

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121625.D
 Acq On : 21 Sep 2020 14:20
 Operator : JU/CG
 Sample : PB131730TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131730TB

Quant Time: Sep 21 14:54:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 21 14:19:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	172812	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	686205	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	360640	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	701448	20.00	ng	0.00
76) Chrysene-d12	13.99	240	645619	20.00	ng	0.00
86) Perylene-d12	15.46	264	600250	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1087065	93.48	ng	0.02
7) Phenol-d6	6.46	99	1382765	90.64	ng	0.00
23) Nitrobenzene-d5	7.38	82	968145	75.75	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	464074	103.54	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1721718	72.30	ng	0.00
79) Terphenyl-d14	12.95	244	1959347	61.48	ng	0.00

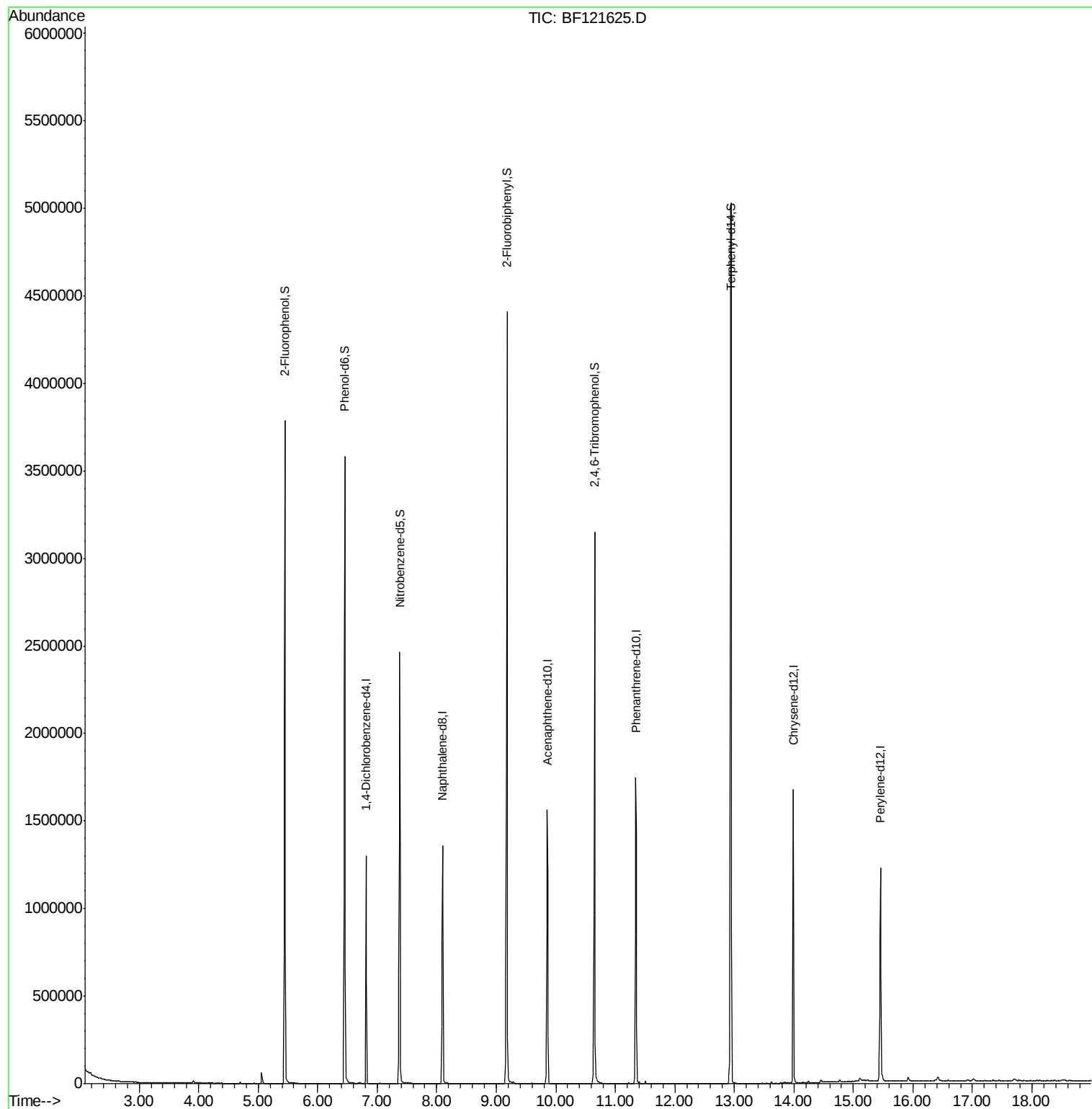
Target Compounds Qvalue

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

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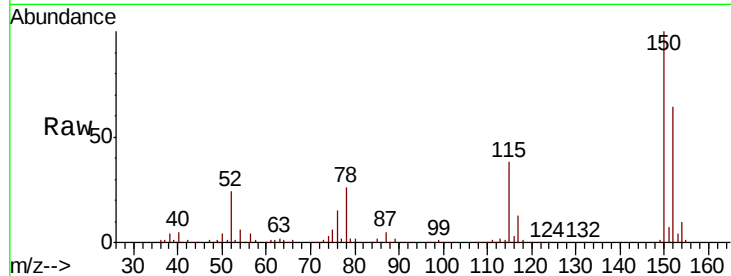


#1

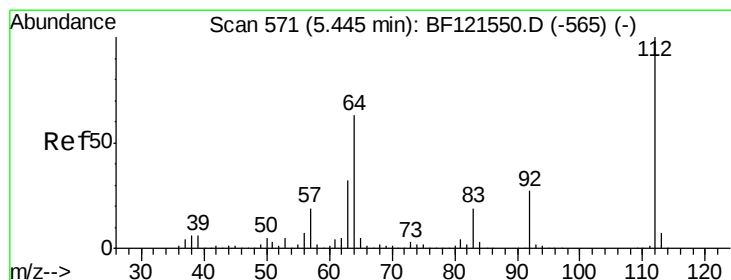
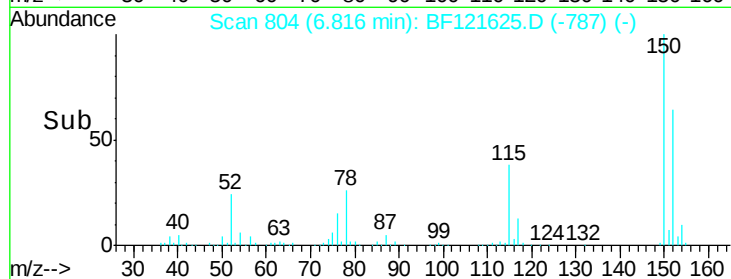
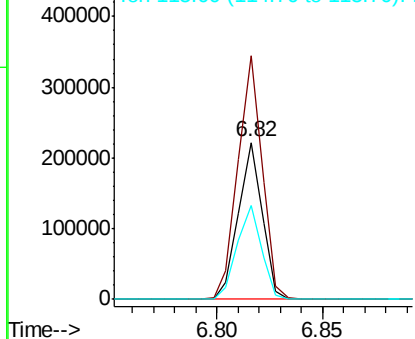
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121625.D
Acq: 21 Sep 2020 14:20

Instrument :
BNA_F
ClientSampleId :
PB131730TB

Tot Ion:152 Resp: 172812
Ion Ratio Lower Upper
152 100
150 155.3 128.1 192.1
115 59.7 52.6 79.0



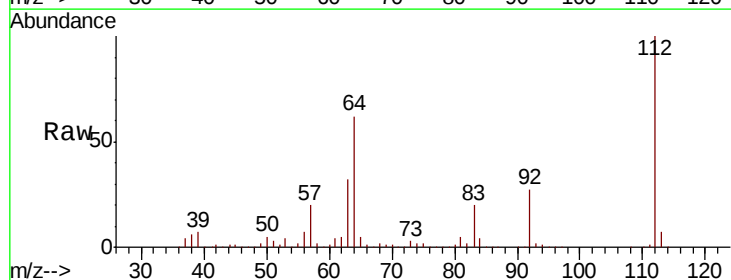
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



