

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136109.D
 Acq On : 02 Nov 2023 22:07
 Operator : CG\JU
 Sample : 05050-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2

Quant Time: Nov 02 23:07:50 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	98683	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	397396	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	198405	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	315176	20.000	ng	0.00
76) Chrysene-d12	14.004	240	192220	20.000	ng	-0.01
86) Perylene-d12	15.492	264	168769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	630209	100.353	ng	0.00
7) Phenol-d6	6.451	99	773826	98.899	ng	0.00
23) Nitrobenzene-d5	7.381	82	481167	72.990	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	197106	93.074	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	909024	73.036	ng	0.00
79) Terphenyl-d14	12.951	244	756406	61.153	ng	0.00

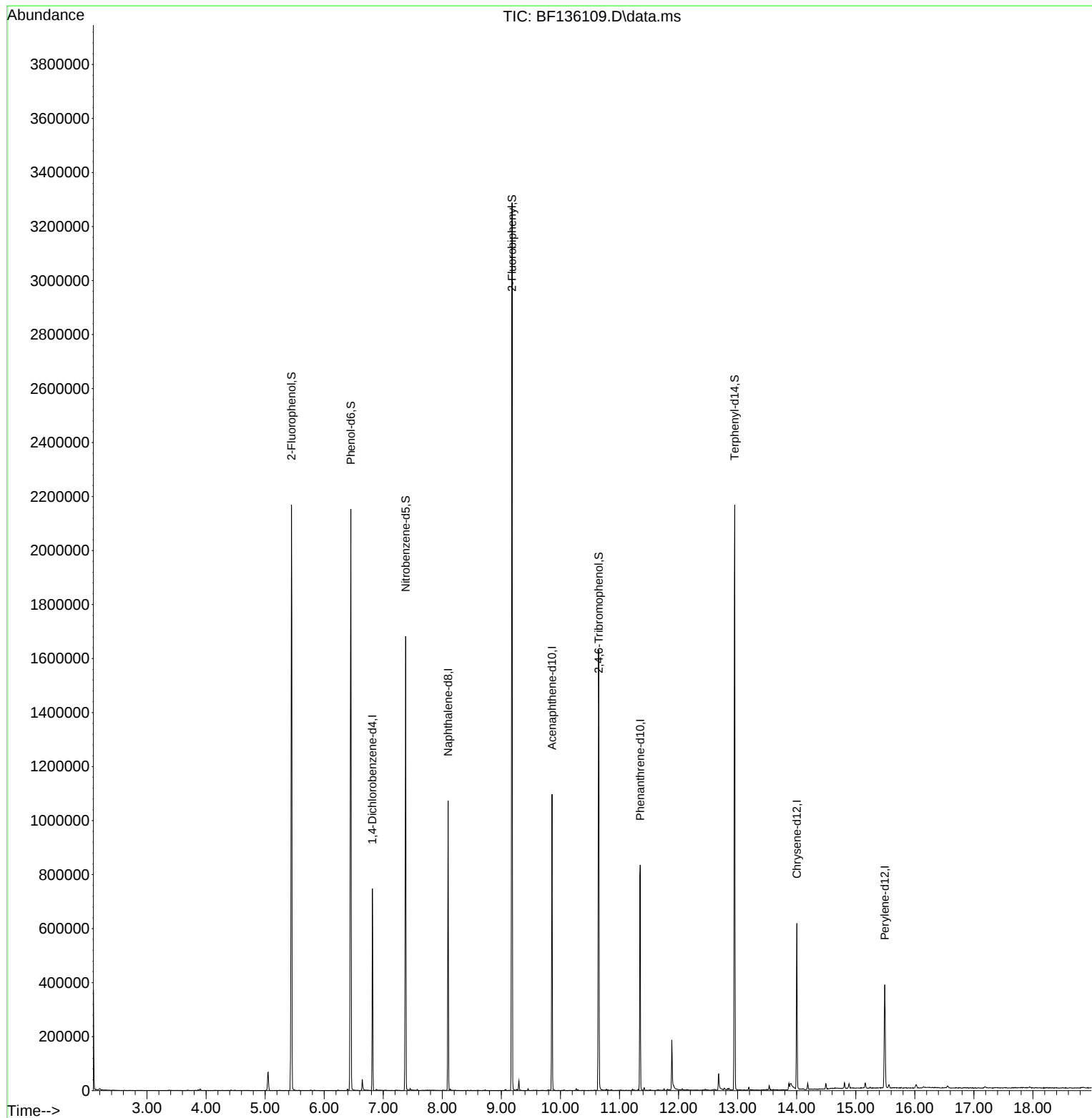
Target Compounds	Qvalue

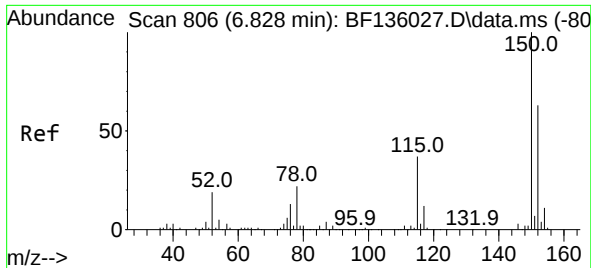
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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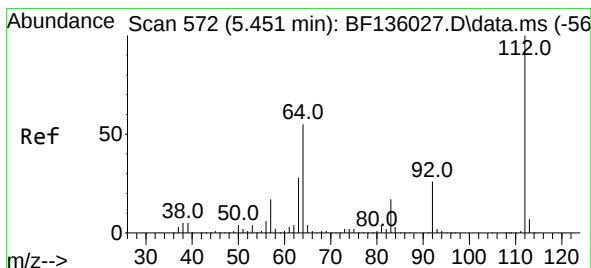
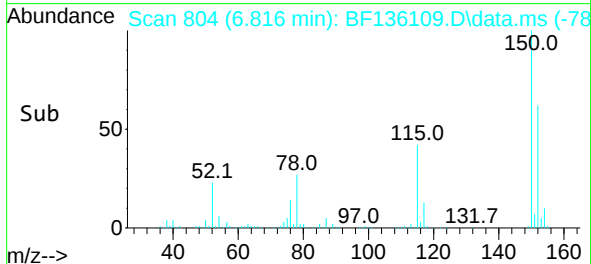
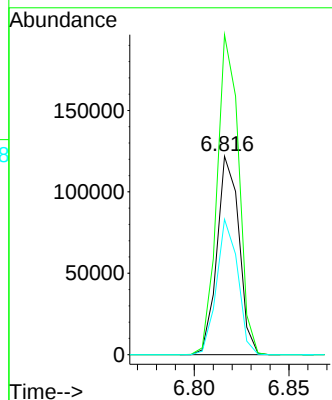
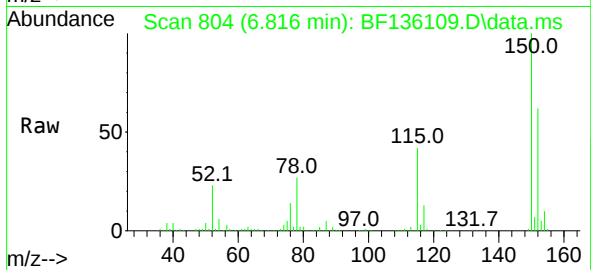




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136109.D
Acq: 02 Nov 2023 22:07

