

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118756.D
 Acq On : 30 Jan 2020 17:30
 Operator : CG/JU
 Sample : L1291-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-725-(SETTLED)

Quant Time: Jan 30 22:35:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

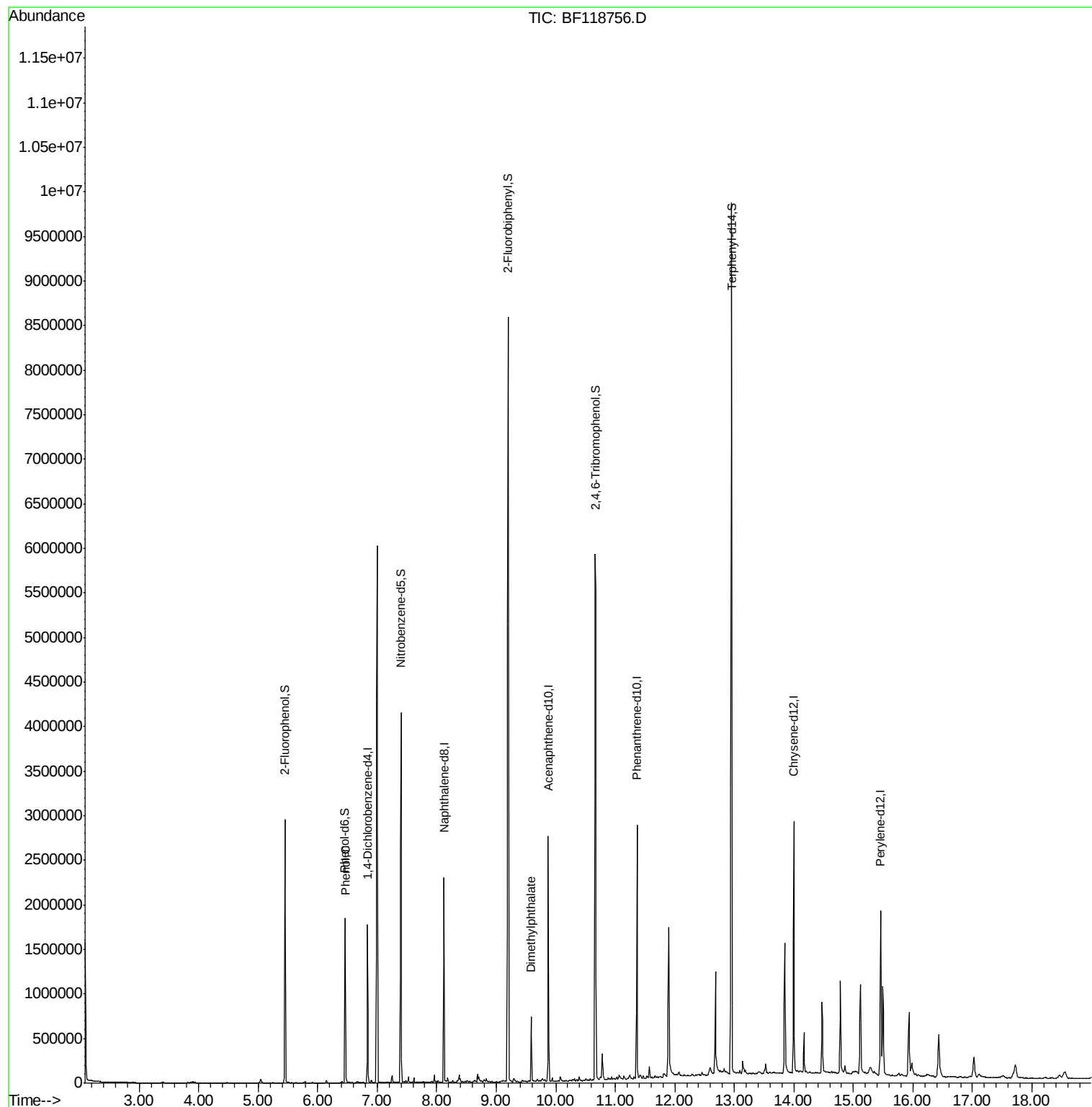
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	252848	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	959966	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	553999	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1064509	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	892176	20.00	ng	-0.02
87) Perylene-d12	15.46	264	882853	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	822178	60.39	ng	-0.03
7) Phenol-d6	6.46	99	626065	35.38	ng	-0.04
23) Nitrobenzene-d5	7.40	82	1433757	83.54	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	890332	138.95	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2862219	84.92	ng	-0.02
79) Terphenyl-d14	12.95	244	3858046	94.32	ng	-0.01
Target Compounds						
10) Phenol	6.47	94	89380	4.432	ng	98
50) Dimethylphthalate	9.59	163	279044	7.731	ng	99

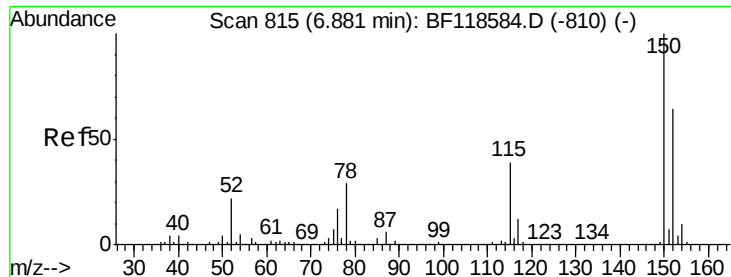
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.02 min

