

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120904.D
 Acq On : 17 Jul 2020 00:22
 Operator : JU/CG
 Sample : L3308-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12

Quant Time: Jul 17 02:55:53 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

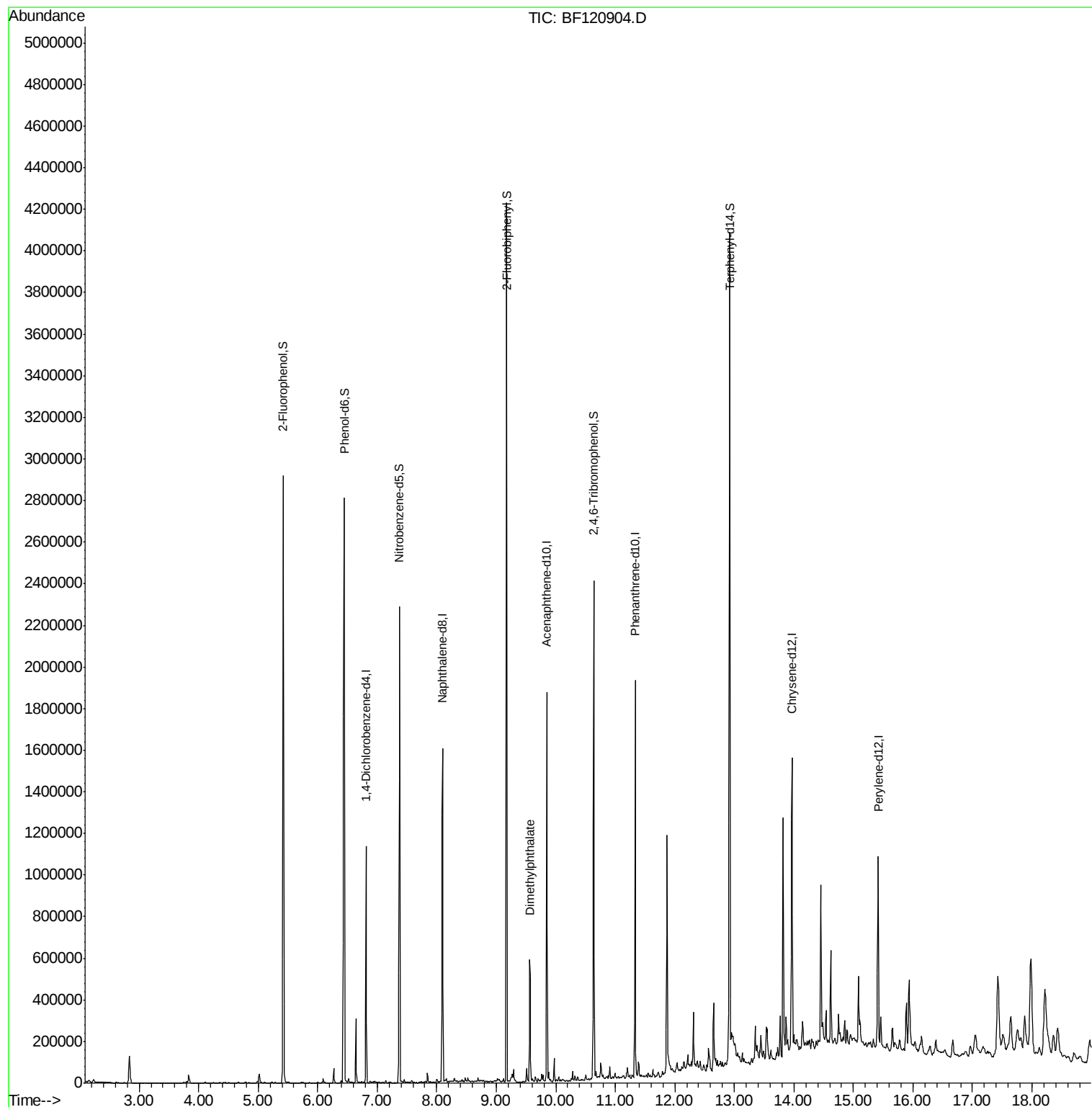
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	171992	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	665621	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	350687	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	654436	20.00	ng	0.00
76) Chrysene-d12	13.97	240	464328	20.00	ng	0.00
86) Perylene-d12	15.42	264	394129	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	903524	86.12	ng	0.00
7) Phenol-d6	6.45	99	1129825	83.37	ng	0.00
23) Nitrobenzene-d5	7.37	82	689733	59.96	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	340537	88.71	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1270252	54.08	ng	0.00
79) Terphenyl-d14	12.92	244	1322873	61.93	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	225090	8.897	ng	Qvalue 99

