

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120896.D
 Acq On : 16 Jul 2020 20:26
 Operator : JU/CG
 Sample : L3315-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-D

Quant Time: Jul 17 02:20:33 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

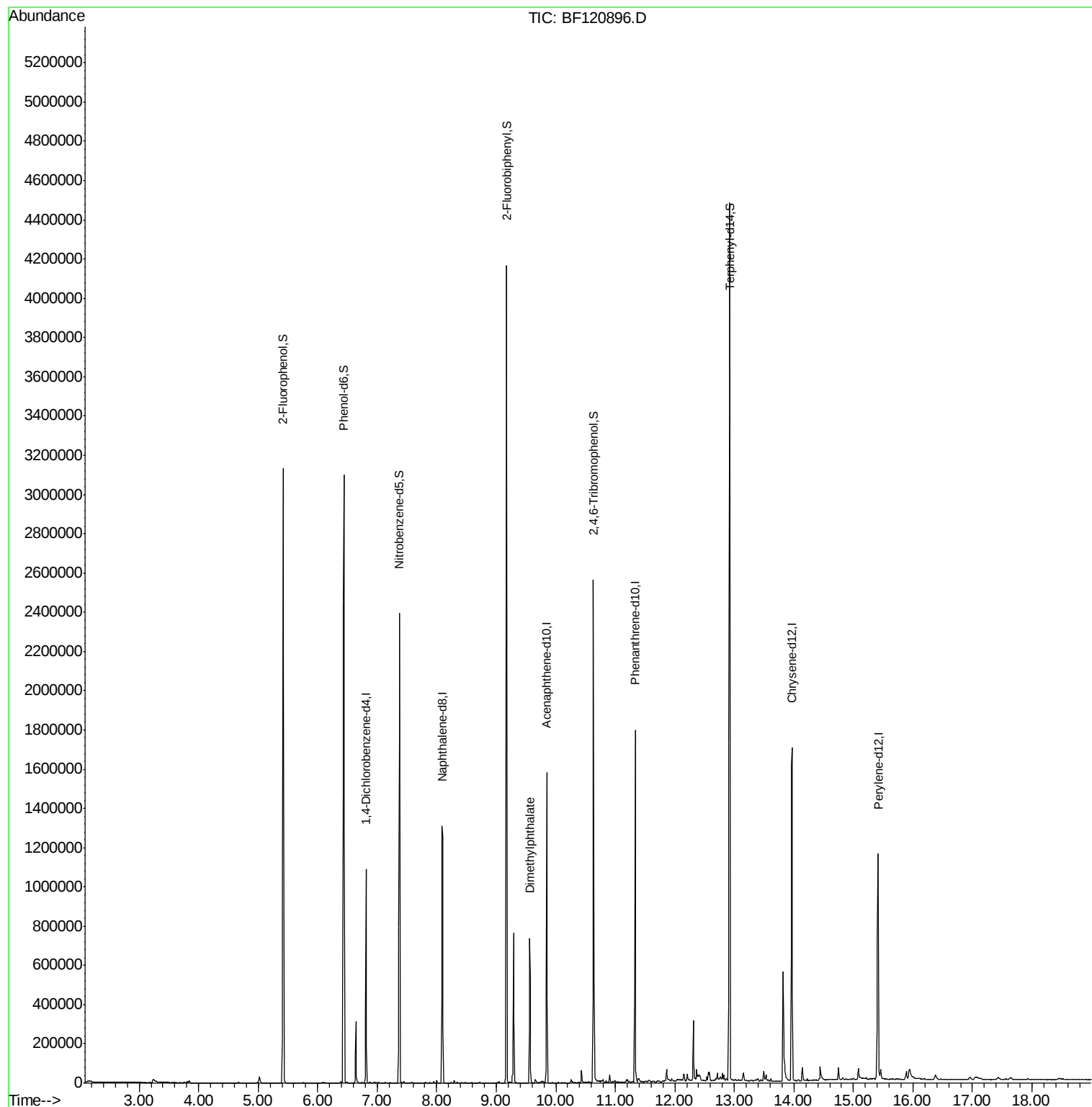
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	158662	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	605350	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	322660	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	650822	20.00	ng	0.00
76) Chrysene-d12	13.97	240	585172	20.00	ng	0.00
86) Perylene-d12	15.42	264	536652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	975117	100.75	ng	0.00
7) Phenol-d6	6.44	99	1189206	95.12	ng	0.00
23) Nitrobenzene-d5	7.37	82	731430	69.91	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	375020	106.18	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1361248	62.99	ng	0.00
79) Terphenyl-d14	12.92	244	1574203	58.48	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	271750	11.674	ng	Qvalue 100

