

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136203.D
 Acq On : 25 Nov 2023 04:30
 Operator : CG\JU
 Sample : PB157329BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157329BL

Quant Time: Nov 27 02:16:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:44:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	167565	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	762826	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	388905	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	759778	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	400236	20.000	ng	0.00
86) Perylene-d12	15.462	264	387367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1598951	151.936	ng	0.02
7) Phenol-d6	6.445	99	1932296	149.213	ng	0.00
23) Nitrobenzene-d5	7.369	82	1226605	89.730	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	605496	148.655	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2559927	97.301	ng	0.00
79) Terphenyl-d14	12.933	244	2878313	102.082	ng	0.00

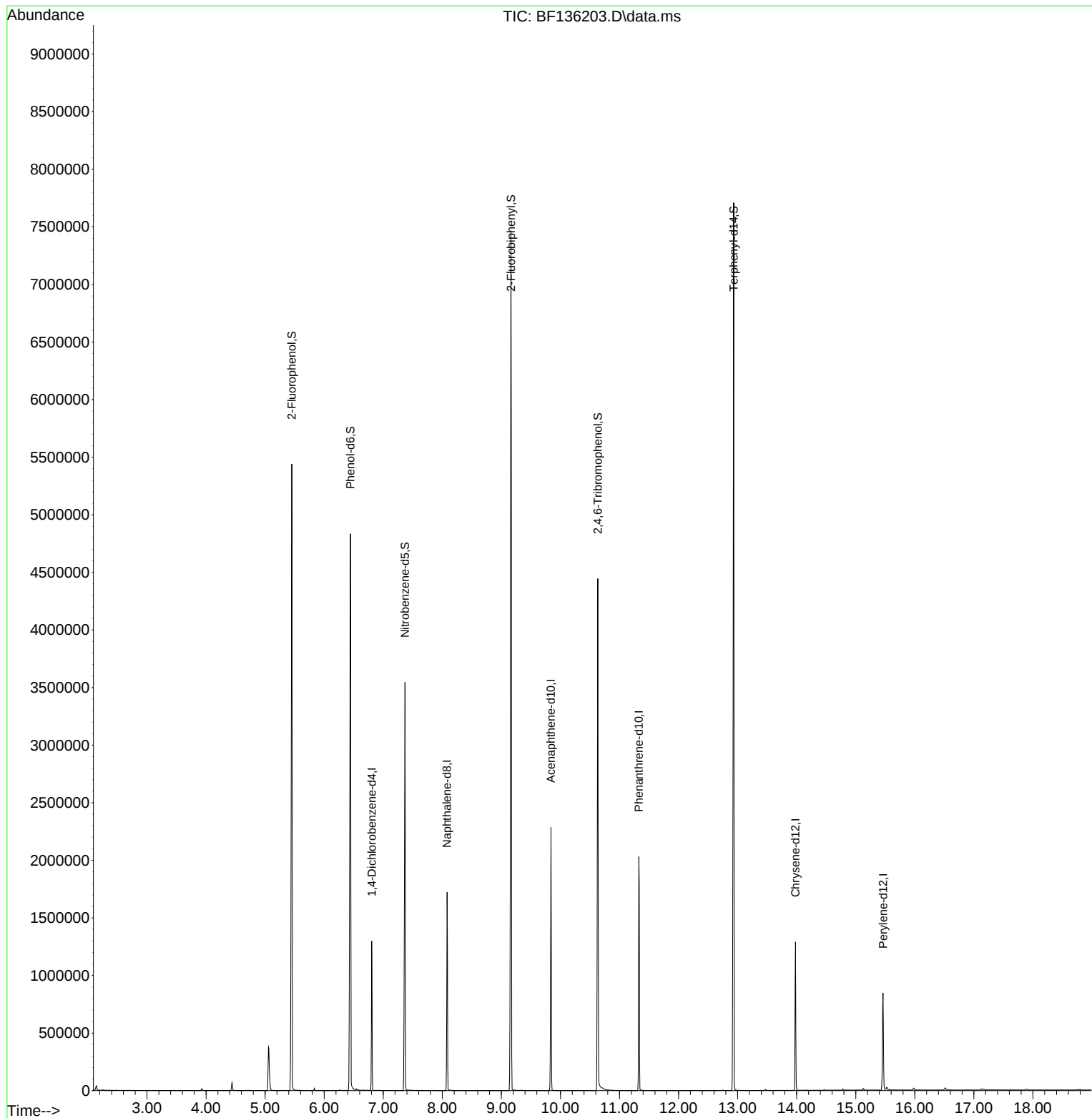
Target Compounds	Qvalue

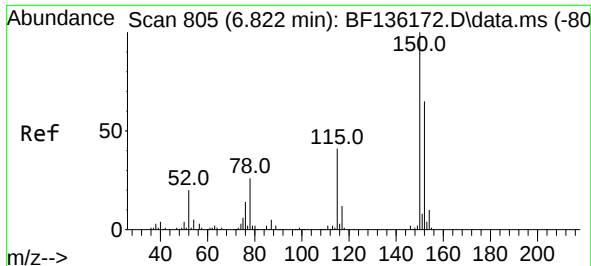
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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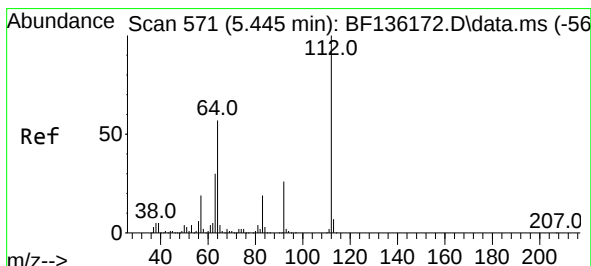
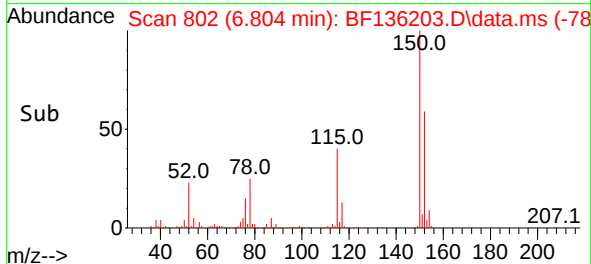
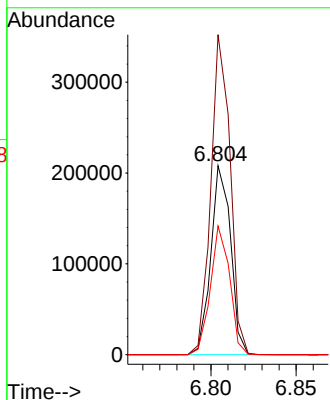
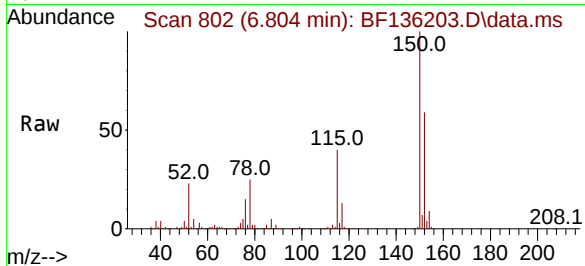




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136203.D
Acq: 25 Nov 2023 04:30