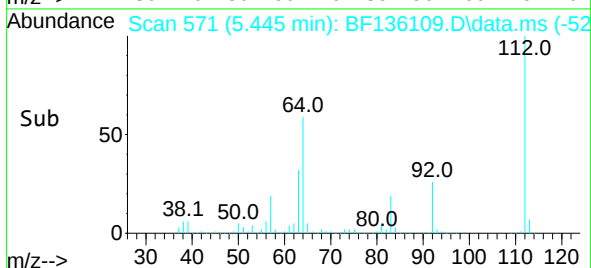
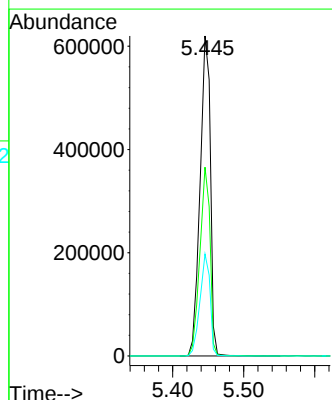
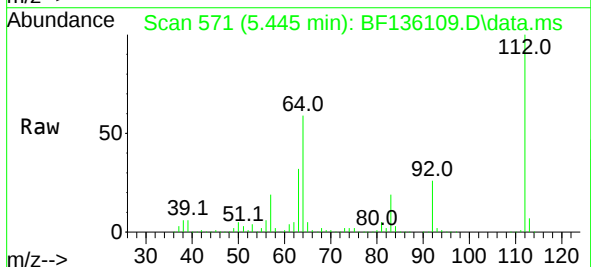
Instrument :
BNA_F
ClientSampleId :
B2

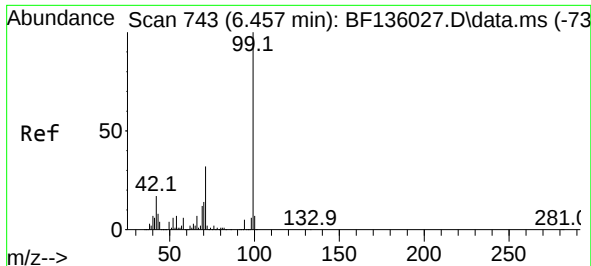
Tgt Ion:152 Resp: 98683
Ion Ratio Lower Upper
152 100
150 161.3 126.4 189.6
115 68.3 47.0 70.4



#5
2-Fluorophenol
Concen: 100.353 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF136109.D
Acq: 02 Nov 2023 22:07

Tgt Ion:112 Resp: 630209
Ion Ratio Lower Upper
112 100
64 59.0 43.9 65.9
63 31.8 22.4 33.6

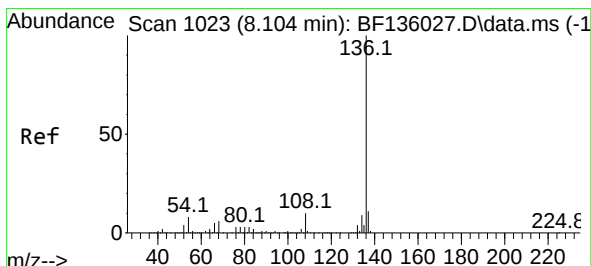
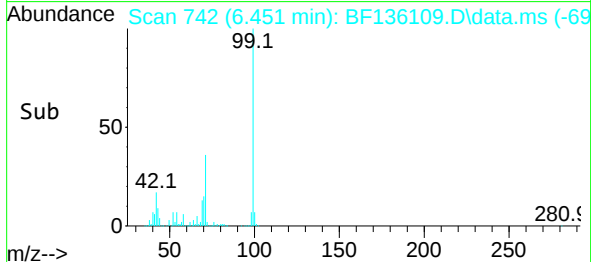
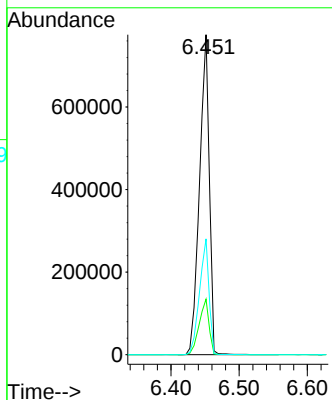
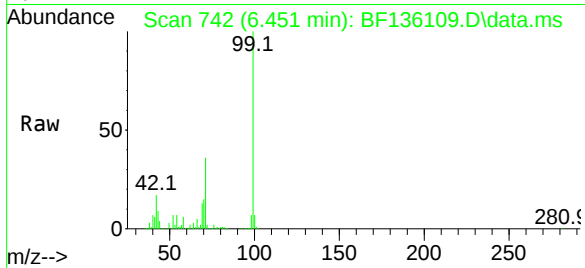