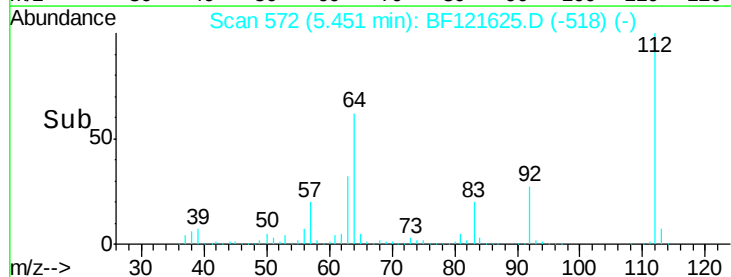
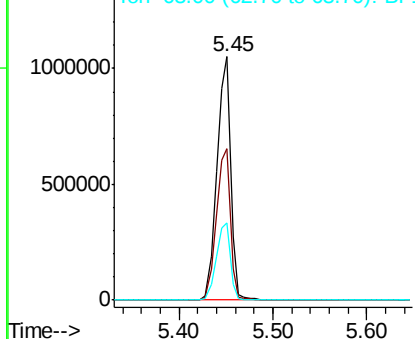
#5

2-Fluorophenol
Concen: 93.484 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.02 min
Lab File: BF121625.D
Acq: 21 Sep 2020 14:20

Tgt Ion:112 Resp: 1087065
Ion Ratio Lower Upper
112 100
64 62.4 52.2 78.2
63 31.9 26.6 39.8



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: 90.639 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121625.D

Acq: 21 Sep 2020 14:20

Instrument :

BNA_F

ClientSampleId :

PB131730TB

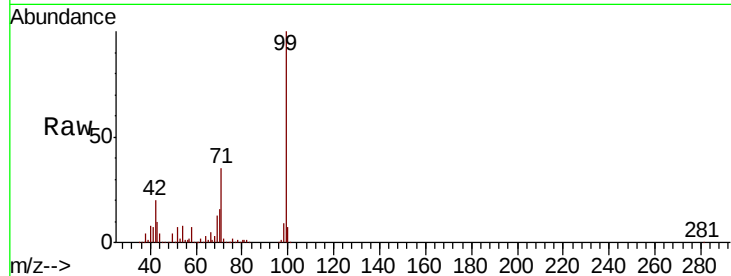
Tot Ion: 99 Resp: 1382765

Ion Ratio Lower Upper

99 100

42 19.6 15.5 23.3

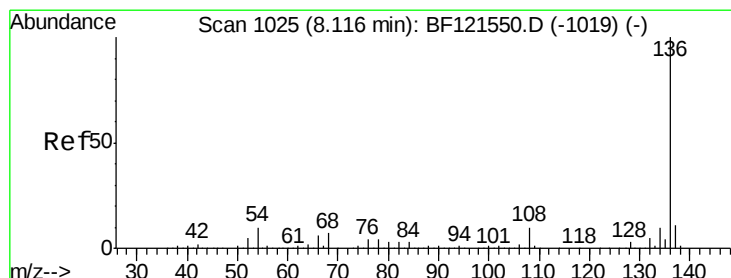
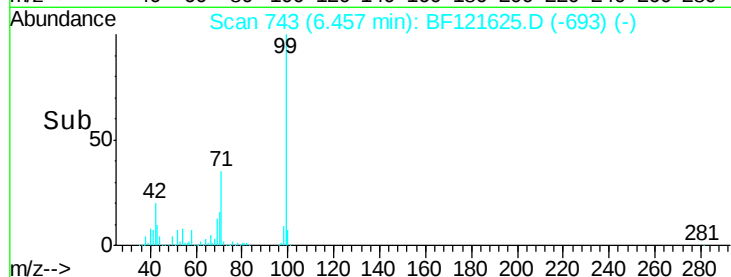
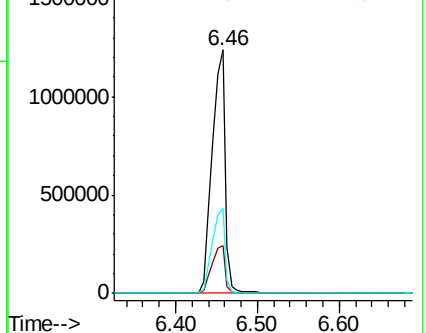
71 34.9 27.4 41.2



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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF121625.D

Acq: 21 Sep 2020 14:20

Tgt Ion: 136 Resp: 686205

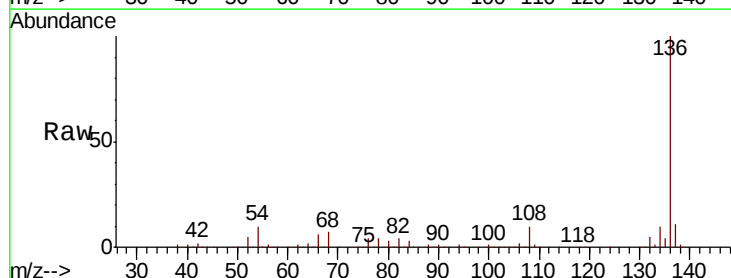
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.6 7.4 11.0