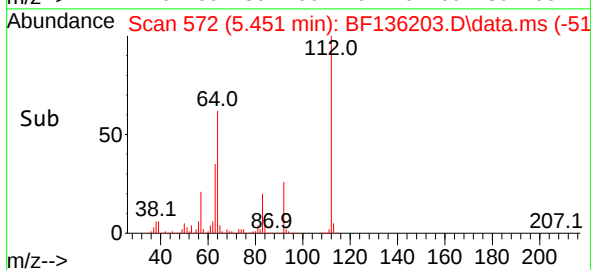
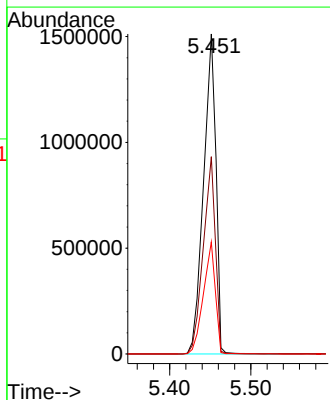
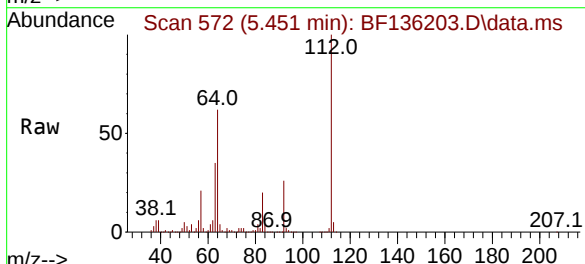
Instrument :
BNA_F
ClientSampleId :
PB157329BL

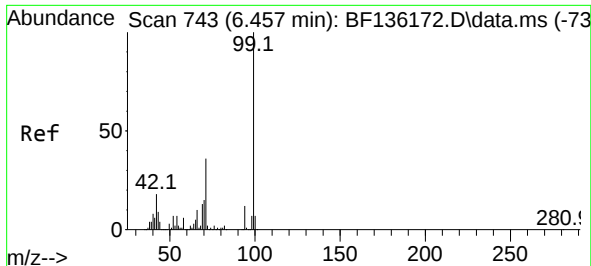
Tgt Ion:152 Resp: 167565
Ion Ratio Lower Upper
152 100
150 169.3 123.1 184.7
115 68.1 50.5 75.7



#5
2-Fluorophenol
Concen: 151.936 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF136203.D
Acq: 25 Nov 2023 04:30

Tgt Ion:112 Resp: 1598951
Ion Ratio Lower Upper
112 100
64 61.6 45.4 68.0
63 35.0 24.4 36.6

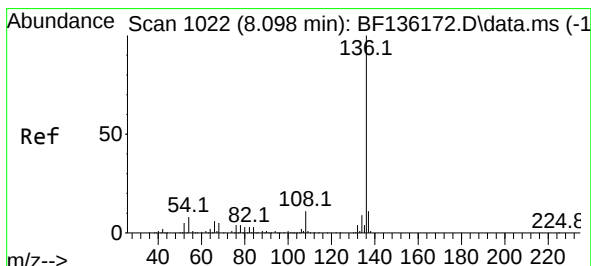
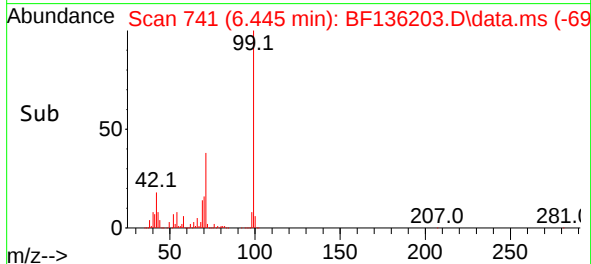
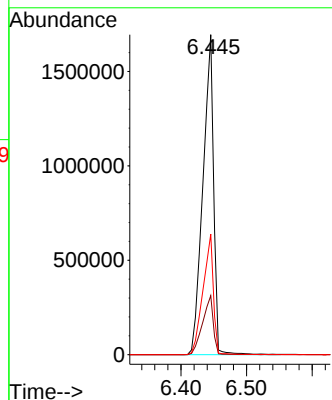
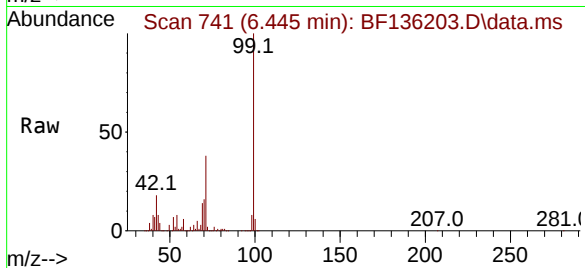