#7
Phenol-d6
Concen: 98.899 ng
RT: 6.451 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136109.D
Acq: 02 Nov 2023 22:07

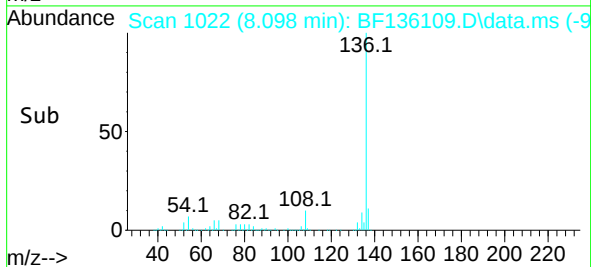
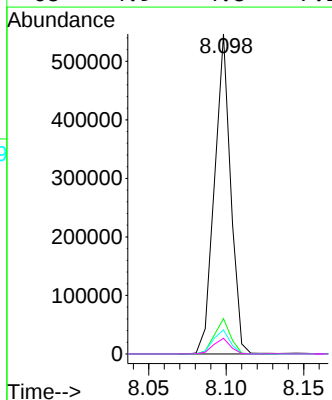
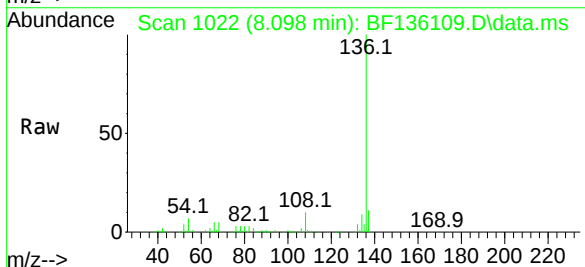
Instrument :
BNA_F
ClientSampleId :
B2

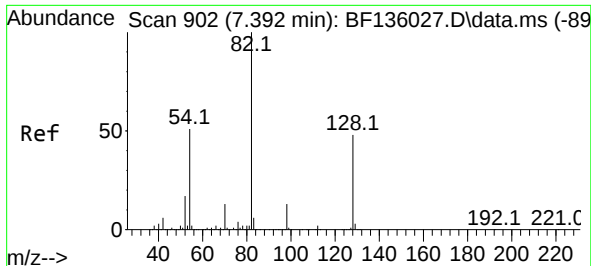
Tgt Ion: 99 Resp: 773826
Ion Ratio Lower Upper
99 100
42 17.4 13.7 20.5
71 36.2 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136109.D
Acq: 02 Nov 2023 22:07

Tgt Ion: 136 Resp: 397396
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.5 6.6 9.8
68 4.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 72.990 ng

RT: 7.381 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF136109.D

Acq: 02 Nov 2023 22:07

Instrument :

BNA_F

ClientSampleId :