Lab File: BF118756.D

Acq: 30 Jan 2020 17:30

Instrument :

BNA_F

ClientSampleId :

MH-725-(SETTLED)

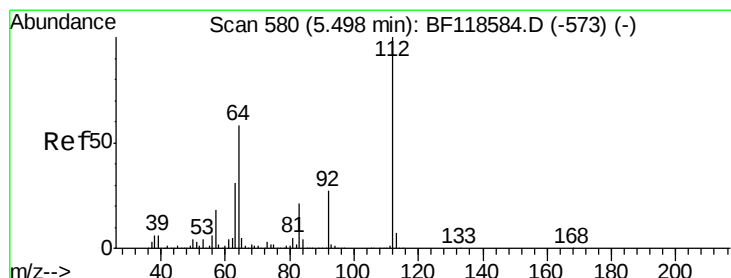
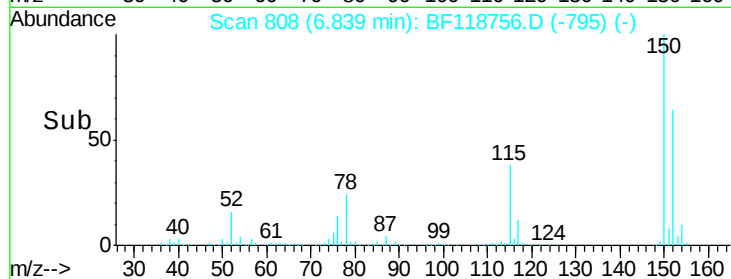
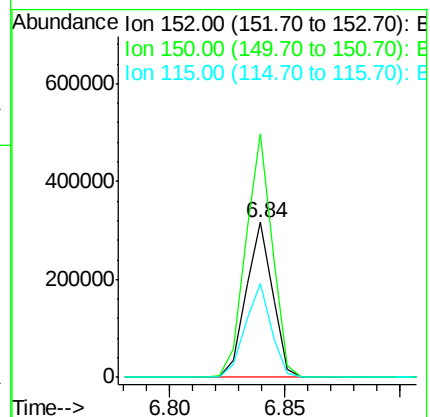
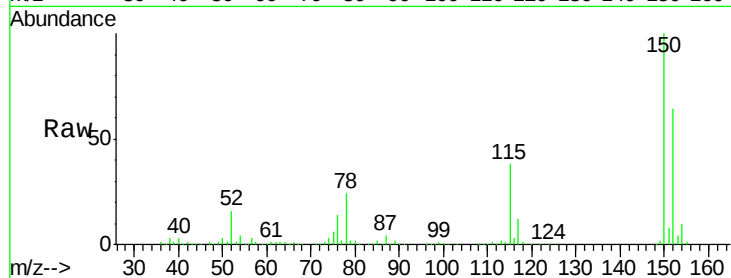
Tot Ion:152 Resp: 252848

Ion Ratio Lower Upper

152 100

150 157.3 123.7 185.5

115 60.5 45.1 67.7



#5

2-Fluorophenol

Concen: 60.392 ng

RT: 5.45 min Scan# 572

Delta R.T. -0.03 min

Lab File: BF118756.D

Acq: 30 Jan 2020 17:30

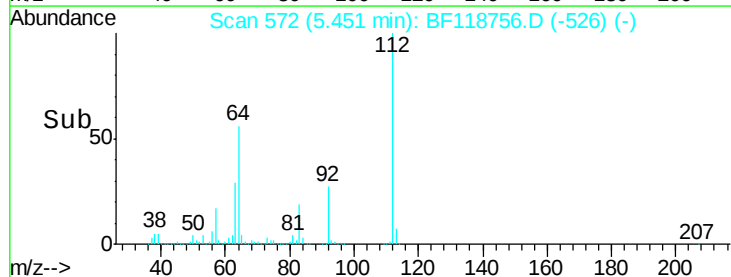
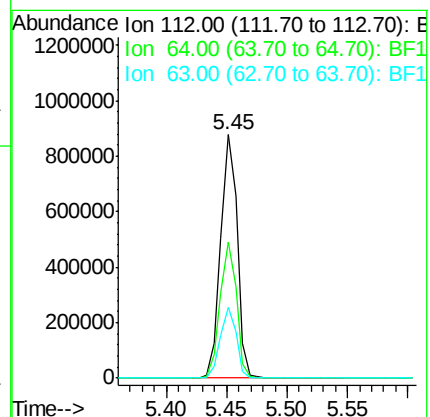
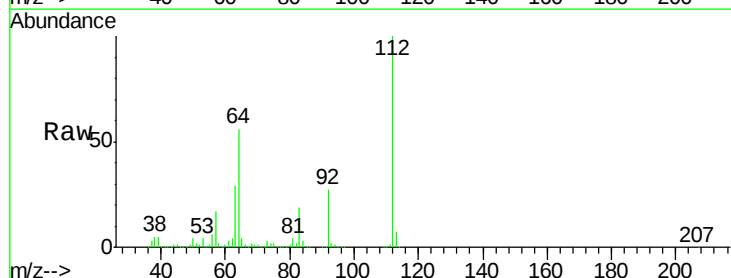
Tgt Ion:112 Resp: 822178