#7
Phenol-d6
Concen: 149.213 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136203.D
Acq: 25 Nov 2023 04:30

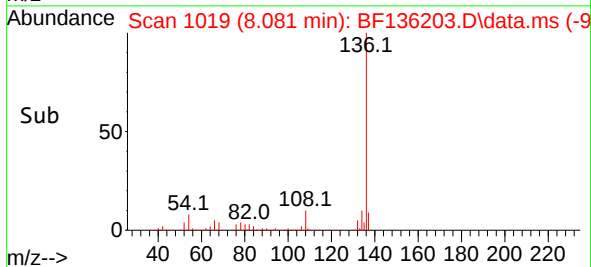
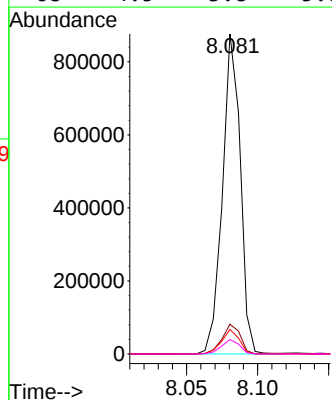
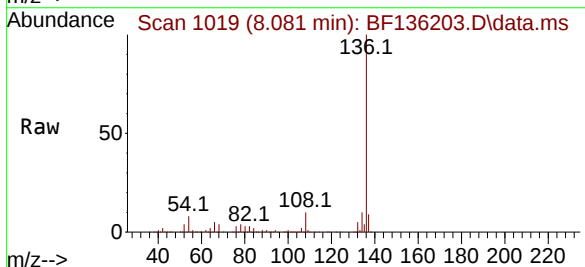
Instrument :
BNA_F
ClientSampleId :
PB157329BL

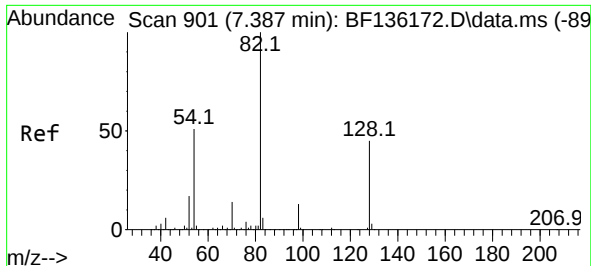
Tgt Ion: 99 Resp: 1932296
Ion Ratio Lower Upper
99 100
42 18.5 14.1 21.1
71 37.7 29.0 43.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136203.D
Acq: 25 Nov 2023 04:30

Tgt Ion:136 Resp: 762826
Ion Ratio Lower Upper
136 100
137 9.3 8.6 13.0
54 7.6 6.3 9.5
68 4.5 3.8 5.8





#23

Nitrobenzene-d5

Concen: 89.730 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136203.D

Acq: 25 Nov 2023 04:30

Instrument :

BNA_F

ClientSampleId :