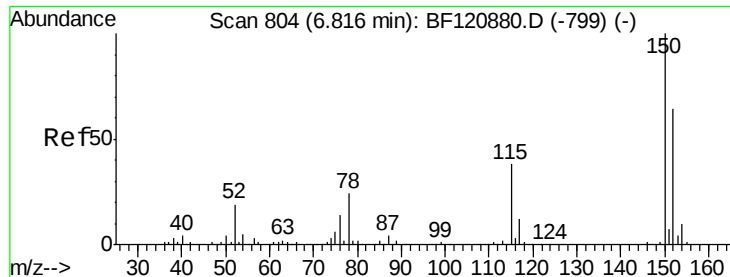
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF120904.D

Acq: 17 Jul 2020 00:22

Instrument :

BNA_F

ClientSampled :

12

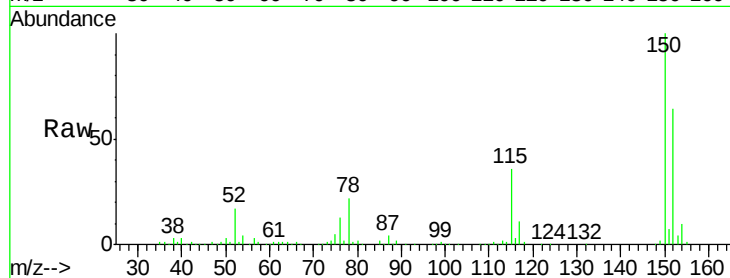
Tot Ion:152 Resp: 171992

Ion Ratio Lower Upper

152 100

150 156.9 125.0 187.6

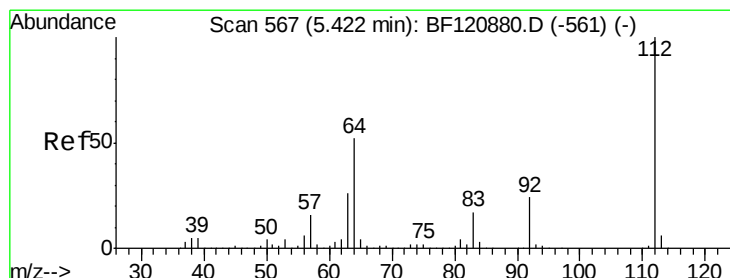
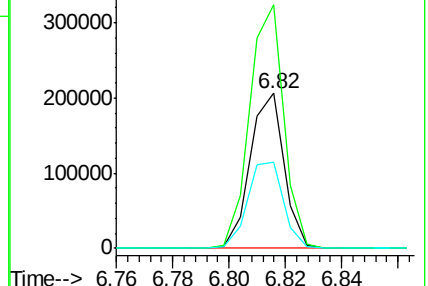
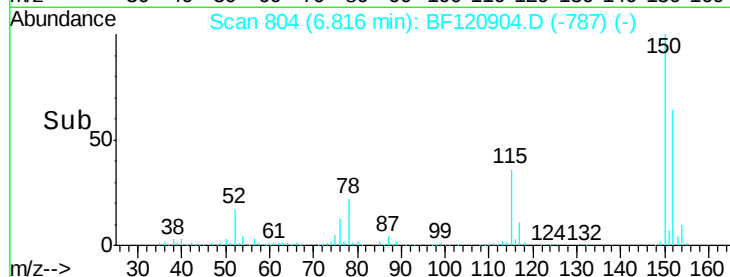
115 55.8 47.0 70.4



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: 86.120 ng

RT: 5.42 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF120904.D

Acq: 17 Jul 2020 00:22

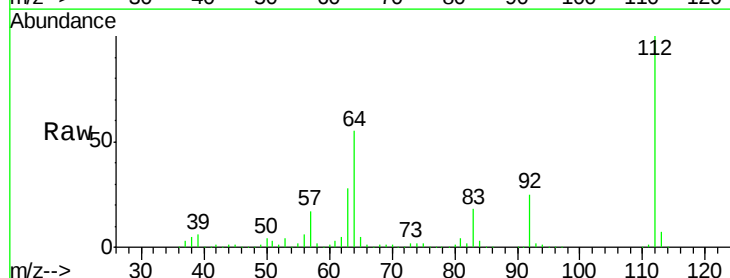
Tgt Ion:112 Resp: 903524

Ion Ratio Lower Upper

112 100

64 55.0 41.3 61.9

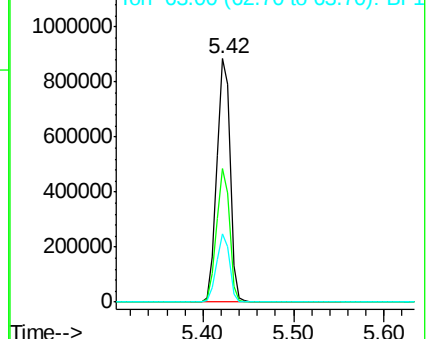
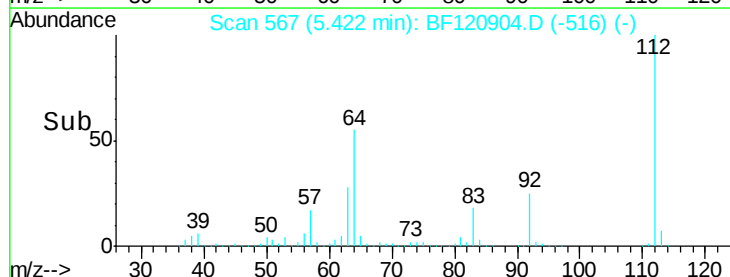
63 28.2 21.1 31.7

