

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120729.D
 Acq On : 29 Jun 2020 15:59
 Operator : JU/CG
 Sample : L3129-11 20X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1308

Quant Time: Jun 29 17:23:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	107095	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	476914	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	105488	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	321184	20.00	ng	0.02
76) Chrysene-d12	13.96	240	207063	20.00	ng	0.00
86) Perylene-d12	15.39	264	207858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1196	0.19	ng	0.00
7) Phenol-d6	6.43	99	1030	0.13	ng	0.00
23) Nitrobenzene-d5	7.35	82	2279	0.27	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	748	0.61	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	3059	0.44	ng	0.00
79) Terphenyl-d14	12.90	244	8258	0.88	ng	0.00

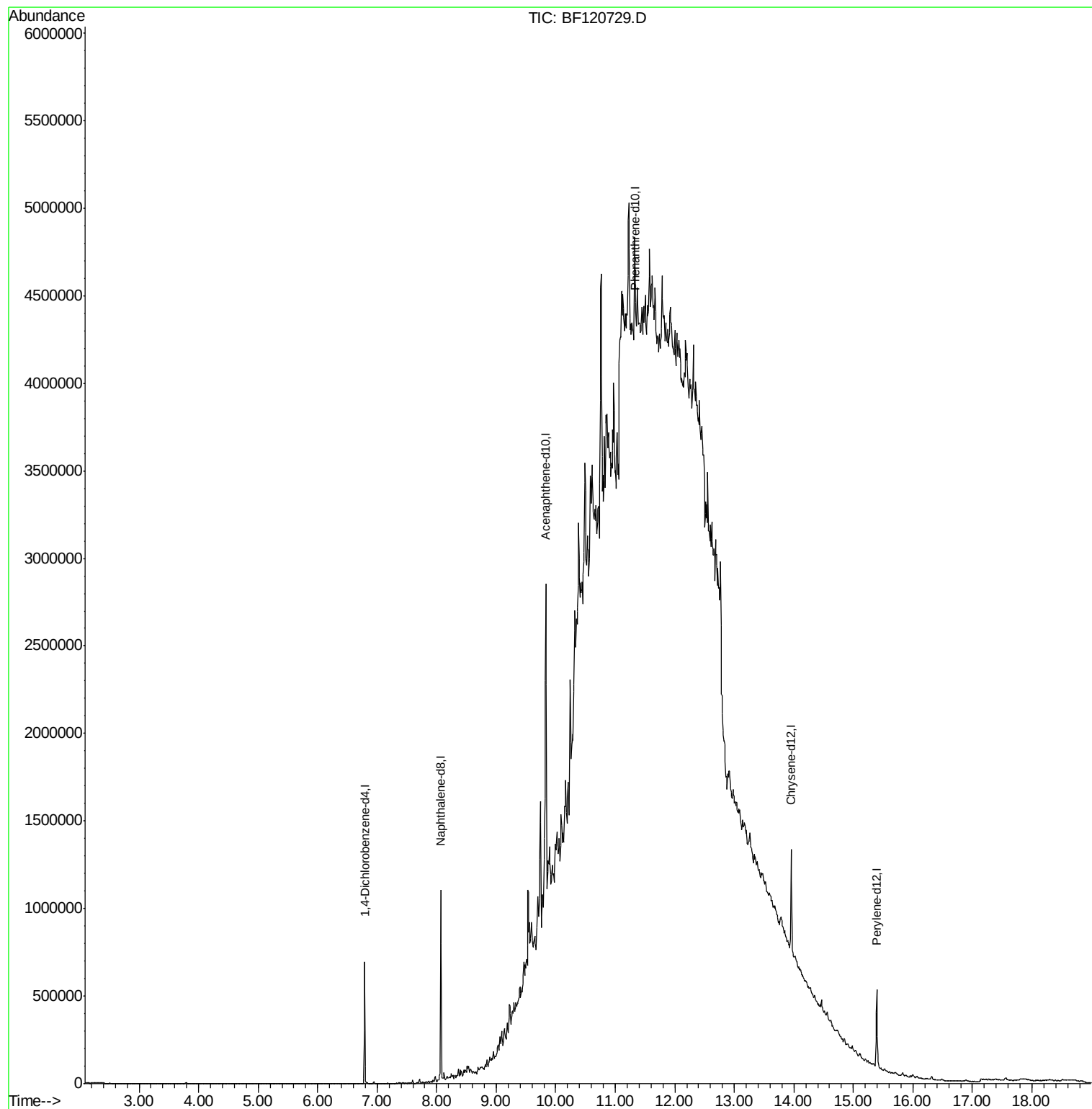
Target Compounds Qvalue

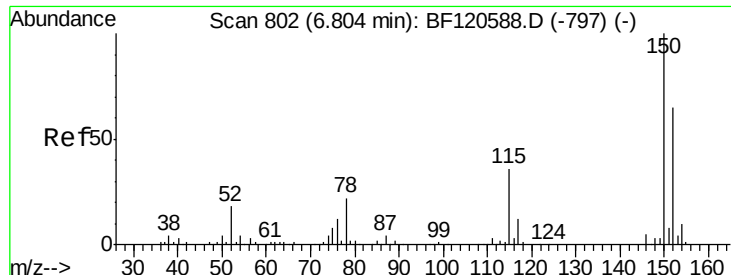
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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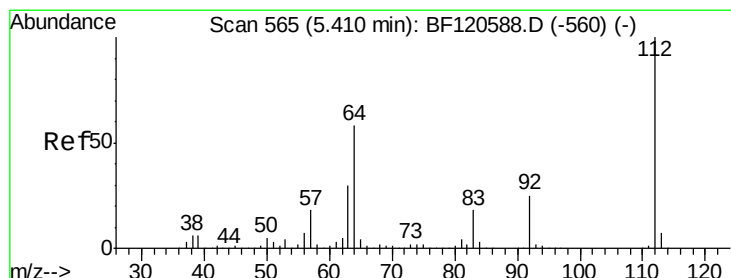
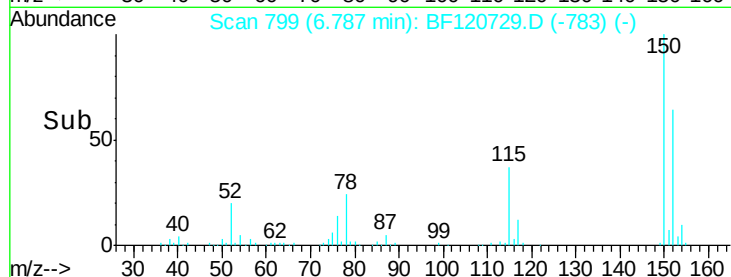
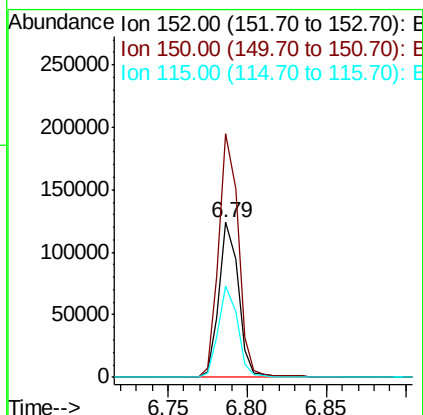
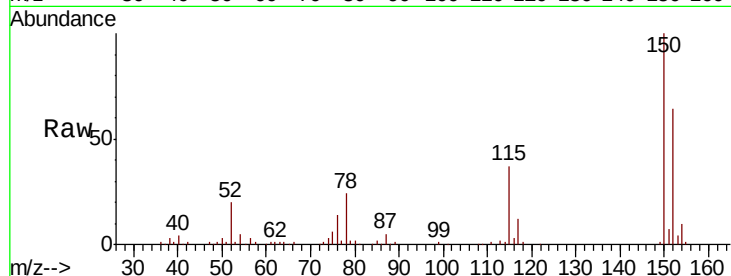


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF120729.D
 Acq: 29 Jun 2020 15:59