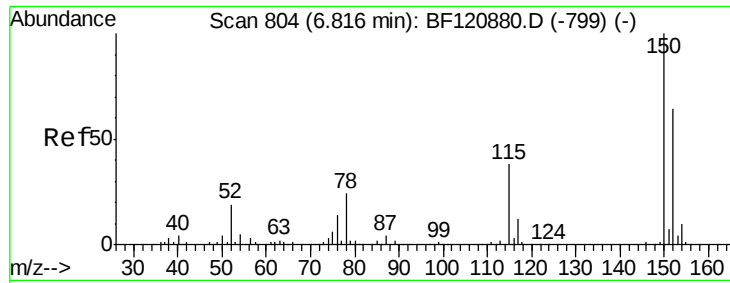
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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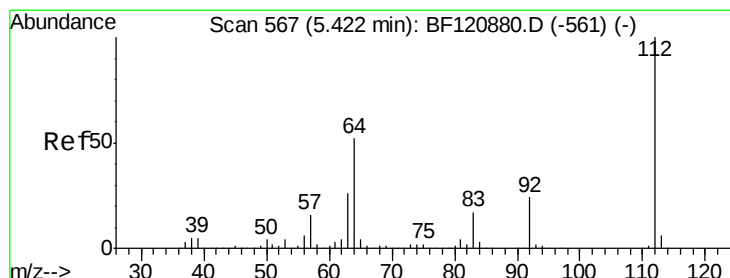
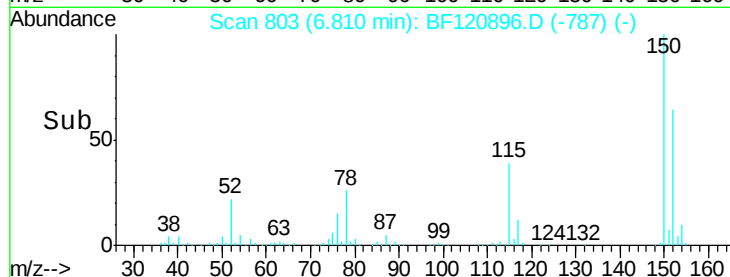
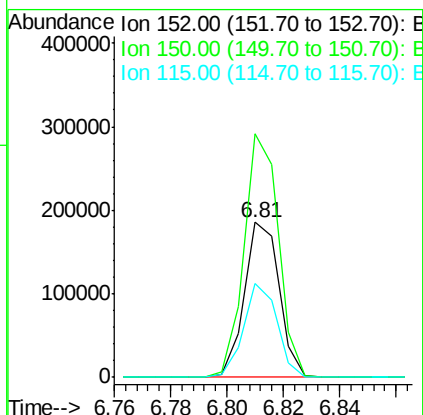
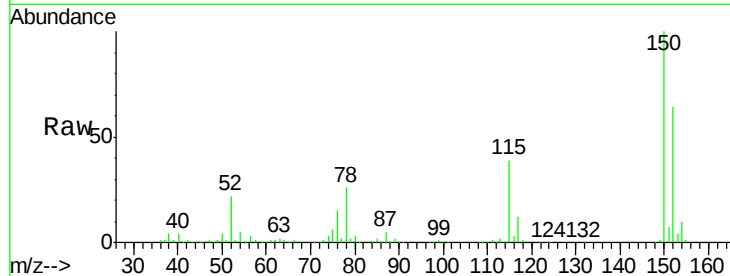


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120896.D
Acq: 16 Jul 2020 20:26

Instrument :
BNA_F
ClientSampleId :
TP-16-D

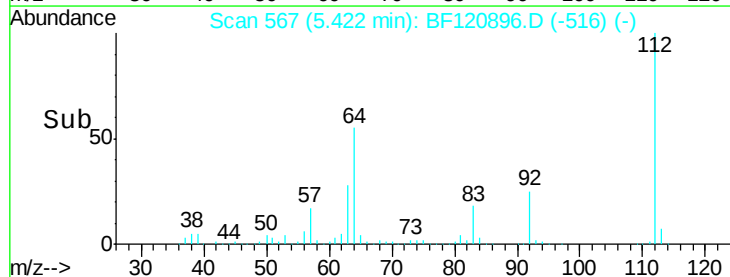
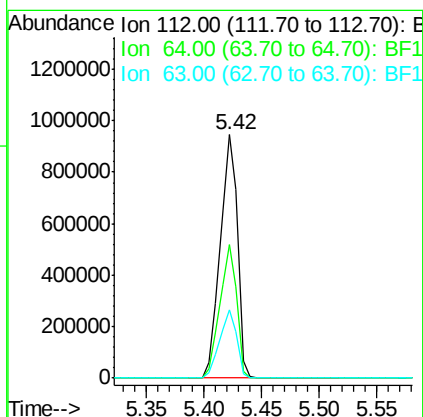
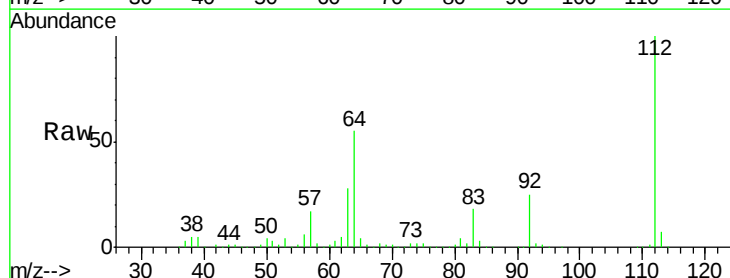
Tot Ion:152 Resp: 158662
Ion Ratio Lower Upper
152 100
150 156.8 125.0 187.6
115 60.8 47.0 70.4