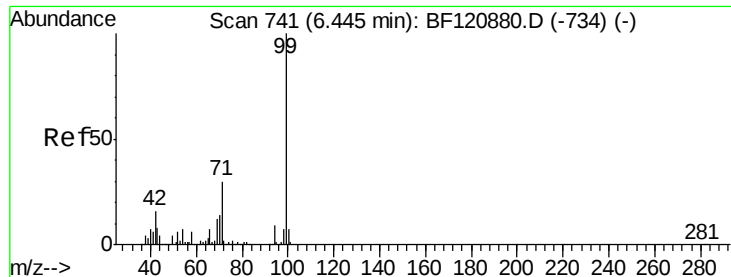


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 83.368 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF120904.D

Acq: 17 Jul 2020 00:22

Instrument :

BNA_F

ClientSampleId :

12

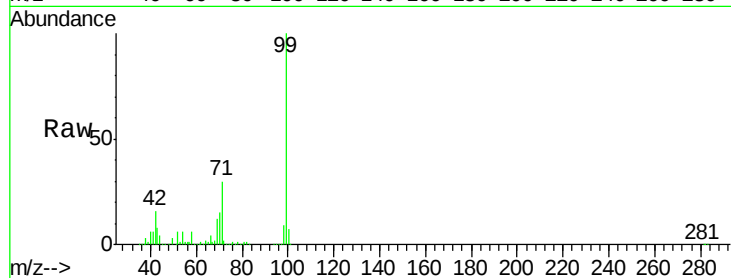
Tot Ion: 99 Resp: 1129825

Ion Ratio Lower Upper

99 100

42 16.2 13.1 19.7

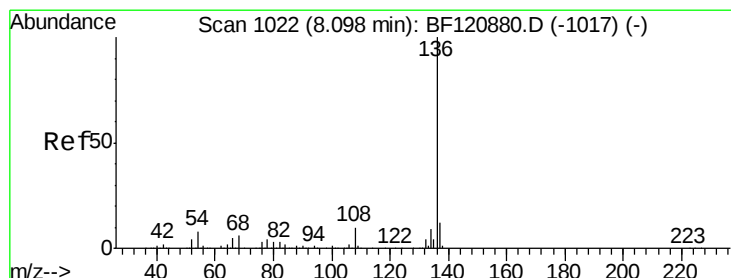
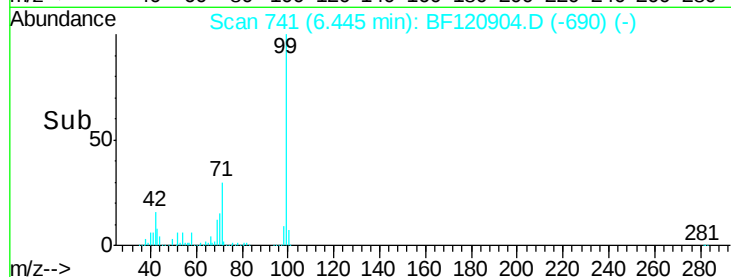
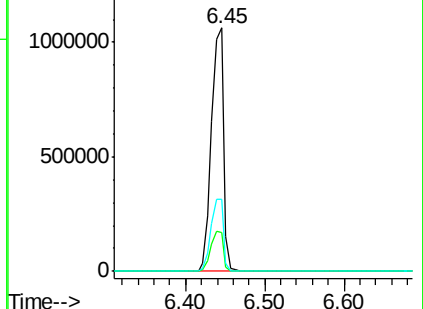
71 29.7 24.2 36.4



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: BF120904.D

Acq: 17 Jul 2020 00:22

Tgt Ion: 136 Resp: 665621

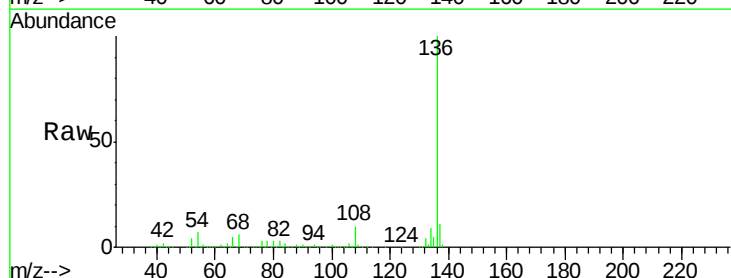
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 6.9 6.3 9.5