Instrument :
 BNA_F
 ClientSampleId :
 1308

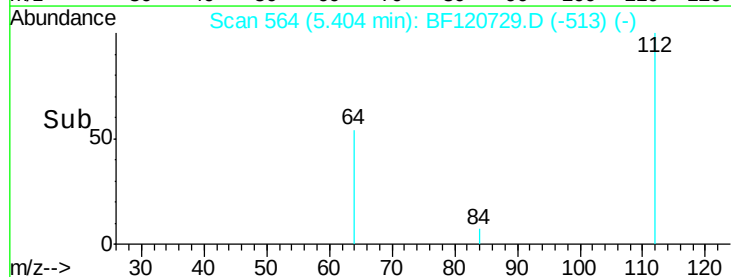
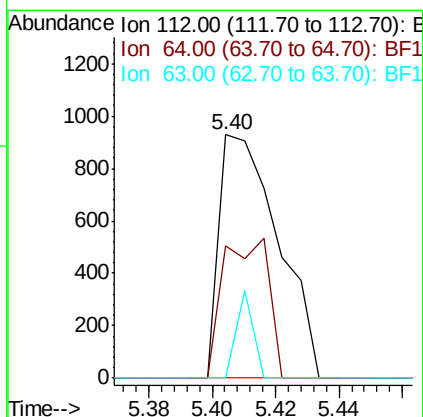
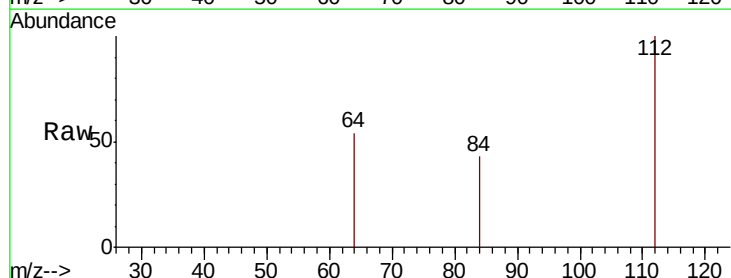
Tot Ion:152 Resp: 107095
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 187.0
 115 59.0 44.2 66.4

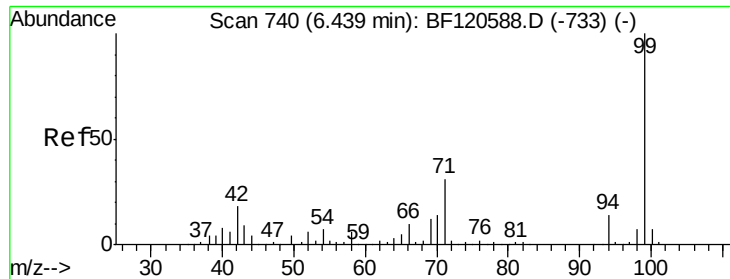


#5

2-Fluorophenol
 Concen: 0.191 ng
 RT: 5.40 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF120729.D
 Acq: 29 Jun 2020 15:59

Tgt Ion:112 Resp: 1196
 Ion Ratio Lower Upper
 112 100
 64 54.5 42.2 63.2
 63 0.0 21.7 32.5#





#7

Phenol-d6

Concen: 0.132 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF120729.D

Acq: 29 Jun 2020 15:59

Instrument :

BNA_F

ClientSampleId :

1308

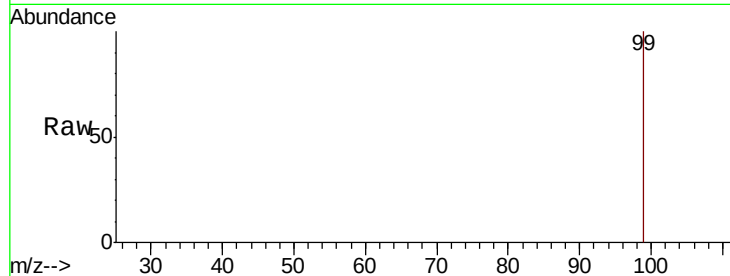
Tot Ion: 99 Resp: 1030

Ion Ratio Lower Upper

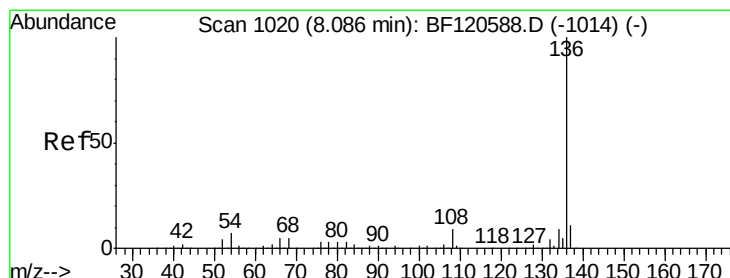
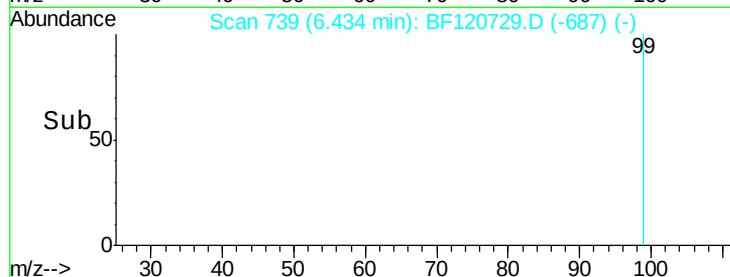
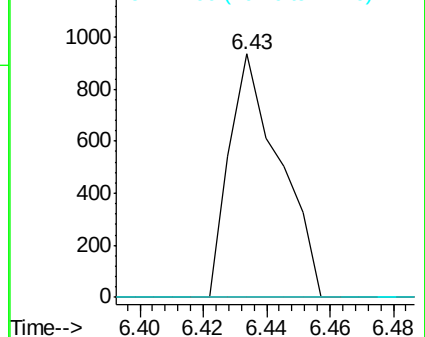
99 100

