

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133565.D
 Acq On : 05 Jun 2023 14:55
 Operator : CG\JU
 Sample : PB153176BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153176BL

Quant Time: Jun 05 17:50:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 17:49:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	168027	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	646317	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	330256	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	660324	20.000	ng	0.00
76) Chrysene-d12	13.998	240	443220	20.000	ng	0.00
86) Perylene-d12	15.457	264	408788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	117176	11.635	ng	0.00
7) Phenol-d6	6.440	99	139025	11.214	ng	-0.02
23) Nitrobenzene-d5	7.387	82	76240	7.876	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	33980	10.322	ng	-0.01
45) 2-Fluorobiphenyl	9.187	172	189770	8.869	ng	0.00
79) Terphenyl-d14	12.939	244	220568	8.848	ng	0.00

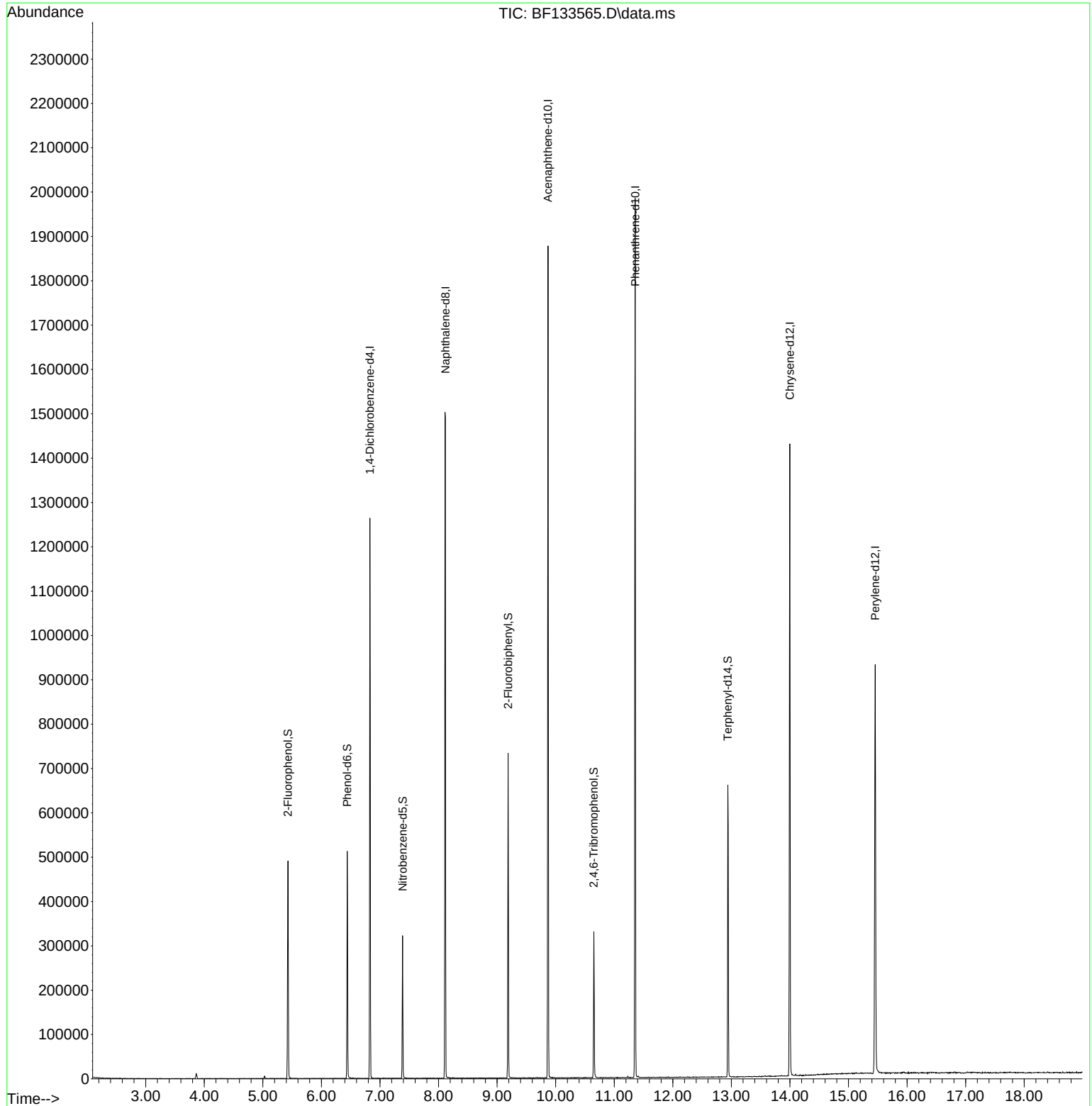
Target Compounds	Qvalue

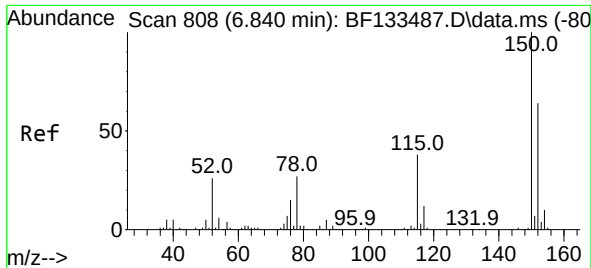
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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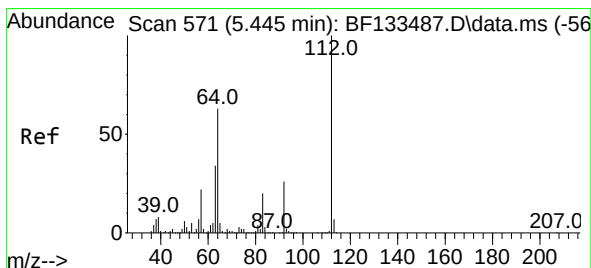
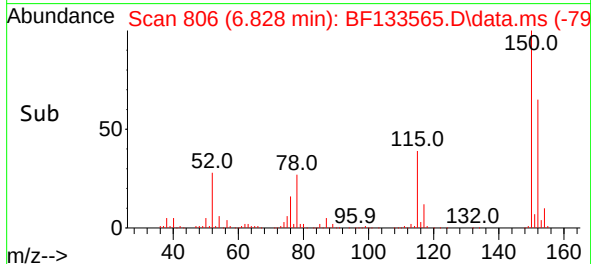
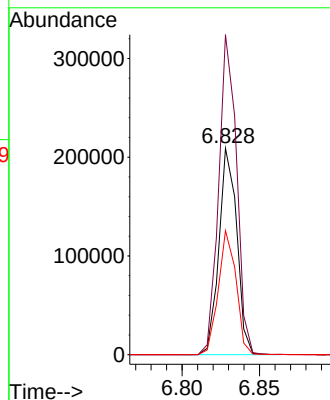
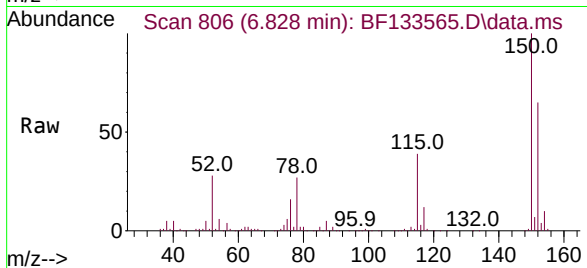




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133565.D
Acq: 05 Jun 2023 14:55

