

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136105.D
 Acq On : 02 Nov 2023 20:02
 Operator : CG\JU
 Sample : 05049-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B5

Quant Time: Nov 02 23:05:38 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	111731	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	436915	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	215642	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	342328	20.000	ng	0.00
76) Chrysene-d12	14.004	240	214643	20.000	ng	-0.01
86) Perylene-d12	15.492	264	206166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	405949	57.094	ng	0.00
7) Phenol-d6	6.445	99	307578	34.719	ng	-0.01
23) Nitrobenzene-d5	7.386	82	734728	101.373	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	291576	126.678	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1322086	97.733	ng	0.00
79) Terphenyl-d14	12.951	244	1094552	79.246	ng	0.00

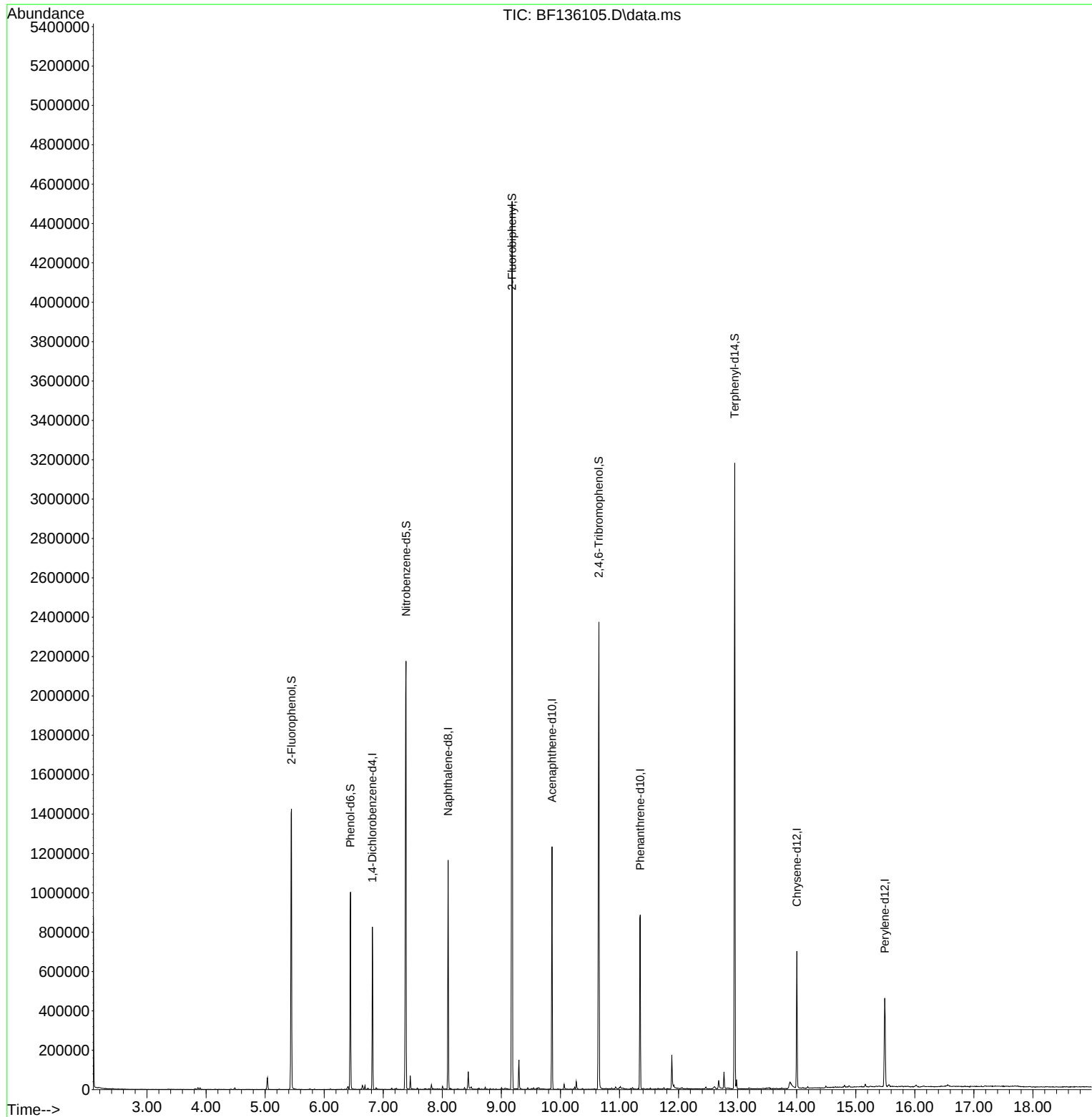
Target Compounds	Qvalue

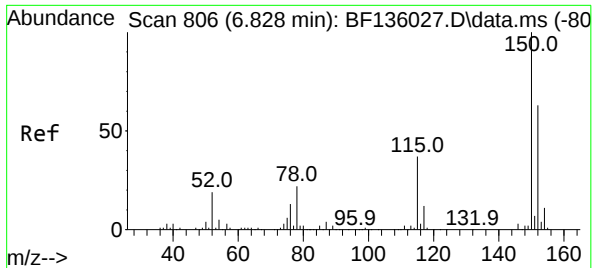
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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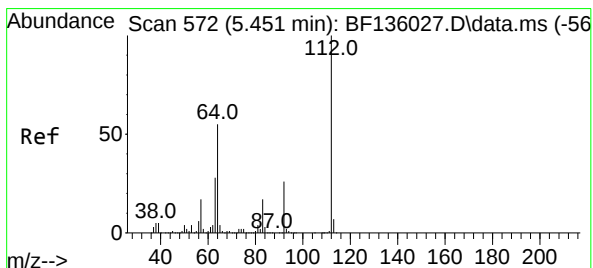
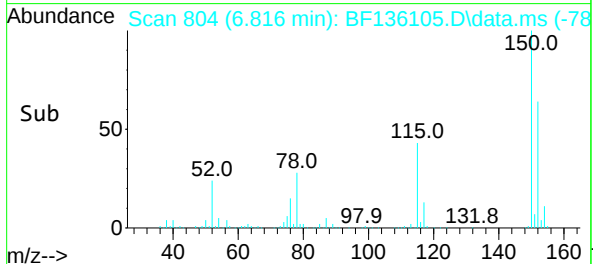
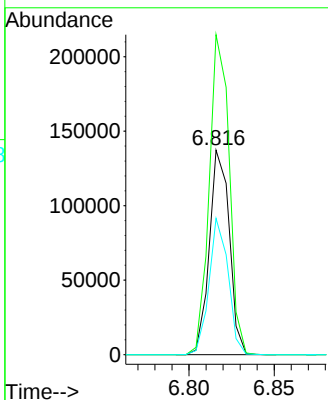
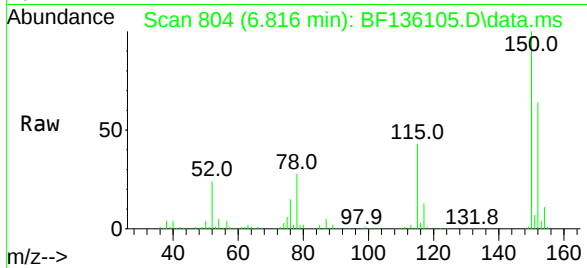




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136105.D
Acq: 02 Nov 2023 20:02

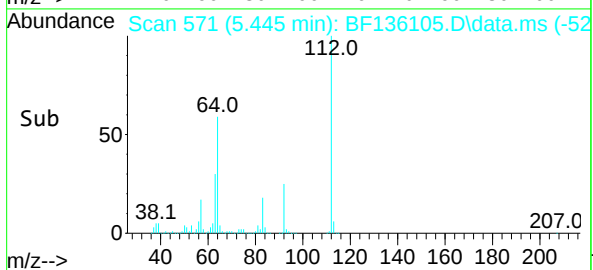
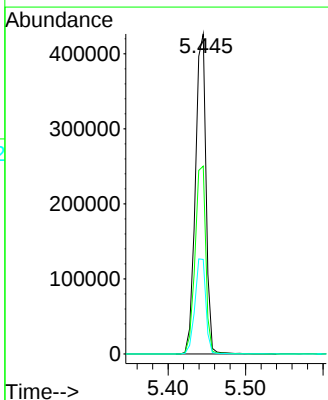
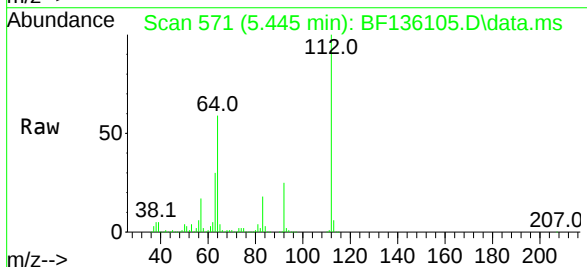
Instrument :
BNA_F
ClientSampleId :
B5