68 5.6 5.0 7.4

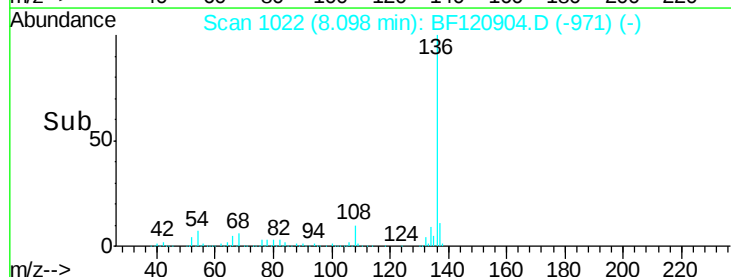
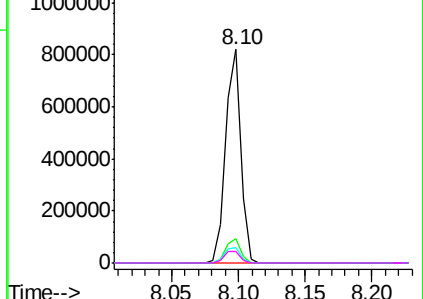


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.959 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120904.D

Acq: 17 Jul 2020 00:22

Instrument :

BNA_F

ClientSampled :

12

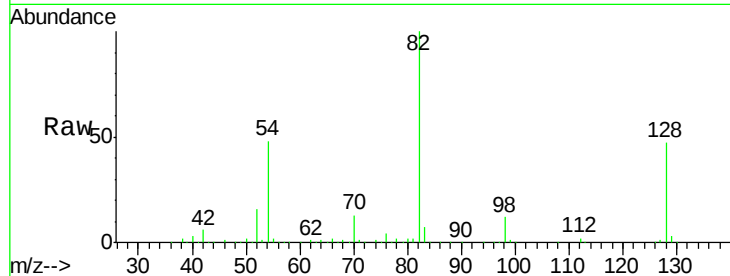
Tot Ion: 82 Resp: 689733

Ion Ratio Lower Upper

82 100

128 46.9 38.2 57.4

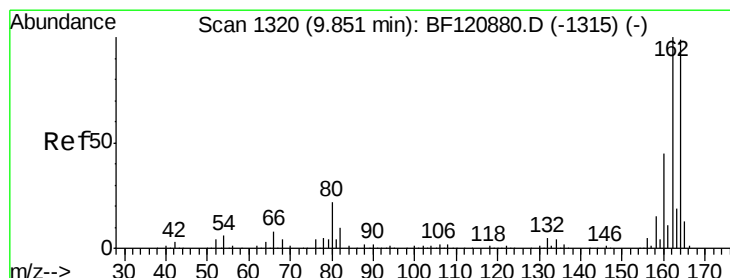
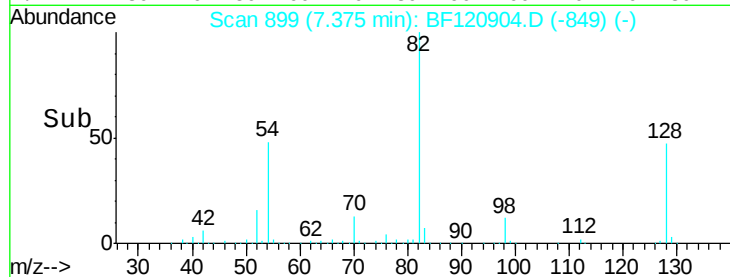
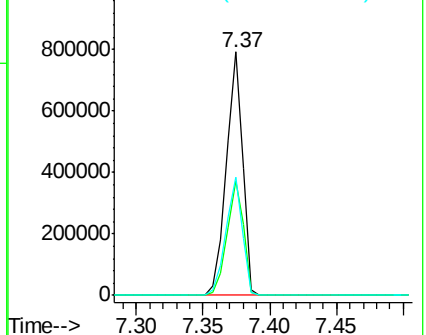
54 48.4 38.7 58.1