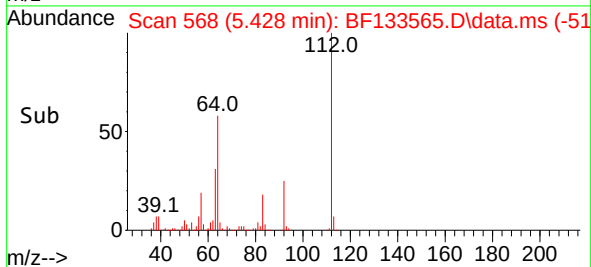
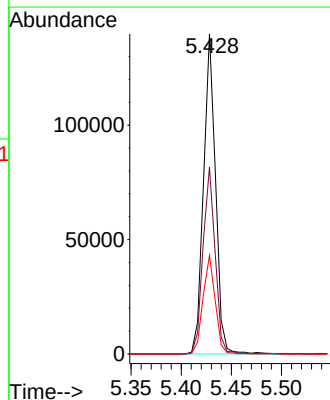
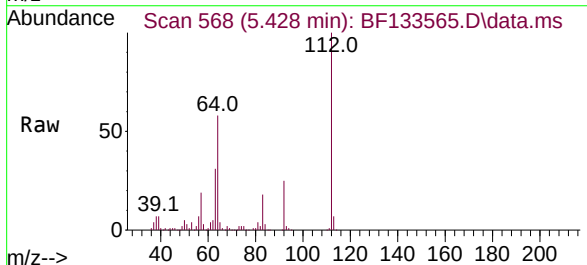
Instrument :
BNA_F
ClientSampleId :
PB153176BL

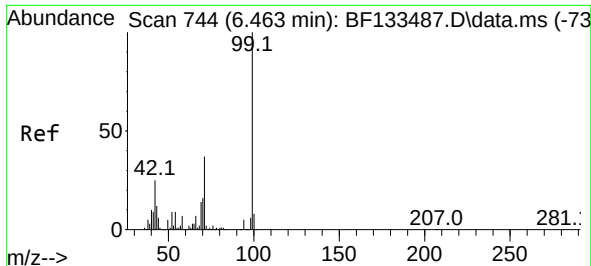
Tgt Ion:152 Resp: 168027
Ion Ratio Lower Upper
152 100
150 155.0 124.9 187.3
115 60.1 48.1 72.1



#5
2-Fluorophenol
Concen: 11.635 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF133565.D
Acq: 05 Jun 2023 14:55

Tgt Ion:112 Resp: 117176
Ion Ratio Lower Upper
112 100
64 58.5 50.1 75.1
63 30.8 27.5 41.3

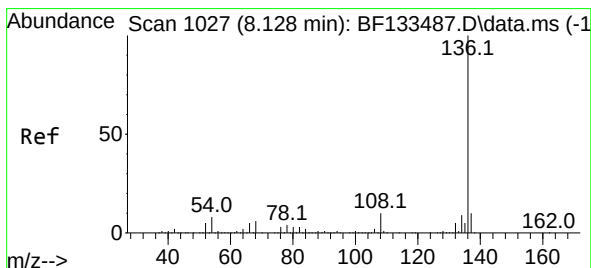
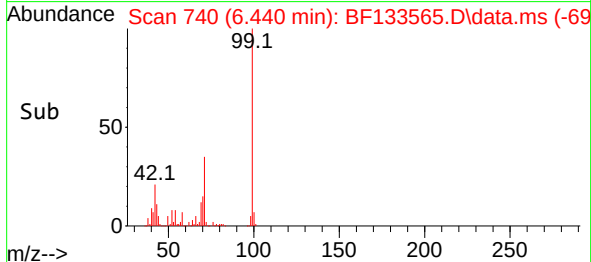
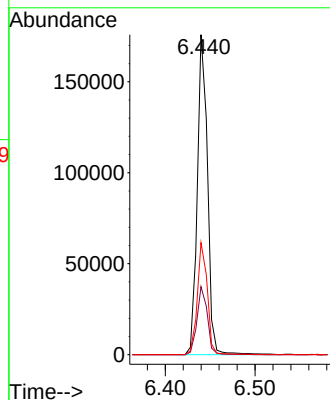
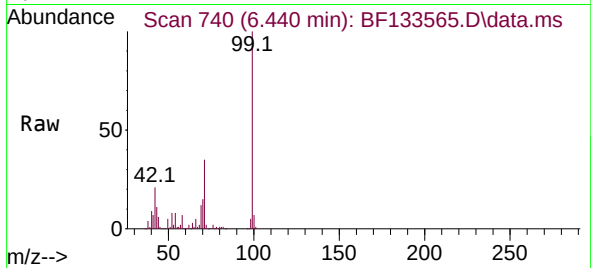