68 6.9 5.3 7.9

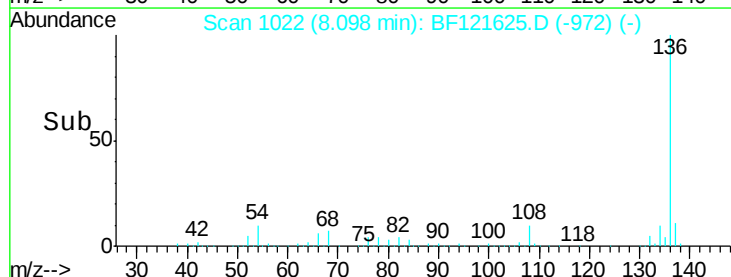
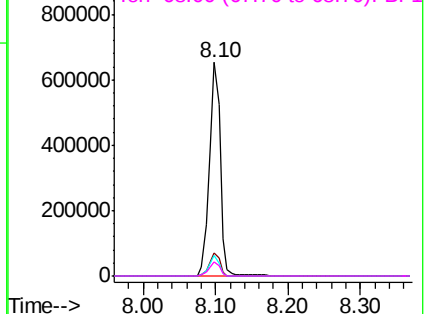


Abundance Ion 136.00 (135.70 to 136.70): E

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

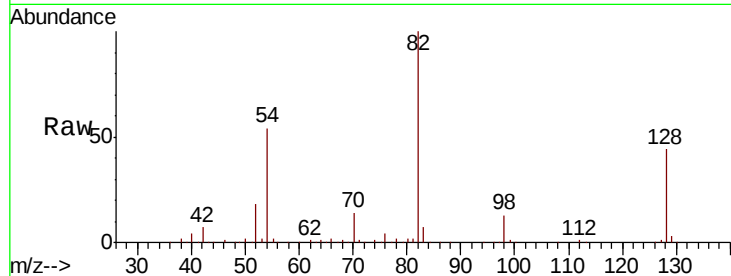




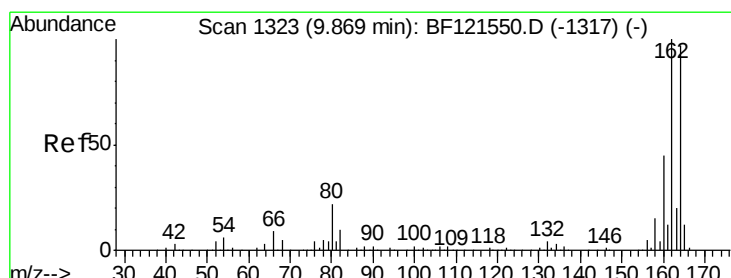
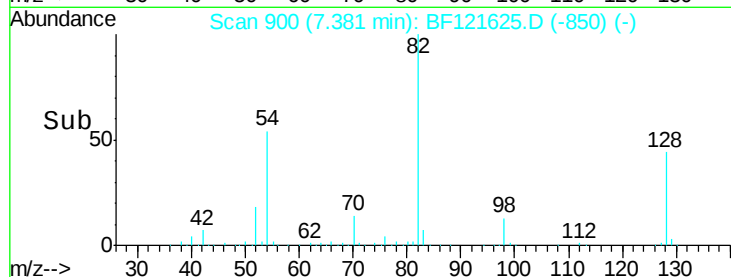
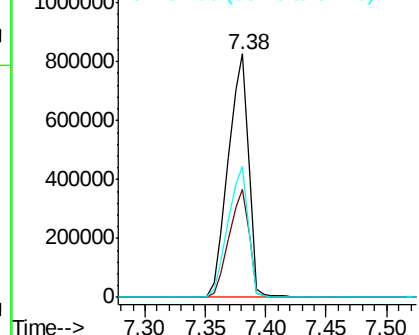
#23
Nitrobenzene-d5
Concen: 75.752 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF121625.D
Acq: 21 Sep 2020 14:20