#5

2-Fluorophenol
Concen: 100.753 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF120896.D
Acq: 16 Jul 2020 20:26

Tgt Ion:112 Resp: 975117
Ion Ratio Lower Upper
112 100
64 55.0 41.3 61.9
63 27.9 21.1 31.7





#7

Phenol-d6

Concen: 95.122 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120896.D

Acq: 16 Jul 2020 20:26

Instrument :

BNA_F

ClientSampleId :

TP-16-D

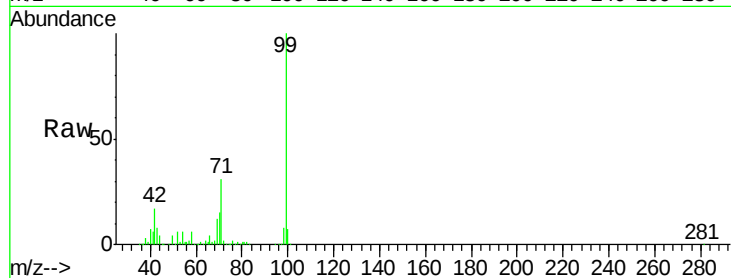
Tot Ion: 99 Resp: 1189206

Ion Ratio Lower Upper

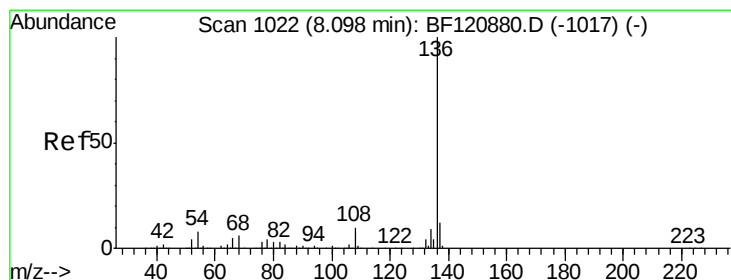
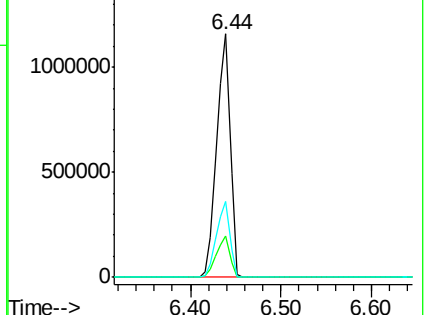
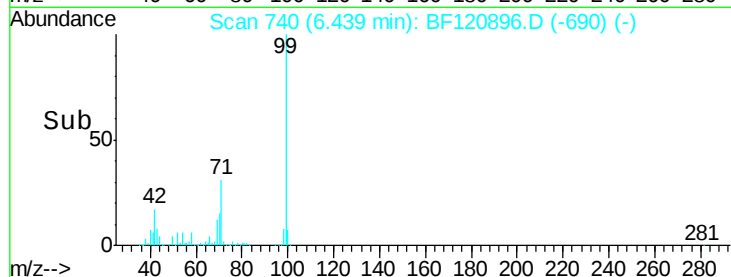
99 100

