

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
 Data File : BF136152.D
 Acq On : 06 Nov 2023 13:56
 Operator : CG\JU
 Sample : 05243-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-AT-4.5-5.0

Quant Time: Nov 06 14:20:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	90507	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	357058	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	183676	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	334893	20.000	ng	0.00
76) Chrysene-d12	14.004	240	180852	20.000	ng	0.00
86) Perylene-d12	15.492	264	202031	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	456475	79.255	ng	0.00
7) Phenol-d6	6.451	99	562377	78.368	ng	0.00
23) Nitrobenzene-d5	7.381	82	358025	60.446	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	164156	83.731	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	667209	57.906	ng	0.00
79) Terphenyl-d14	12.945	244	628707	54.024	ng	0.00

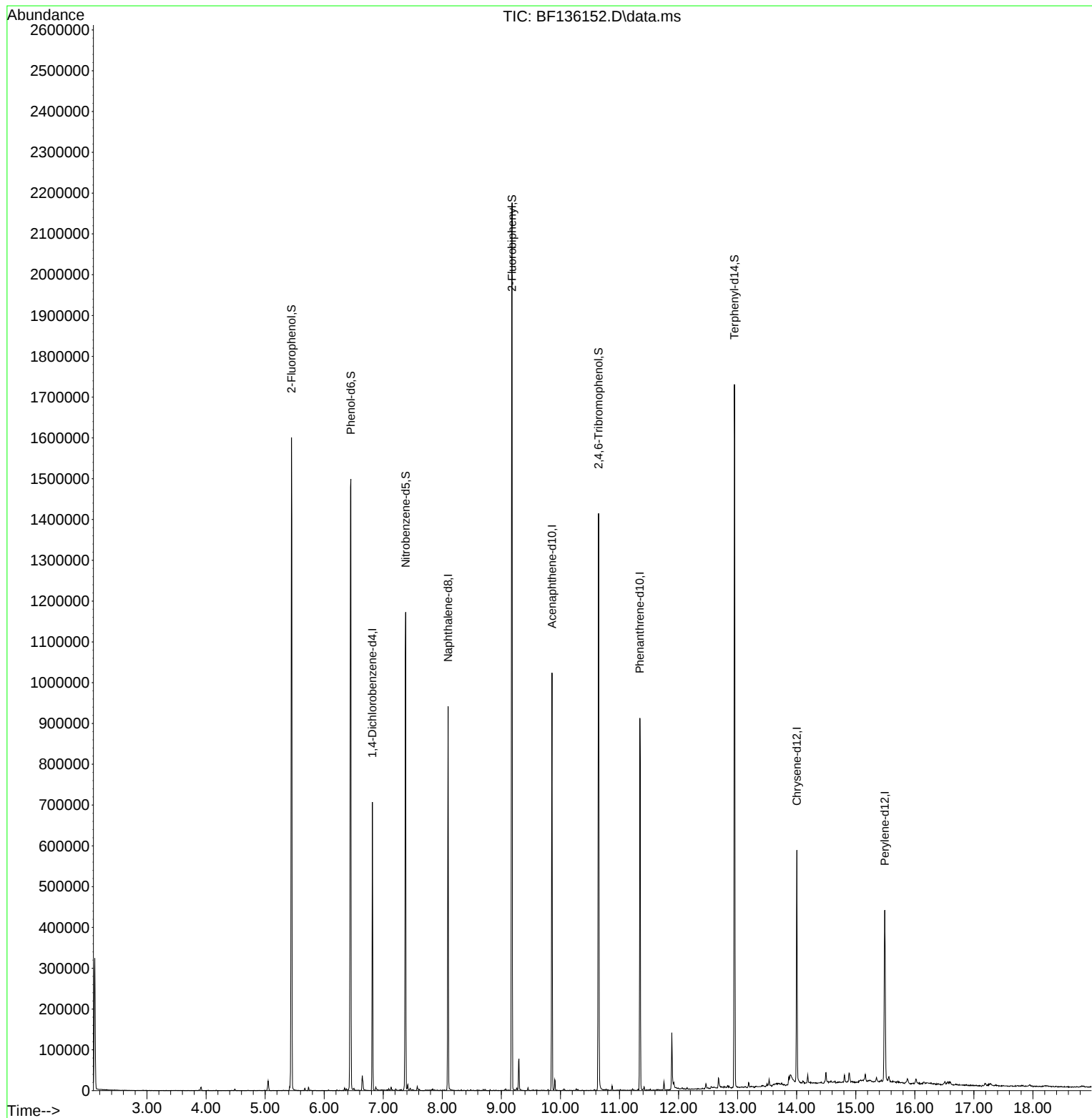
Target Compounds	Qvalue

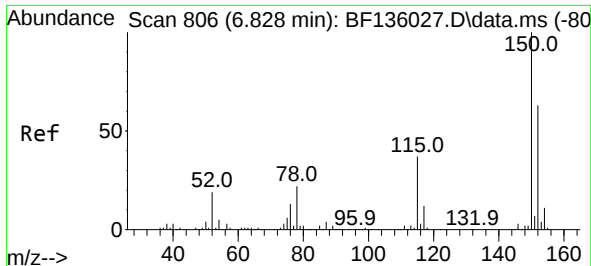
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110623\
Data File : BF136152.D
Acq On : 06 Nov 2023 13:56
Operator : CG\JU
Sample : 05243-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11-AT-4.5-5.0

Quant Time: Nov 06 14:20:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 06 00:53:35 2023
Response via : Initial Calibration

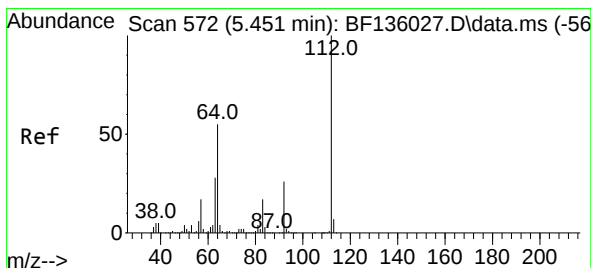
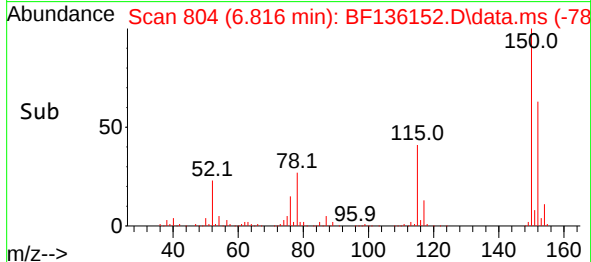
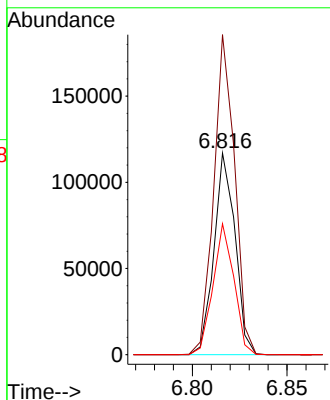
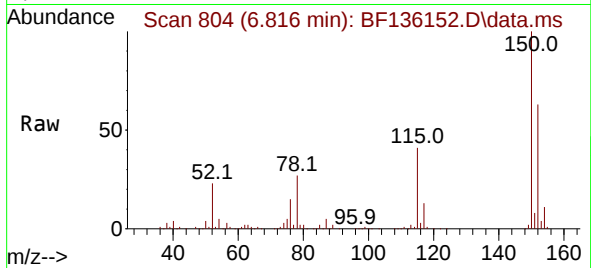




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136152.D
Acq: 06 Nov 2023 13:56

