

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136110.D
 Acq On : 02 Nov 2023 22:37
 Operator : CG\JU
 Sample : 05050-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3

Quant Time: Nov 02 23:08:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	100876	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	398512	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	199105	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	321606	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	199428	20.000	ng	-0.01
86) Perylene-d12	15.492	264	171781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	877574	136.705	ng	0.00
7) Phenol-d6	6.457	99	1077334	134.696	ng	0.00
23) Nitrobenzene-d5	7.381	82	688359	104.127	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	279732	131.626	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1238145	99.130	ng	0.00
79) Terphenyl-d14	12.951	244	1079561	84.124	ng	0.00

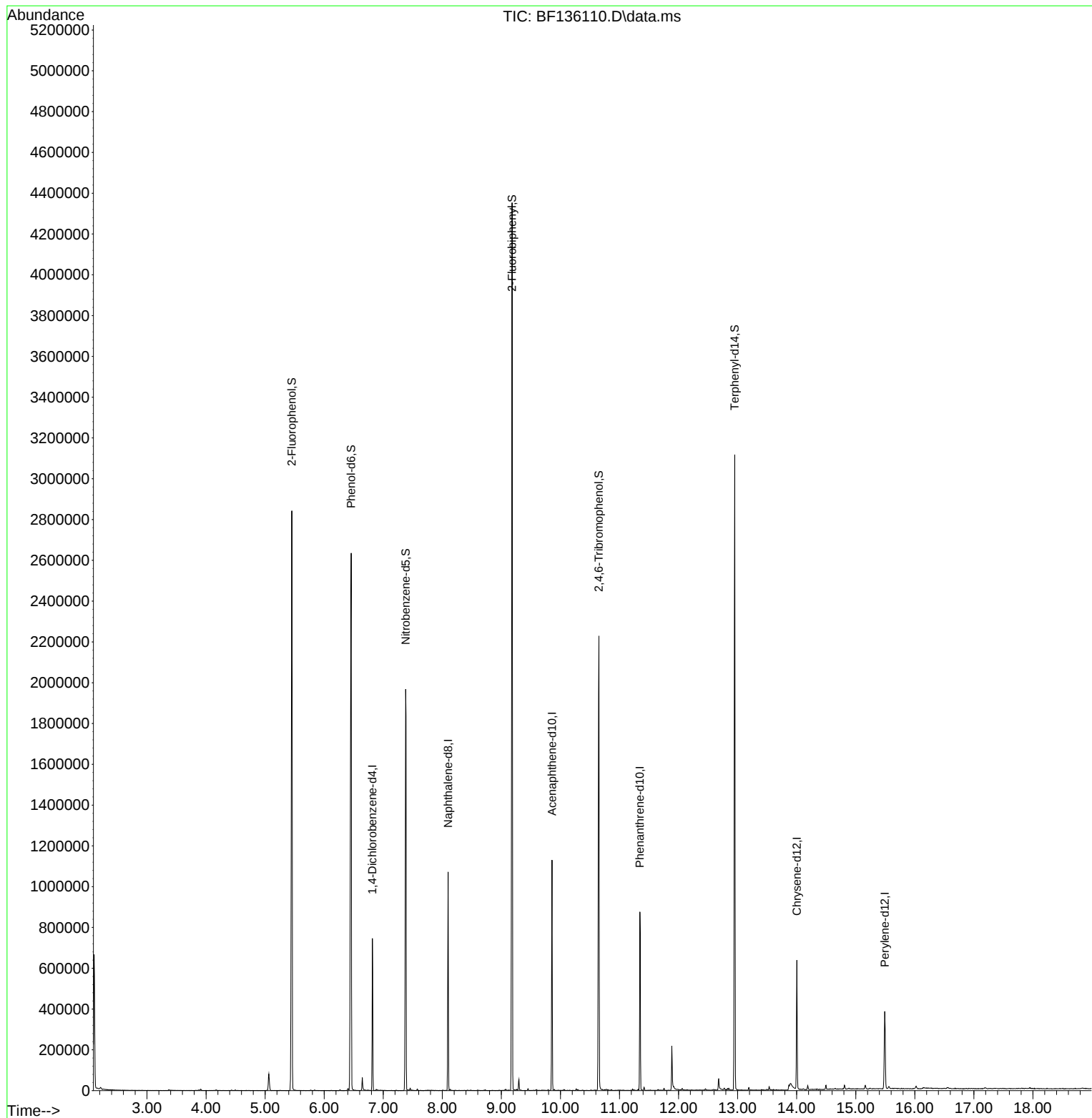
Target Compounds	Qvalue

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

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Quant Time: Nov 02 23:08:10 2023
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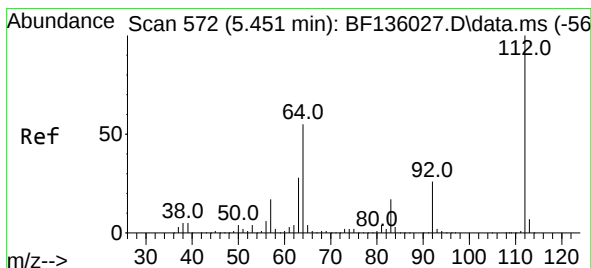
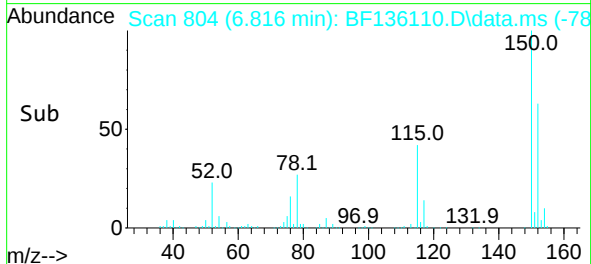
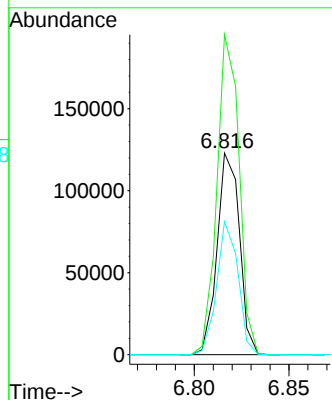
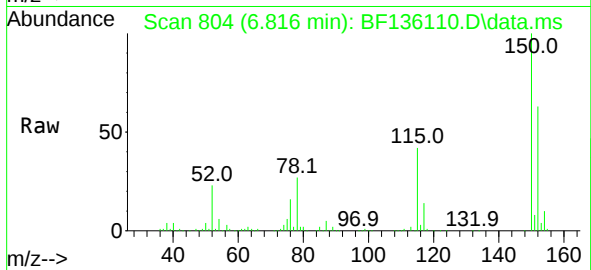




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136110.D
Acq: 02 Nov 2023 22:37

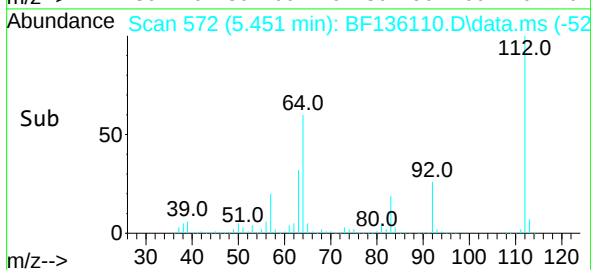
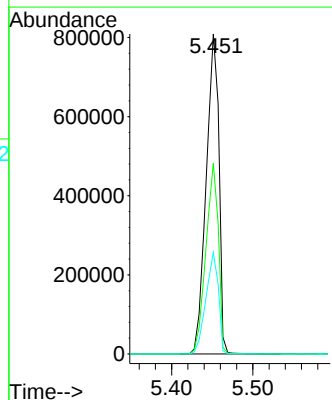
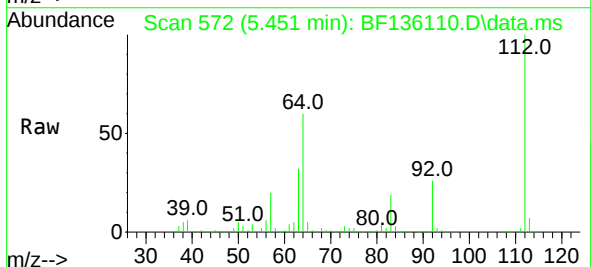
Instrument :
BNA_F
ClientSampleId :
B3

Tgt Ion:152 Resp: 100876
Ion Ratio Lower Upper
152 100
150 158.7 126.4 189.6
115 66.1 47.0 70.4