42 16.7 13.1 19.7

71 31.4 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: BF120896.D

Acq: 16 Jul 2020 20:26

Tgt Ion: 136 Resp: 605350

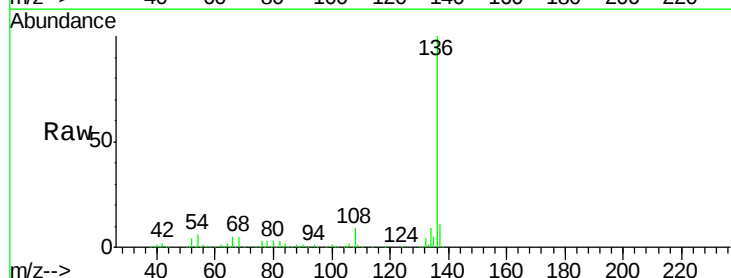
Ion Ratio Lower Upper

136 100

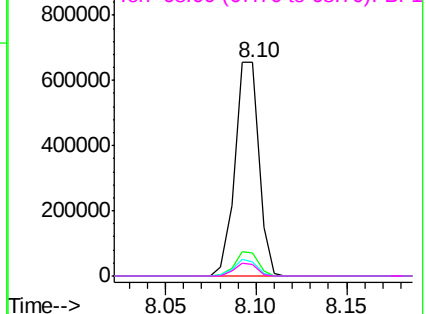
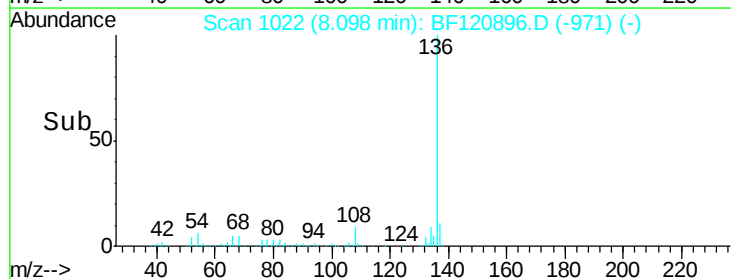
137 10.6 9.3 13.9

54 6.4 6.3 9.5

68 5.1 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

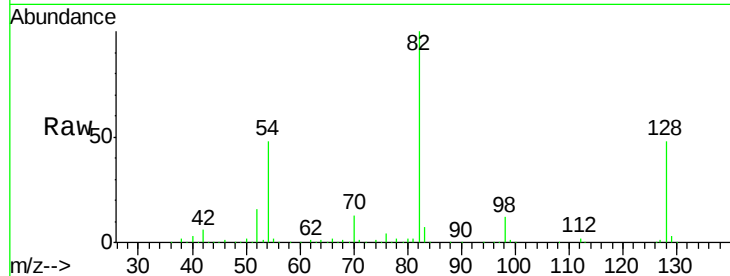




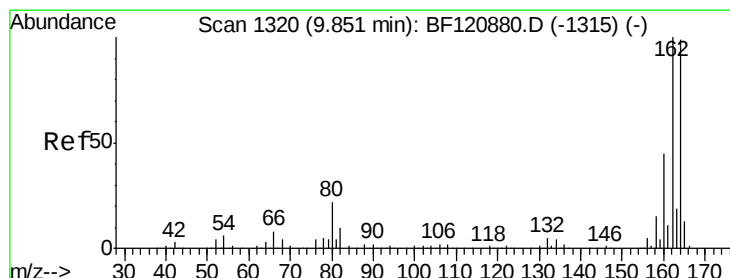
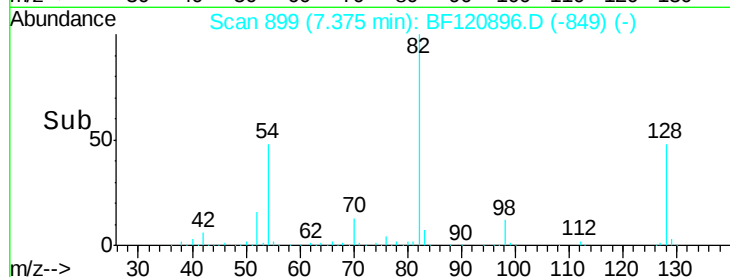
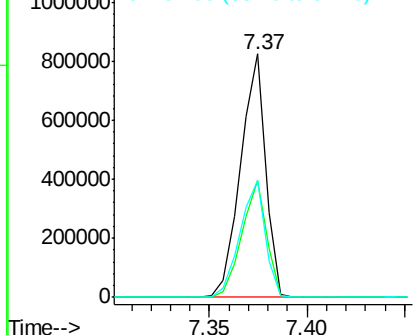
#23
 Nitrobenzene-d5
 Concen: 69.915 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120896.D
 Acq: 16 Jul 2020 20:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-16-D

Tot Ion: 82 Resp: 731430
 Ion Ratio Lower Upper
 82 100
 128 48.0 38.2 57.4
 54 48.2 38.7 58.1