B2

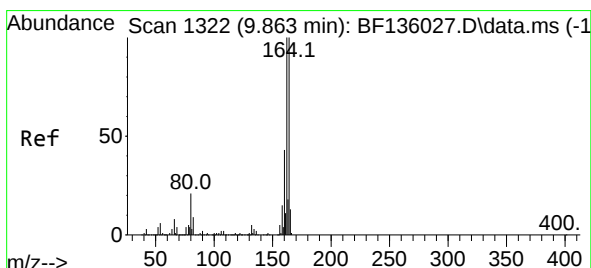
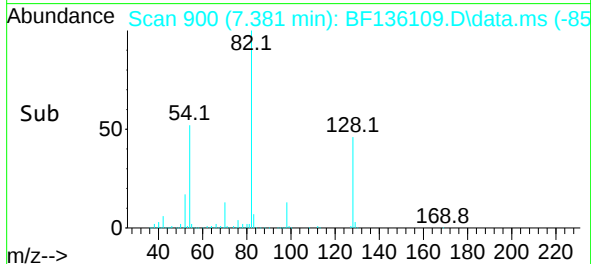
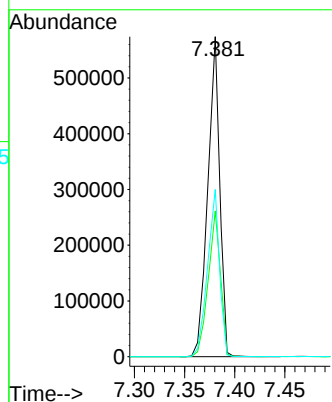
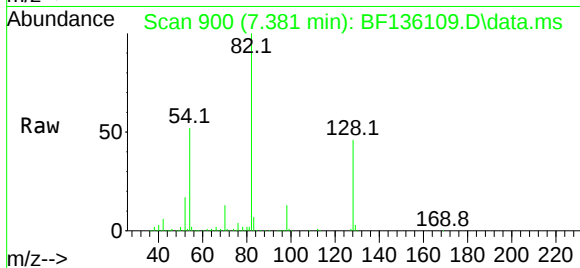
Tgt Ion: 82 Resp: 481167

Ion Ratio Lower Upper

82 100

128 45.6 38.6 57.8

54 52.3 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: BF136109.D

Acq: 02 Nov 2023 22:07

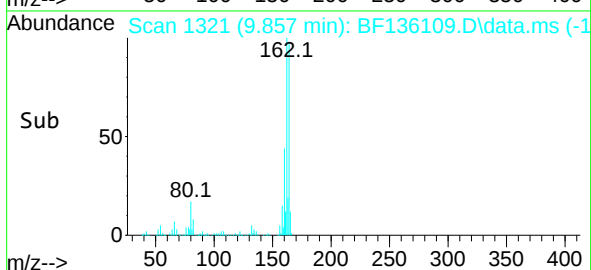
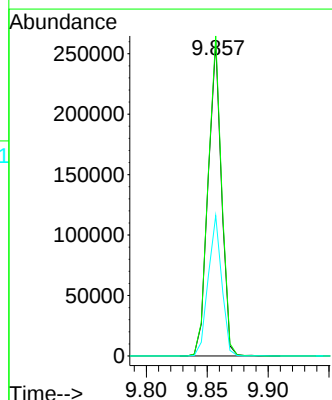
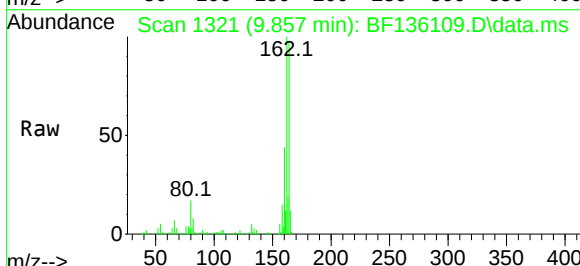
Tgt Ion:164 Resp: 198405