42 0.0 14.2 21.4#

71 0.0 25.4 38.2#



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: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF120729.D

Acq: 29 Jun 2020 15:59

Tgt Ion: 136 Resp: 476914

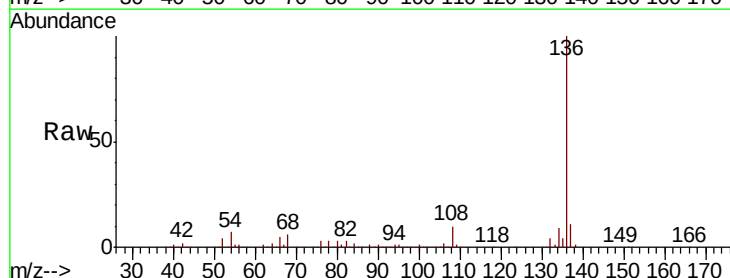
Ion Ratio Lower Upper

136 100

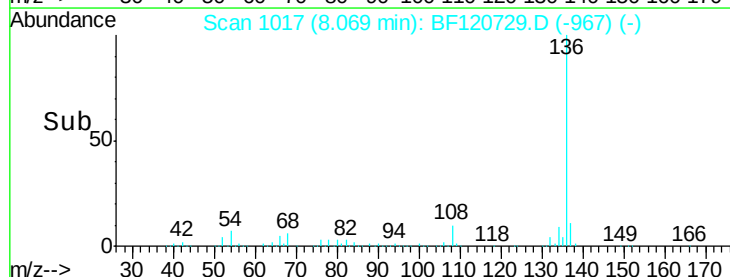
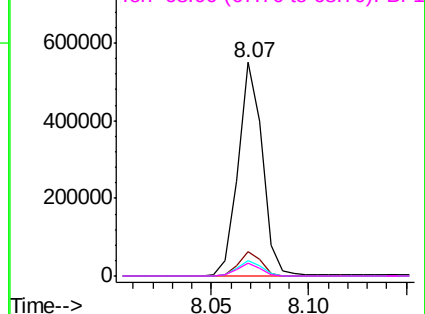
137 11.1 8.6 12.8