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: BF120904.D

Acq: 17 Jul 2020 00:22

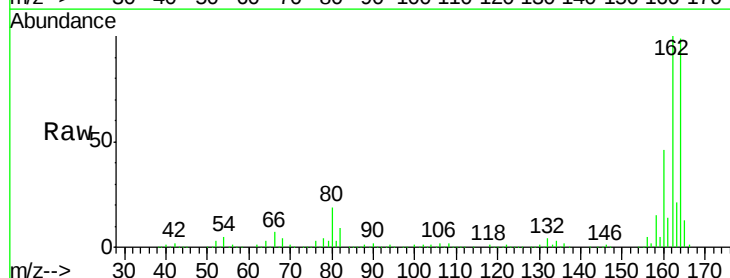
Tgt Ion: 164 Resp: 350687

Ion Ratio Lower Upper

164 100

162 101.3 81.2 121.8

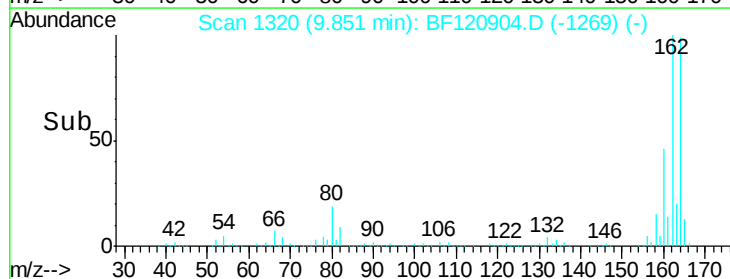
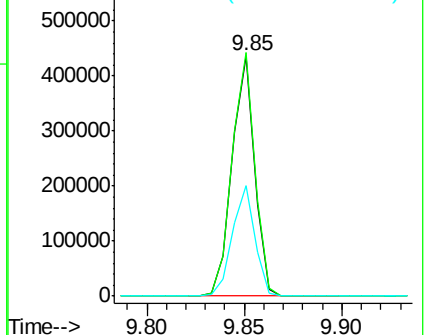
160 46.1 36.9 55.3

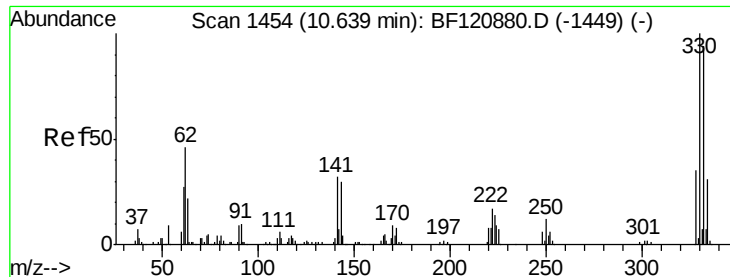


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 88.713 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF120904.D

Acq: 17 Jul 2020 00:22

Instrument :

BNA_F

ClientSampleId :

12

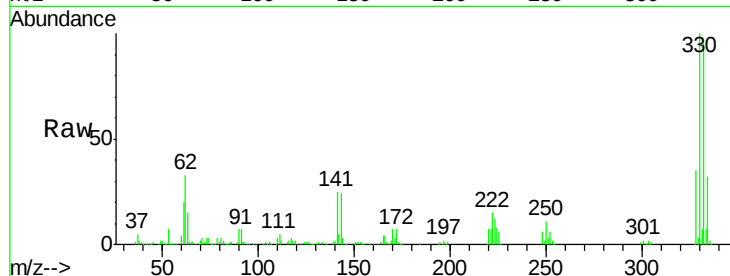
Tot Ion:330 Resp: 340537

Ion Ratio Lower Upper

330 100

332 95.4 75.5 113.3

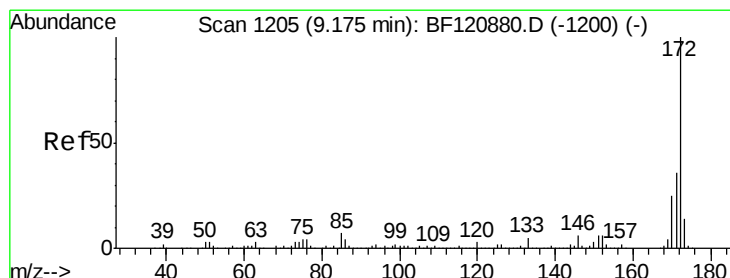
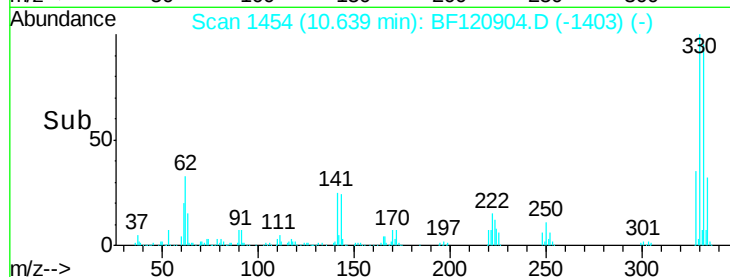
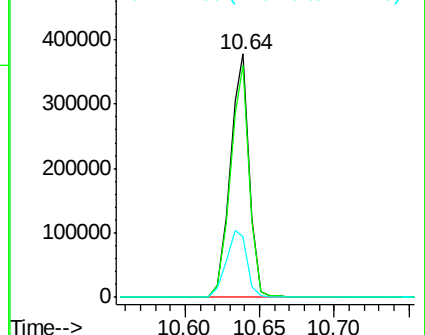
141 30.5 25.7 38.5



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: 54.081 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF120904.D

