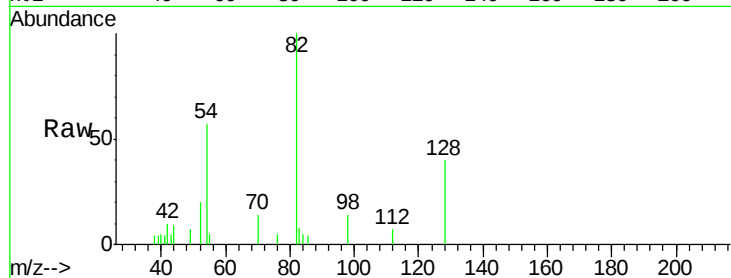
Tot Ion: 82 Resp: 7127

Ion Ratio Lower Upper

82 100

128 39.8 35.7 53.5

54 57.0 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120845.D

Acq: 10 Jul 2020 22:03

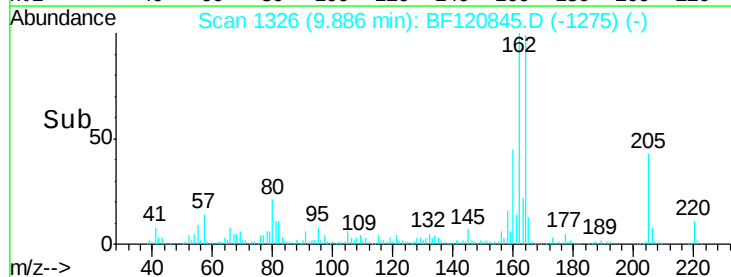
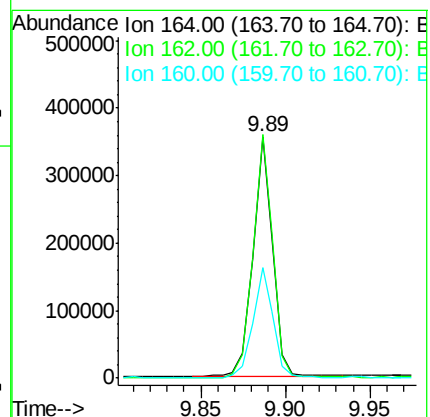
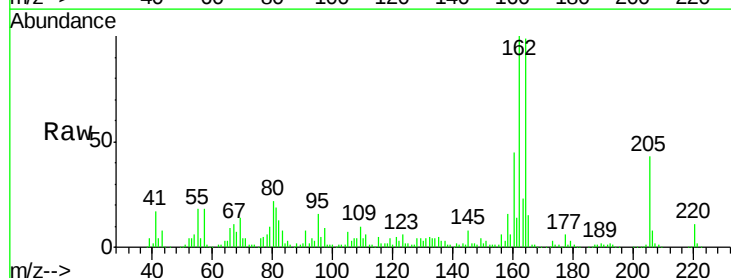
Tgt Ion: 164 Resp: 288617

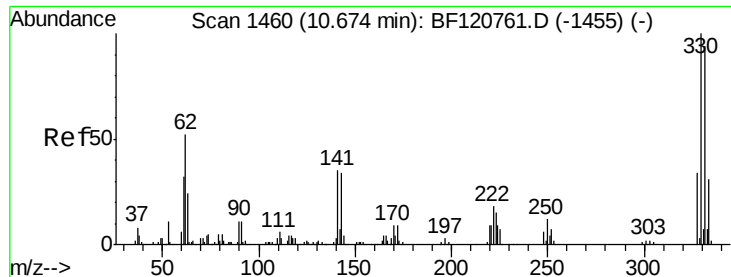
Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

160 45.9 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 0.764 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF120845.D

Acq: 10 Jul 2020 22:03

Instrument :

BNA_F

ClientSampleId :