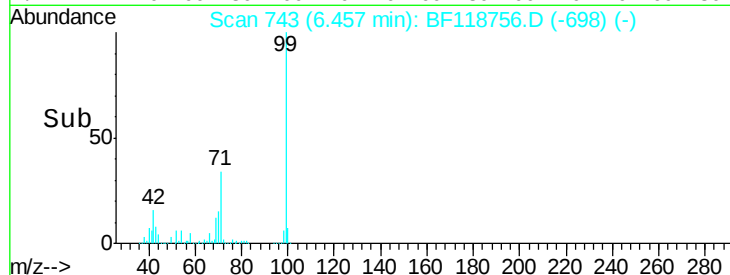
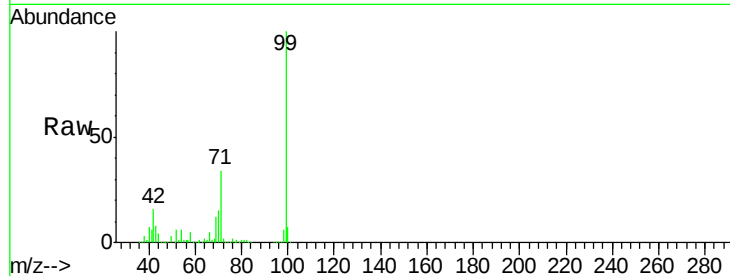
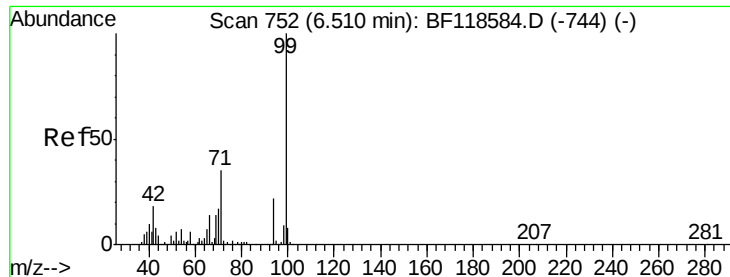
Ion Ratio Lower Upper

112 100

64 56.1 42.4 63.6

63 29.3 21.7 32.5





#7

Phenol-d6

Concen: 35.381 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF118756.D

Acq: 30 Jan 2020 17:30

Instrument :

BNA_F

ClientSampleId :

MH-725-(SETTLED)

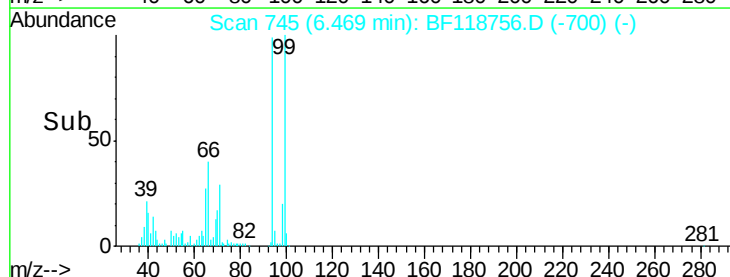
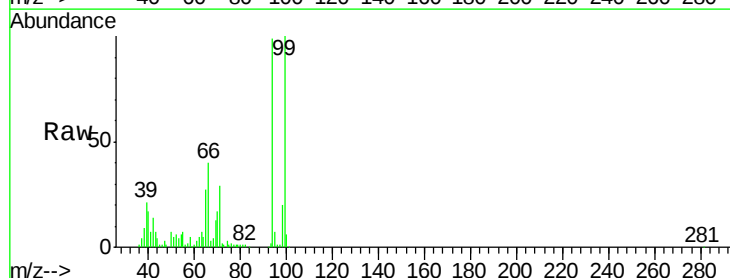
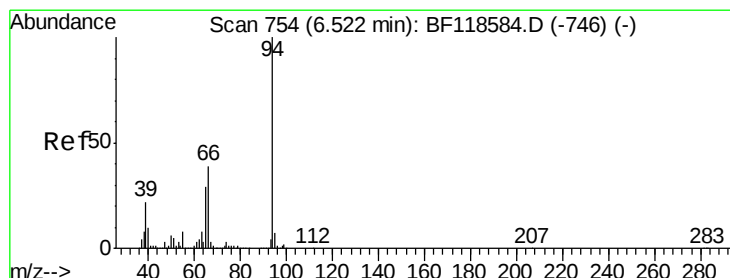
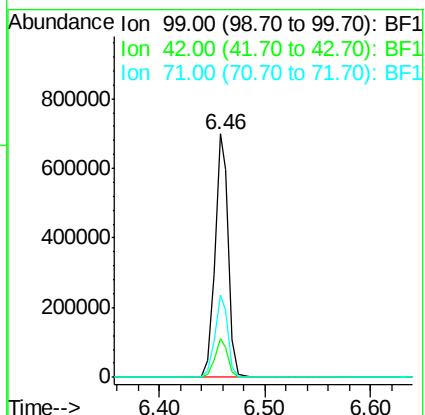
Tot Ion: 99 Resp: 626065

