

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
 Data File : BF121846.D
 Acq On : 6 Oct 2020 11:49
 Operator : JU/CG
 Sample : L4247-07DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-4DL

Quant Time: Oct 06 12:14:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	121890	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	479059	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	244911	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	439731	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	275669	20.00	ng	-0.01
86) Perylene-d12	15.36	264	251056	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	75702	9.23	ng	0.00
7) Phenol-d6	6.40	99	102233	9.50	ng	-0.01
23) Nitrobenzene-d5	7.32	82	64978	7.28	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	17519	5.76	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	124697	7.71	ng	-0.02
79) Terphenyl-d14	12.86	244	114630	8.42	ng	-0.02

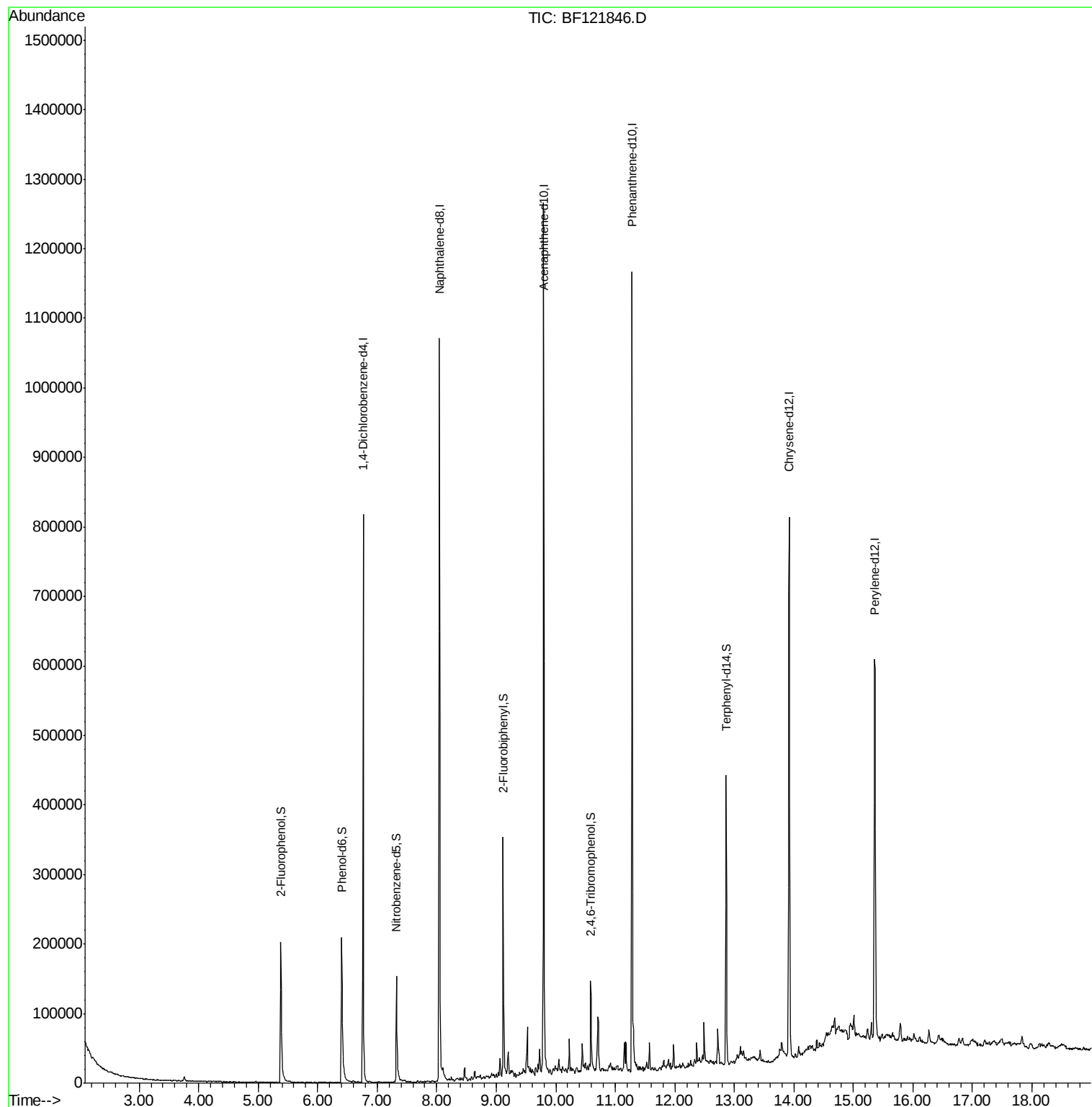
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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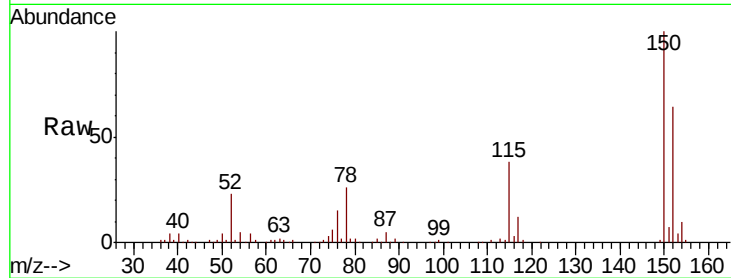