Acq: 17 Jul 2020 00:22

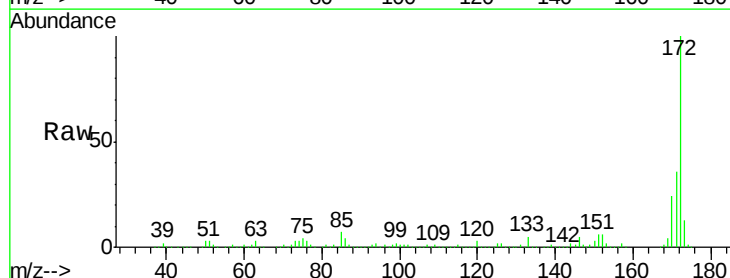
Tgt Ion:172 Resp: 1270252

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.4

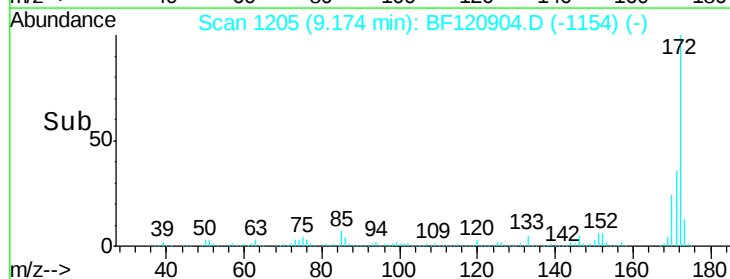
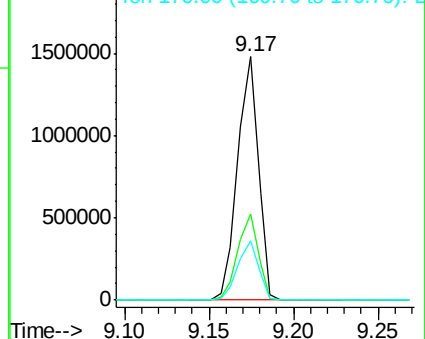
170 24.1 19.6 29.4

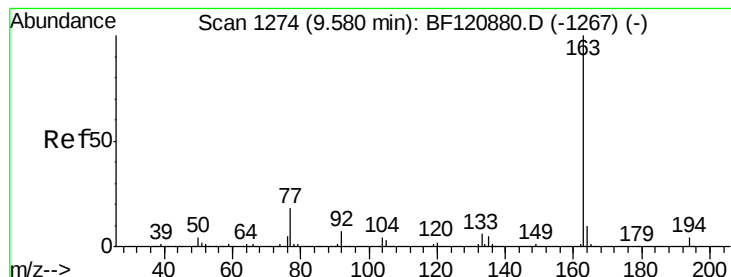


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.897 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF120904.D

Acq: 17 Jul 2020 00:22

Instrument :

BNA_F

ClientSampleId :

12

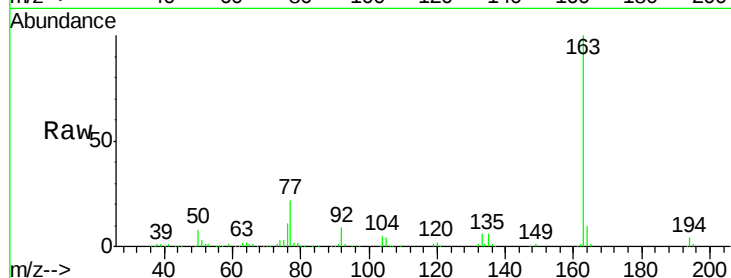
Tot Ion:163 Resp: 225090

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

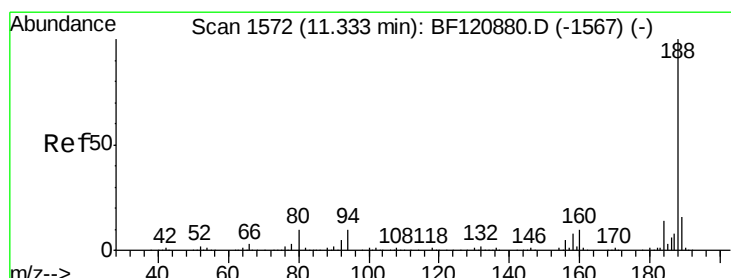
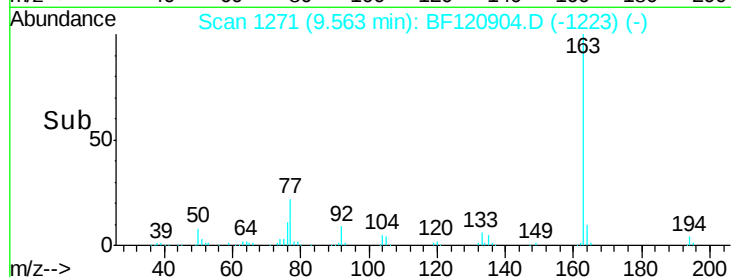
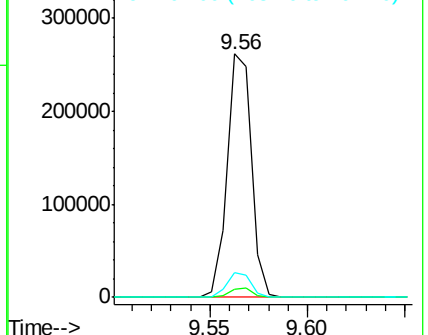
164 10.2 7.9 11.9