T-2-DRUM

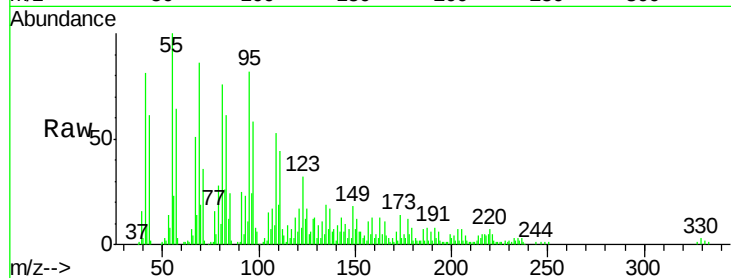
Tot Ion:330 Resp: 2214

Ion Ratio Lower Upper

330 100

332 91.8 75.8 113.6

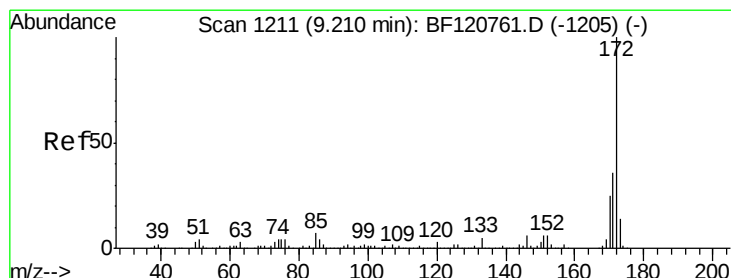
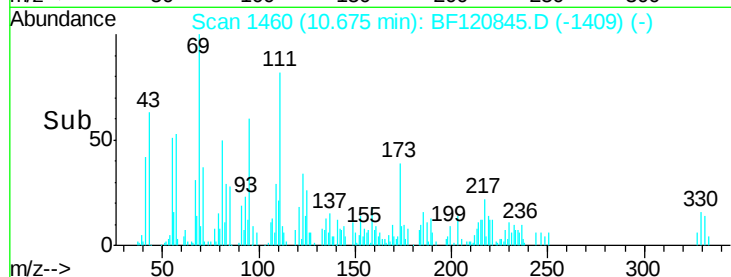
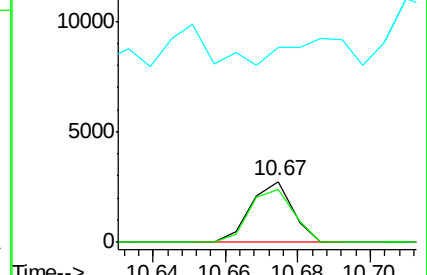
141 64.0 29.7 44.5#



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: 0.938 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF120845.D

Acq: 10 Jul 2020 22:03

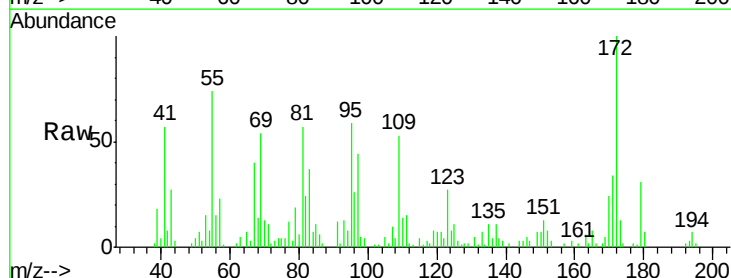
Tgt Ion:172 Resp: 17893

Ion Ratio Lower Upper

172 100

171 33.7 29.1 43.7

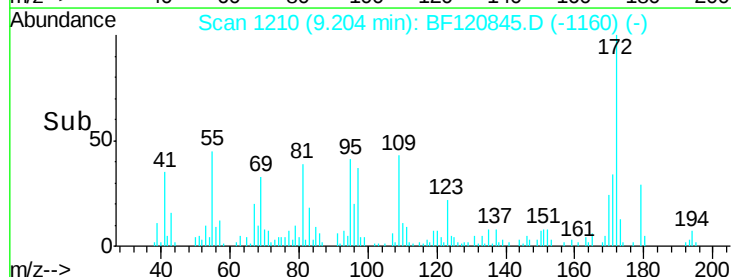
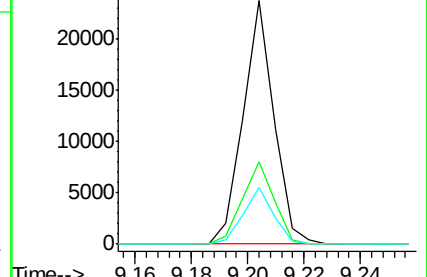
170 23.5 19.8 29.6

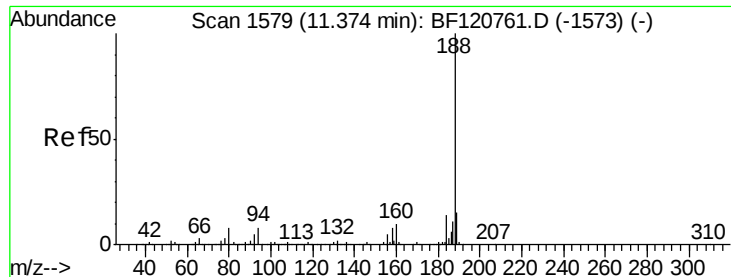


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF120845.D

Acq: 10 Jul 2020 22:03

Instrument :

BNA_F

ClientSampleId :