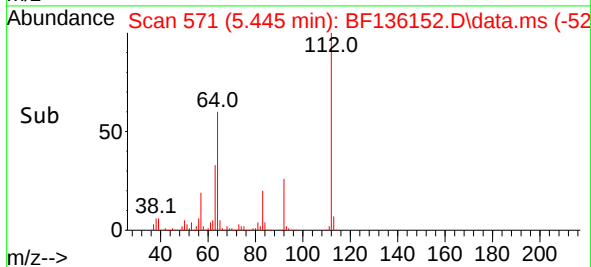
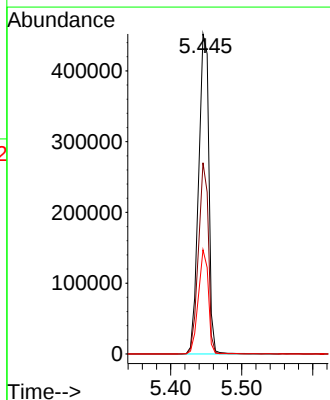
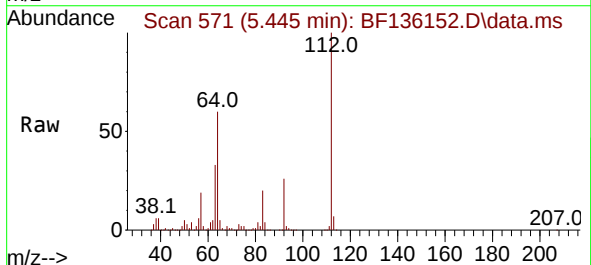
Instrument :
BNA_F
ClientSampleId :
SB-11-AT-4.5-5.0

Tgt Ion:152 Resp: 90507
Ion Ratio Lower Upper
152 100
150 158.7 126.4 189.6
115 64.9 47.0 70.4



#5
2-Fluorophenol
Concen: 79.255 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF136152.D
Acq: 06 Nov 2023 13:56

Tgt Ion:112 Resp: 456475
Ion Ratio Lower Upper
112 100
64 59.8 43.9 65.9
63 32.5 22.4 33.6

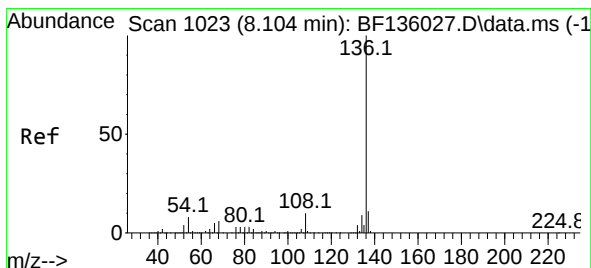
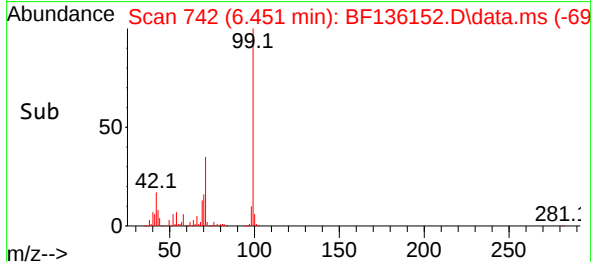
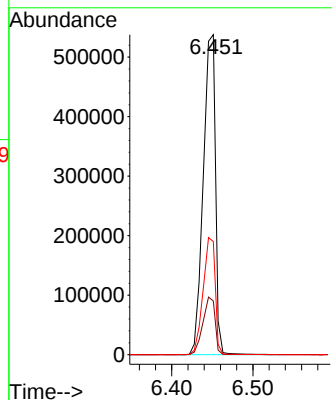
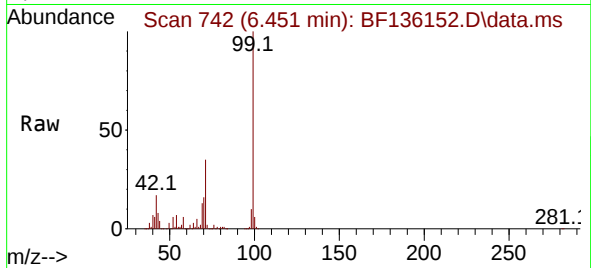




