

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
 Data File : BF136602.D
 Acq On : 15 Dec 2023 20:07
 Operator : CG\JU
 Sample : 05803-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 600572408-

Quant Time: Dec 16 02:06:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	81849	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	275548	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	121816	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	238761	20.000	ng	0.00
76) Chrysene-d12	13.963	240	212601	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	152486	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	258055	46.562	ng	0.00
7) Phenol-d6	6.428	99	289692	41.895	ng	0.00
23) Nitrobenzene-d5	7.345	82	168556	33.069	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	72343	48.164	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	304452	34.103	ng	0.00
79) Terphenyl-d14	12.904	244	398237	24.689	ng	0.00

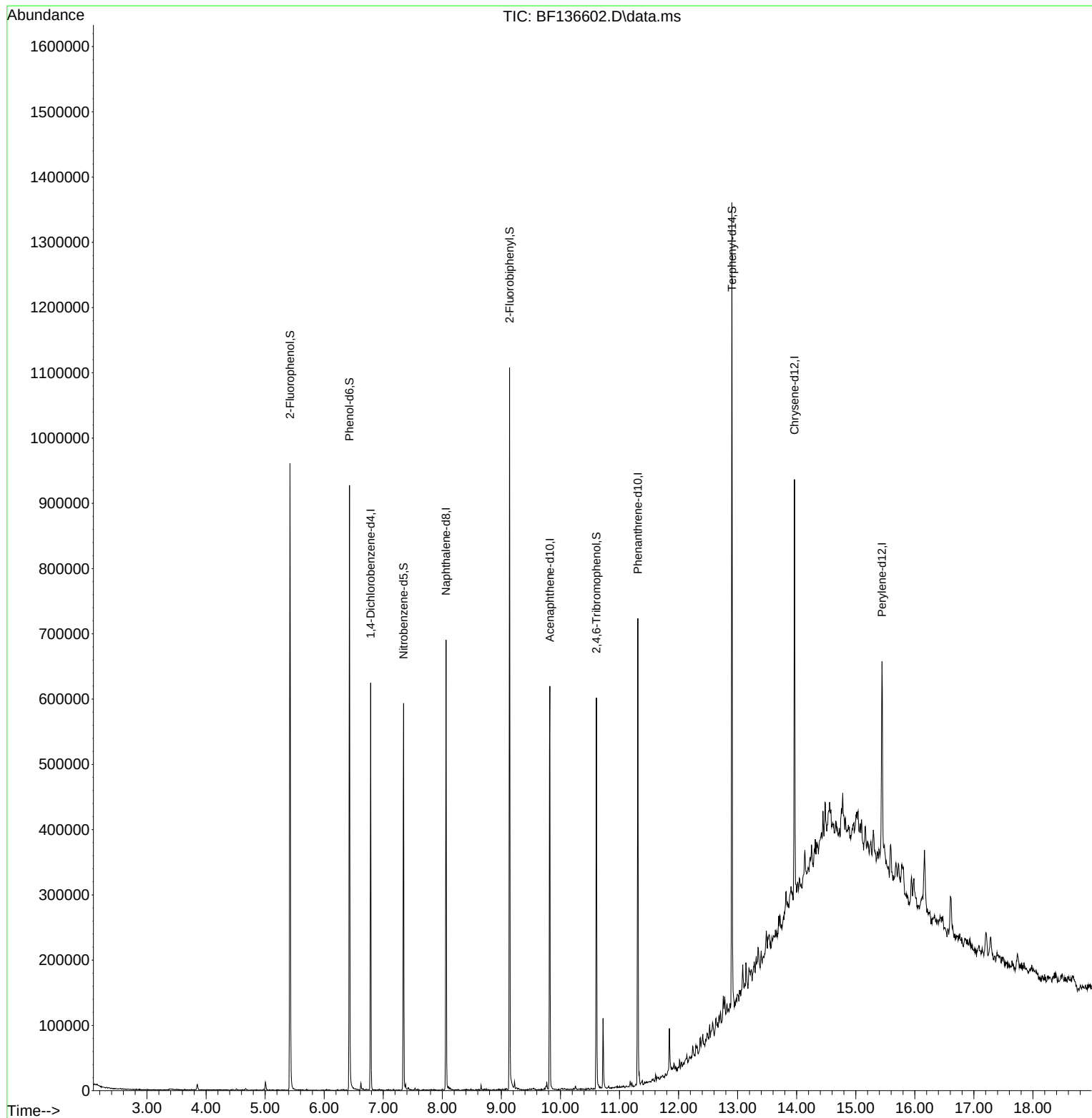
Target Compounds	Qvalue

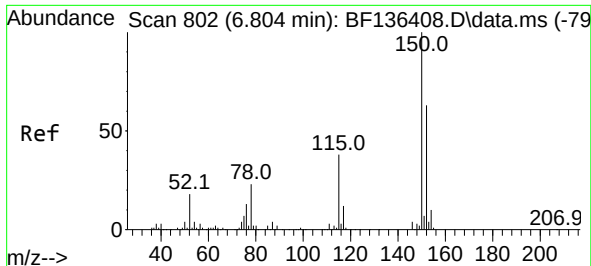
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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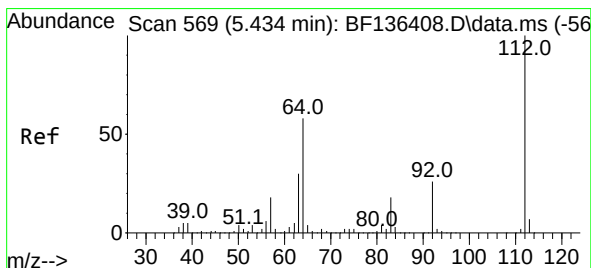
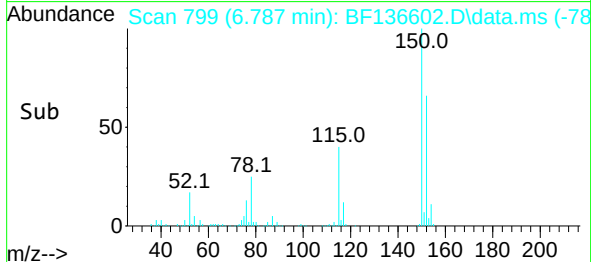
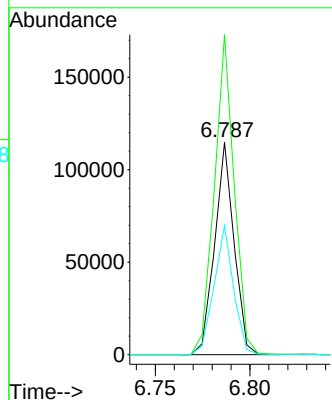
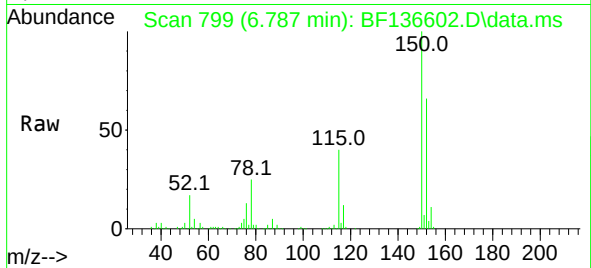




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF136602.D
Acq: 15 Dec 2023 20:07

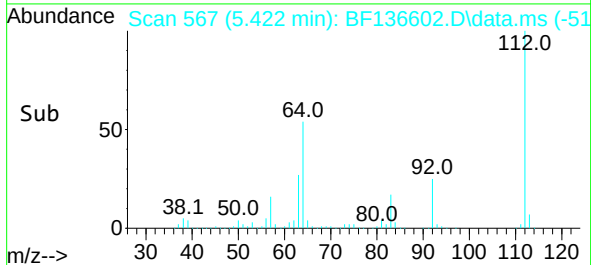
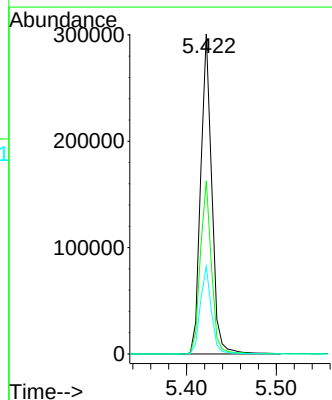
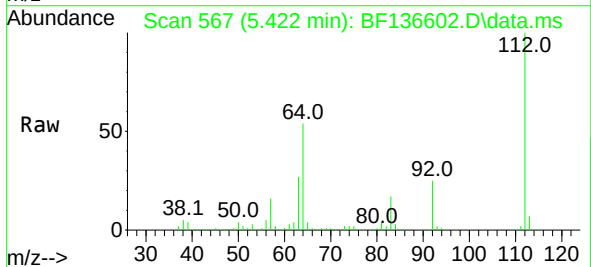
Instrument :
BNA_F
ClientSampleId :
600572408-