#1

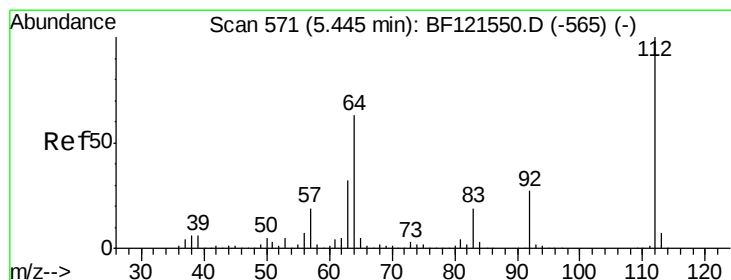
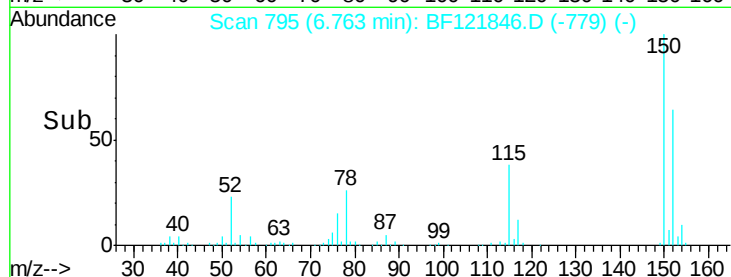
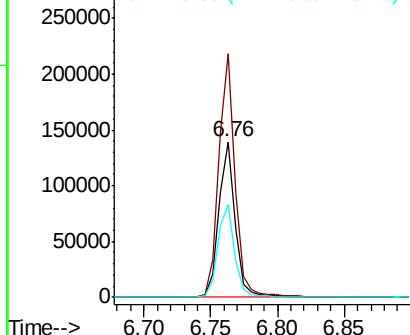
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121846.D
Acq: 6 Oct 2020 11:49

Instrument :
BNA_F
ClientSampleId :
DUP-4DL

Tot Ion:152 Resp: 121890
Ion Ratio Lower Upper
152 100
150 156.8 125.3 187.9
115 60.0 51.9 77.9



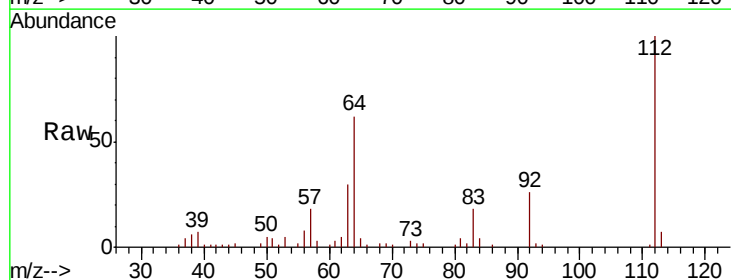
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