#7
Phenol-d6
Concen: 11.214 ng
RT: 6.440 min Scan# 744
Delta R.T. -0.017 min
Lab File: BF133565.D
Acq: 05 Jun 2023 14:55

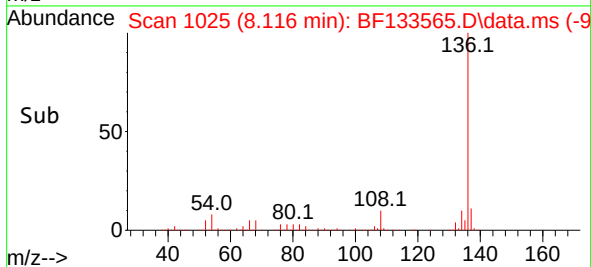
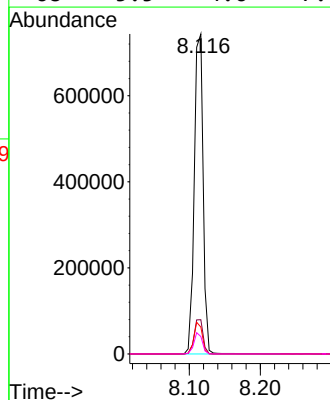
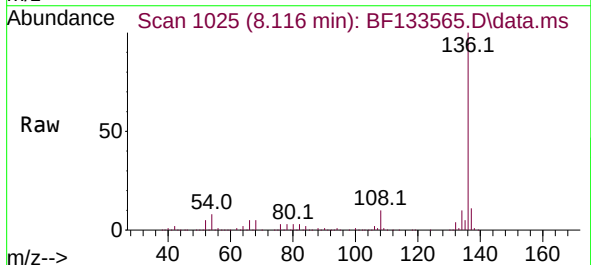
Instrument :
BNA_F
ClientSampleId :
PB153176BL

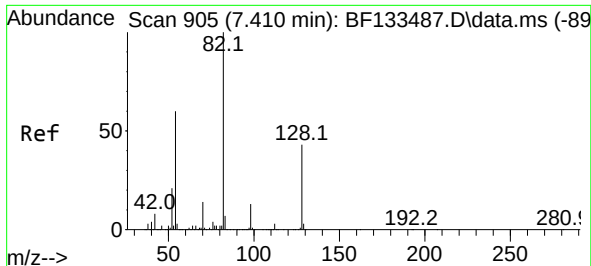
Tgt Ion: 99 Resp: 139025
Ion Ratio Lower Upper
99 100
42 21.3 19.7 29.5
71 35.0 29.8 44.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF133565.D
Acq: 05 Jun 2023 14:55

Tgt Ion: 136 Resp: 646317
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.4
54 8.4 6.6 10.0
68 5.5 4.6 7.0





#23

Nitrobenzene-d5

Concen: 7.876 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.011 min

Lab File: BF133565.D

Acq: 05 Jun 2023 14:55

Instrument :

BNA_F

ClientSampleId :