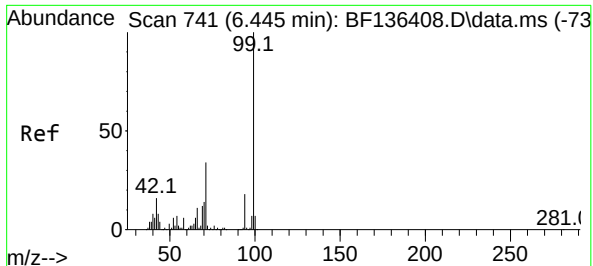
Tgt Ion:152 Resp: 81849
Ion Ratio Lower Upper
152 100
150 150.4 126.4 189.6
115 60.8 48.2 72.4



#5
2-Fluorophenol
Concen: 46.562 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.000 min
Lab File: BF136602.D
Acq: 15 Dec 2023 20:07

Tgt Ion:112 Resp: 258055
Ion Ratio Lower Upper
112 100
64 54.1 46.5 69.7
63 27.4 23.9 35.9

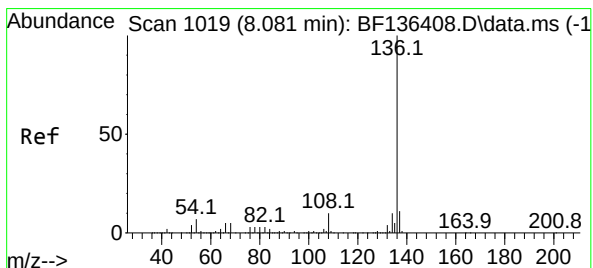
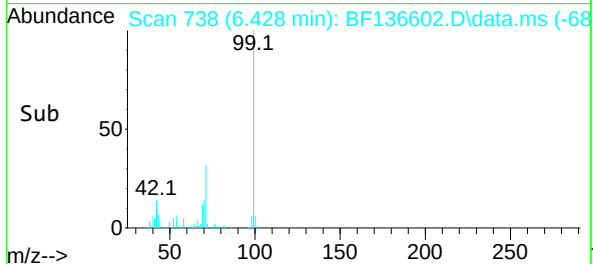
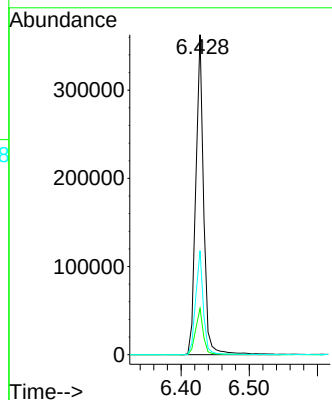
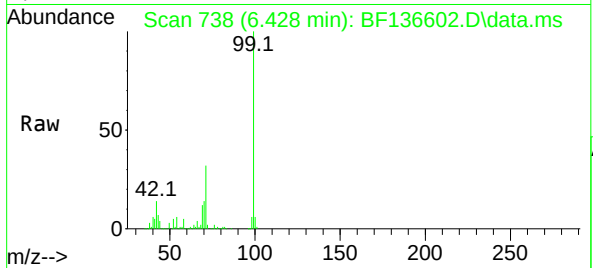




#7
Phenol-d6
Concen: 41.895 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136602.D
Acq: 15 Dec 2023 20:07

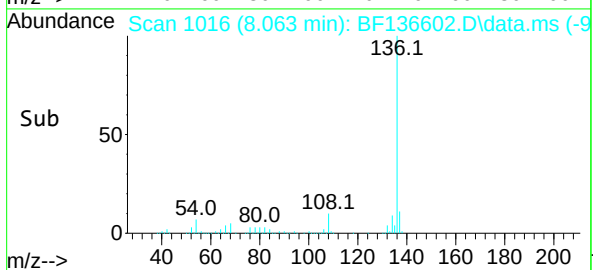
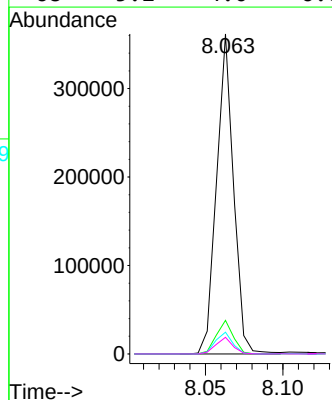
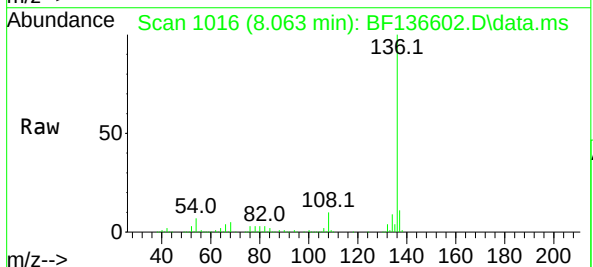
Instrument :
BNA_F
ClientSampleId :
600572408-