T-2-DRUM

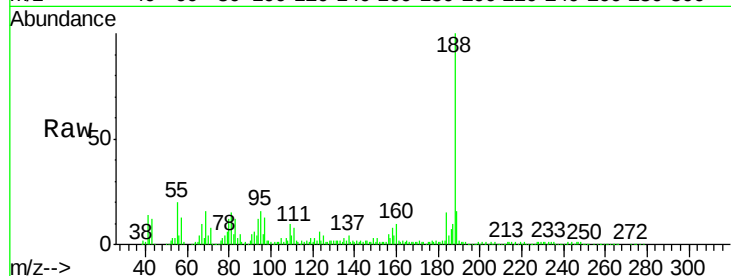
Tot Ion:188 Resp: 472268

Ion Ratio Lower Upper

188 100

94 11.7 6.6 9.8#

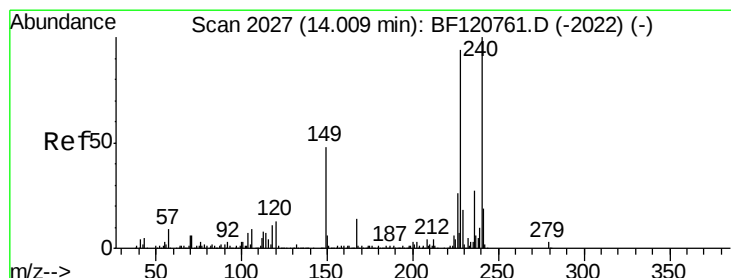
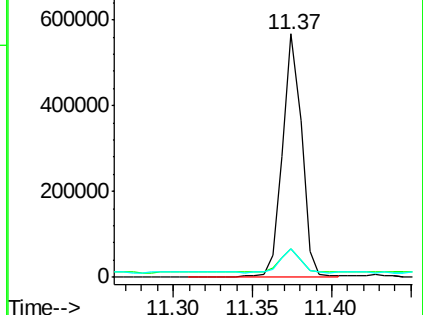
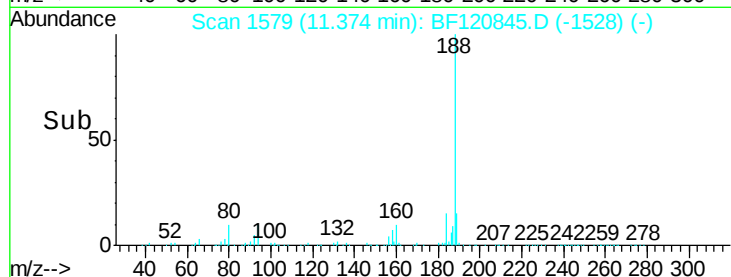
80 11.8 6.6 10.0#



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: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF120845.D

Acq: 10 Jul 2020 22:03

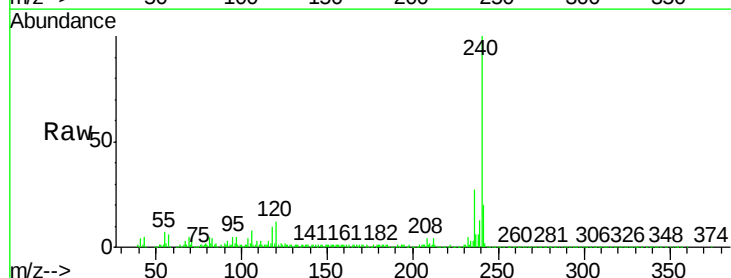
Tgt Ion:240 Resp: 362079

Ion Ratio Lower Upper

240 100

120 12.2 10.3 15.5

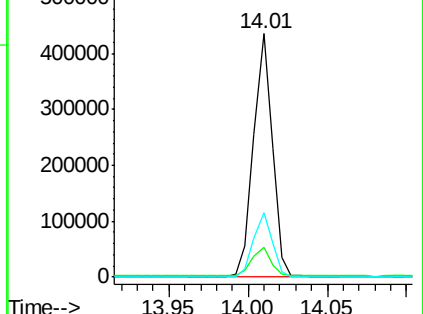
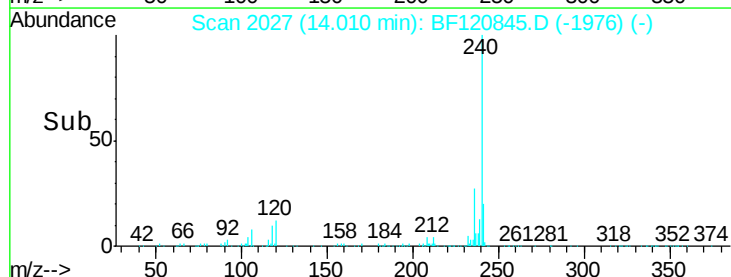
236 26.7 21.4 32.2