PB153176BL

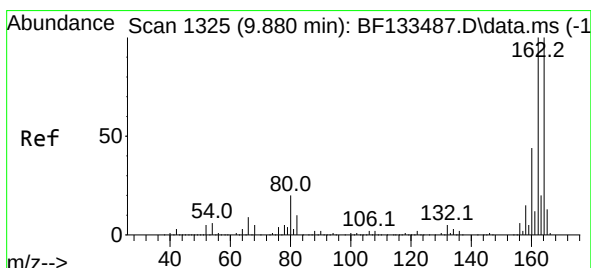
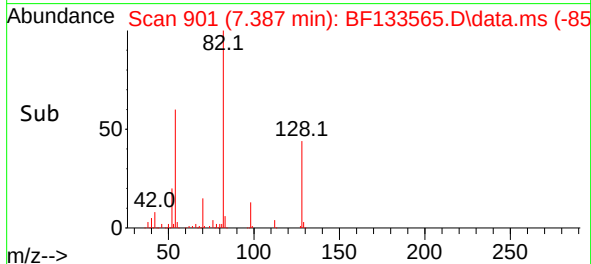
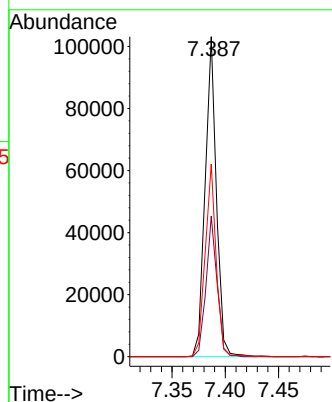
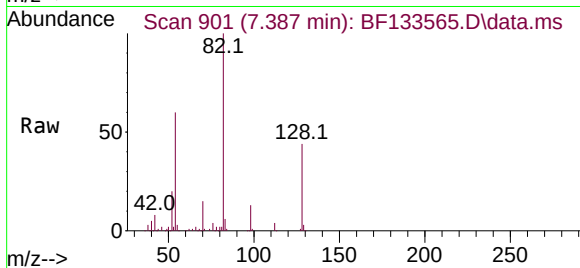
Tgt Ion: 82 Resp: 76240

Ion Ratio Lower Upper

82 100

128 44.0 34.2 51.4

54 60.2 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF133565.D

Acq: 05 Jun 2023 14:55

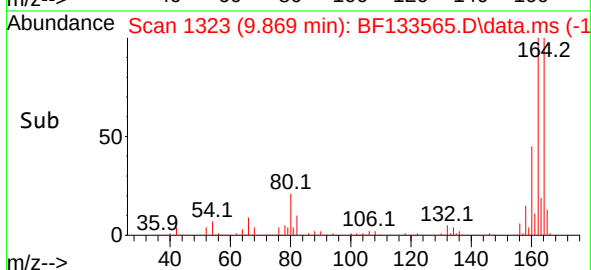
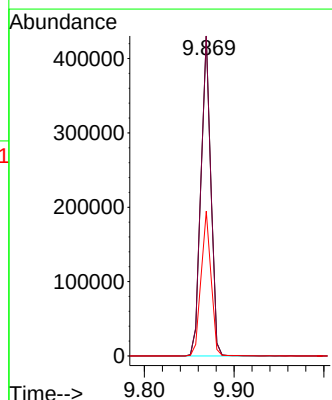
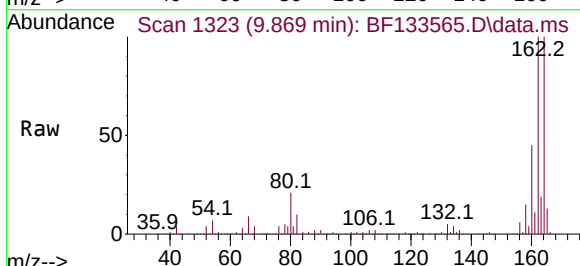
Tgt Ion: 164 Resp: 330256

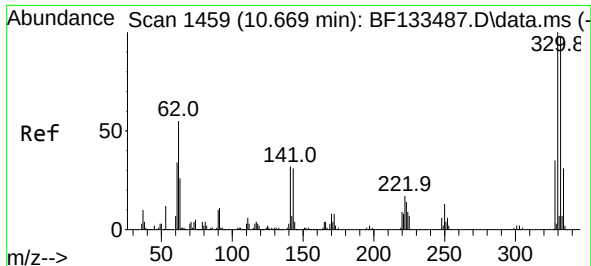
Ion Ratio Lower Upper

164 100

162 100.0 79.7 119.5

160 45.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 10.322 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.011 min