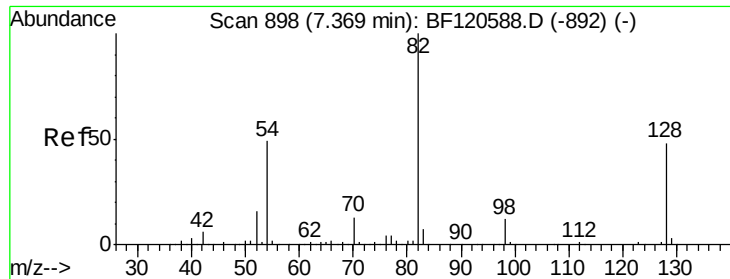
54 7.2 5.3 7.9

68 5.7 4.3 6.5



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

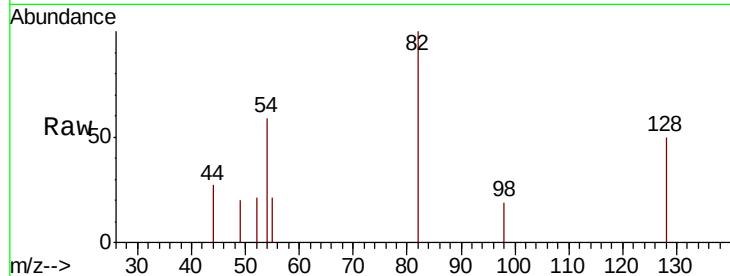




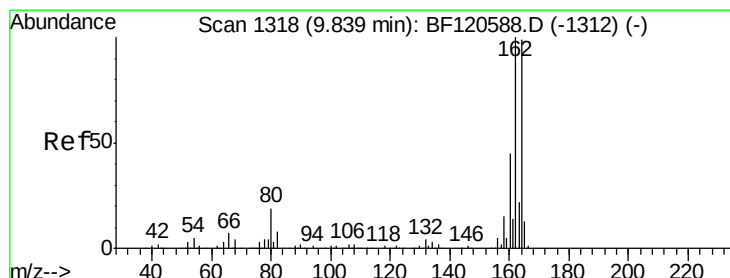
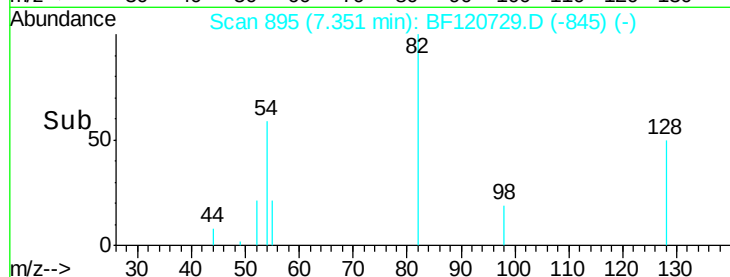
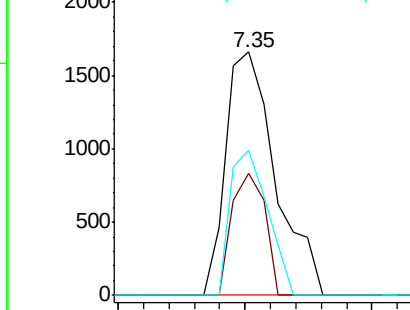
#23
Nitrobenzene-d5
Concen: 0.267 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF120729.D
Acq: 29 Jun 2020 15:59

Instrument :
BNA_F
ClientSampleId :
1308

Tot Ion: 82 Resp: 2279
Ion Ratio Lower Upper
82 100
128 49.9 38.1 57.1
54 59.4 38.8 58.2#

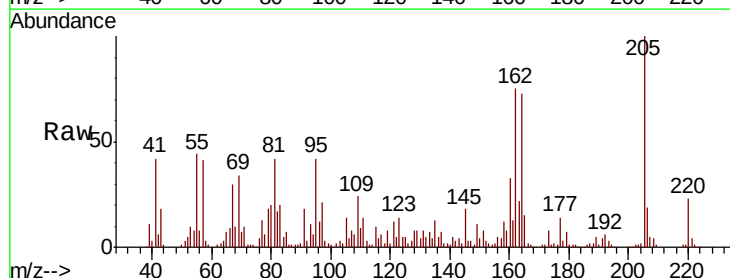


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

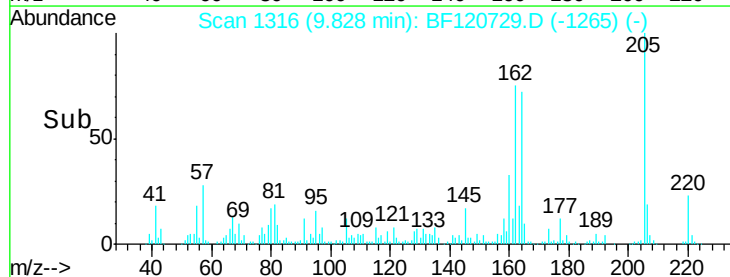
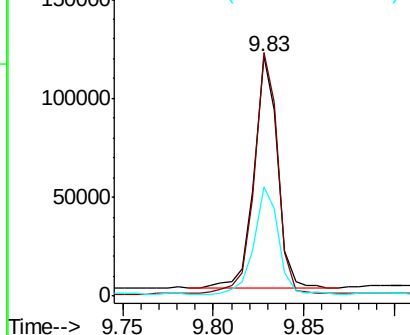


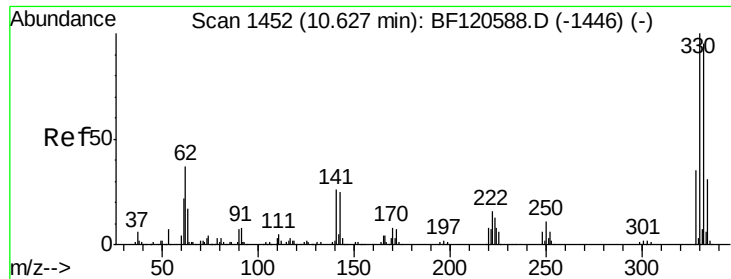
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF120729.D
Acq: 29 Jun 2020 15:59

Tgt Ion: 164 Resp: 105488
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 45.5 36.6 55.0



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: 0.610 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BF120729.D