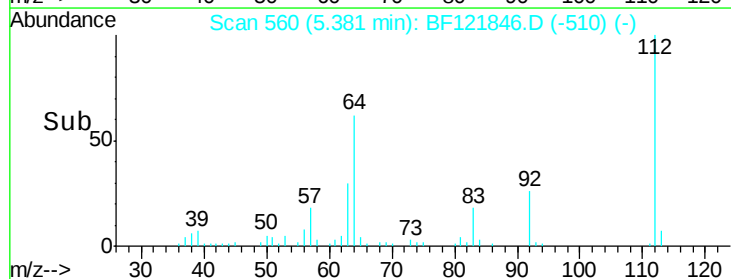
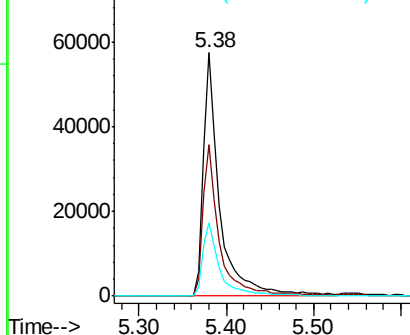
#5

2-Fluorophenol
Concen: 9.230 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121846.D
Acq: 6 Oct 2020 11:49

Tgt Ion:112 Resp: 75702
Ion Ratio Lower Upper
112 100
64 62.0 50.4 75.6
63 29.9 25.8 38.6



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: 9.501 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121846.D

Acq: 6 Oct 2020 11:49

Instrument :

BNA_F

ClientSampleId :

DUP-4DL

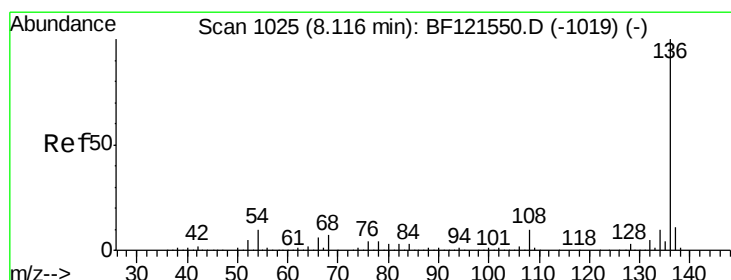
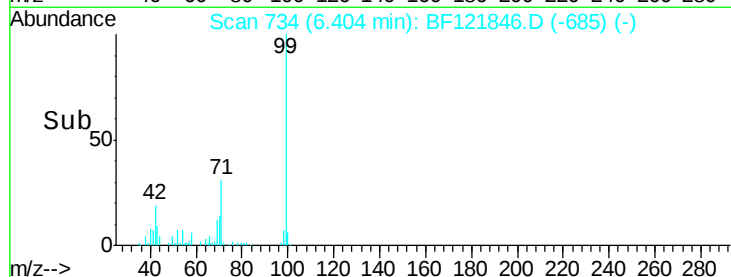
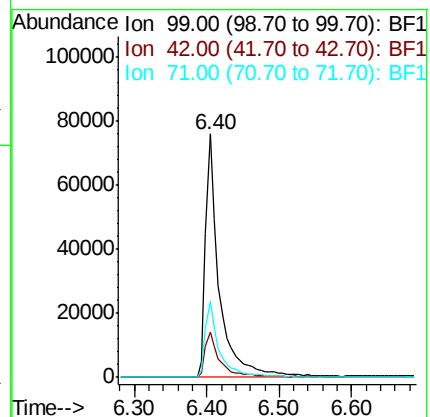
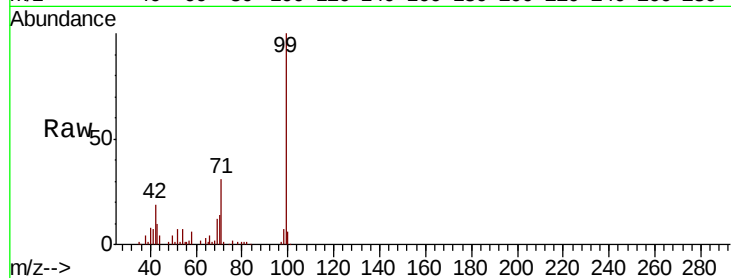
Tot Ion: 99 Resp: 102233