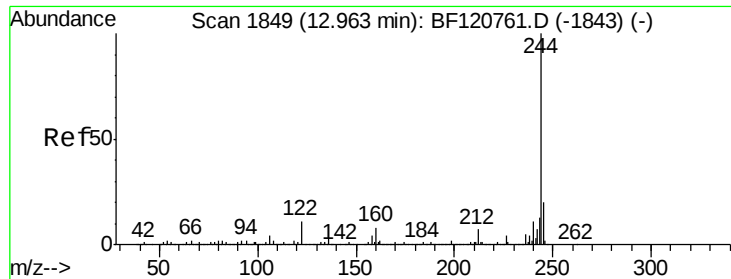


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 0.918 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF120845.D

Acq: 10 Jul 2020 22:03

Instrument :

BNA_F

ClientSampleId :

T-2-DRUM

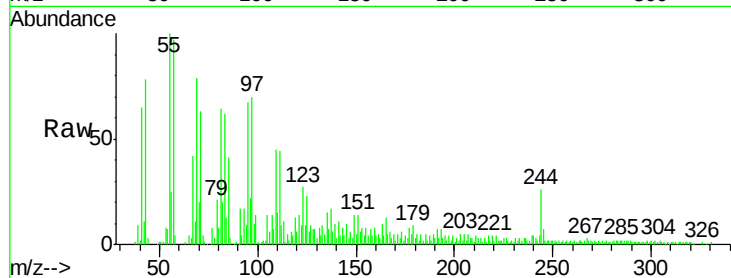
Tot Ion:244 Resp: 16974

Ion Ratio Lower Upper

244 100

212 11.5 5.6 8.4#

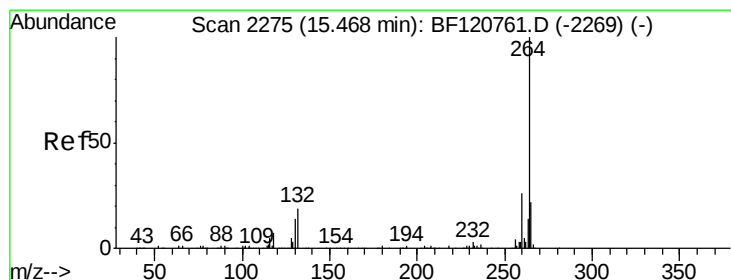
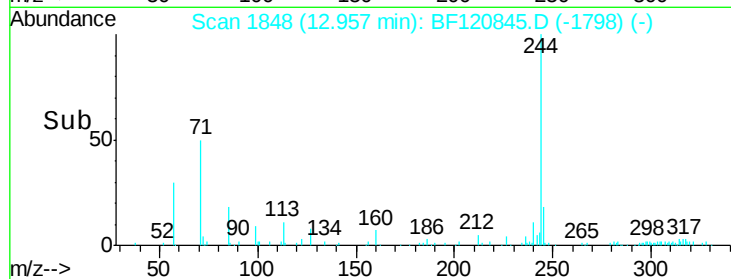
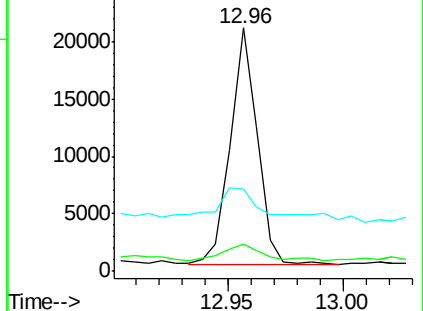
122 33.8 9.0 13.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF120845.D

Acq: 10 Jul 2020 22:03

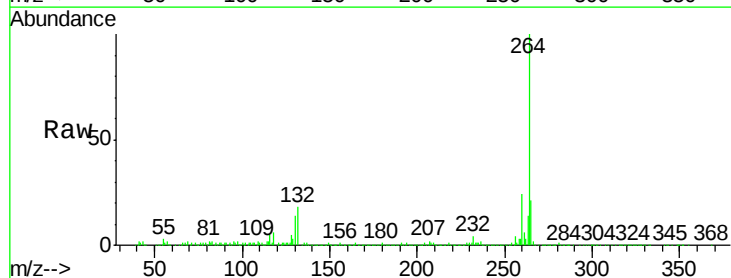
Tgt Ion:264 Resp: 407867

Ion Ratio Lower Upper

264 100

260 24.3 20.6 30.8

265 21.3 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