Acq: 29 Jun 2020 15:59

Instrument :

BNA_F

ClientSampleId :

1308

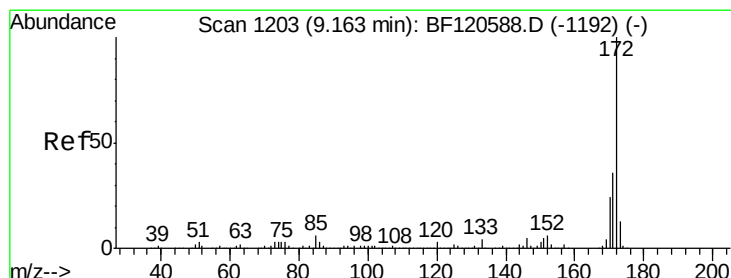
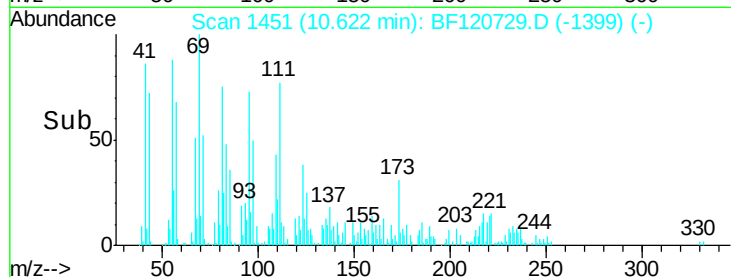
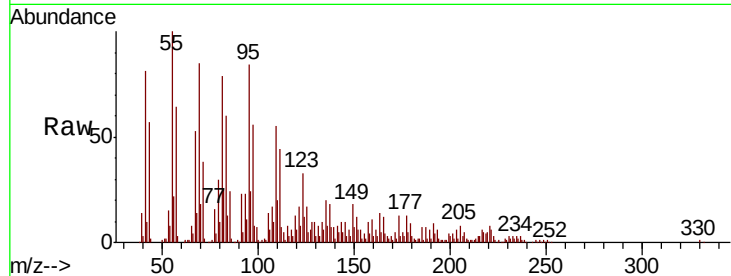
Tot Ion:330 Resp: 748

Ion Ratio Lower Upper

330 100

332 96.9 76.4 114.6

141 387.4 23.0 34.6#



#45

2-Fluorobiphenyl

Concen: 0.444 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF120729.D

Acq: 29 Jun 2020 15:59

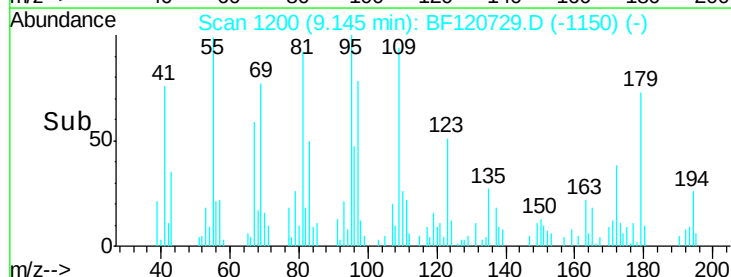
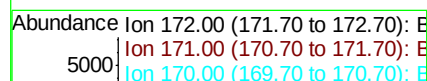
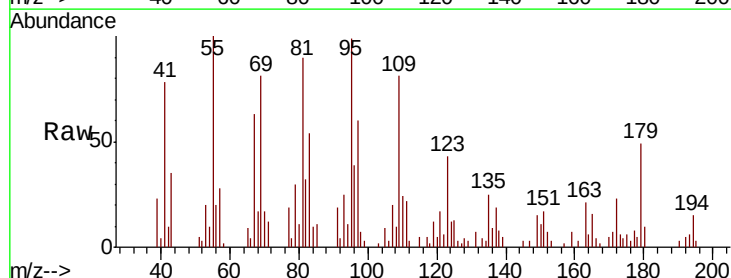
Tgt Ion:172 Resp: 3059

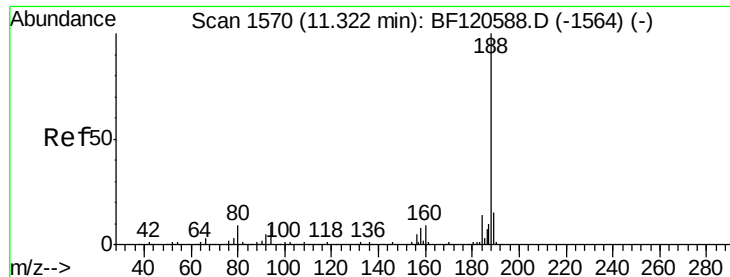
Ion Ratio Lower Upper

172 100

171 31.2 28.6 43.0

170 23.1 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.02 min

Lab File: BF120729.D

Acq: 29 Jun 2020 15:59

Instrument :