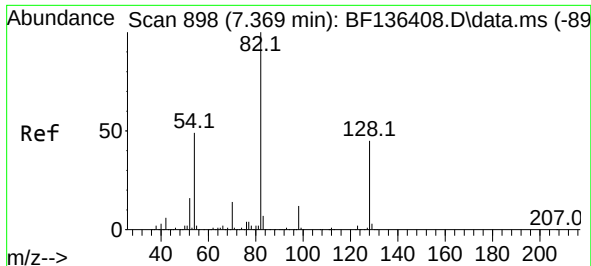
Tgt Ion: 99 Resp: 289692
Ion Ratio Lower Upper
99 100
42 14.5 12.8 19.2
71 32.5 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136602.D
Acq: 15 Dec 2023 20:07

Tgt Ion: 136 Resp: 275548
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 6.8 5.7 8.5
68 5.2 4.0 6.0





#23

Nitrobenzene-d5

Concen: 33.069 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136602.D

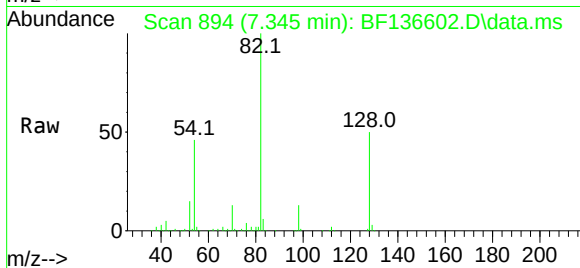
Acq: 15 Dec 2023 20:07

Instrument :

BNA_F

ClientSampleId :

600572408-



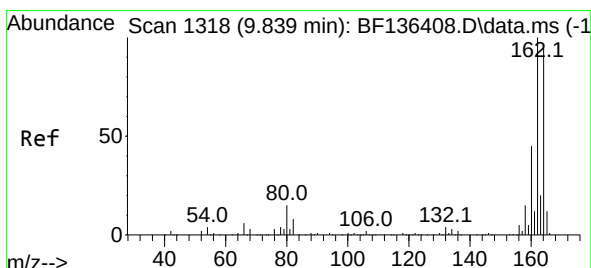
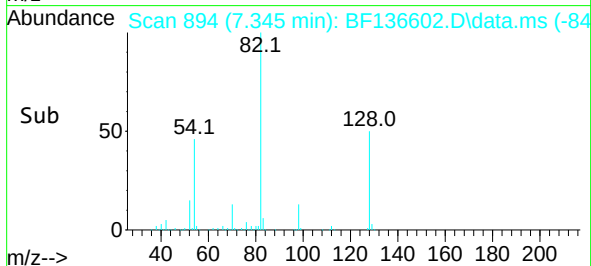
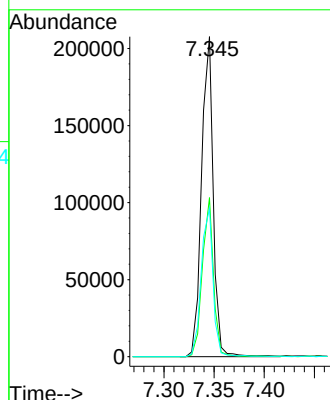
Tgt Ion: 82 Resp: 168556