Tgt Ion:152 Resp: 111731
Ion Ratio Lower Upper
152 100
150 156.5 126.4 189.6
115 66.7 47.0 70.4



#5
2-Fluorophenol
Concen: 57.094 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF136105.D
Acq: 02 Nov 2023 20:02

Tgt Ion:112 Resp: 405949
Ion Ratio Lower Upper
112 100
64 58.7 43.9 65.9
63 29.6 22.4 33.6

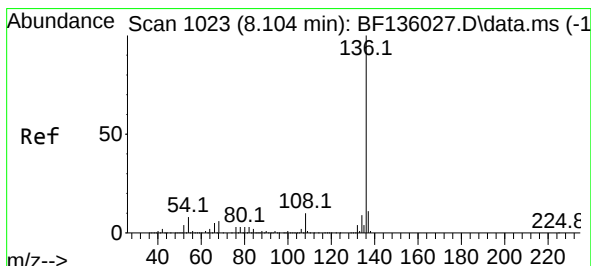
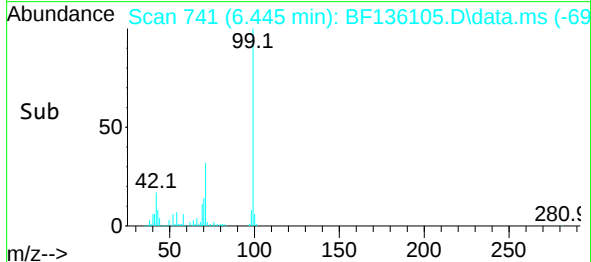
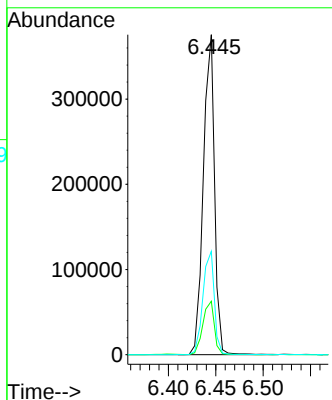
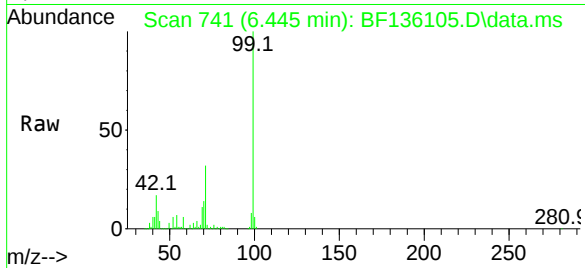




#7
Phenol-d6
Concen: 34.719 ng
RT: 6.445 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF136105.D
Acq: 02 Nov 2023 20:02

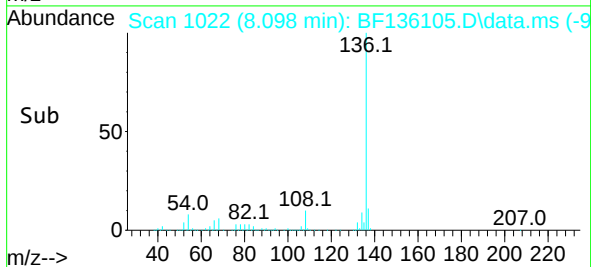
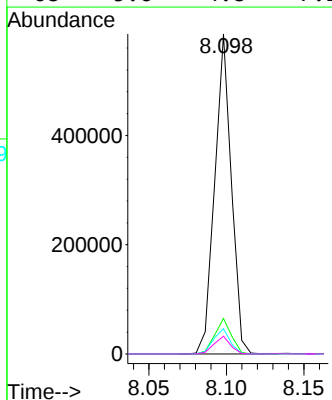
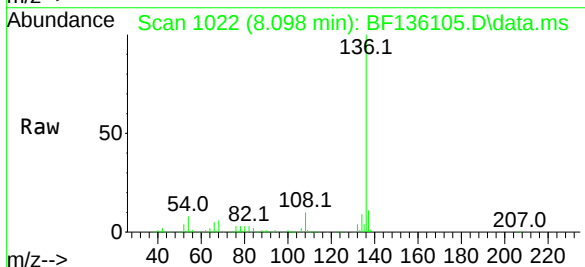
Instrument :
BNA_F
ClientSampleId :
B5