Lab File: BF133565.D

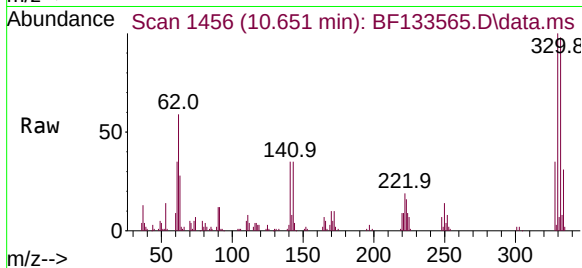
Acq: 05 Jun 2023 14:55

Instrument :

BNA_F

ClientSampleId :

PB153176BL



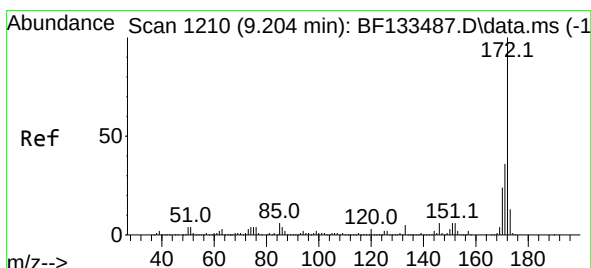
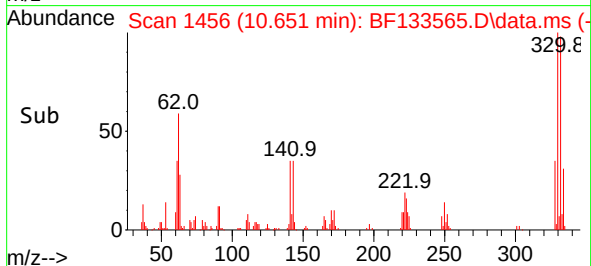
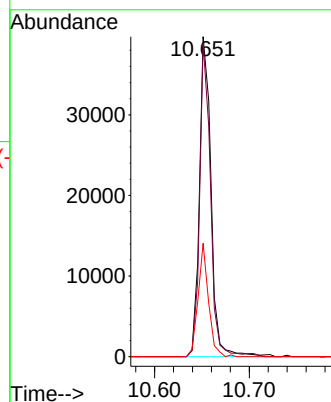
Tgt Ion:330 Resp: 33980

Ion Ratio Lower Upper

330 100

332 91.4 77.8 116.6

141 31.8 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 8.869 ng

RT: 9.187 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF133565.D

Acq: 05 Jun 2023 14:55

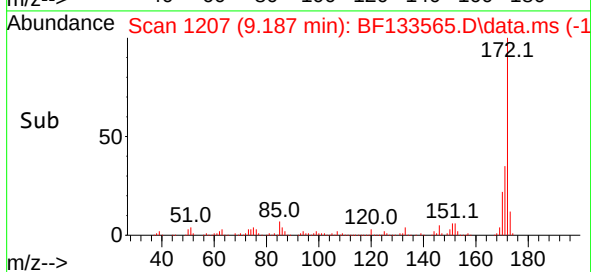
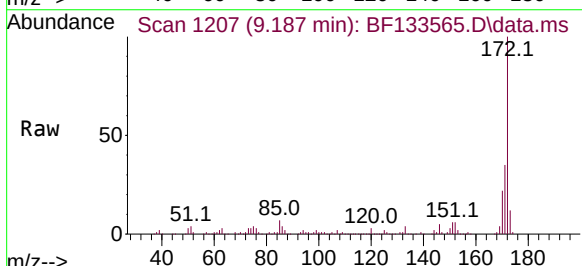
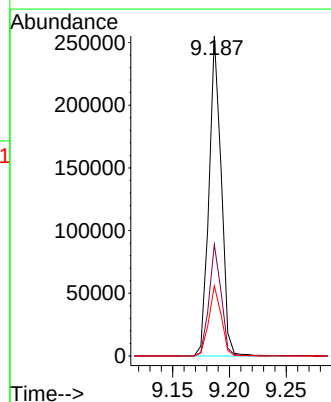
Tgt Ion:172 Resp: 189770