PB157329BL

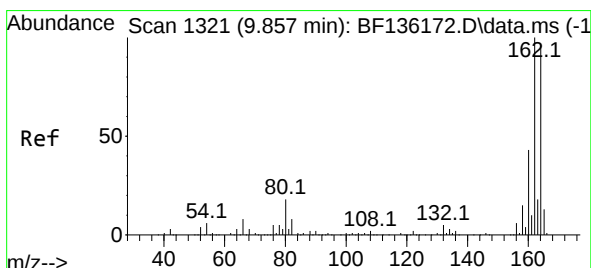
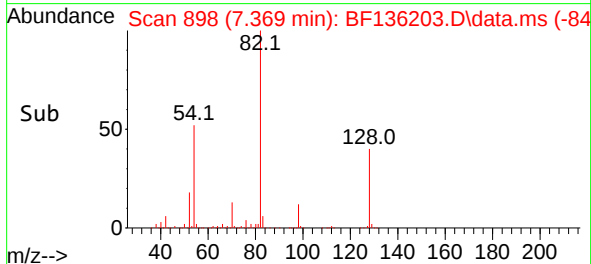
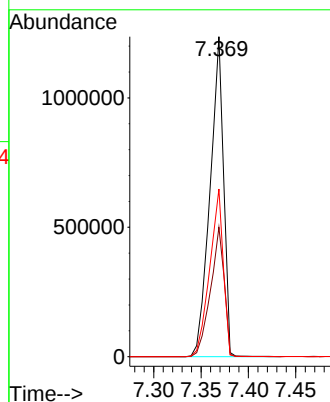
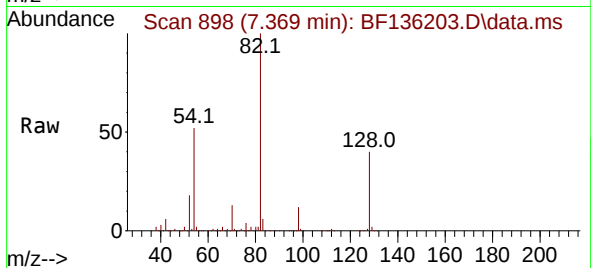
Tgt Ion: 82 Resp: 1226605

Ion Ratio Lower Upper

82 100

128 40.5 35.8 53.6

54 52.4 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136203.D

Acq: 25 Nov 2023 04:30

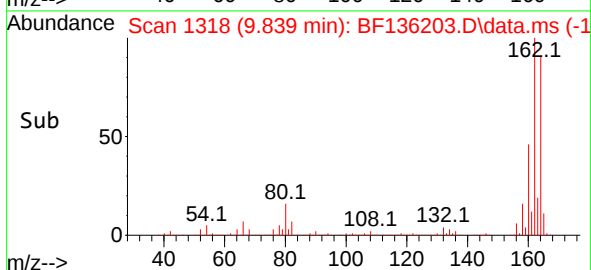
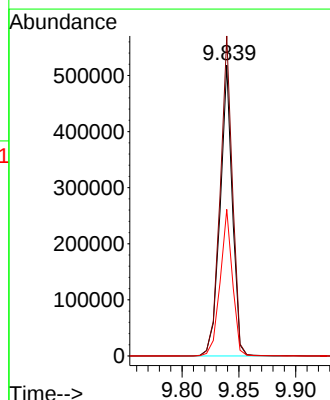
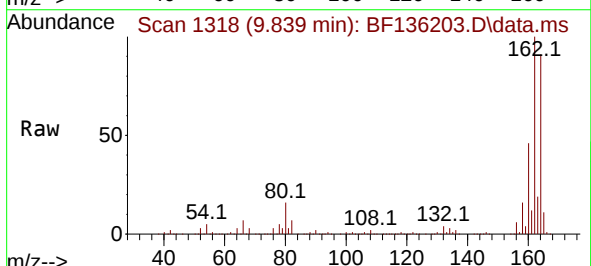
Tgt Ion: 164 Resp: 388905

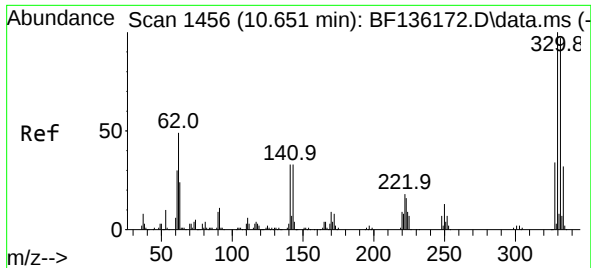
Ion Ratio Lower Upper

164 100

162 110.1 83.2 124.8

160 50.4 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 148.655 ng

RT: 10.633 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF136203.D

Acq: 25 Nov 2023 04:30

Instrument :