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF120904.D

Acq: 17 Jul 2020 00:22

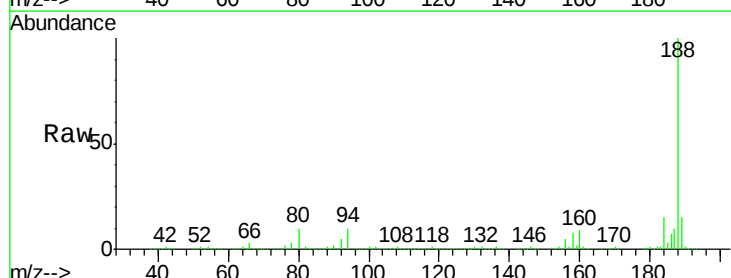
Tgt Ion:188 Resp: 654436

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

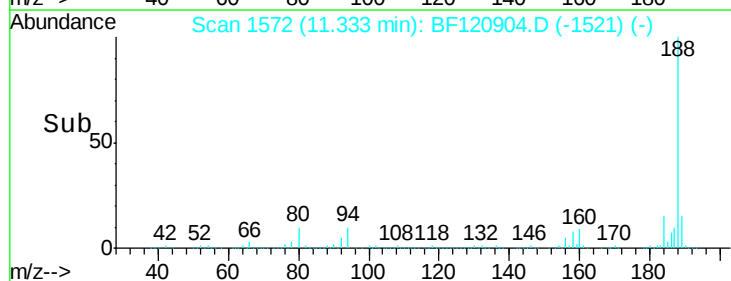
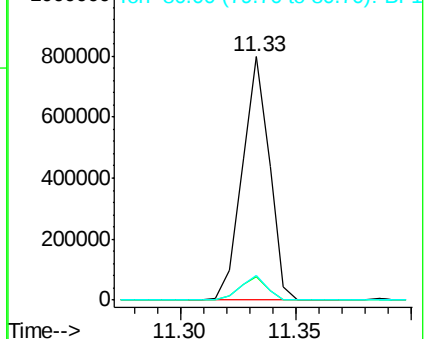
80 9.9 8.3 12.5

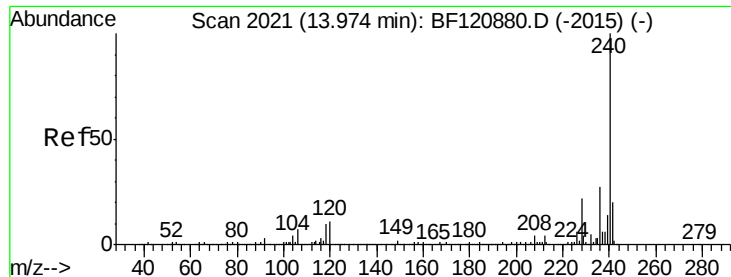


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF120904.D

Acq: 17 Jul 2020 00:22

Instrument :

BNA_F

ClientSampleId :

12

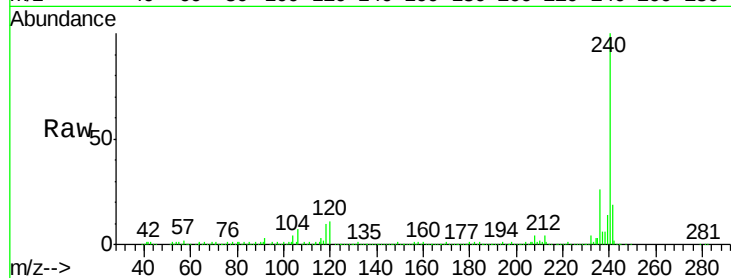
Tot Ion:240 Resp: 464328

Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.4

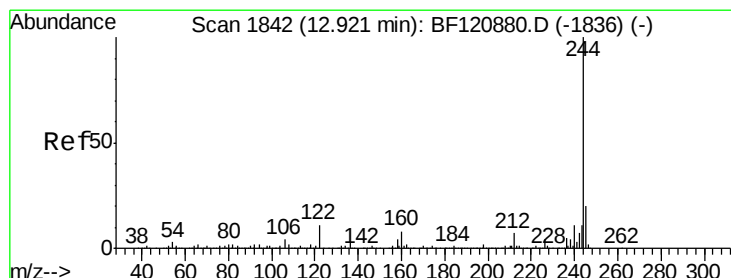
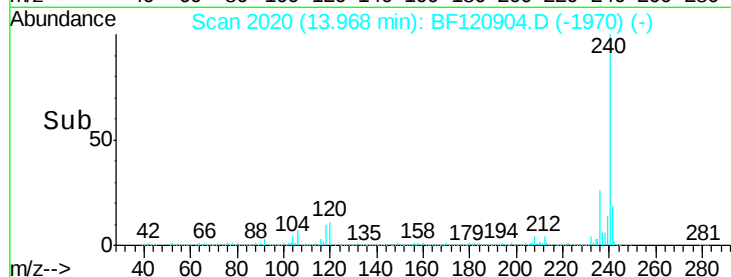
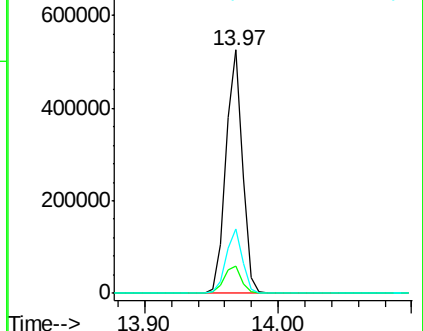
236 26.4 21.7 32.5