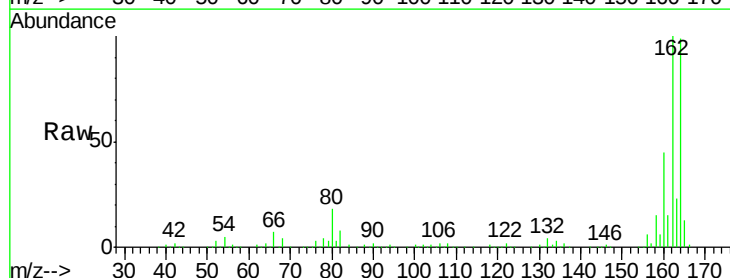


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

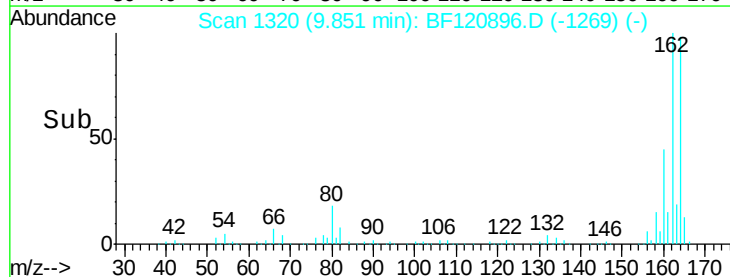
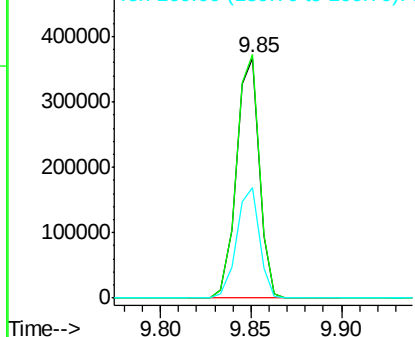


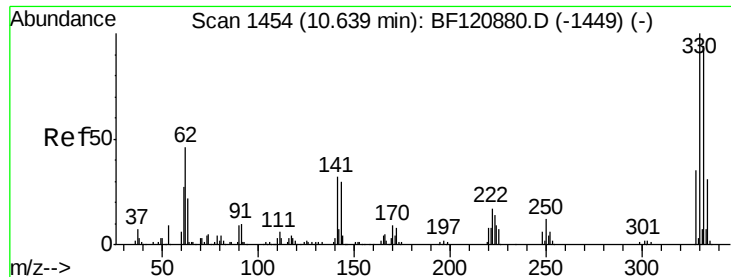
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF120896.D
 Acq: 16 Jul 2020 20:26

Tgt Ion:164 Resp: 322660
 Ion Ratio Lower Upper
 164 100
 162 101.4 81.2 121.8
 160 45.8 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: 106.183 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120896.D

Acq: 16 Jul 2020 20:26

Instrument :

BNA_F

ClientSampleId :

TP-16-D

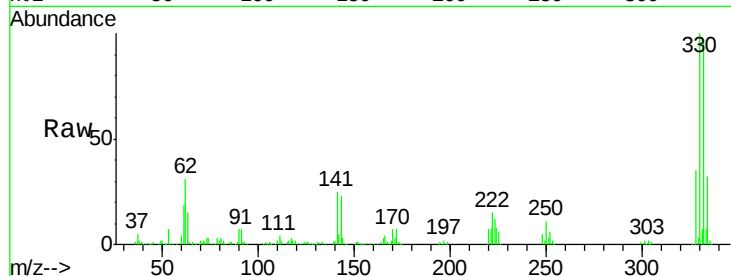
Tot Ion:330 Resp: 375020

Ion Ratio Lower Upper

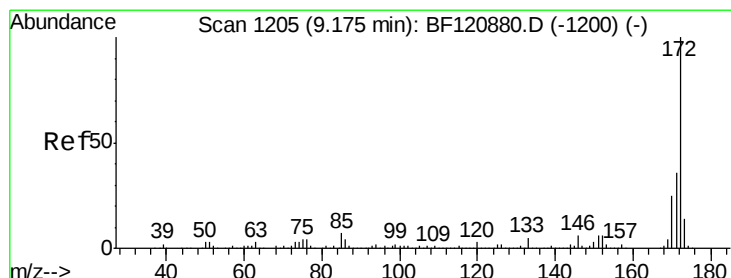
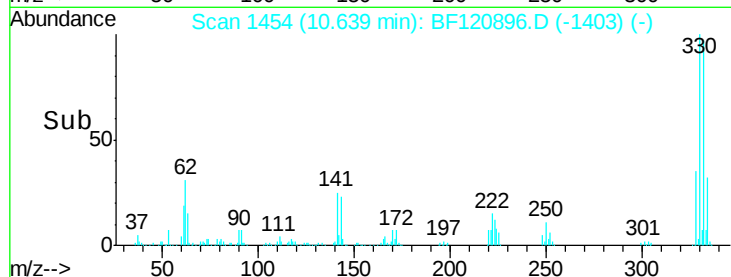
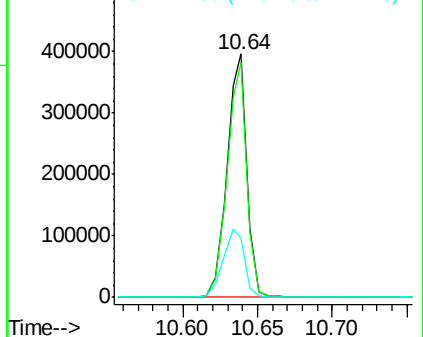
330 100