#5
2-Fluorophenol
Concen: 136.705 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF136110.D
Acq: 02 Nov 2023 22:37

Tgt Ion:112 Resp: 877574
Ion Ratio Lower Upper
112 100
64 59.7 43.9 65.9
63 31.7 22.4 33.6



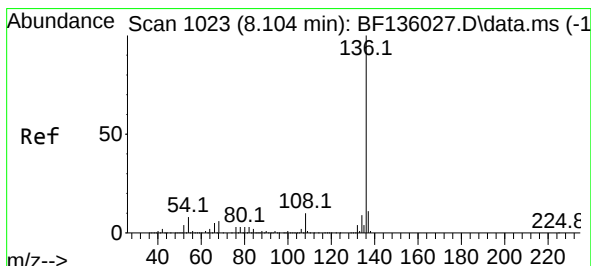
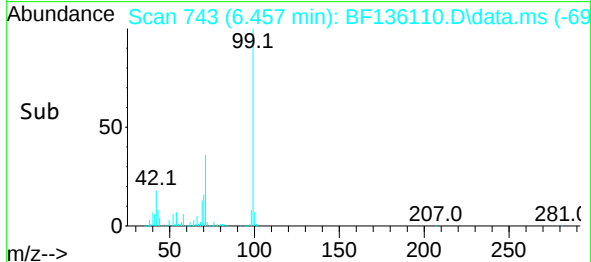
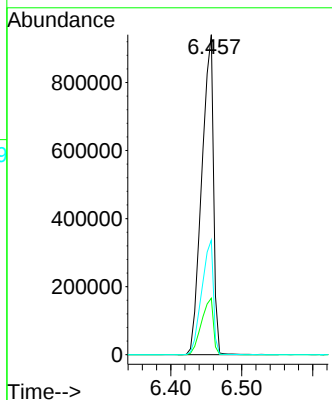
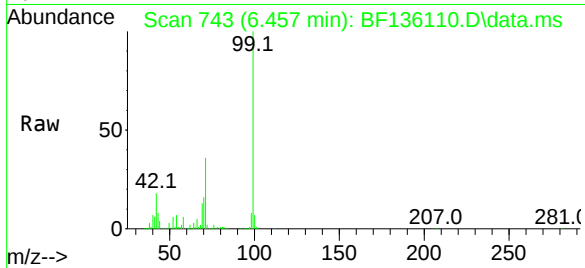


#7
Phenol-d6
Concen: 134.696 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136110.D
Acq: 02 Nov 2023 22:37

Instrument :
BNA_F
ClientSampleId :
B3

Tgt Ion: 99 Resp: 1077334

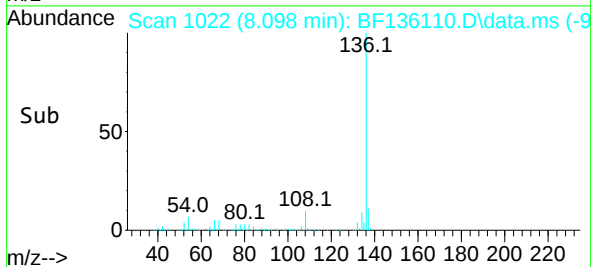
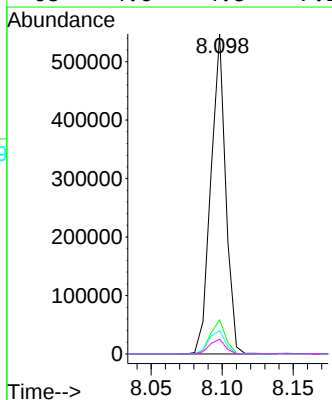
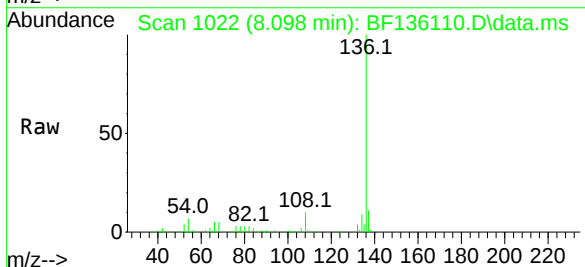
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.7	20.5
71	35.8	25.9	38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136110.D
Acq: 02 Nov 2023 22:37