#7
Phenol-d6
Concen: 78.368 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136152.D
Acq: 06 Nov 2023 13:56

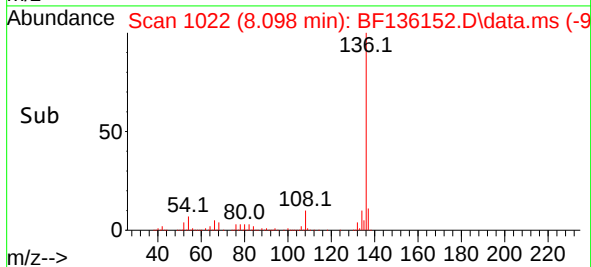
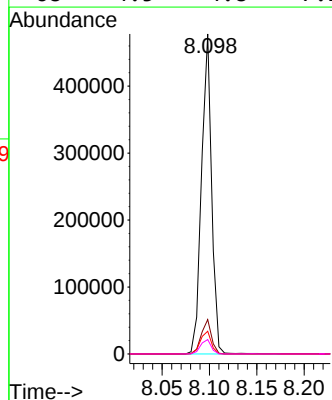
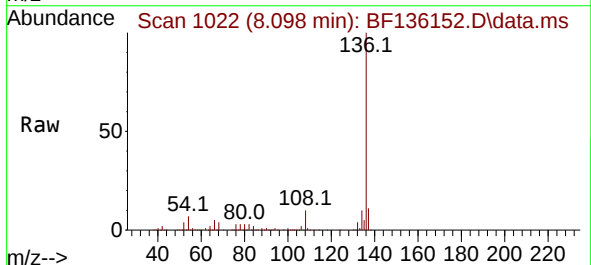
Instrument :
BNA_F
ClientSampleId :
SB-11-AT-4.5-5.0

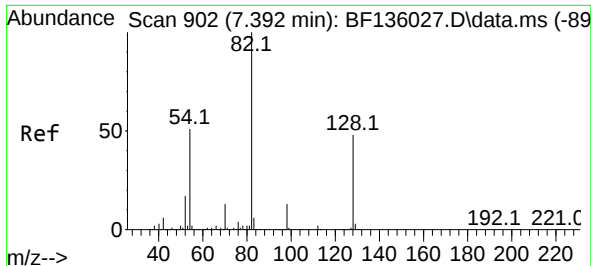
Tgt Ion: 99 Resp: 562377
Ion Ratio Lower Upper
99 100
42 16.8 13.7 20.5
71 35.3 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136152.D
Acq: 06 Nov 2023 13:56

Tgt Ion: 136 Resp: 357058
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.1 6.6 9.8
68 4.5 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 60.446 ng

RT: 7.381 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF136152.D

Acq: 06 Nov 2023 13:56

Instrument :

BNA_F

ClientSampleId :