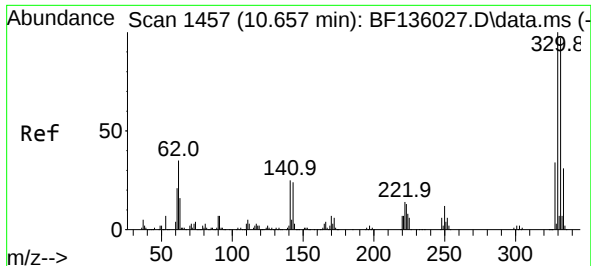
Ion Ratio Lower Upper

164 100

162 101.8 80.1 120.1

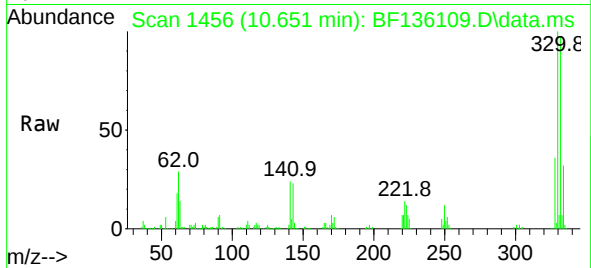
160 44.6 34.8 52.2



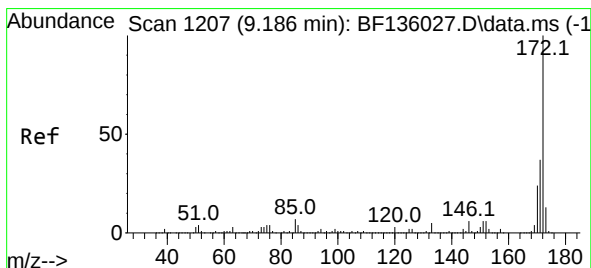
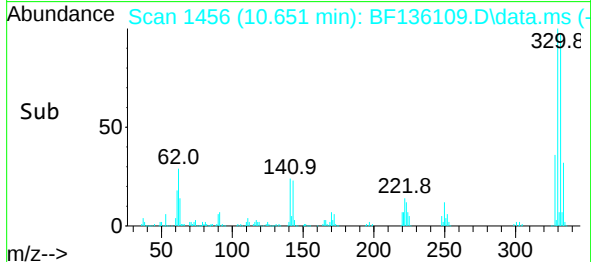
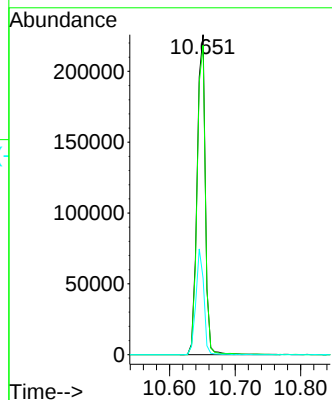


#42
2,4,6-Tribromophenol
Concen: 93.074 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF136109.D
Acq: 02 Nov 2023 22:07

Instrument :
BNA_F
ClientSampleId :
B2

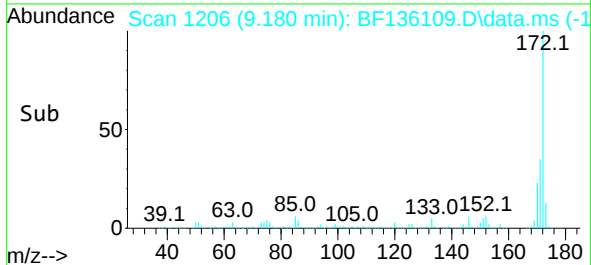
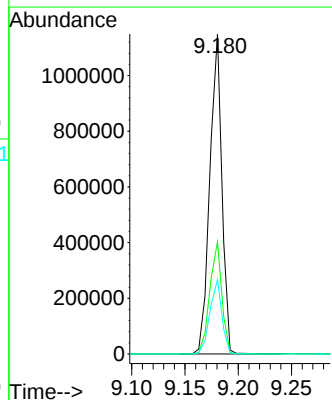
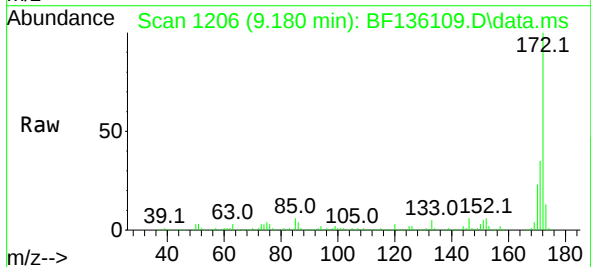


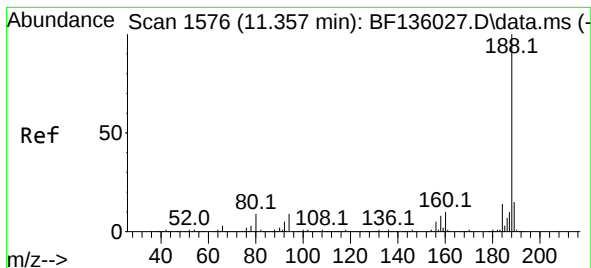
Tgt Ion:330 Resp: 197106
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 31.8 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 73.036 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF136109.D
Acq: 02 Nov 2023 22:07