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: 61.931 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF120904.D

Acq: 17 Jul 2020 00:22

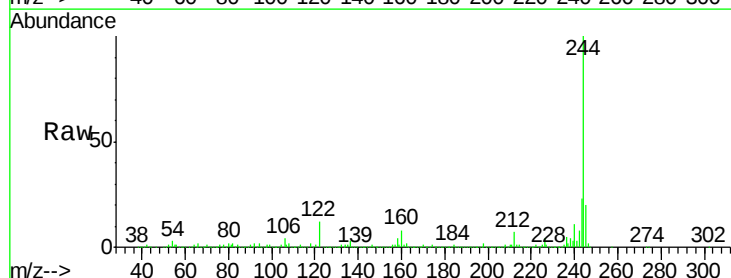
Tgt Ion:244 Resp: 1322873

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

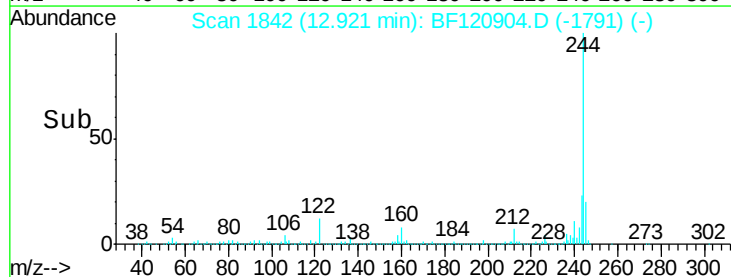
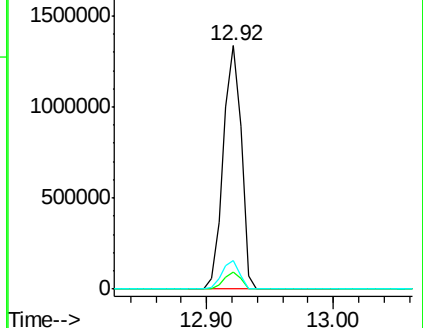
122 11.6 8.9 13.3

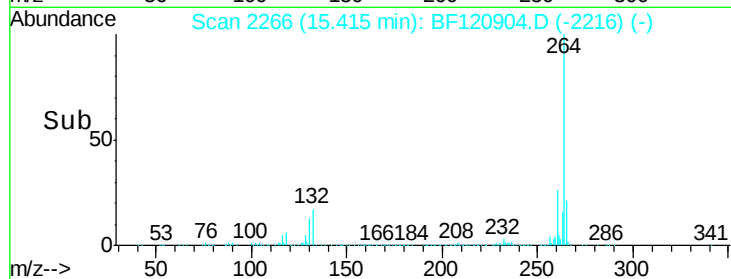
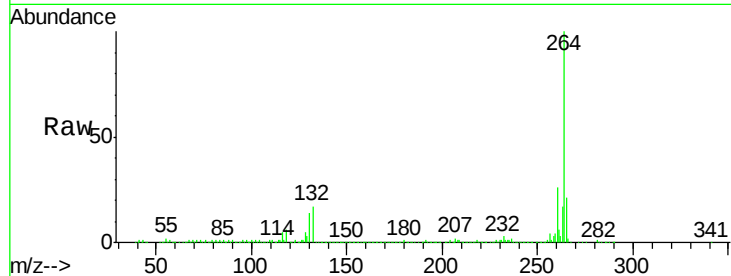
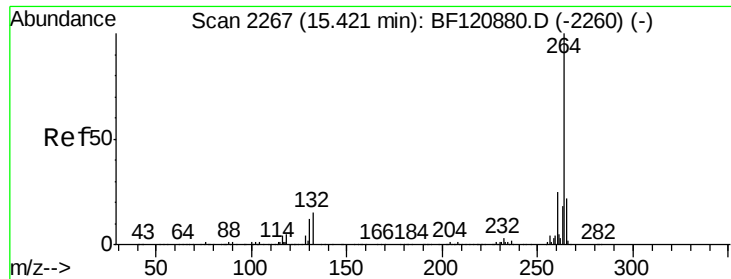


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF120904.D
Acq: 17 Jul 2020 00:22

Instrument :
BNA_F
ClientSampleId :
12

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.0	30.0
265	21.4	17.4	26.2