Ion Ratio Lower Upper

99 100

42 18.6 15.9 23.9

71 31.2 27.1 40.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121846.D

Acq: 6 Oct 2020 11:49

Tgt Ion: 136 Resp: 479059

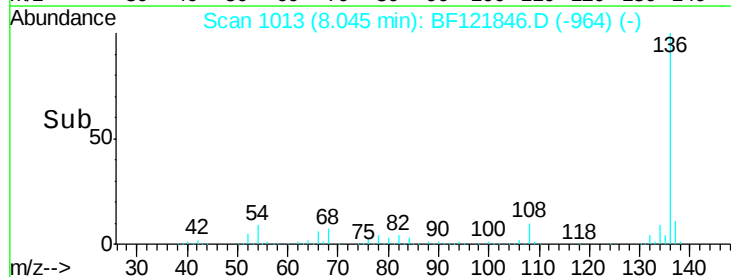
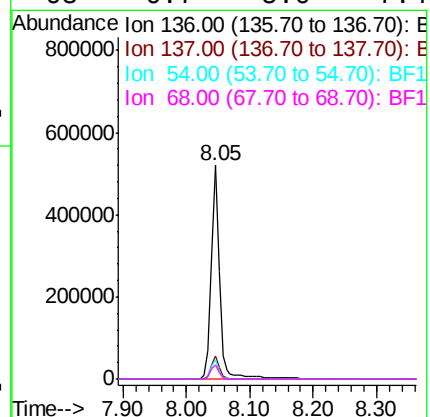
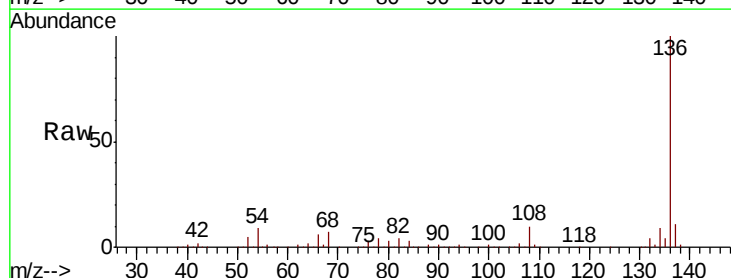
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 9.3 7.1 10.7

68 6.7 5.0 7.4

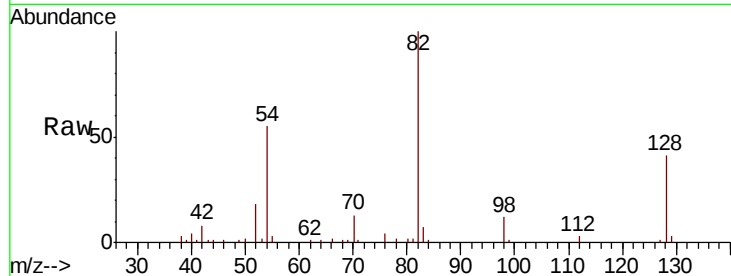




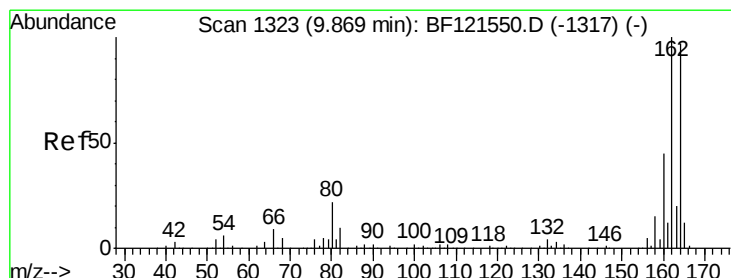
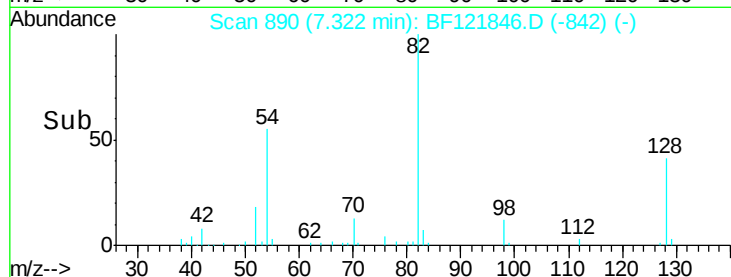
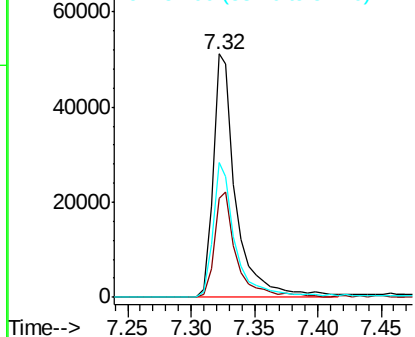
#23
Nitrobenzene-d5
Concen: 7.283 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF121846.D
Acq: 6 Oct 2020 11:49