Ion Ratio Lower Upper

82 100

128 49.7 36.3 54.5

54 46.4 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.006 min

Lab File: BF136602.D

Acq: 15 Dec 2023 20:07

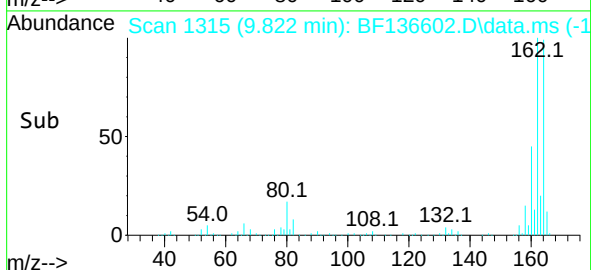
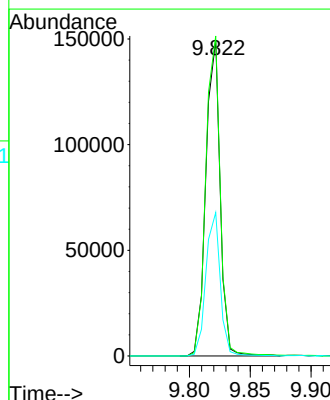
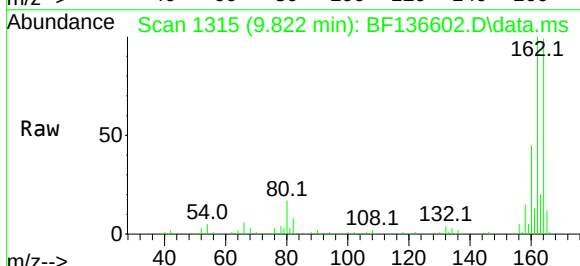
Tgt Ion: 164 Resp: 121816

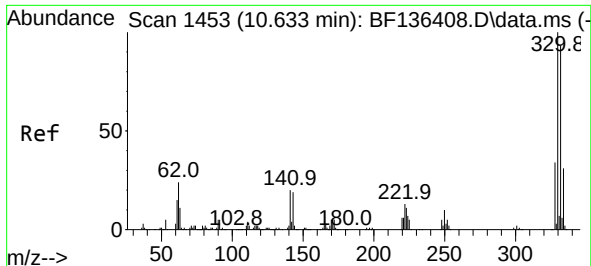
Ion Ratio Lower Upper

164 100

162 101.3 84.4 126.6

160 45.4 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 48.164 ng

RT: 10.610 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF136602.D

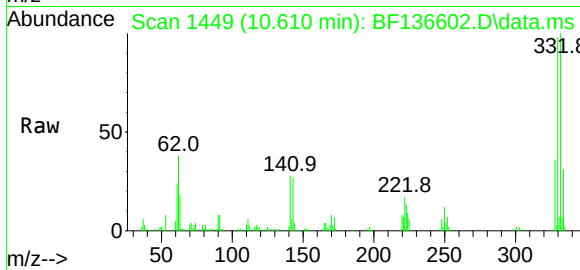
Acq: 15 Dec 2023 20:07

Instrument :

BNA_F

ClientSampleId :

600572408-



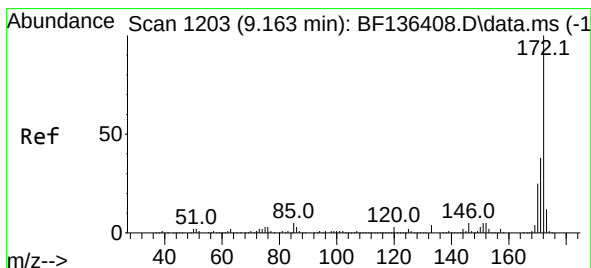
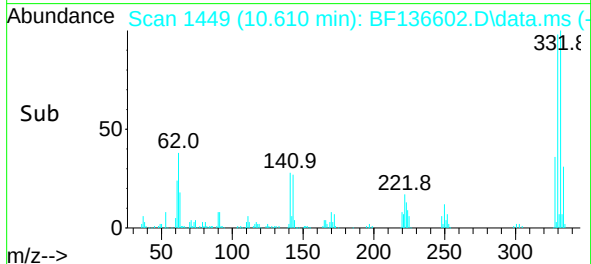
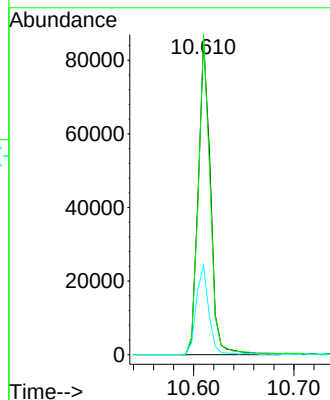
Tgt Ion:330 Resp: 72343

Ion Ratio Lower Upper

330 100

332 97.8 76.4 114.6

141 29.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 34.103 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF136602.D