Tgt Ion:172 Resp: 909024
Ion Ratio Lower Upper
172 100
171 35.0 29.4 44.0
170 23.2 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136109.D

Acq: 02 Nov 2023 22:07

Instrument :

BNA_F

ClientSampleId :

B2

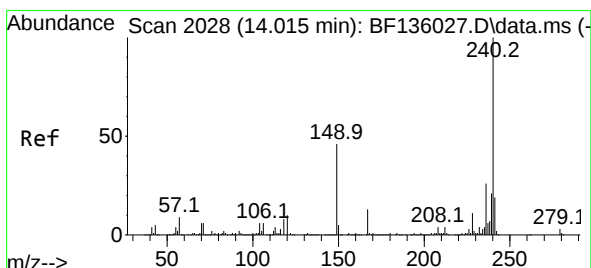
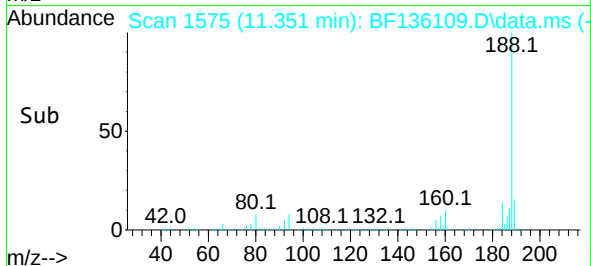
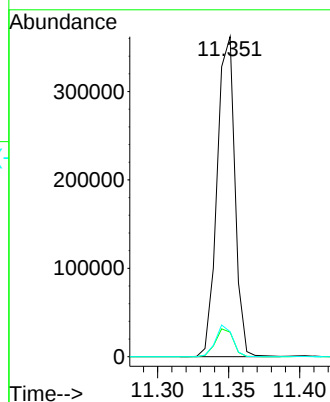
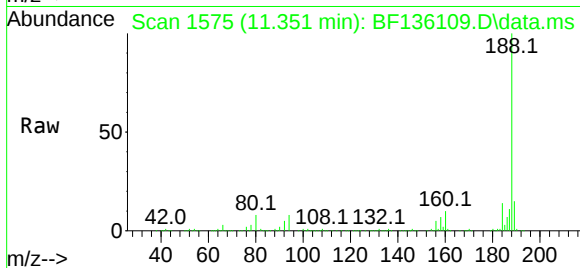
Tgt Ion:188 Resp: 315176

Ion Ratio Lower Upper

188 100

94 7.6 7.2 10.8

80 7.8 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: BF136109.D

Acq: 02 Nov 2023 22:07

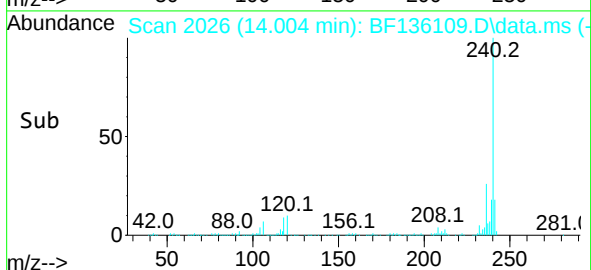
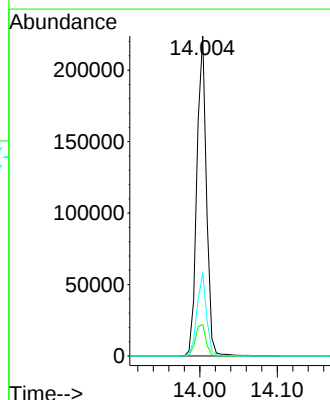
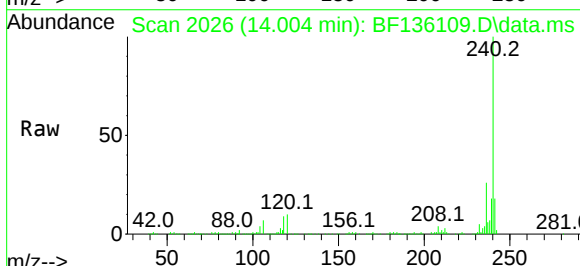
Tgt Ion:240 Resp: 192220