Ion Ratio Lower Upper

99 100

42 16.0 13.1 19.7

71 33.9 28.4 42.6



#10

Phenol

Concen: 4.432 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF118756.D

Acq: 30 Jan 2020 17:30

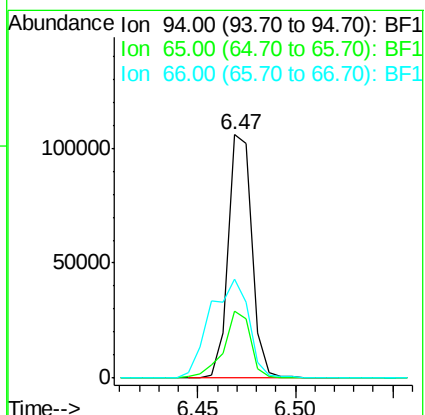
Tgt Ion: 94 Resp: 89380

Ion Ratio Lower Upper

94 100

65 27.5 7.9 47.9

66 40.8 19.1 59.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF118756.D

Acq: 30 Jan 2020 17:30

Instrument :

BNA_F

ClientSampleId :

MH-725-(SETTLED)

Tot Ion:136 Resp: 959966

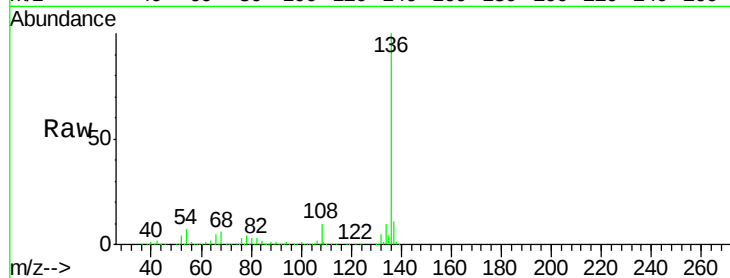
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.5 5.1 7.7

68 5.8 4.3 6.5

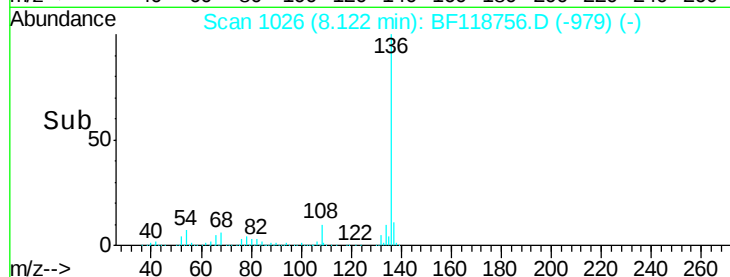


Abundance Ion 136.00 (135.70 to 136.70): E

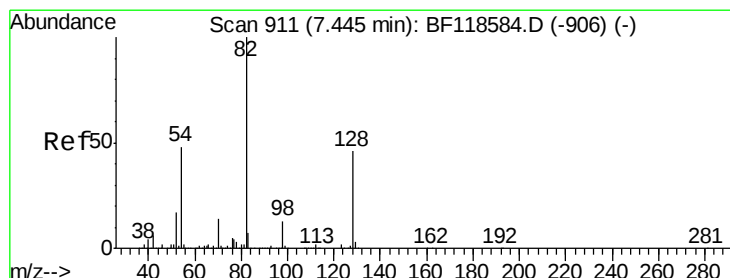
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 8.05 8.10 8.15