Tgt Ion: 99 Resp: 307578
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 32.3 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: BF136105.D
Acq: 02 Nov 2023 20:02

Tgt Ion: 136 Resp: 436915
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.9 6.6 9.8
68 5.6 4.8 7.2





#23

Nitrobenzene-d5

Concen: 101.373 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136105.D

Acq: 02 Nov 2023 20:02

Instrument :

BNA_F

ClientSampleId :

B5

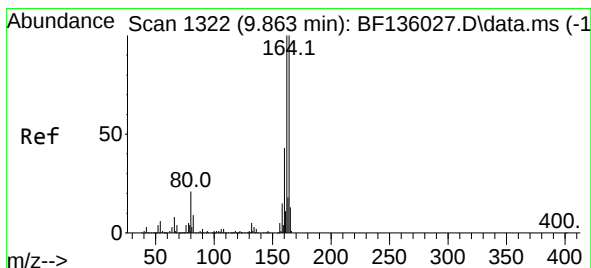
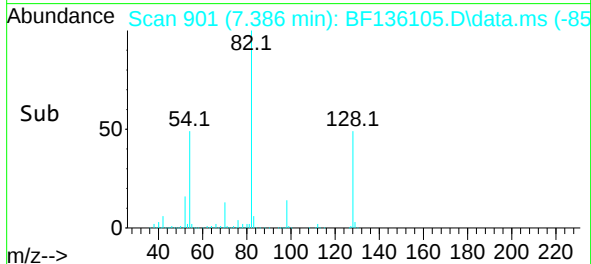
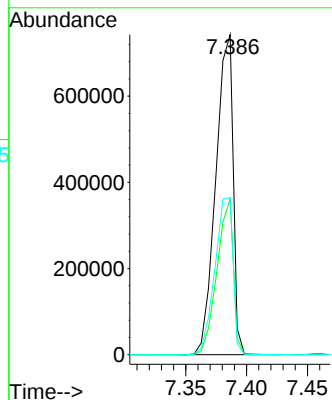
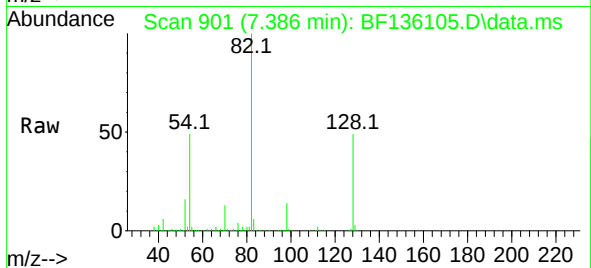
Tgt Ion: 82 Resp: 734728

Ion Ratio Lower Upper

82 100

128 48.6 38.6 57.8

54 49.1 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: BF136105.D

Acq: 02 Nov 2023 20:02

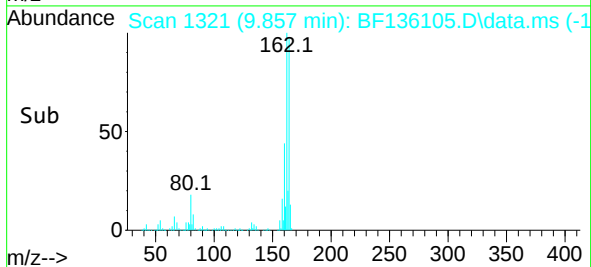
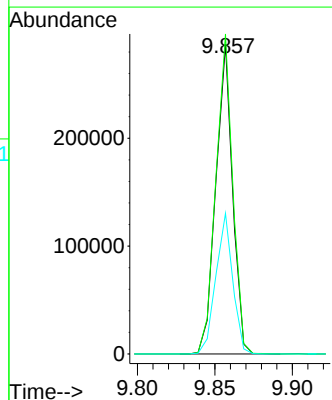
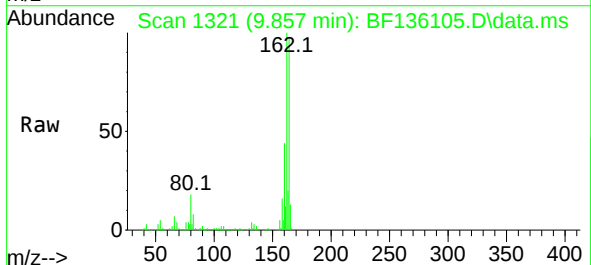
Tgt Ion:164 Resp: 215642