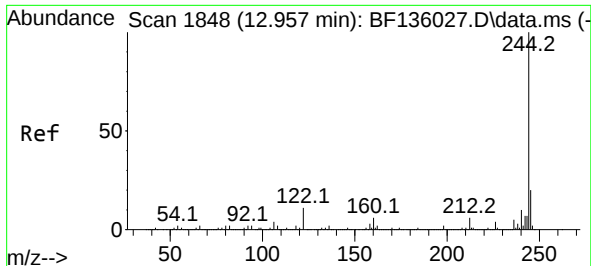
Ion Ratio Lower Upper

240 100

120 9.8 7.6 11.4

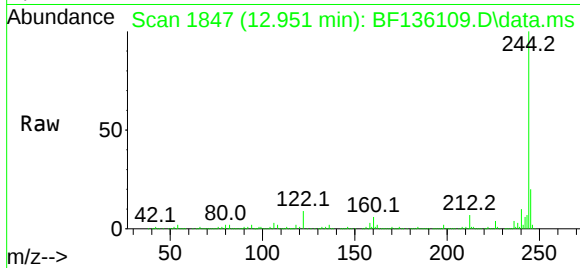
236 25.8 20.6 31.0



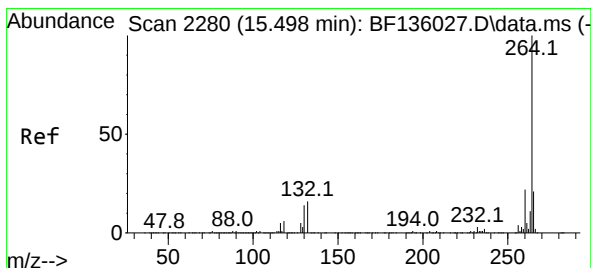
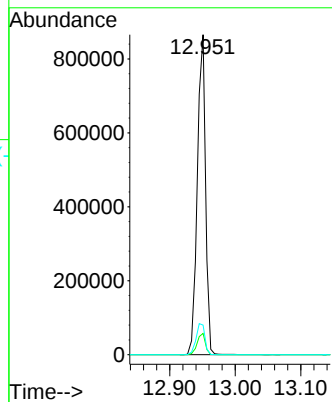
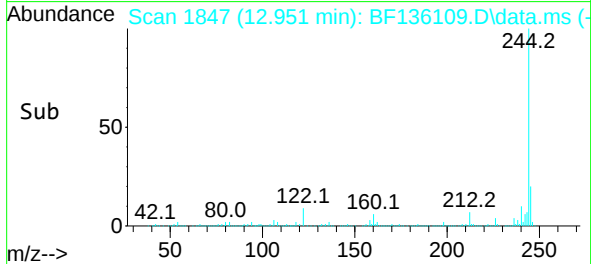


#79
 Terphenyl-d14
 Concen: 61.153 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136109.D
 Acq: 02 Nov 2023 22:07

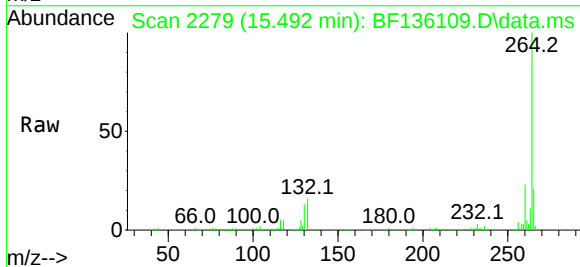
Instrument :
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 B2



Tgt Ion:244 Resp: 756406
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 9.3 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: BF136109.D
 Acq: 02 Nov 2023 22:07



Tgt Ion:264 Resp: 168769
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.9 26.9
 265 20.8 16.8 25.2