#23

Nitrobenzene-d5

Concen: 83.540 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF118756.D

Acq: 30 Jan 2020 17:30

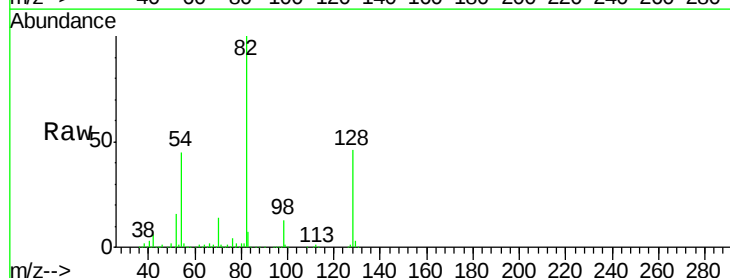
Tgt Ion: 82 Resp: 1433757

Ion Ratio Lower Upper

82 100

128 46.4 38.2 57.2

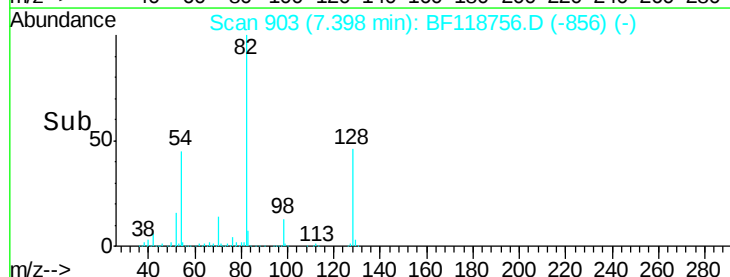
54 44.8 36.1 54.1



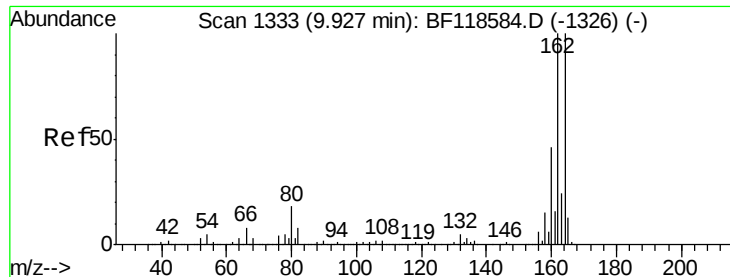
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



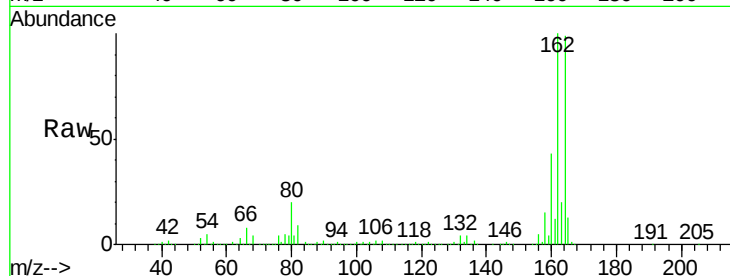
Time--> 7.35 7.40 7.45 7.50



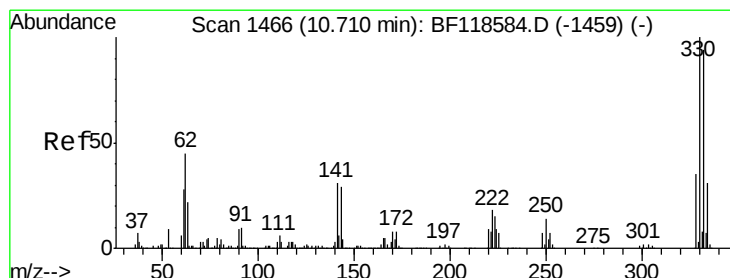
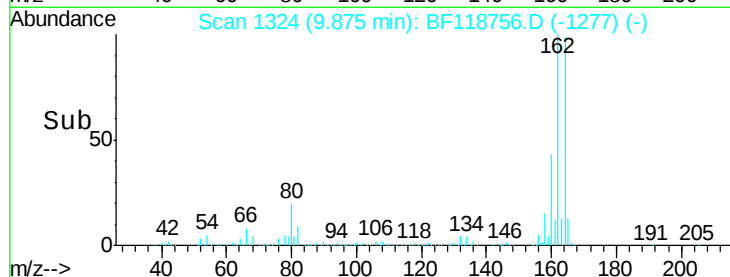
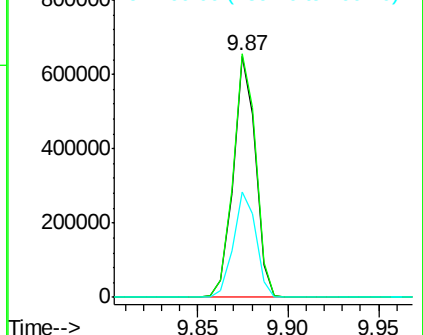
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Instrument :
BNA_F
ClientSampleId :
MH-725-(SETTLED)

Tot Ion:164 Resp: 553999
Ion Ratio Lower Upper
164 100
162 100.9 80.8 121.2
160 43.7 35.4 53.0

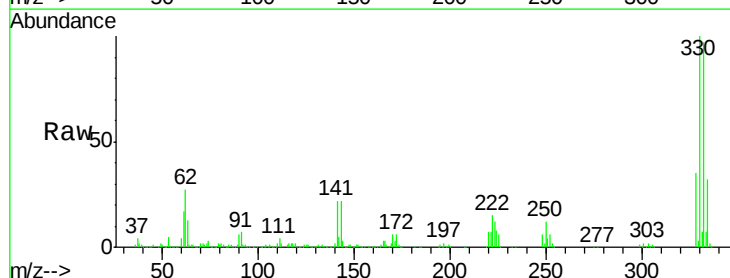


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

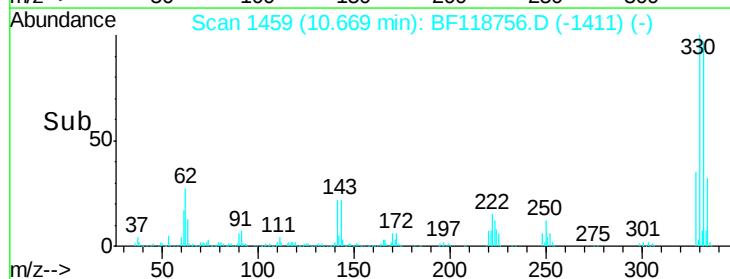
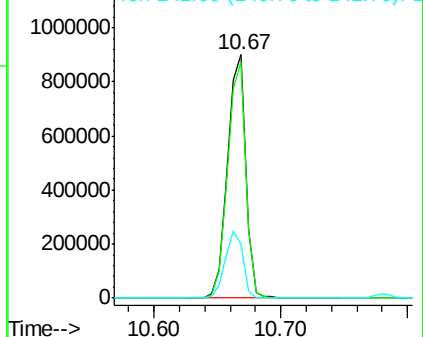