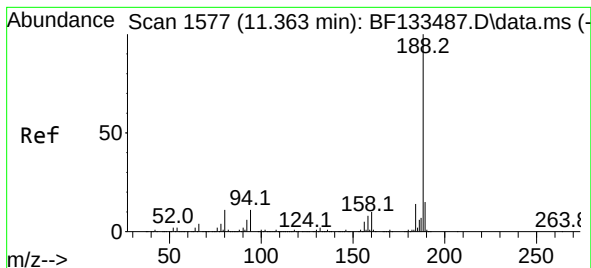
Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 22.0 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133565.D

Acq: 05 Jun 2023 14:55

Instrument :

BNA_F

ClientSampleId :

PB153176BL

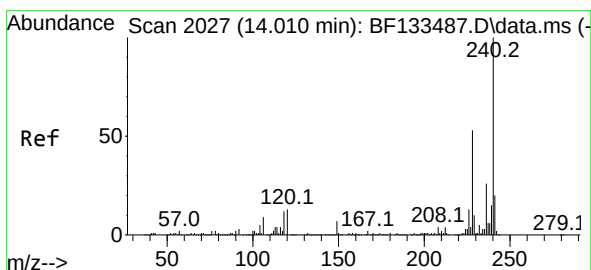
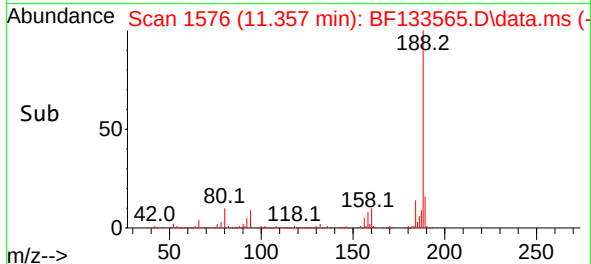
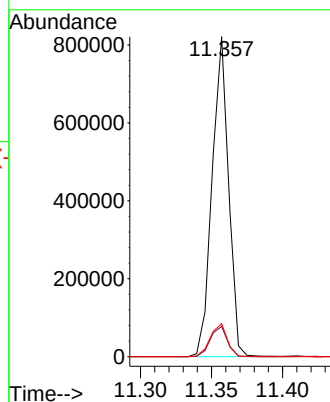
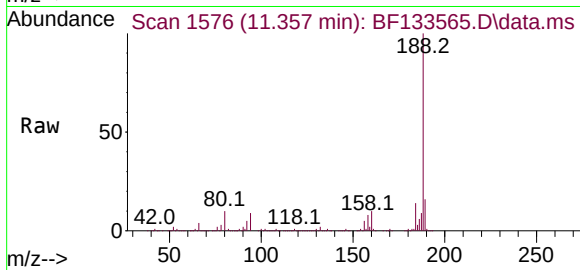
Tgt Ion:188 Resp: 660324

Ion Ratio Lower Upper

188 100

94 9.4 8.6 12.8

80 10.3 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF133565.D

Acq: 05 Jun 2023 14:55

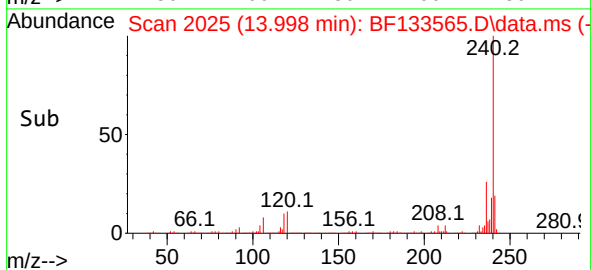
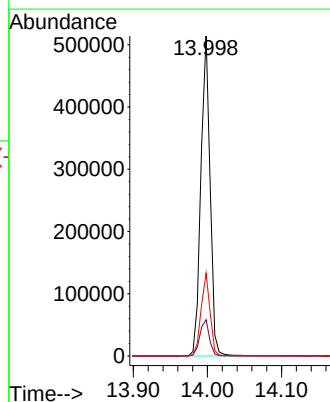
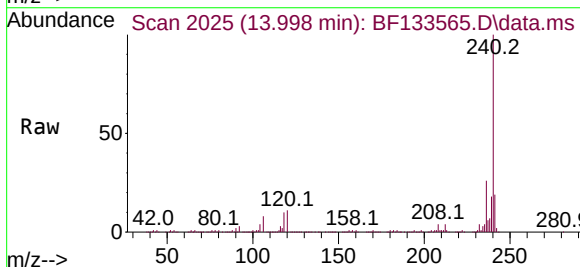
Tgt Ion:240 Resp: 443220