SB-11-AT-4.5-5.0

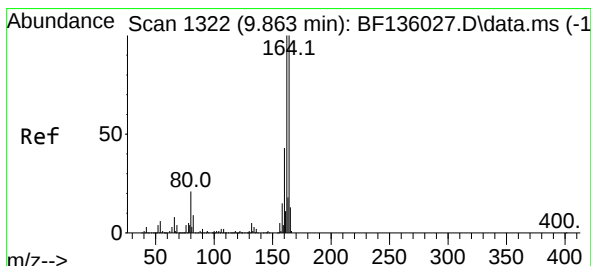
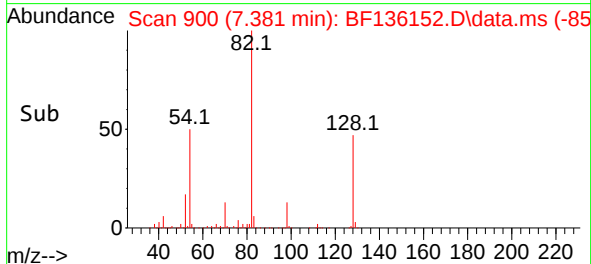
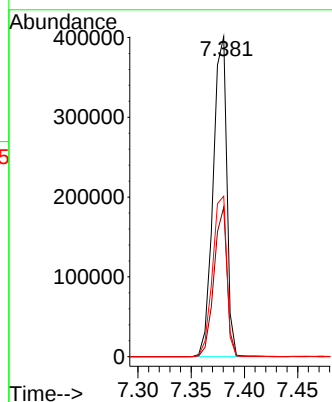
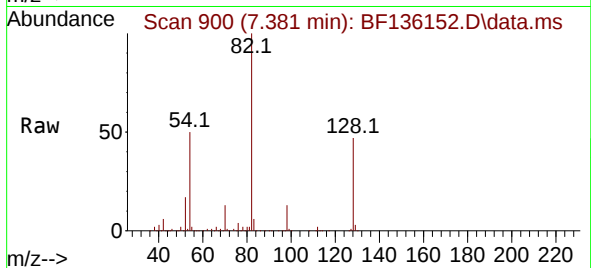
Tgt Ion: 82 Resp: 358025

Ion Ratio Lower Upper

82 100

128 46.7 38.6 57.8

54 50.2 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: BF136152.D

Acq: 06 Nov 2023 13:56

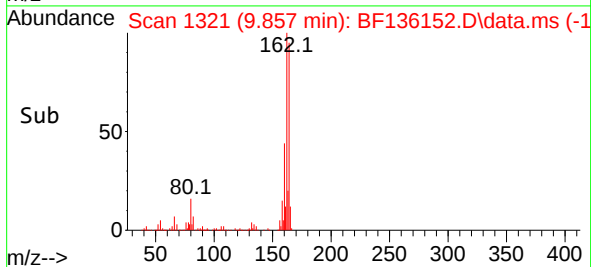
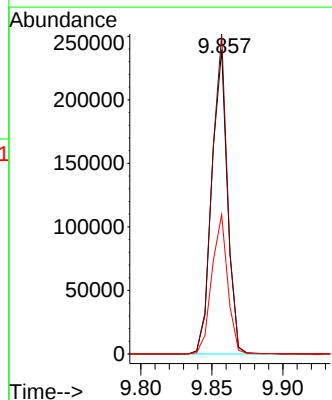
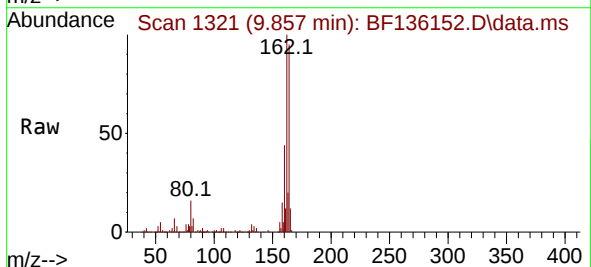
Tgt Ion:164 Resp: 183676

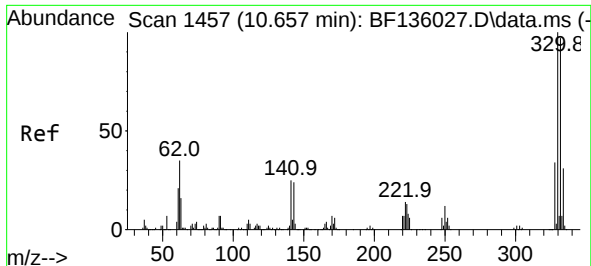
Ion Ratio Lower Upper

164 100

162 105.2 80.1 120.1

160 45.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 83.731 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF136152.D