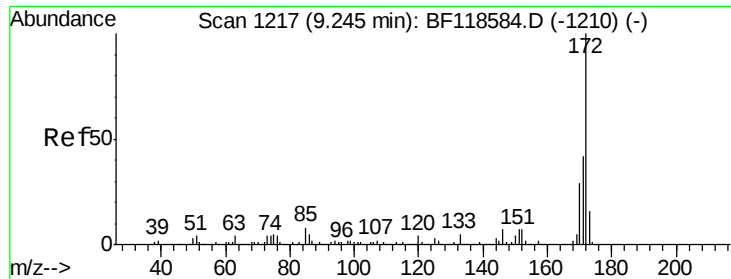
#42
2,4,6-Tribromophenol
Concen: 138.947 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Tgt Ion:330 Resp: 890332
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 27.5 22.2 33.2



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

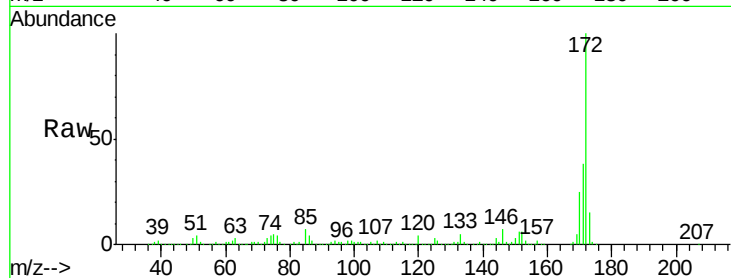




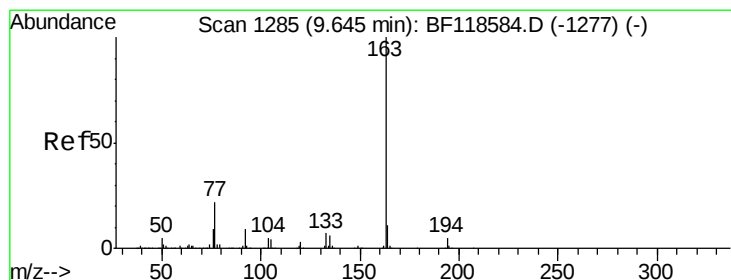
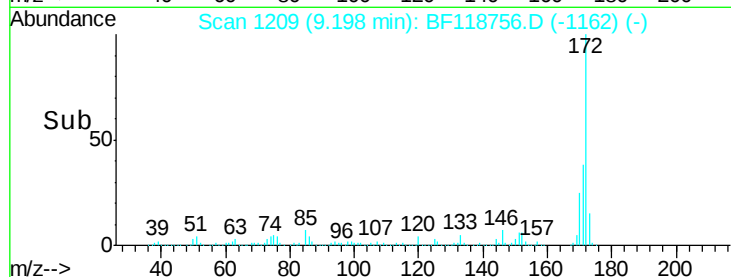
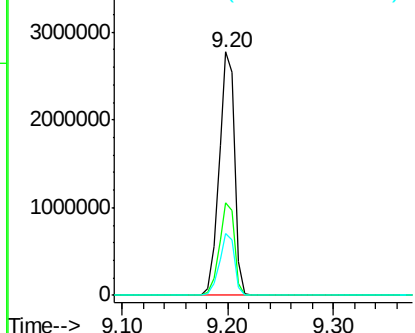
#45
2-Fluorobiphenyl
Concen: 84.917 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Instrument :
BNA_F
ClientSampleId :
MH-725-(SETTLED)

Tot Ion:172 Resp: 2862219
Ion Ratio Lower Upper
172 100
171 38.2 31.0 46.4
170 25.5 20.7 31.1