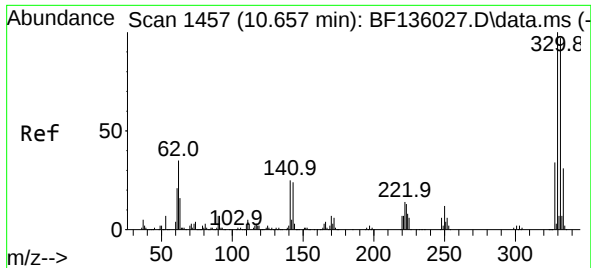
Ion Ratio Lower Upper

164 100

162 103.4 80.1 120.1

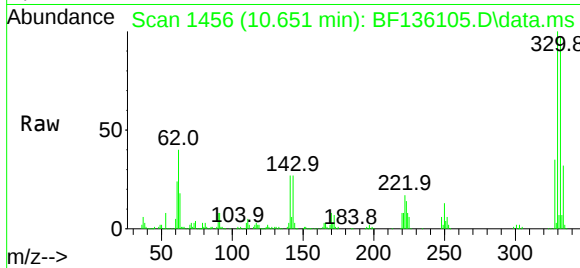
160 45.5 34.8 52.2



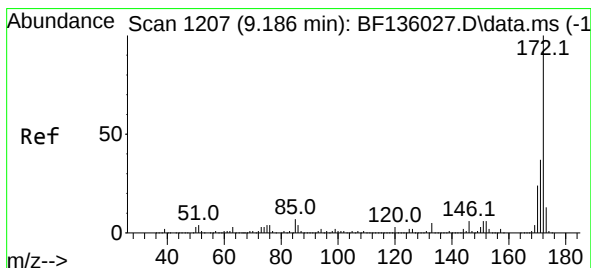
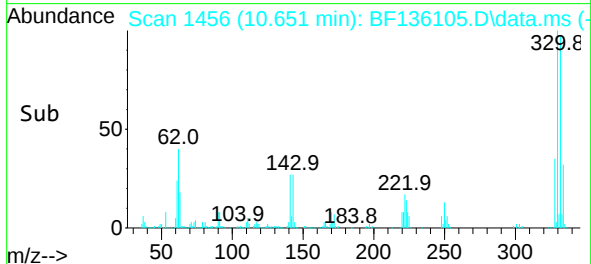
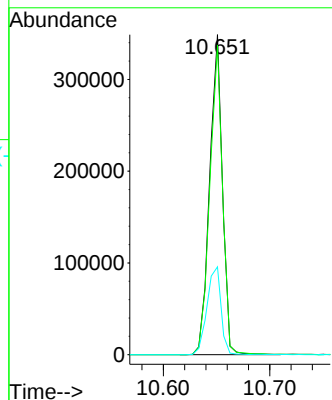


#42
2,4,6-Tribromophenol
Concen: 126.678 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF136105.D
Acq: 02 Nov 2023 20:02

Instrument :
BNA_F
ClientSampleId :
B5

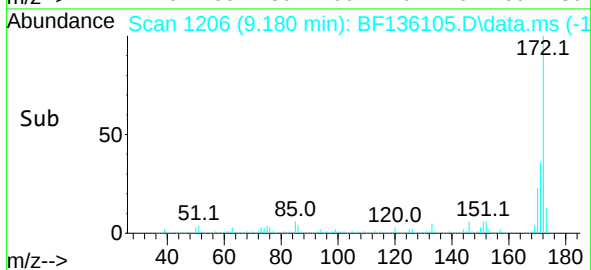
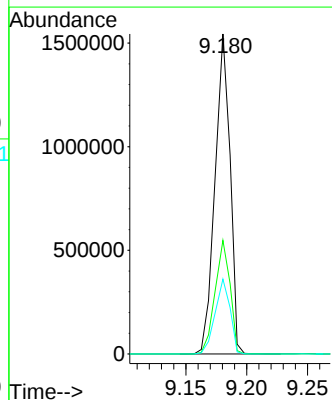
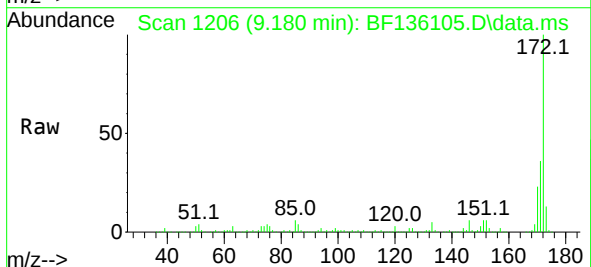