Instrument :
BNA_F
ClientSampleId :
DUP-4DL

Tot Ion: 82 Resp: 64978
Ion Ratio Lower Upper
82 100
128 40.9 35.0 52.4
54 55.5 43.9 65.9

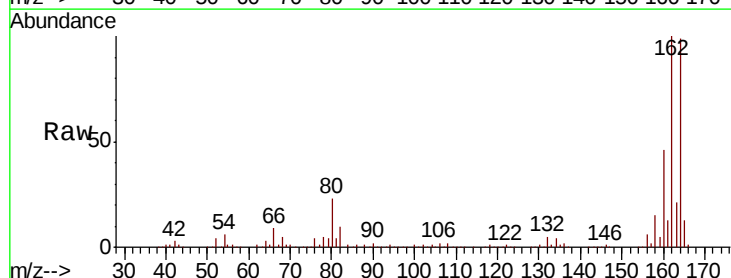


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

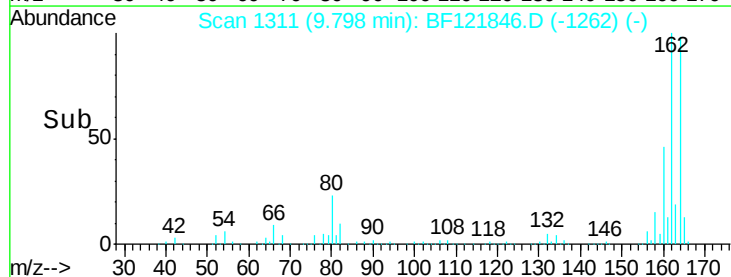
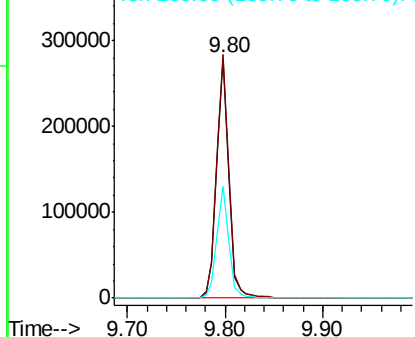


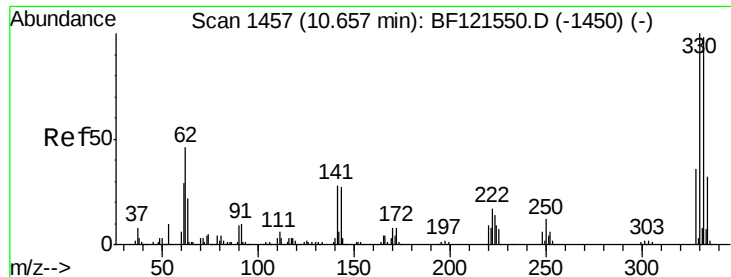
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121846.D
Acq: 6 Oct 2020 11:49

Tgt Ion: 164 Resp: 244911
Ion Ratio Lower Upper
164 100
162 101.5 83.2 124.8
160 46.6 37.5 56.3



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: 5.755 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF121846.D

Acq: 6 Oct 2020 11:49

Instrument :

BNA_F

ClientSampleId :