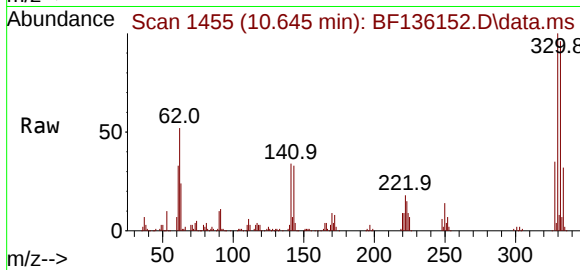
Acq: 06 Nov 2023 13:56

Instrument :

BNA_F

ClientSampleId :

SB-11-AT-4.5-5.0



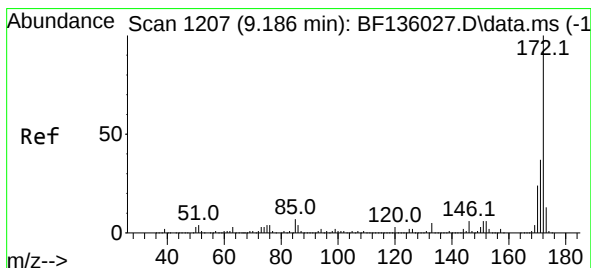
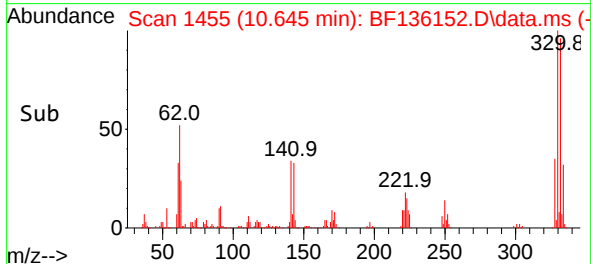
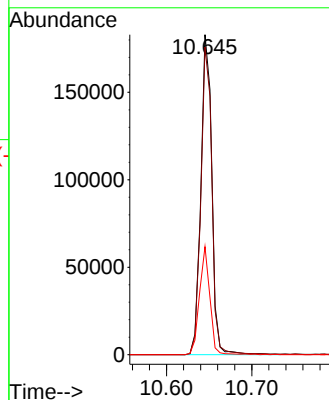
Tgt Ion:330 Resp: 164156

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

141 32.0 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 57.906 ng

RT: 9.180 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF136152.D

Acq: 06 Nov 2023 13:56

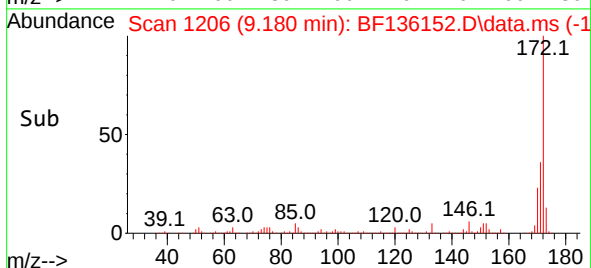
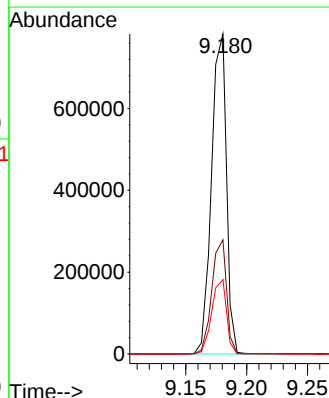
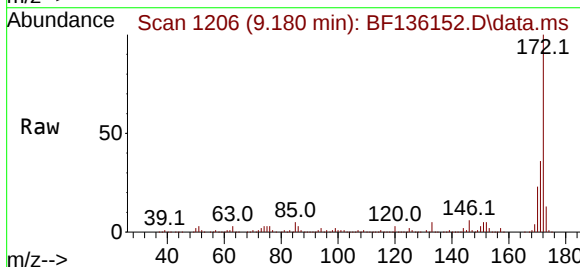
Tgt Ion:172 Resp: 667209