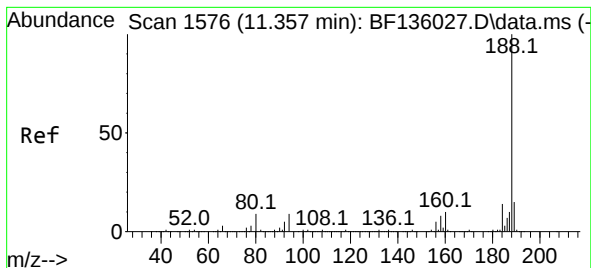
Tgt Ion:330 Resp: 291576
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 30.4 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 97.733 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF136105.D
Acq: 02 Nov 2023 20:02

Tgt Ion:172 Resp: 1322086
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 23.4 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136105.D

Acq: 02 Nov 2023 20:02

Instrument :

BNA_F

ClientSampleId :

B5

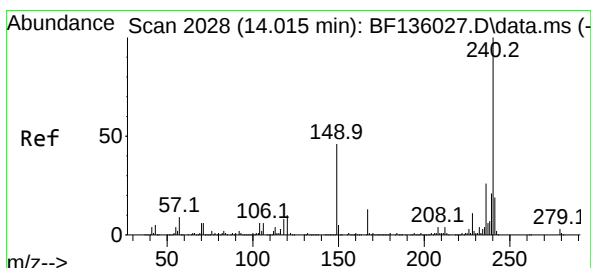
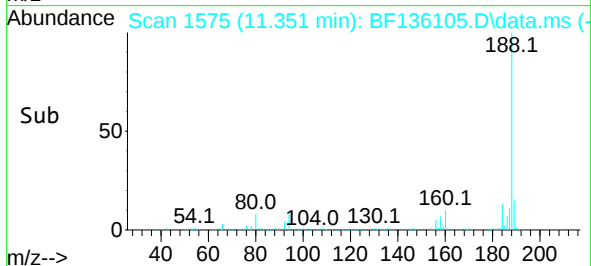
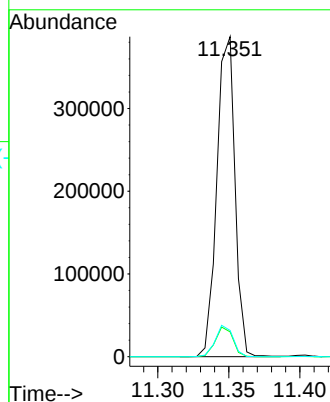
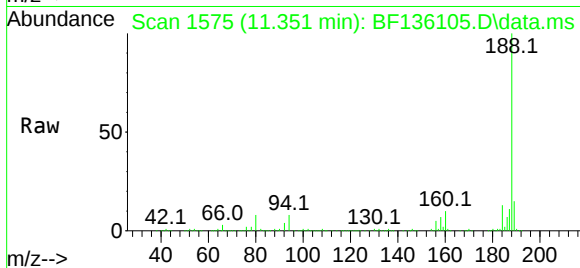
Tgt Ion:188 Resp: 342328