332 95.9 75.5 113.3

141 30.5 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: 62.989 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120896.D

Acq: 16 Jul 2020 20:26

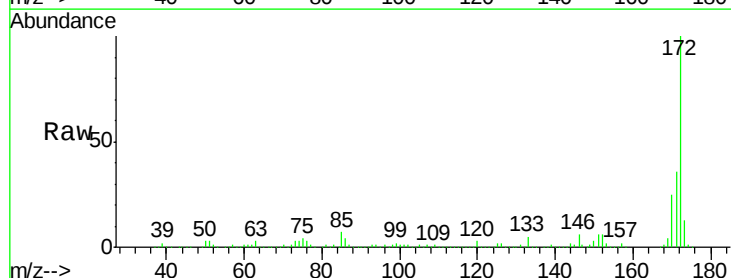
Tgt Ion:172 Resp: 1361248

Ion Ratio Lower Upper

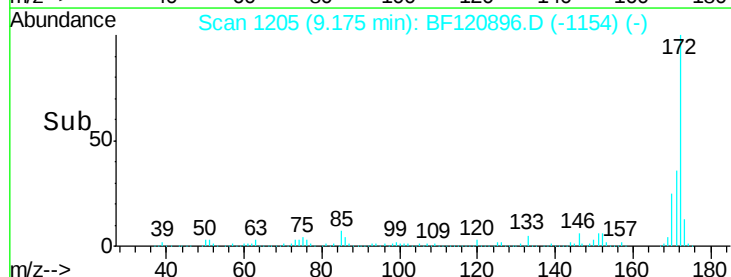
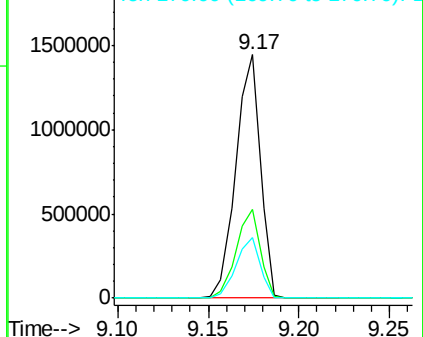
172 100

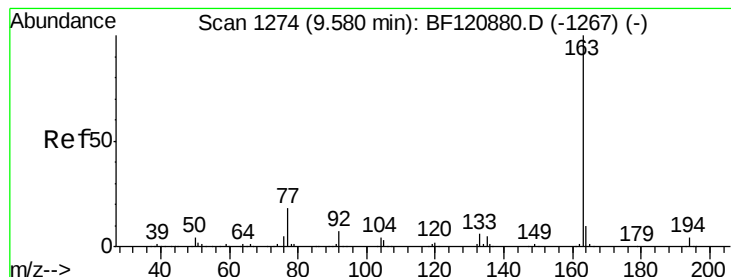
171 36.3 29.0 43.4

170 24.7 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: 11.674 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF120896.D

Acq: 16 Jul 2020 20:26

Instrument :

BNA_F

ClientSampleId :

TP-16-D

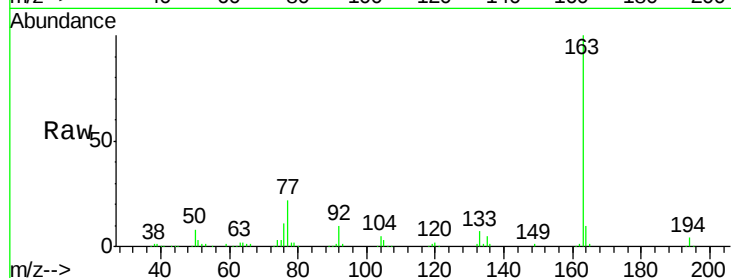
Tot Ion:163 Resp: 271750

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 9.9 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