Instrument :
BNA_F
ClientSampled :
PB131730TB

Tot Ion: 82 Resp: 968145
Ion Ratio Lower Upper
82 100
128 44.3 33.9 50.9
54 54.1 42.9 64.3

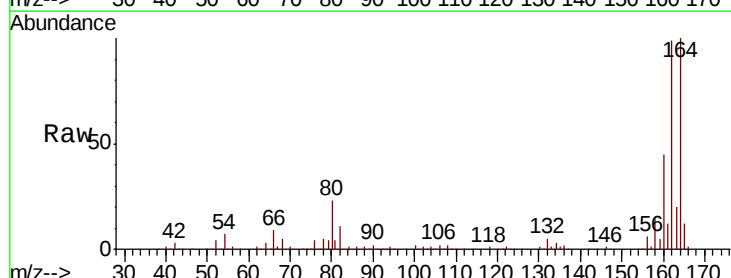


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

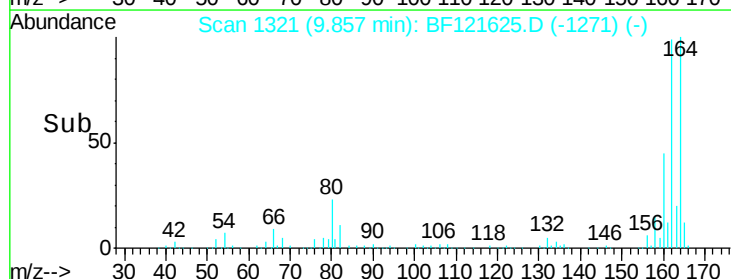
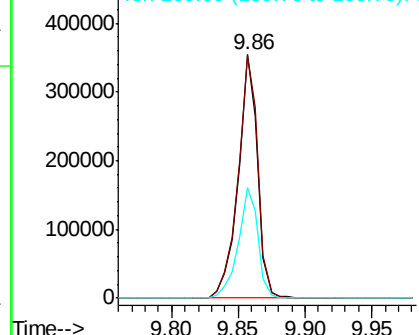


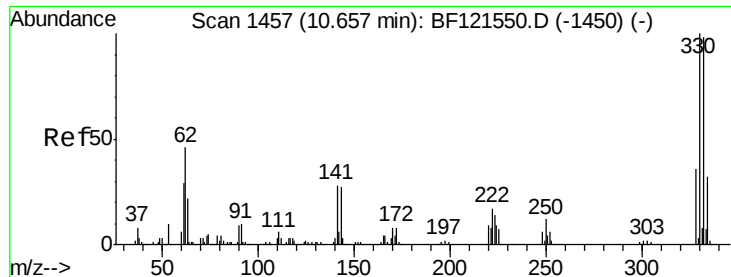
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF121625.D
Acq: 21 Sep 2020 14:20

Tgt Ion: 164 Resp: 360640
Ion Ratio Lower Upper
164 100
162 99.4 81.2 121.8
160 45.3 36.2 54.4



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: 103.535 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF121625.D

Acq: 21 Sep 2020 14:20

Instrument :

BNA_F

ClientSampleId :