DUP-4DL

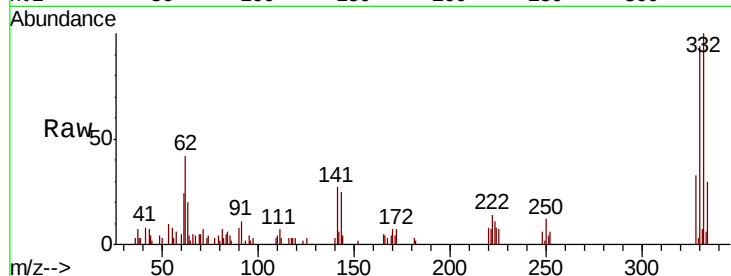
Tot Ion:330 Resp: 17519

Ion Ratio Lower Upper

330 100

332 102.9 77.3 115.9

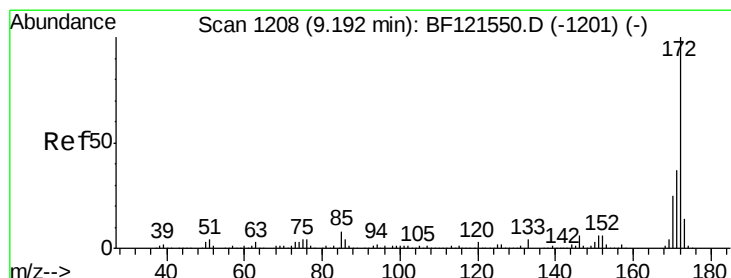
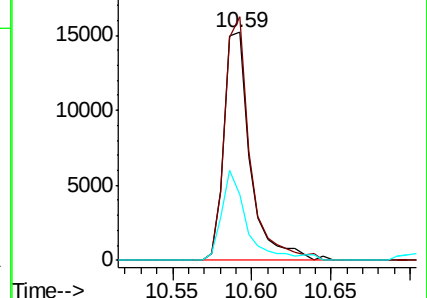
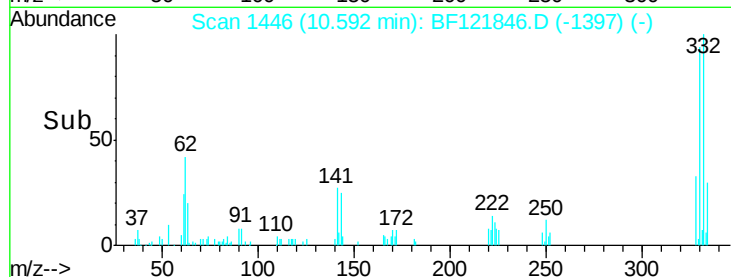
141 37.9 22.3 33.5#



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: 7.711 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BF121846.D

Acq: 6 Oct 2020 11:49

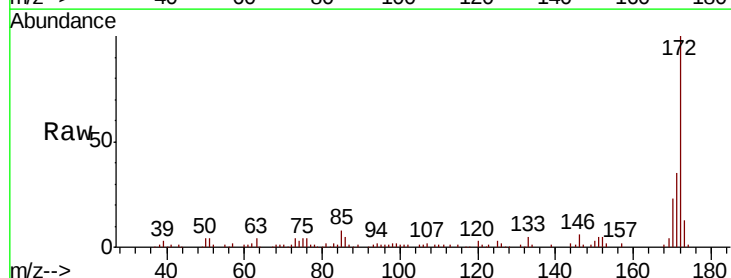
Tgt Ion:172 Resp: 124697

Ion Ratio Lower Upper

172 100

171 35.1 29.1 43.7

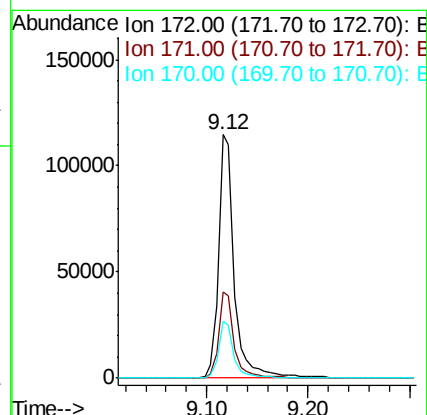
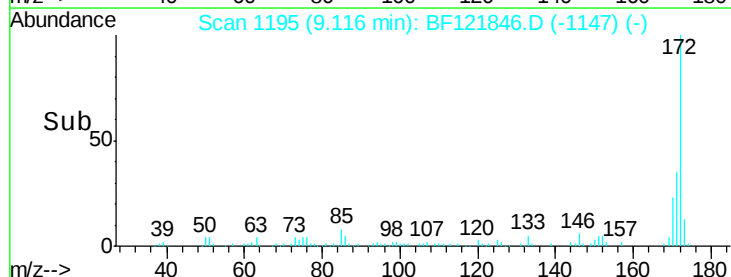
170 23.2 19.8 29.6