9.56

400000

300000

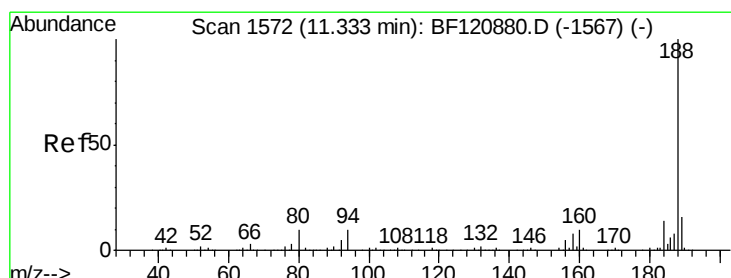
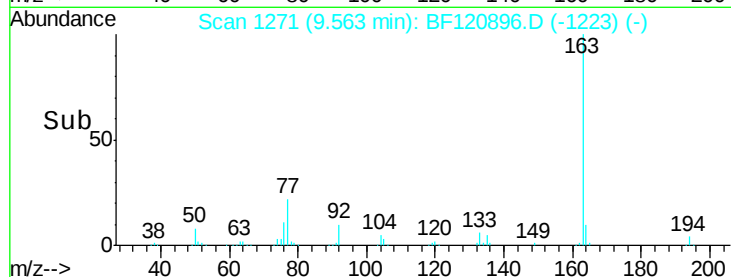
200000

100000

0

9.50 9.55 9.60 9.65

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120896.D

Acq: 16 Jul 2020 20:26

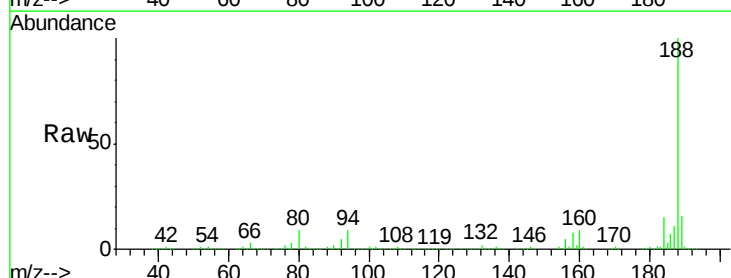
Tgt Ion:188 Resp: 650822

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

80 8.9 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

11.33

1000000

800000

600000

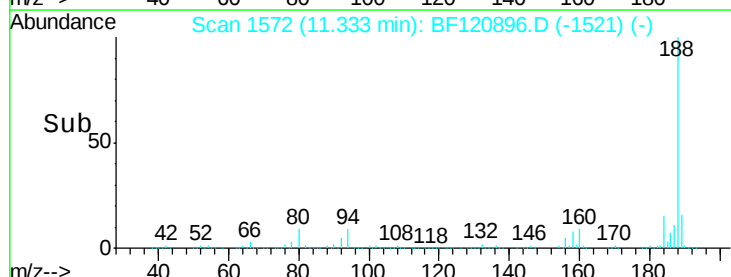
400000

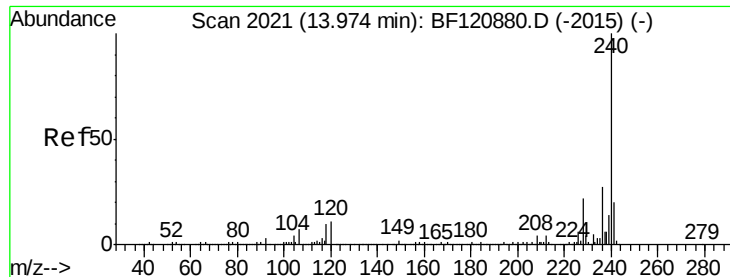
200000

0

11.30 11.35

Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF120896.D

Acq: 16 Jul 2020 20:26

Instrument :

BNA_F

ClientSampleId :