Tgt Ion: 136 Resp: 398512

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.3	6.6	9.8
68	4.6	4.8	7.2





#23

Nitrobenzene-d5

Concen: 104.127 ng

RT: 7.381 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF136110.D

Acq: 02 Nov 2023 22:37

Instrument :

BNA_F

ClientSampleId :

B3

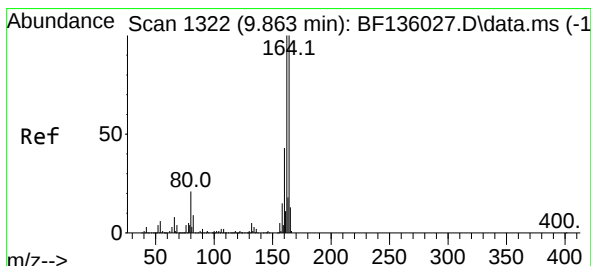
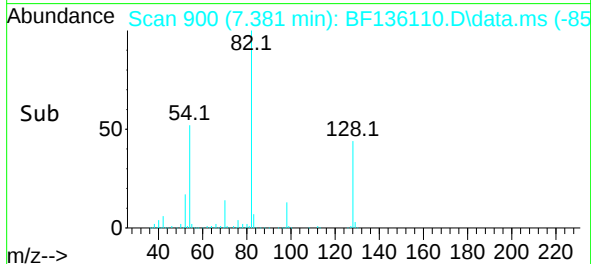
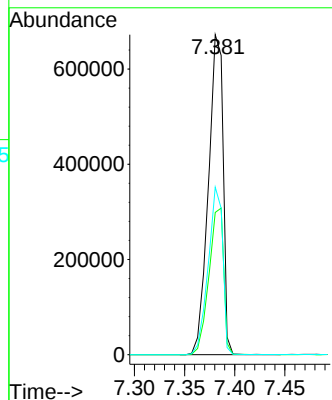
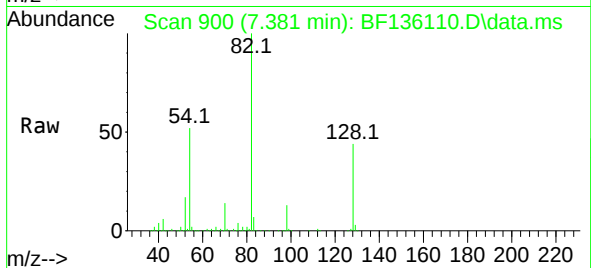
Tgt Ion: 82 Resp: 688359

Ion Ratio Lower Upper

82 100

128 44.4 38.6 57.8

54 52.4 40.8 61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF136110.D

Acq: 02 Nov 2023 22:37

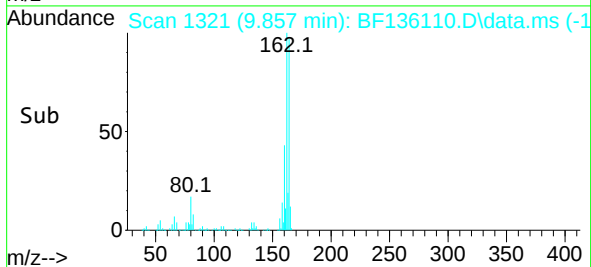
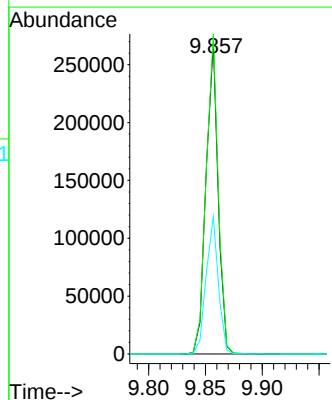
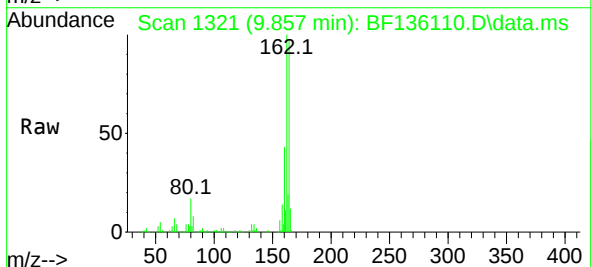
Tgt Ion:164 Resp: 199105