PB131730TB

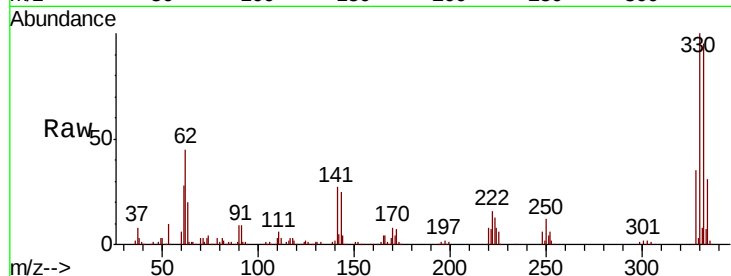
Tot Ion:330 Resp: 464074

Ion Ratio Lower Upper

330 100

332 95.1 76.9 115.3

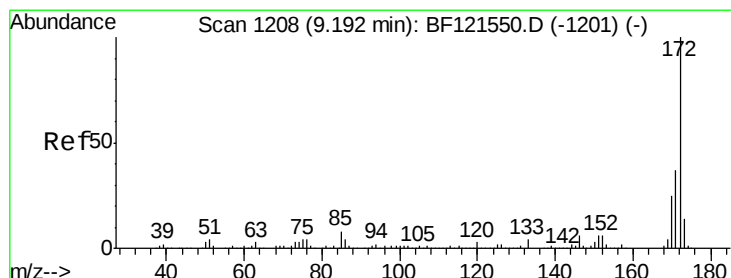
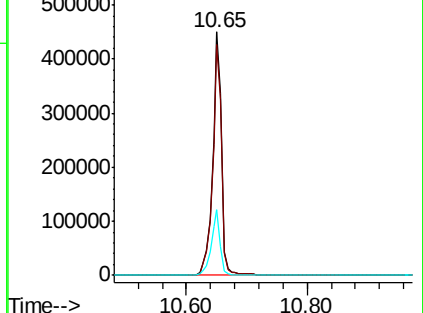
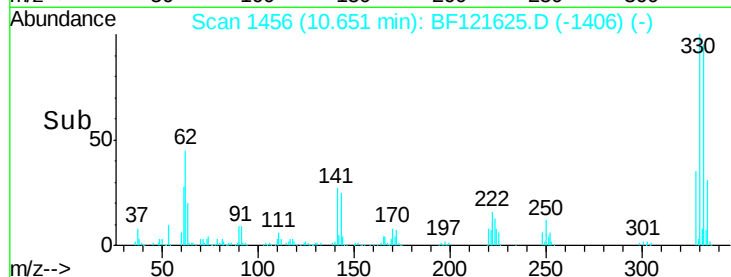
141 27.5 22.4 33.6



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: 72.305 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF121625.D

Acq: 21 Sep 2020 14:20

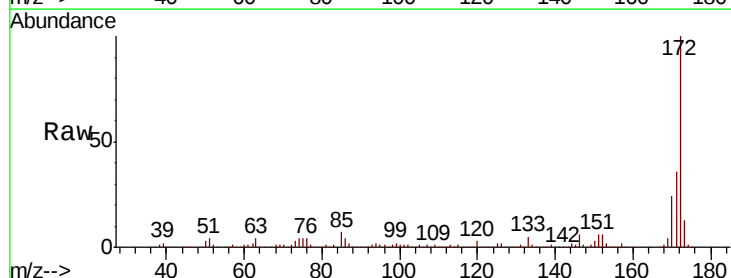
Tgt Ion:172 Resp: 1721718

Ion Ratio Lower Upper

172 100

171 36.4 29.3 43.9

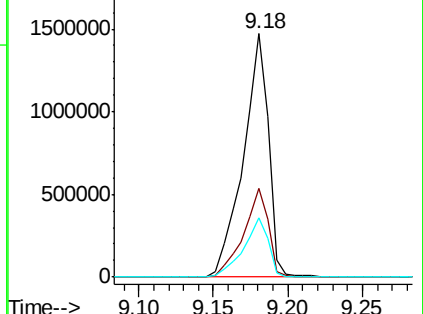
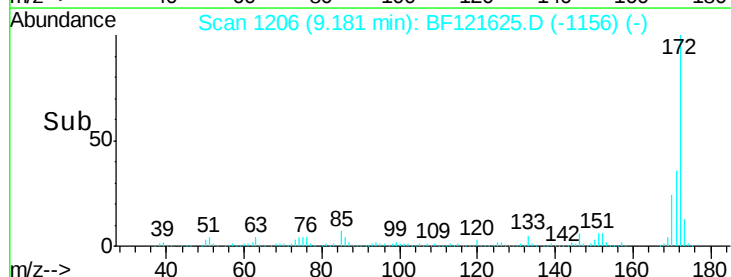
170 24.5 19.5 29.3