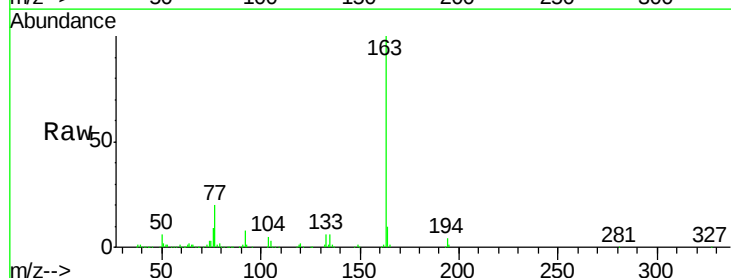


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

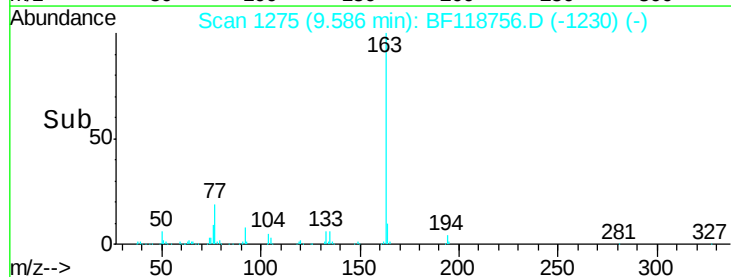
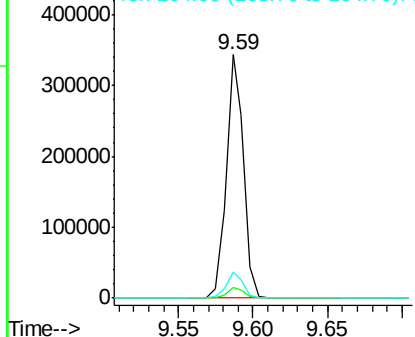


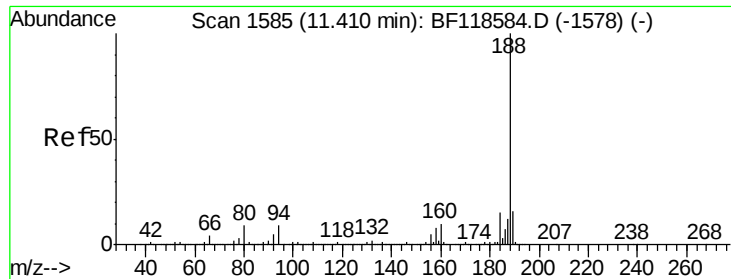
#50
Dimethylphthalate
Concen: 7.731 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.04 min
Lab File: BF118756.D
Acq: 30 Jan 2020 17:30

Tgt Ion:163 Resp: 279044
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 10.4 8.2 12.2



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: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF118756.D

Acq: 30 Jan 2020 17:30

Instrument :

BNA_F

ClientSampleId :

MH-725-(SETTLED)

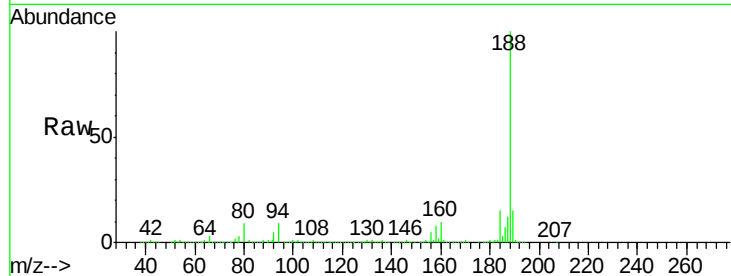
Tot Ion:188 Resp: 1064509

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

80 9.2 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

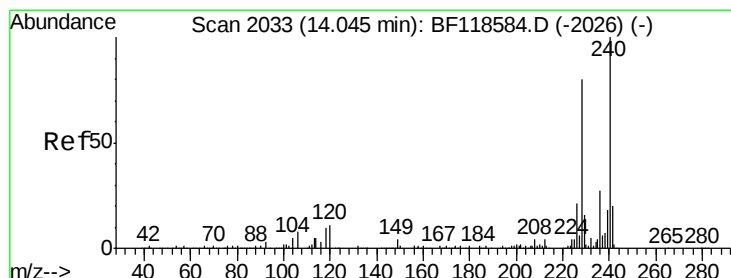
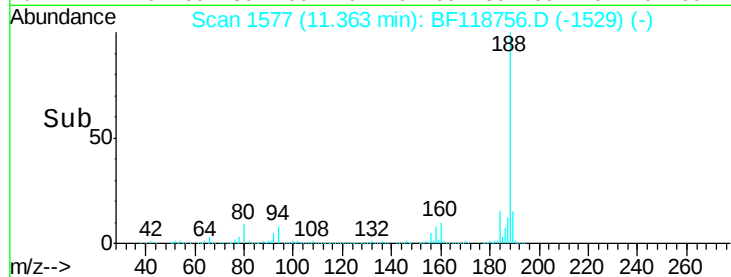
11.36