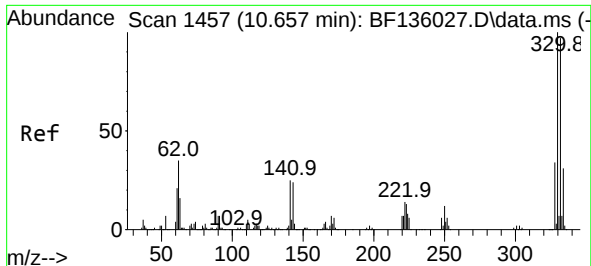
Ion Ratio Lower Upper

164 100

162 102.8 80.1 120.1

160 44.1 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 131.626 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF136110.D

Acq: 02 Nov 2023 22:37

Instrument :

BNA_F

ClientSampleId :

B3

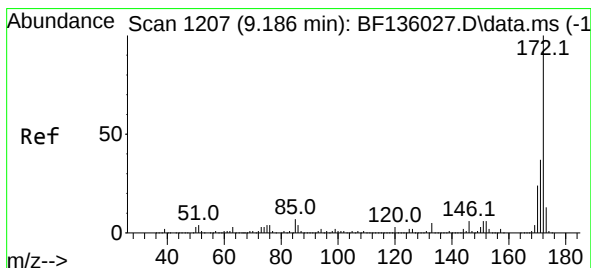
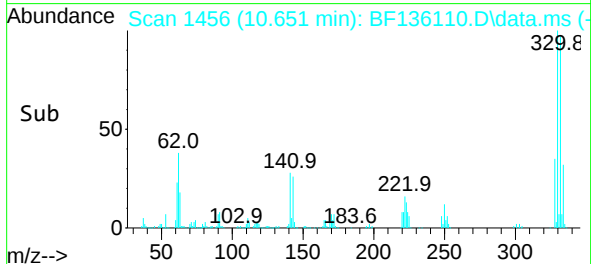
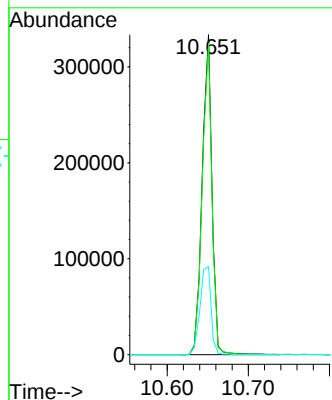
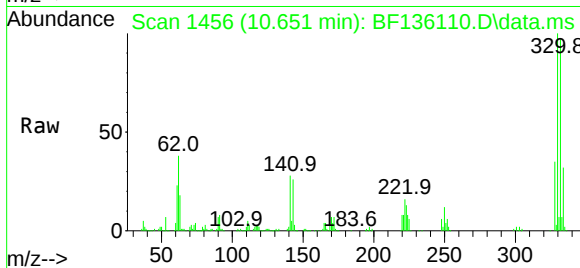
Tgt Ion:330 Resp: 279732

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

141 31.1 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 99.130 ng

RT: 9.180 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF136110.D

Acq: 02 Nov 2023 22:37

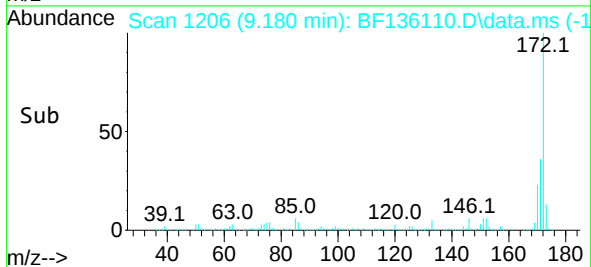
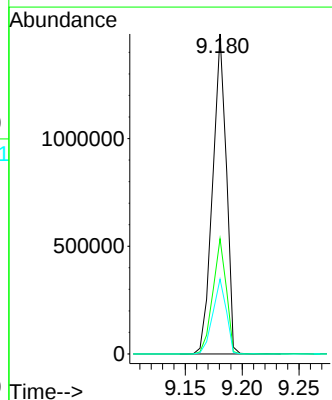
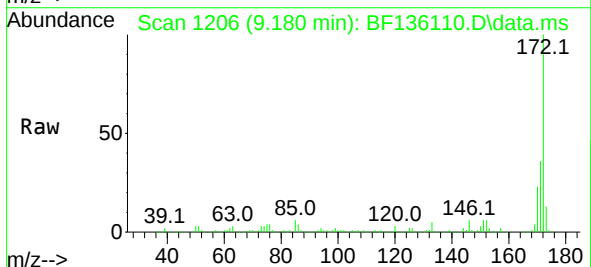
Tgt Ion:172 Resp: 1238145