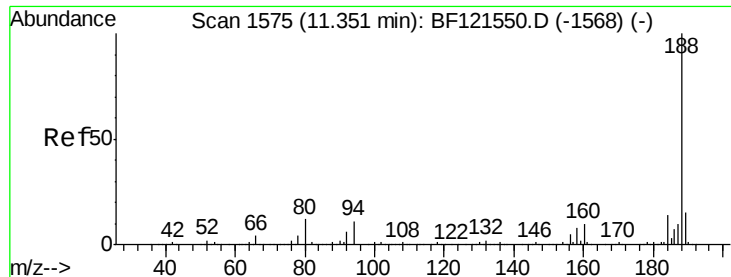


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

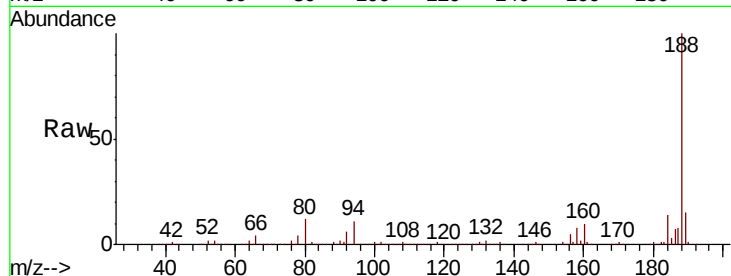




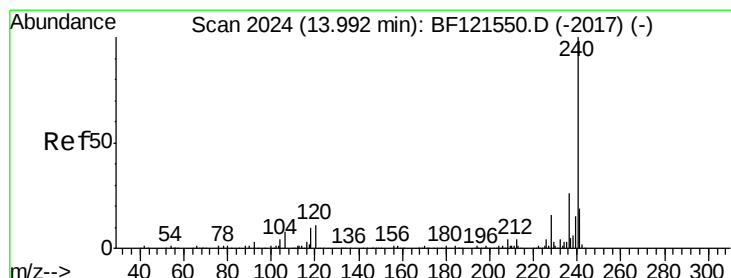
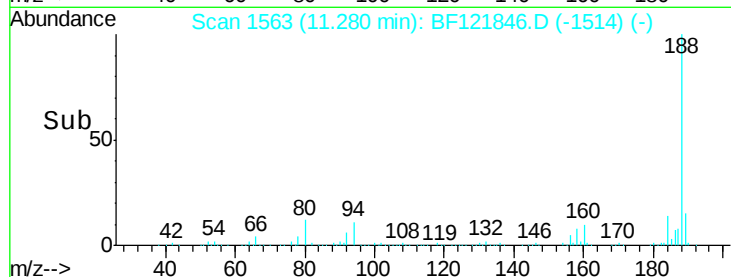
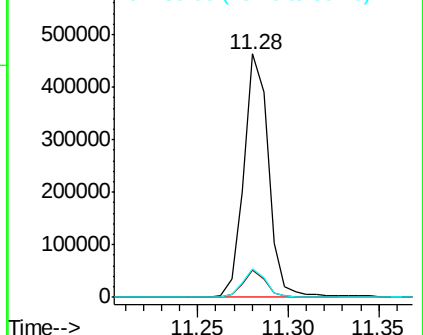
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121846.D
Acq: 6 Oct 2020 11:49

Instrument :
BNA_F
ClientSampleId :
DUP-4DL

Tot Ion:188 Resp: 439731
Ion Ratio Lower Upper
188 100
94 11.3 8.3 12.5
80 11.9 9.1 13.7

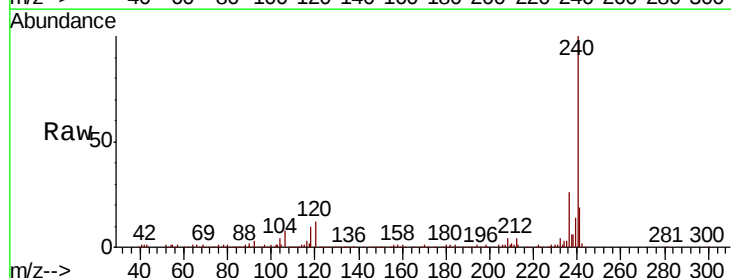


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

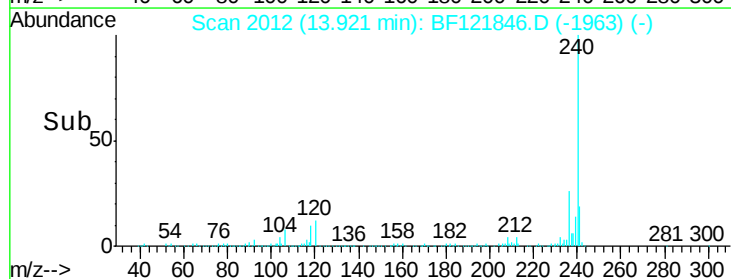
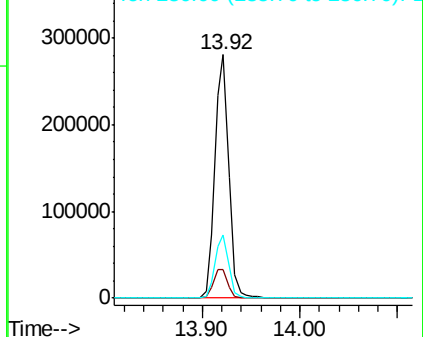