TP-16-D

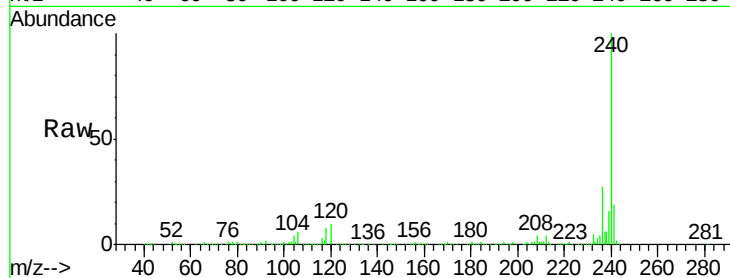
Tot Ion:240 Resp: 585172

Ion Ratio Lower Upper

240 100

120 10.0 9.0 13.4

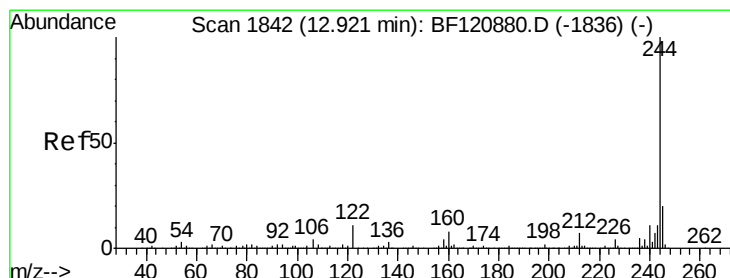
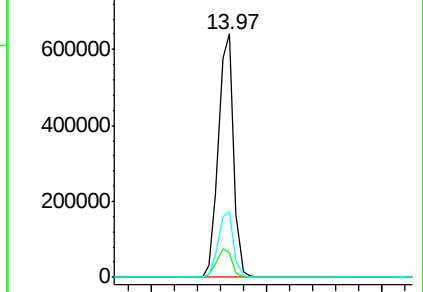
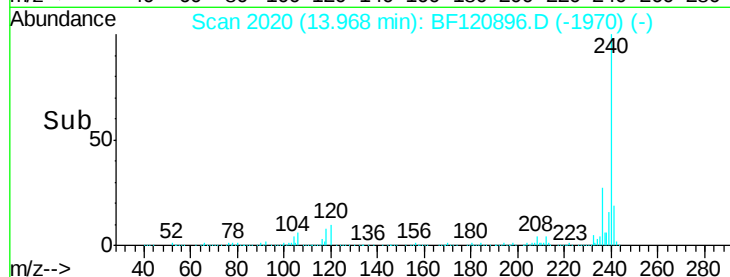
236 27.2 21.7 32.5



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: 58.478 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120896.D

Acq: 16 Jul 2020 20:26

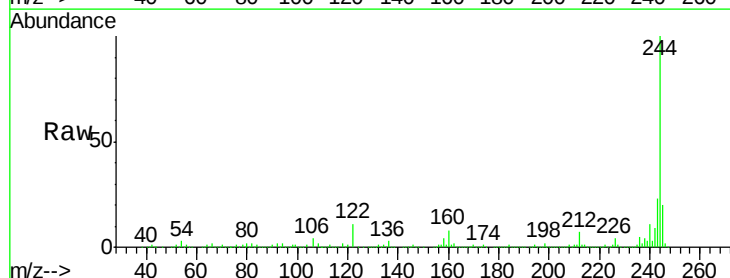
Tgt Ion:244 Resp: 1574203

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

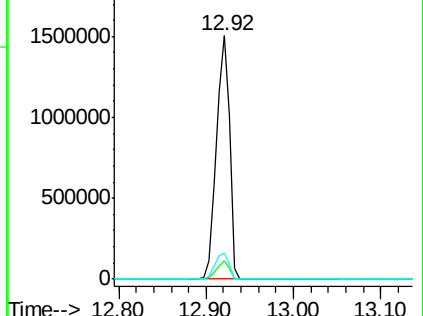
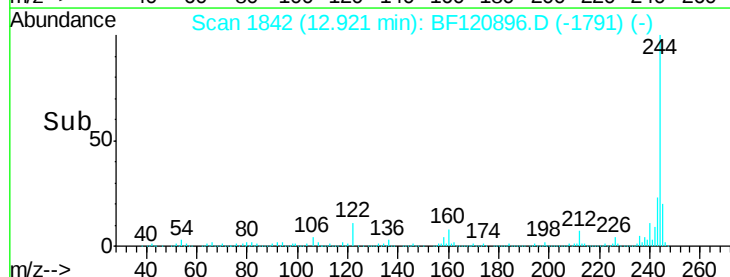
122 10.6 8.9 13.3

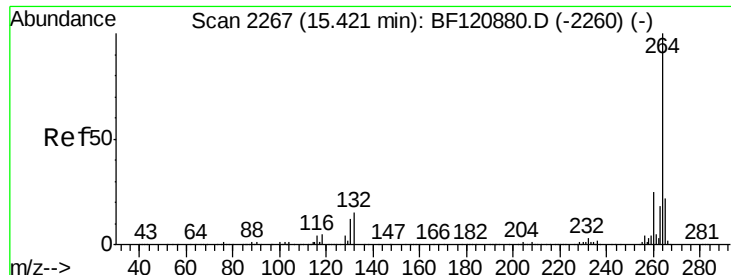


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

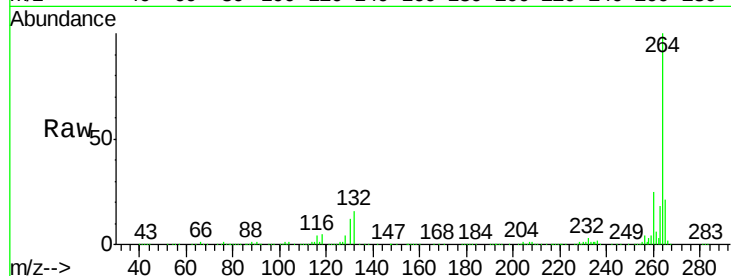




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120896.D
Acq: 16 Jul 2020 20:26

Instrument :
BNA_F
ClientSampleId :
TP-16-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	21.3	17.4	26.2



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