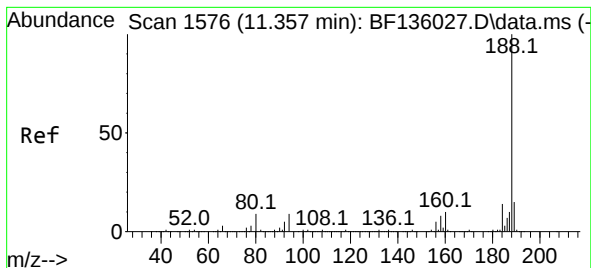
Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

170 23.4 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136110.D

Acq: 02 Nov 2023 22:37

Instrument :

BNA_F

ClientSampleId :

B3

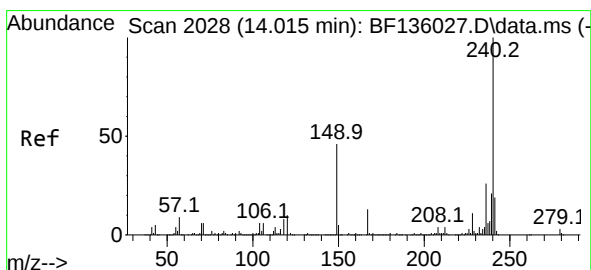
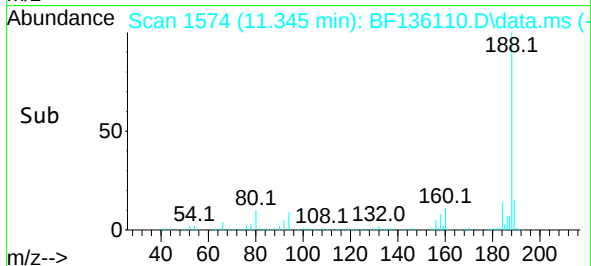
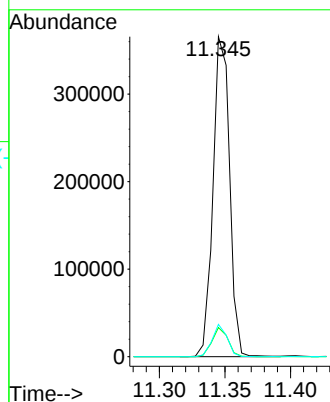
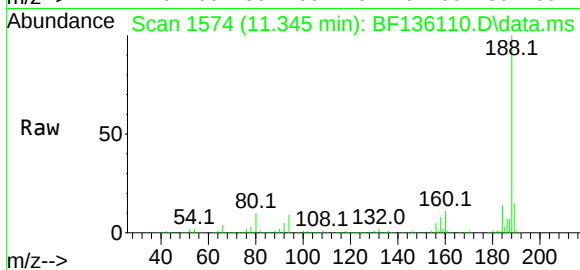
Tgt Ion:188 Resp: 321606

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

80 10.1 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF136110.D

Acq: 02 Nov 2023 22:37

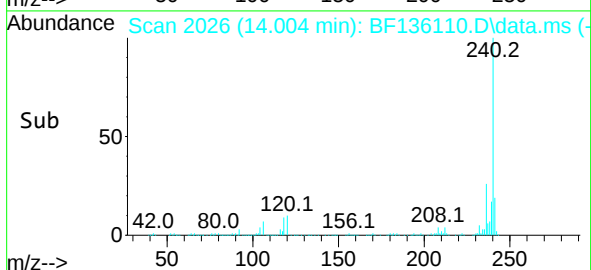
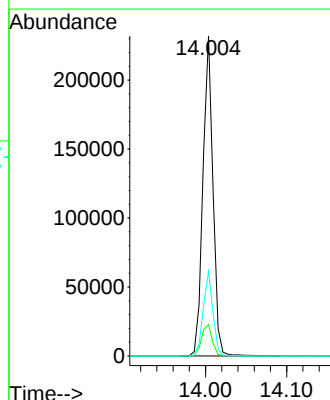
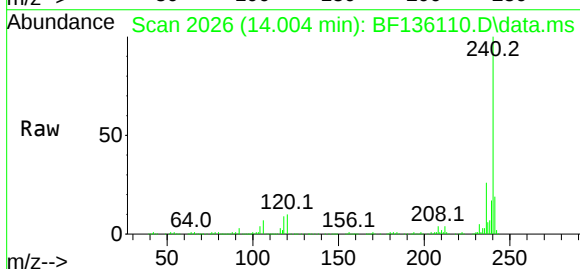
Tgt Ion:240 Resp: 199428