BNA_F

ClientSampleId :

PB157329BL

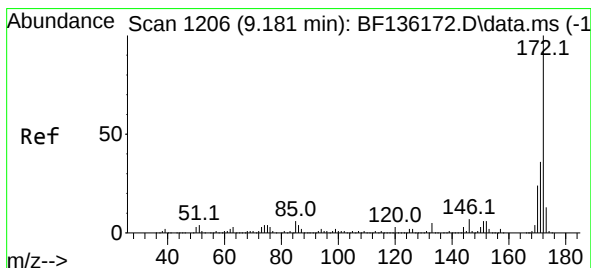
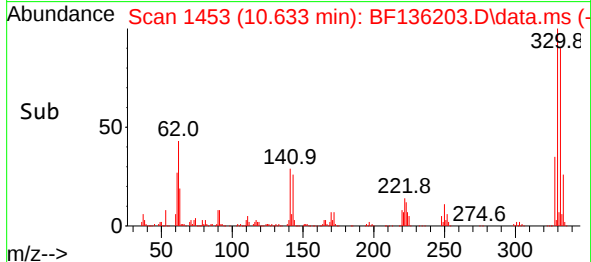
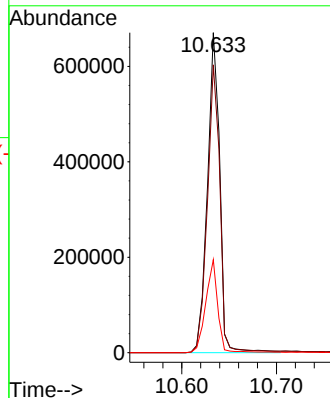
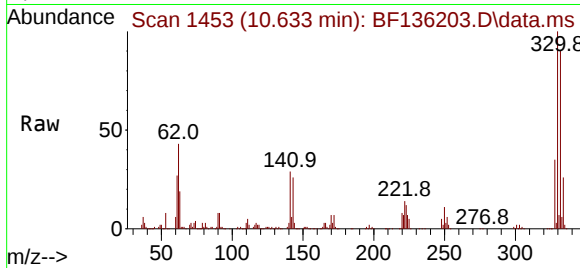
Tgt Ion:330 Resp: 605496

Ion Ratio Lower Upper

330 100

332 93.4 77.6 116.4

141 28.7 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 97.301 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136203.D

Acq: 25 Nov 2023 04:30

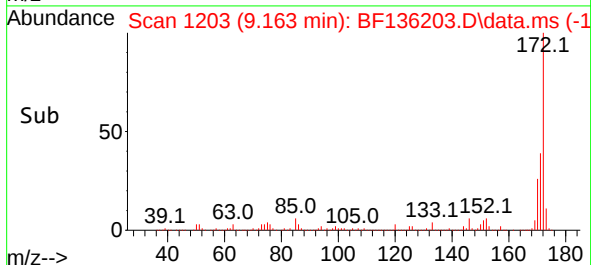
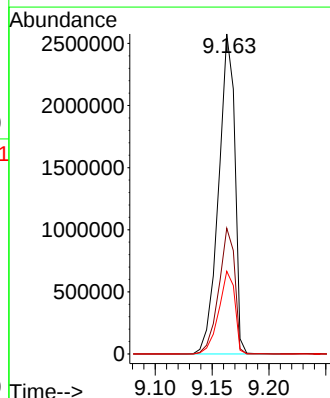
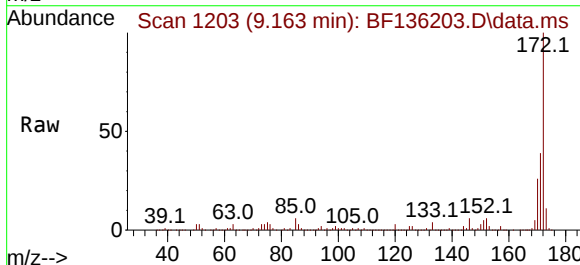
Tgt Ion:172 Resp: 2559927