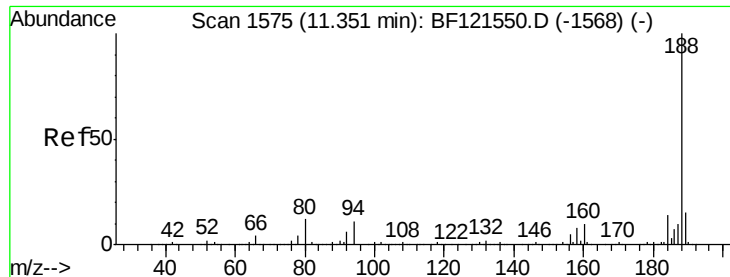


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

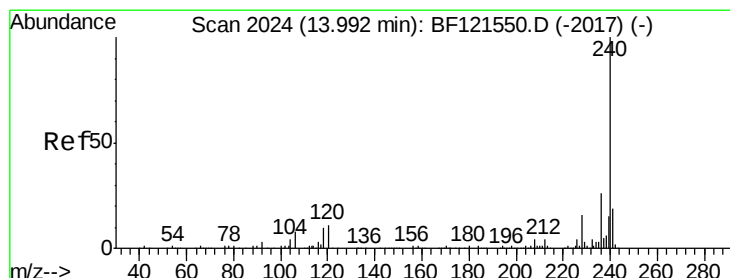
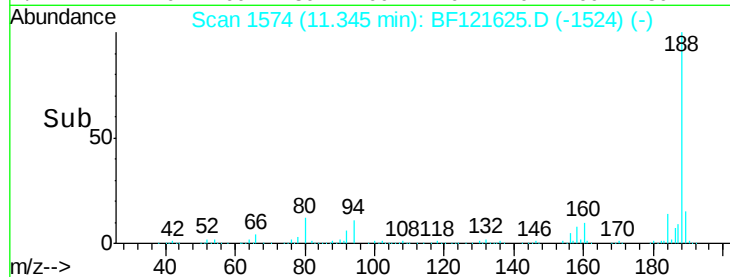
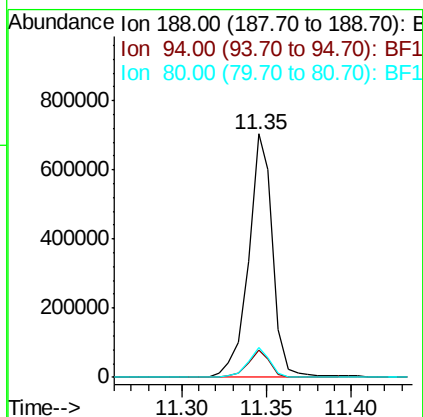
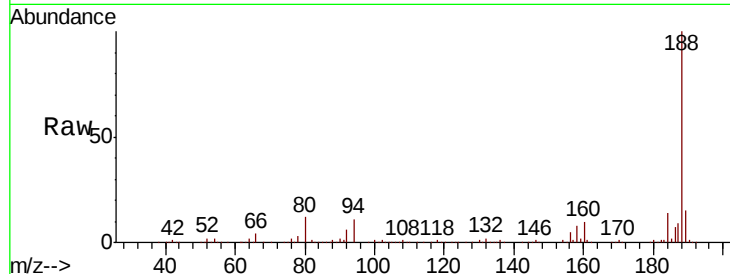




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121625.D
Acq: 21 Sep 2020 14:20

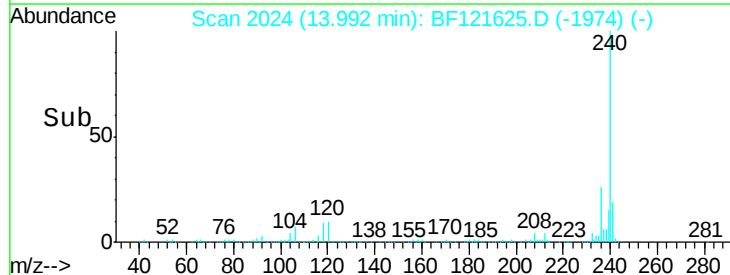
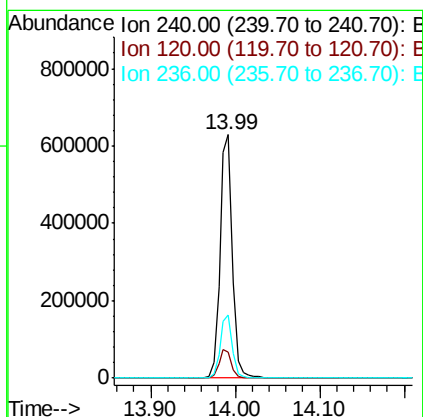
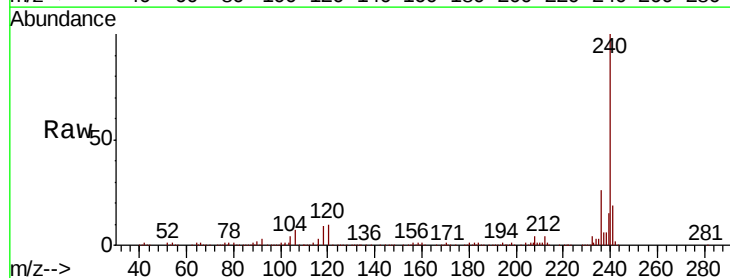
Instrument :
BNA_F
ClientSampleId :
PB131730TB