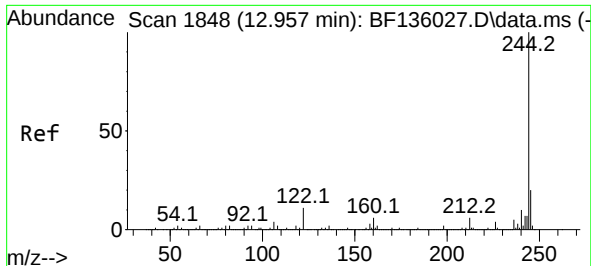
Ion Ratio Lower Upper

240 100

120 9.8 7.6 11.4

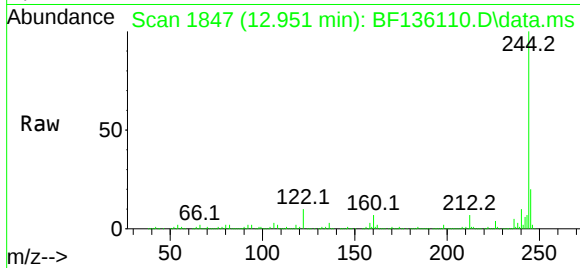
236 26.4 20.6 31.0



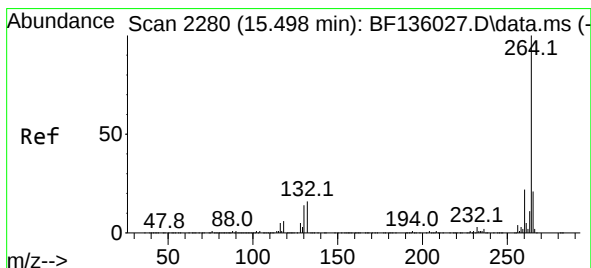
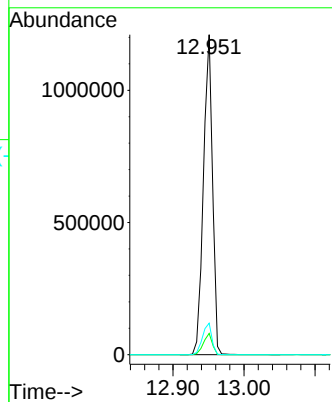
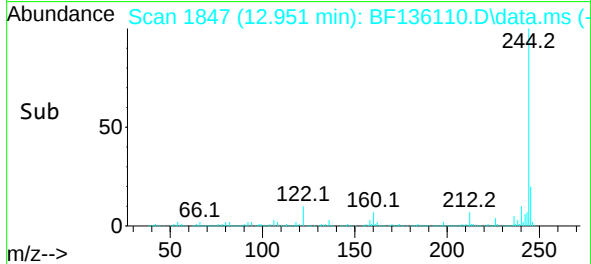


#79
 Terphenyl-d14
 Concen: 84.124 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136110.D
 Acq: 02 Nov 2023 22:37

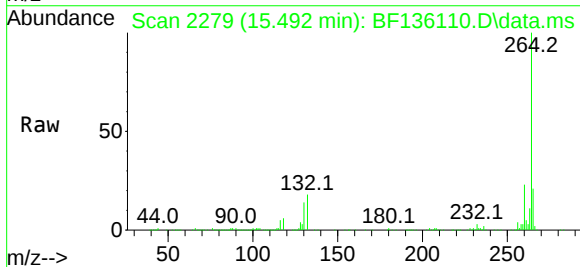
Instrument :
 BNA_F
 ClientSampleId :
 B3



Tgt Ion:244 Resp: 1079561
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 9.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF136110.D
 Acq: 02 Nov 2023 22:37



Tgt Ion:264 Resp: 171781
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.9 26.9
 265 20.6 16.8 25.2