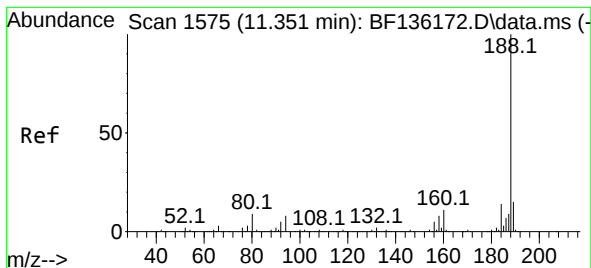
Ion Ratio Lower Upper

172 100

171 39.3 28.9 43.3

170 25.9 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136203.D

Acq: 25 Nov 2023 04:30

Instrument :

BNA_F

ClientSampleId :

PB157329BL

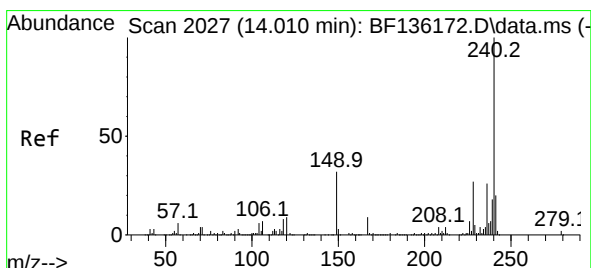
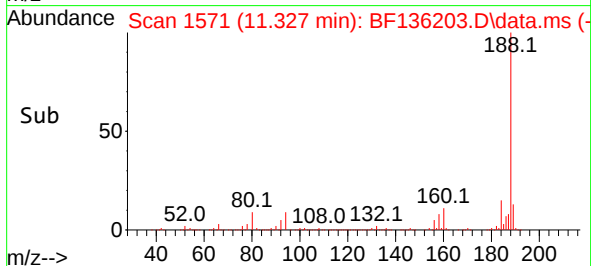
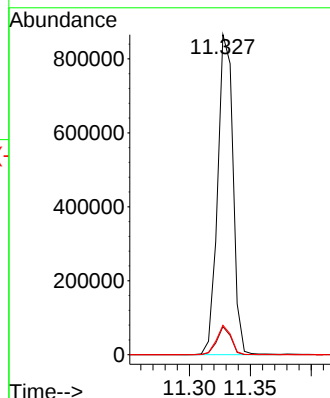
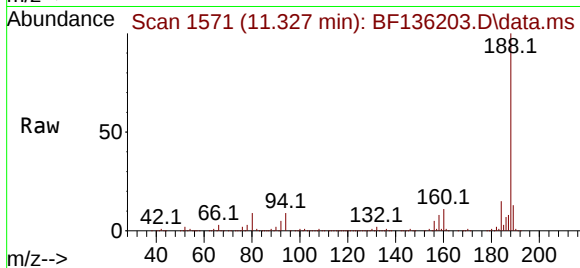
Tgt Ion:188 Resp: 759778

Ion Ratio Lower Upper

188 100

94 8.8 6.6 9.8

80 9.2 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF136203.D

Acq: 25 Nov 2023 04:30

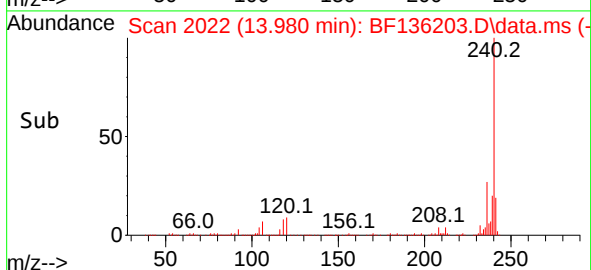
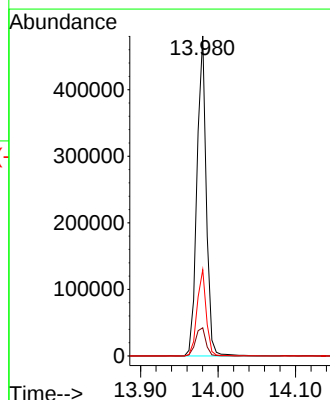
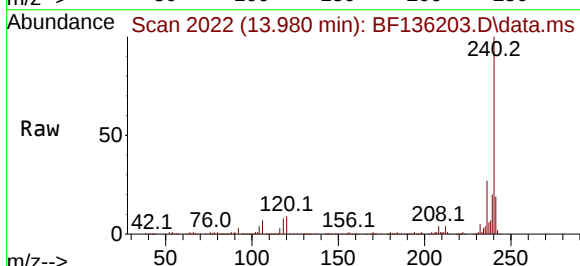
Tgt Ion:240 Resp: 400236