BNA_F

ClientSampleId :

1308

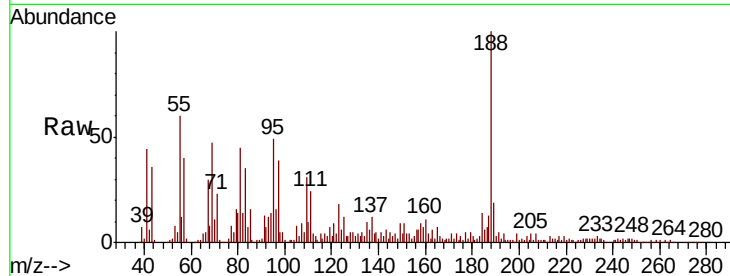
Tot Ion:188 Resp: 321184

Ion Ratio Lower Upper

188 100

94 13.6 7.5 11.3#

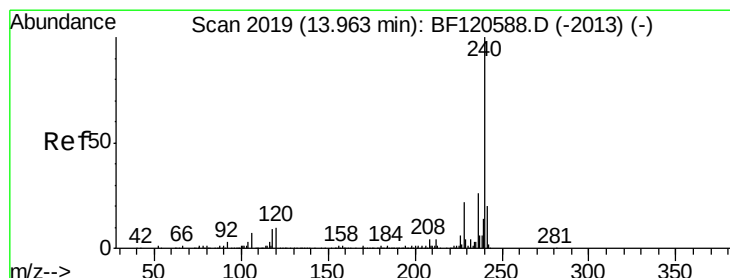
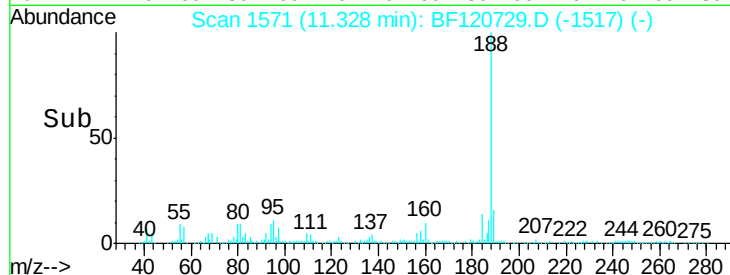
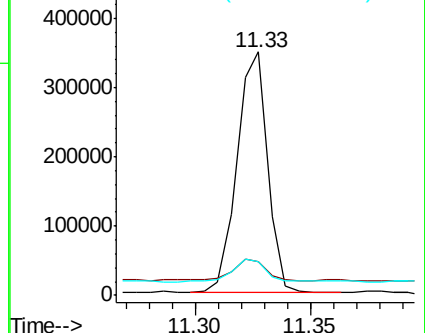
80 13.8 7.7 11.5#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF120729.D

Acq: 29 Jun 2020 15:59

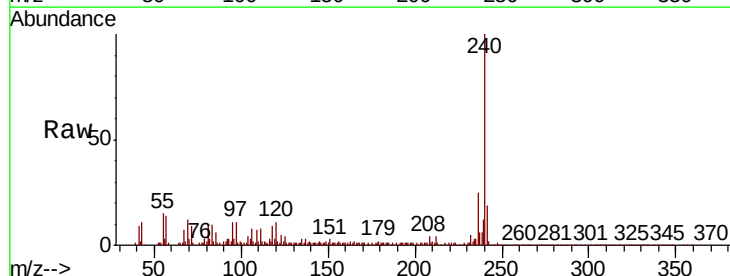
Tgt Ion:240 Resp: 207063

Ion Ratio Lower Upper

240 100

120 10.8 7.6 11.4

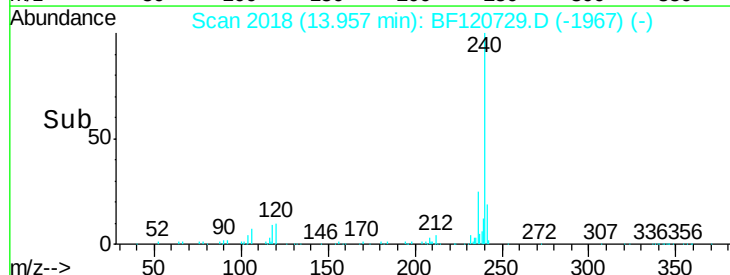
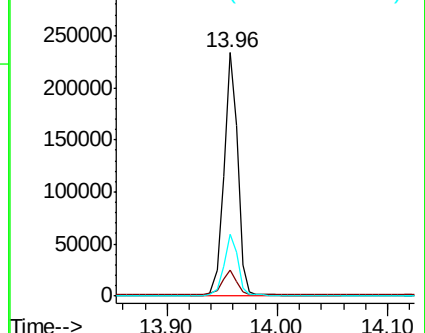
236 25.2 21.0 31.4