Tot Ion:188 Resp: 701448
Ion Ratio Lower Upper
188 100
94 11.3 8.4 12.6
80 12.2 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF121625.D
Acq: 21 Sep 2020 14:20

Tgt Ion:240 Resp: 645619
Ion Ratio Lower Upper
240 100
120 10.5 9.2 13.8
236 25.9 20.4 30.6





#79

Terphenyl-d14

Concen: 61.483 ng

RT: 12.95 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BF121625.D

Acq: 21 Sep 2020 14:20

Instrument :

BNA_F

ClientSampleId :

PB131730TB

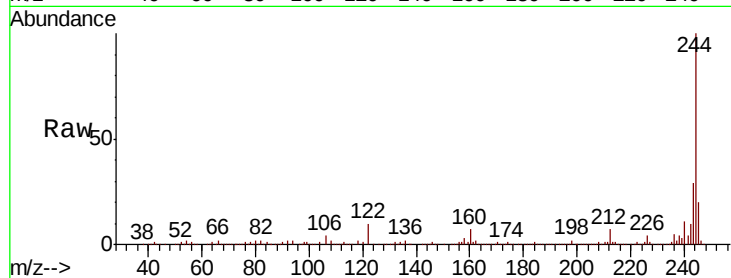
Tot Ion:244 Resp: 1959347

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

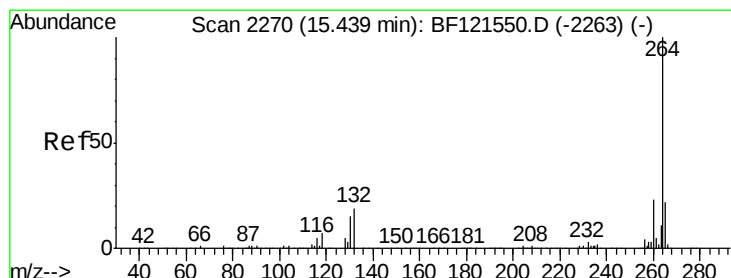
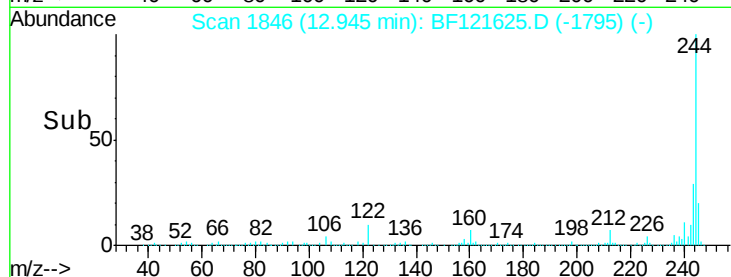
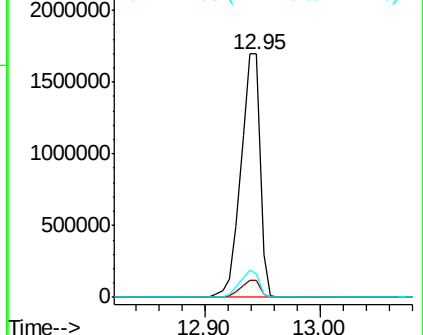
122 9.5 7.4 11.0



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: 15.46 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BF121625.D

Acq: 21 Sep 2020 14:20

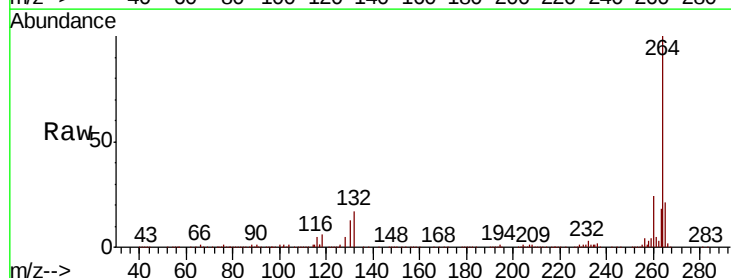
Tgt Ion:264 Resp: 600250

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 21.4 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