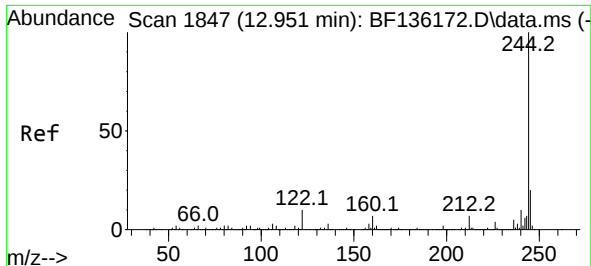
Ion Ratio Lower Upper

240 100

120 8.8 7.1 10.7

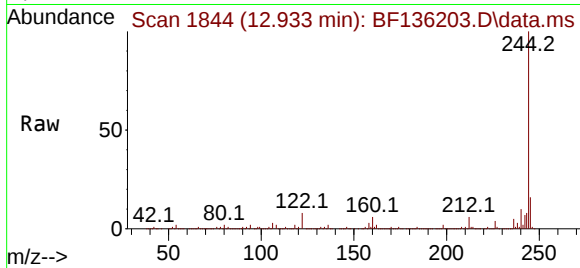
236 26.9 20.9 31.3



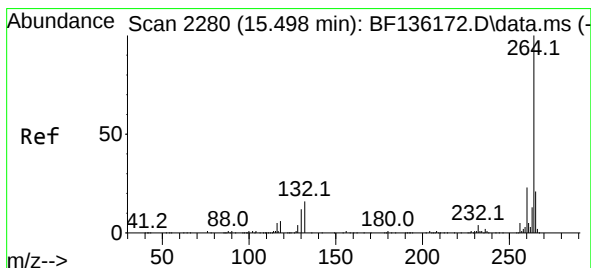
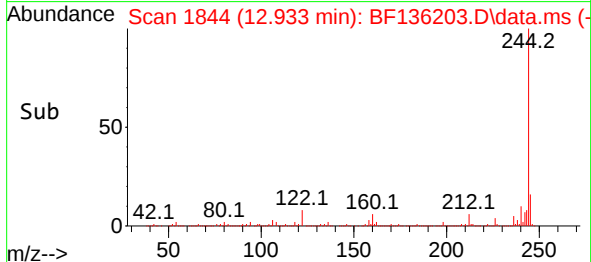
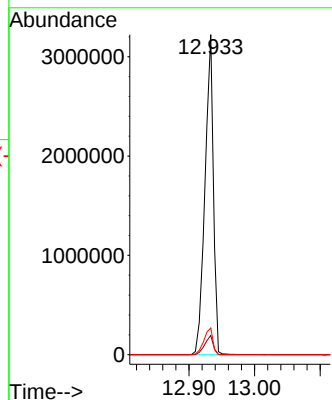


#79
 Terphenyl-d14
 Concen: 102.082 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: BF136203.D
 Acq: 25 Nov 2023 04:30

Instrument :
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 PB157329BL



Tgt Ion:244 Resp: 2878313
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.4 8.0
 122 8.4 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF136203.D
 Acq: 25 Nov 2023 04:30

Tgt Ion:264 Resp: 387367
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 20.5 16.9 25.3