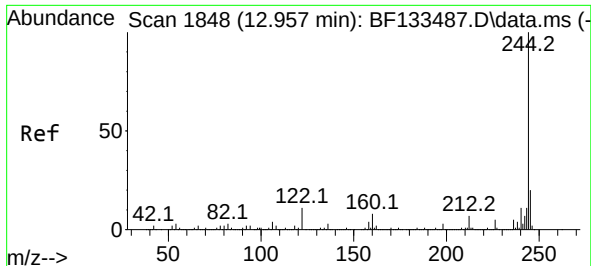
Ion Ratio Lower Upper

240 100

120 11.4 10.3 15.5

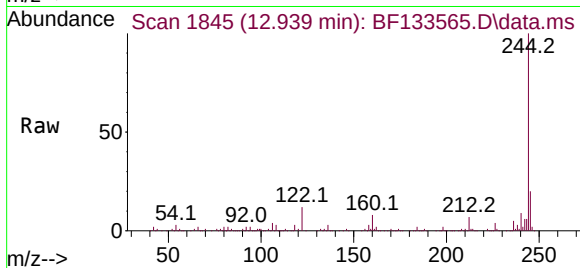
236 25.9 20.5 30.7



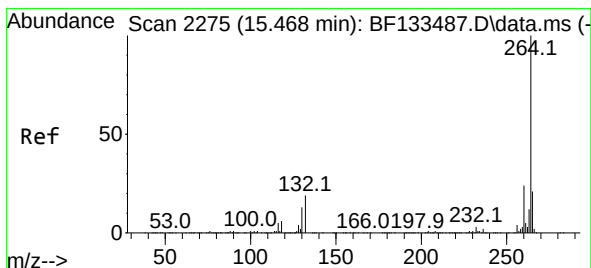
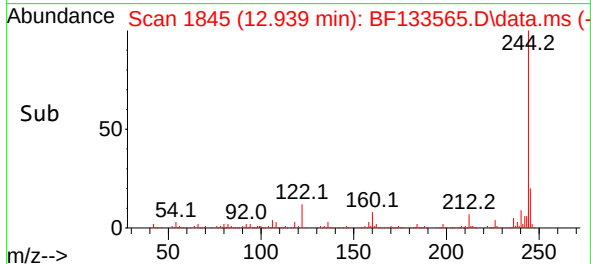
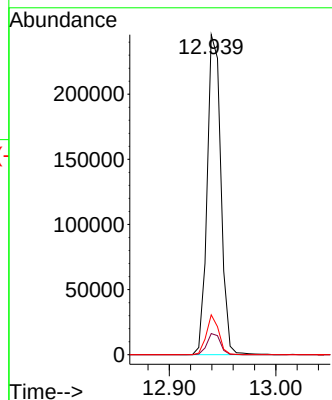


#79
 Terphenyl-d14
 Concen: 8.848 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133565.D
 Acq: 05 Jun 2023 14:55

Instrument :
 BNA_F
 ClientSampleId :
 PB153176BL



Tgt Ion:244 Resp: 220568
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 12.5 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: BF133565.D
 Acq: 05 Jun 2023 14:55

Tgt Ion:264 Resp: 408788
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.4
 265 22.3 16.8 25.2