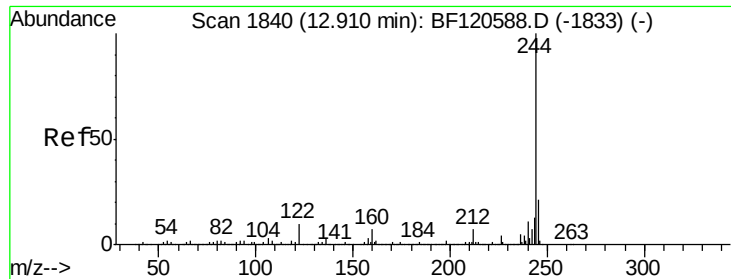


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 0.881 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF120729.D

Acq: 29 Jun 2020 15:59

Instrument :

BNA_F

ClientSampled :

1308

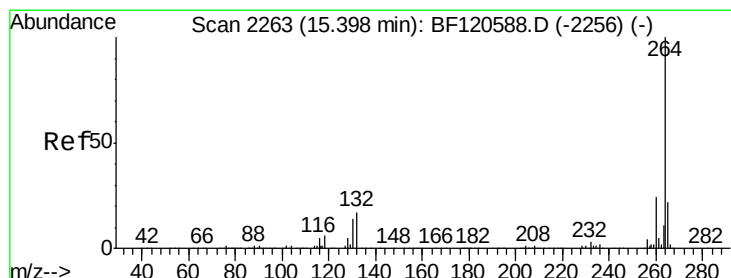
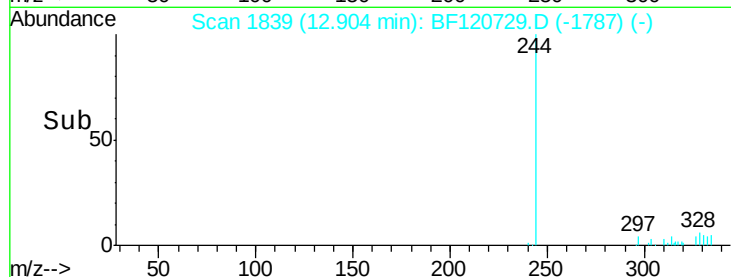
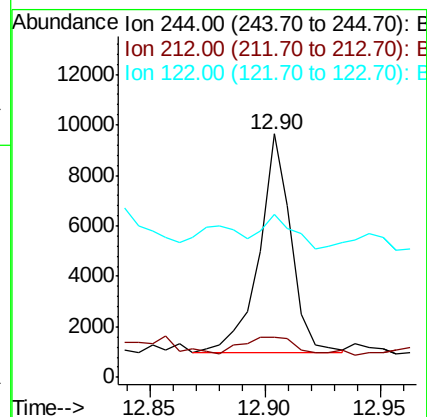
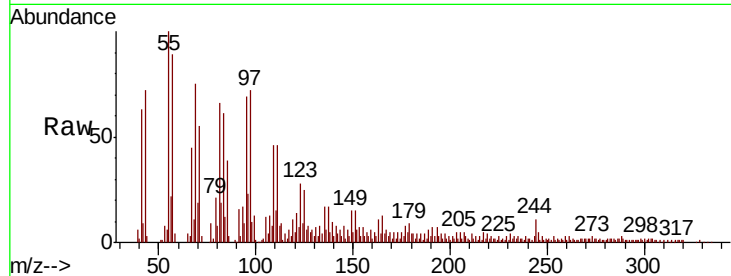
Tot Ion:244 Resp: 8258

Ion Ratio Lower Upper

244 100

212 16.4 5.6 8.4#

122 66.9 8.8 13.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BF120729.D

Acq: 29 Jun 2020 15:59

Tgt Ion:264 Resp: 207858

Ion Ratio Lower Upper

264 100

260 22.8 19.4 29.2

265 21.4 17.4 26.0