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121846.D
Acq: 6 Oct 2020 11:49

Tgt Ion:240 Resp: 275669
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 25.9 20.9 31.3



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: 8.424 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF121846.D

Acq: 6 Oct 2020 11:49

Instrument :

BNA_F

ClientSampleId :

DUP-4DL

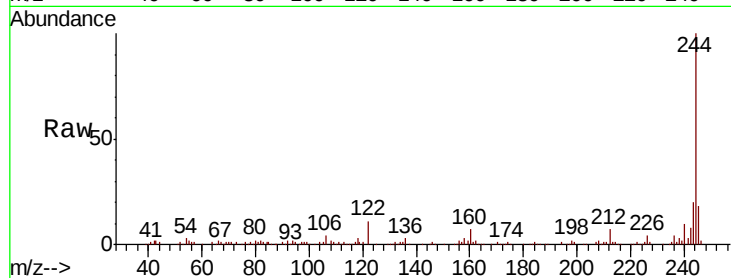
Tot Ion:244 Resp: 114630

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

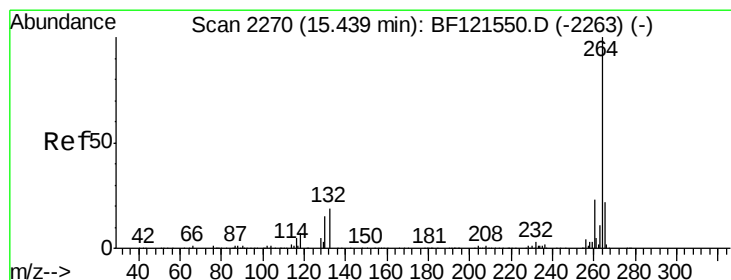
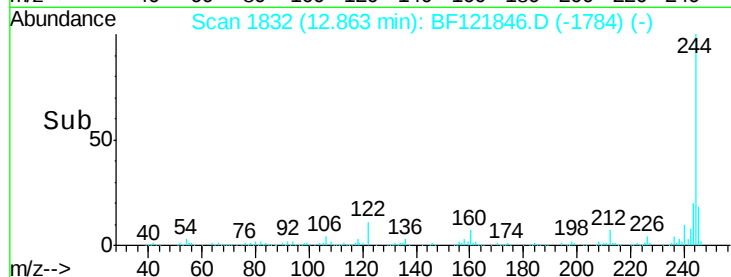
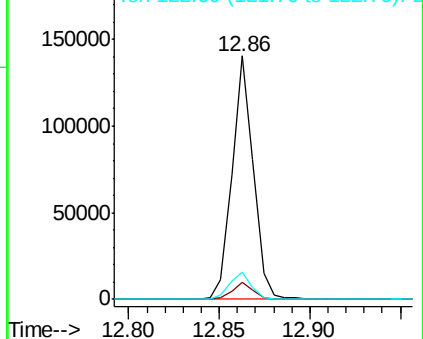
122 11.4 8.1 12.1



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: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF121846.D

Acq: 6 Oct 2020 11:49

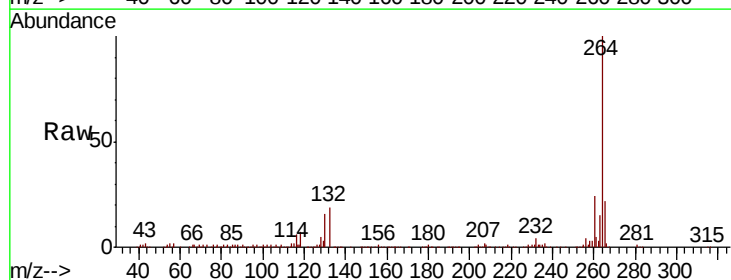
Tgt Ion:264 Resp: 251056

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.6 17.3 25.9



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