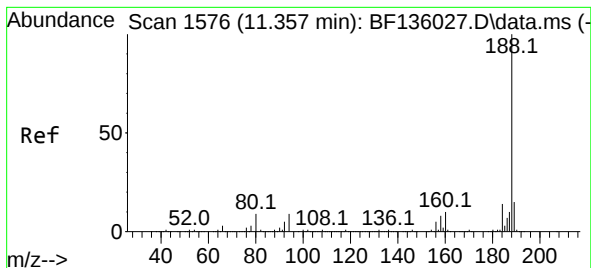
Ion Ratio Lower Upper

172 100

171 35.7 29.4 44.0

170 23.2 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136152.D

Acq: 06 Nov 2023 13:56

Instrument :

BNA_F

ClientSampleId :

SB-11-AT-4.5-5.0

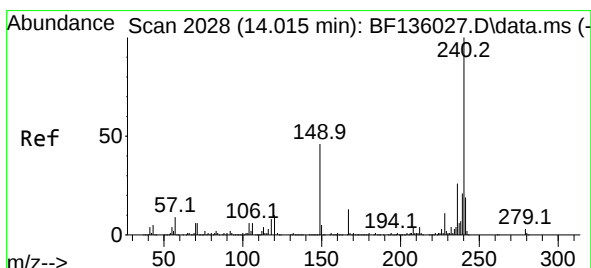
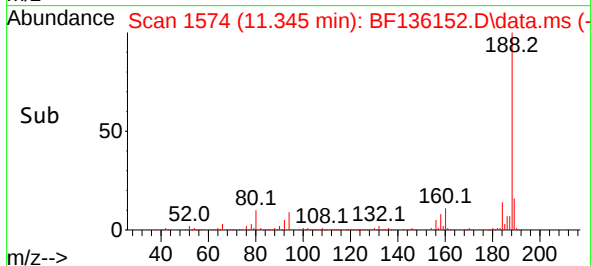
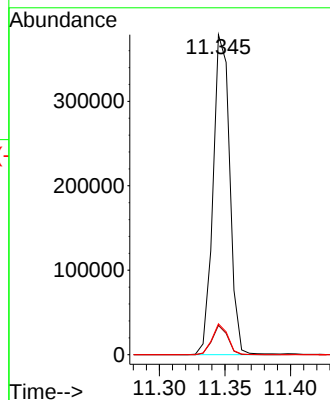
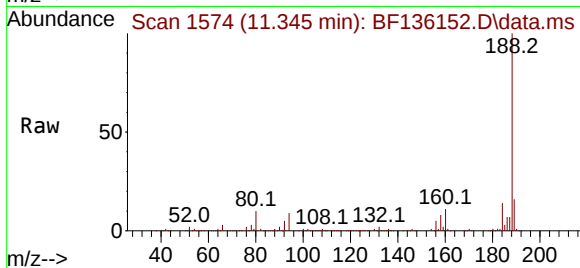
Tgt Ion:188 Resp: 334893

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

80 9.7 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF136152.D

Acq: 06 Nov 2023 13:56

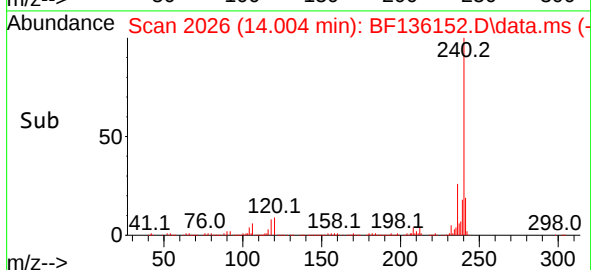
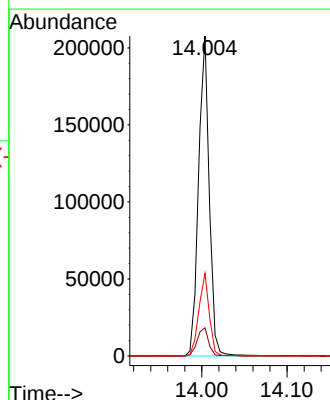
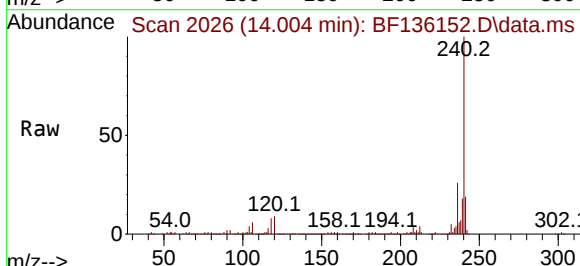
Tgt Ion:240 Resp: 180852