1000000

500000

0

Time--> 11.30 11.35 11.40



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF118756.D

Acq: 30 Jan 2020 17:30

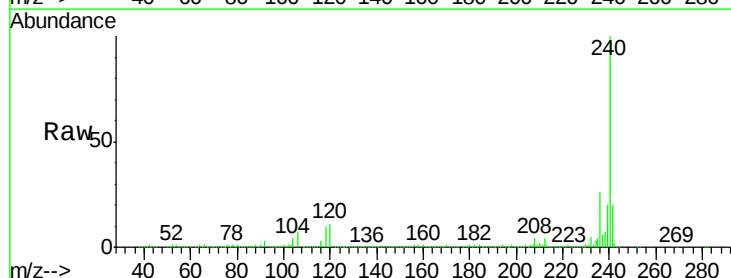
Tgt Ion:240 Resp: 892176

Ion Ratio Lower Upper

240 100

120 10.6 7.6 11.4

236 26.1 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

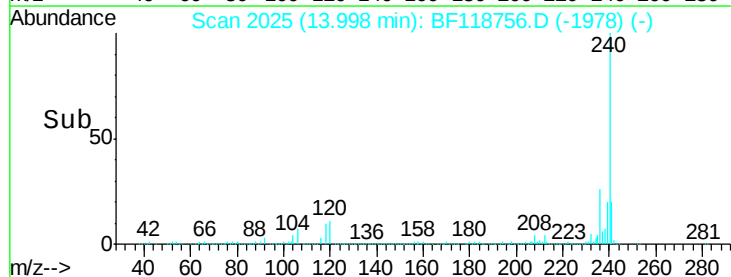
14.00

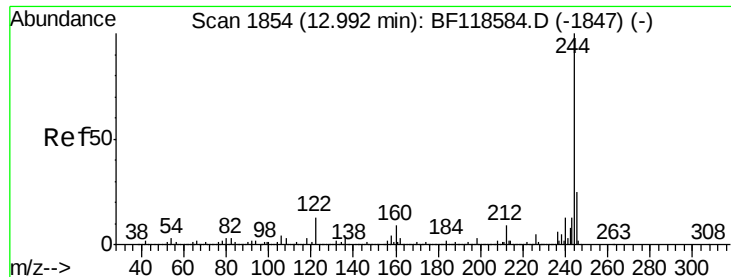
1000000

500000

0

Time--> 13.90 13.95 14.00 14.05





#79

Terphenyl-d14

Concen: 94.317 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF118756.D

Acq: 30 Jan 2020 17:30

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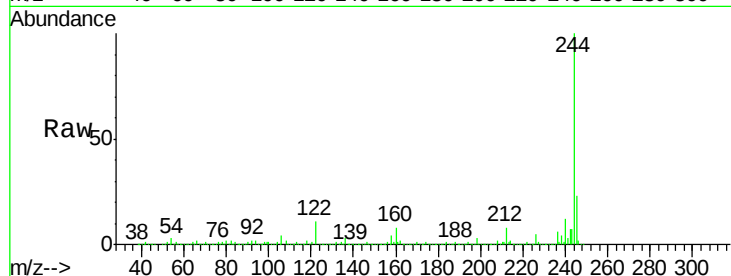
Tot Ion:244 Resp: 3858046

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

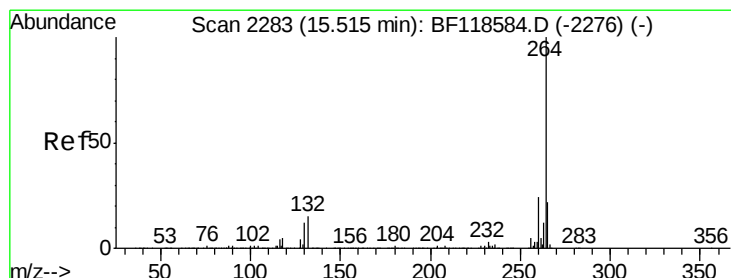
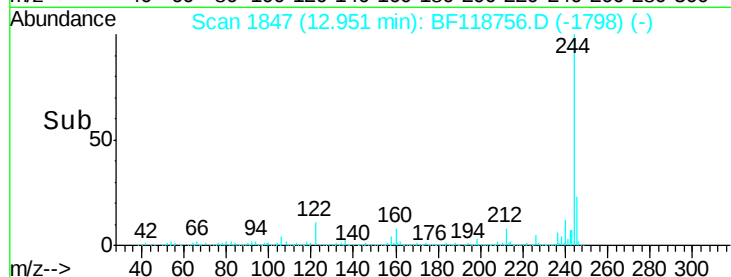
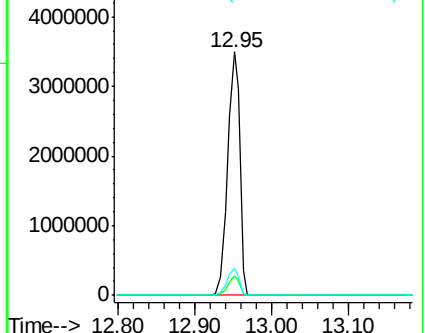
122 11.1 9.2 13.8



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: 15.46 min Scan# 2273

Delta R.T. -0.02 min

Lab File: BF118756.D

Acq: 30 Jan 2020 17:30

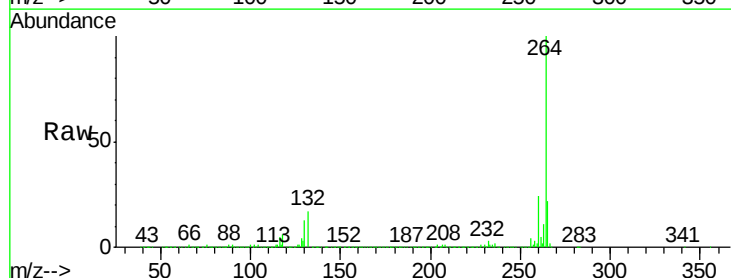
Tgt Ion:264 Resp: 882853

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.1 17.0 25.6



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