Ion Ratio Lower Upper

188 100

94 7.8 7.2 10.8

80 8.2 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: BF136105.D

Acq: 02 Nov 2023 20:02

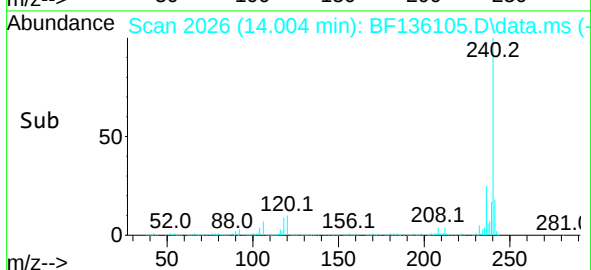
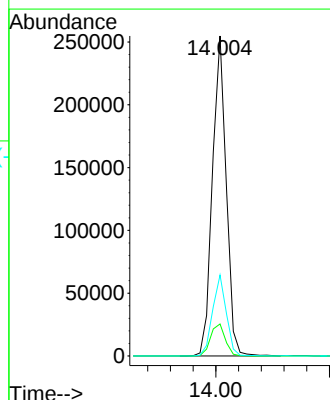
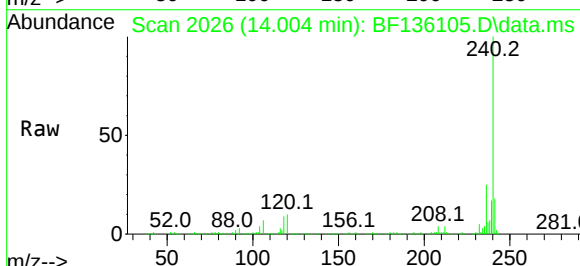
Tgt Ion:240 Resp: 214643

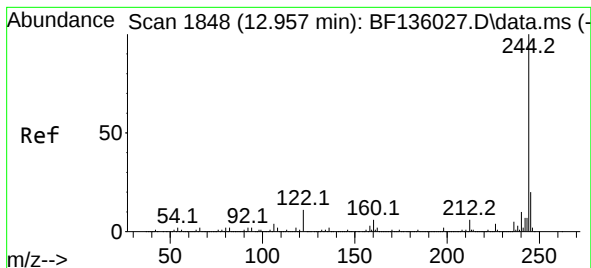
Ion Ratio Lower Upper

240 100

120 10.0 7.6 11.4

236 25.3 20.6 31.0





#79

Terphenyl-d14

Concen: 79.246 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136105.D

Acq: 02 Nov 2023 20:02

Instrument :

BNA_F

ClientSampleId :

B5

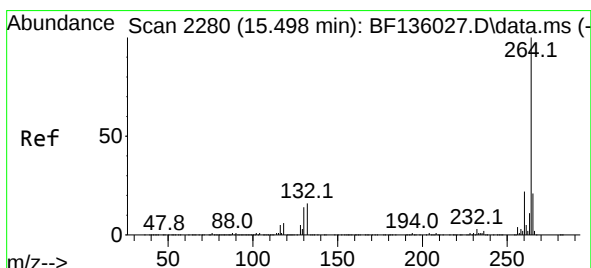
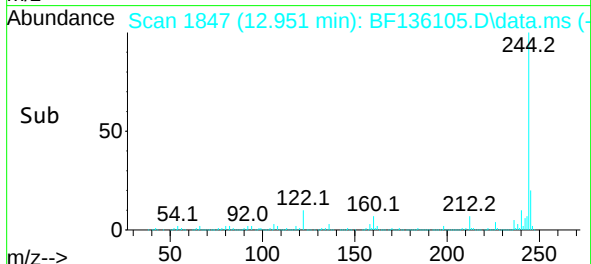
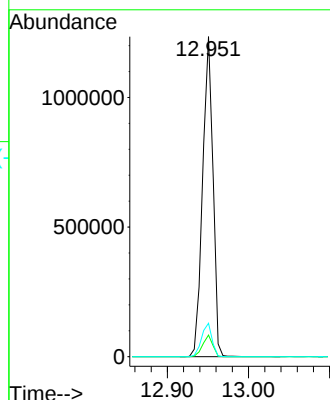
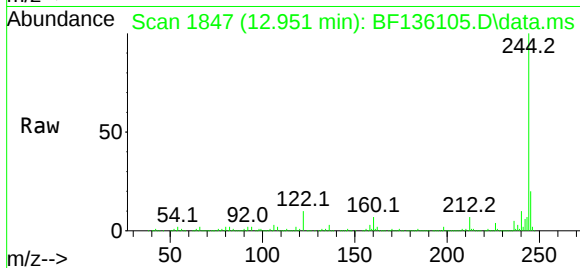
Tgt Ion:244 Resp: 1094552

Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 10.5 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: BF136105.D

Acq: 02 Nov 2023 20:02

Tgt Ion:264 Resp: 206166

Ion Ratio Lower Upper

264 100

260 23.0 17.9 26.9

265 20.7 16.8 25.2