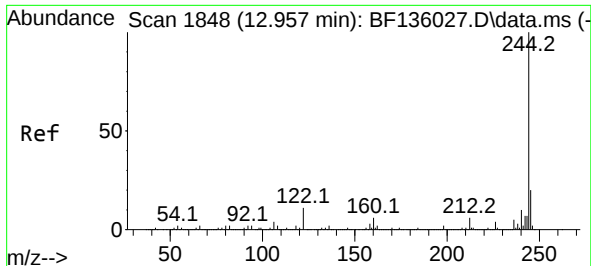
Ion Ratio Lower Upper

240 100

120 8.8 7.6 11.4

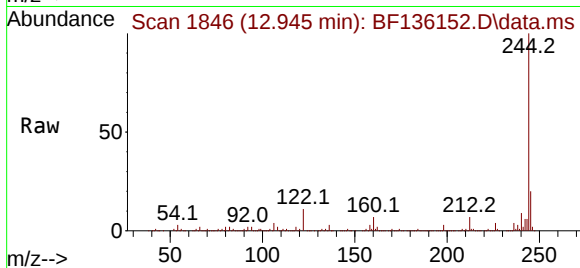
236 25.9 20.6 31.0



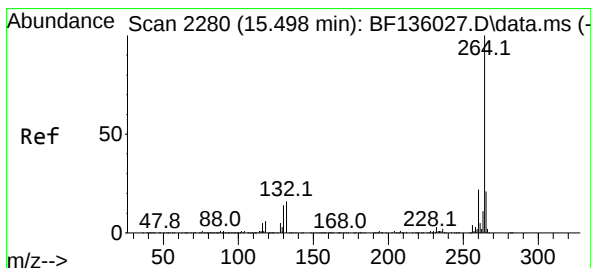
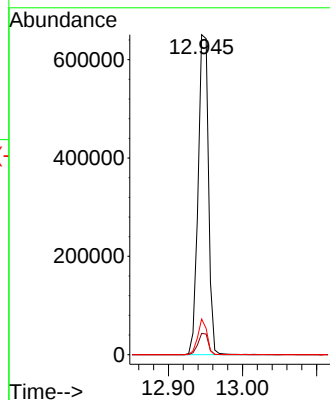
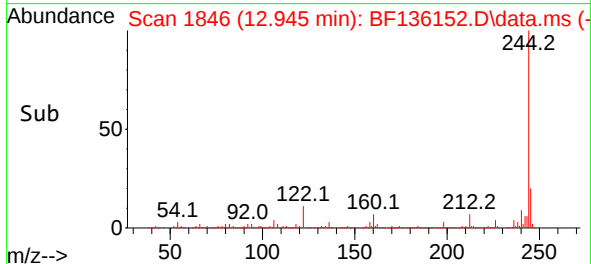


#79
 Terphenyl-d14
 Concen: 54.024 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.006 min
 Lab File: BF136152.D
 Acq: 06 Nov 2023 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-AT-4.5-5.0



Tgt Ion:244 Resp: 628707
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. 0.000 min
 Lab File: BF136152.D
 Acq: 06 Nov 2023 13:56

Tgt Ion:264 Resp: 202031
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.9 26.9
 265 21.9 16.8 25.2