Acq: 15 Dec 2023 20:07

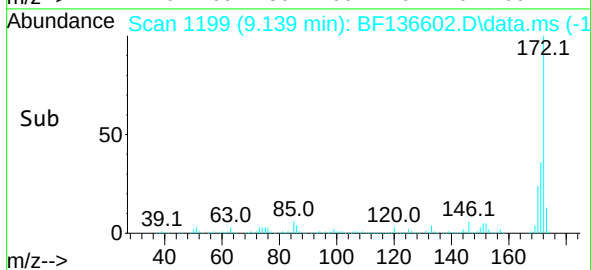
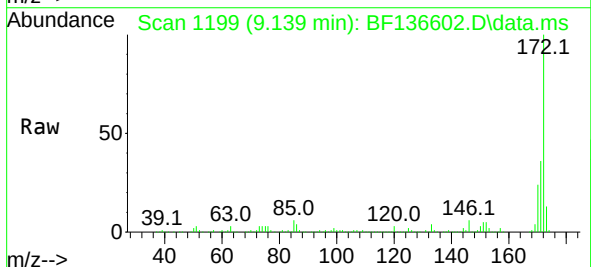
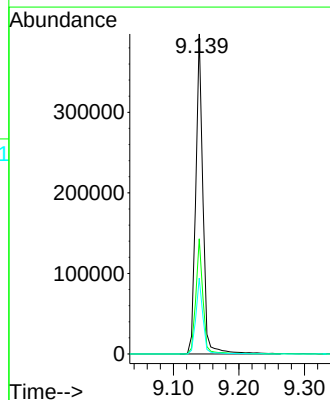
Tgt Ion:172 Resp: 304452

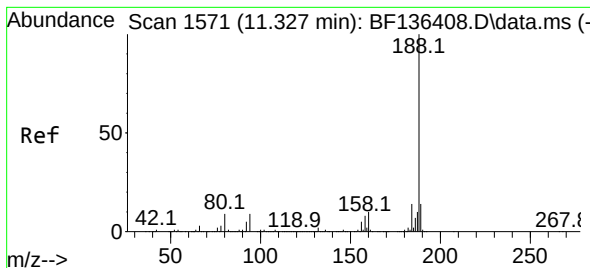
Ion Ratio Lower Upper

172 100

171 36.0 30.5 45.7

170 23.7 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136602.D

Acq: 15 Dec 2023 20:07

Instrument :

BNA_F

ClientSampleId :

600572408-

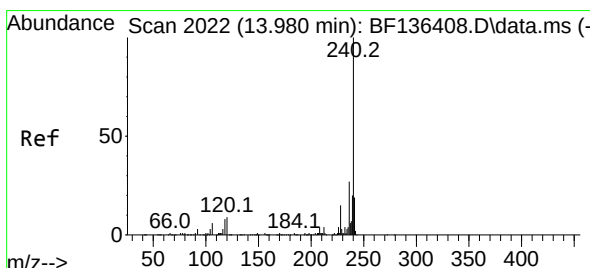
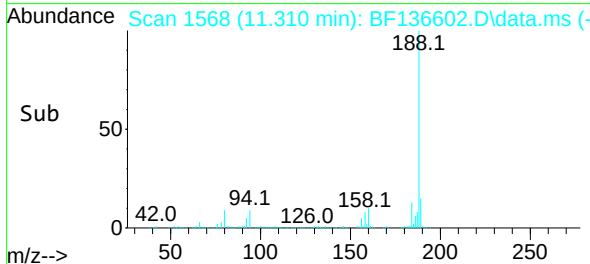
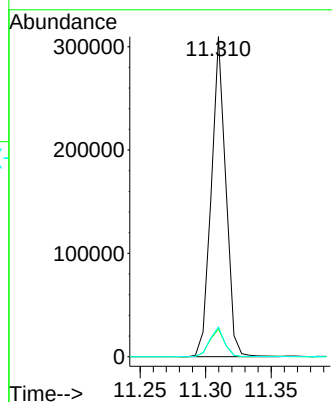
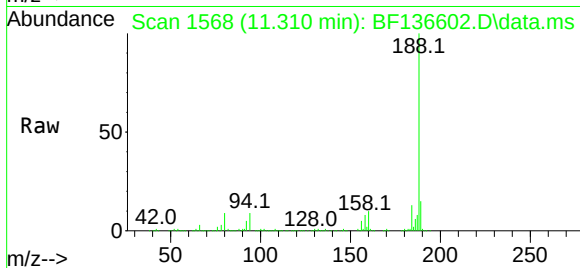
Tgt Ion:188 Resp: 238761

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

80 9.3 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136602.D

Acq: 15 Dec 2023 20:07

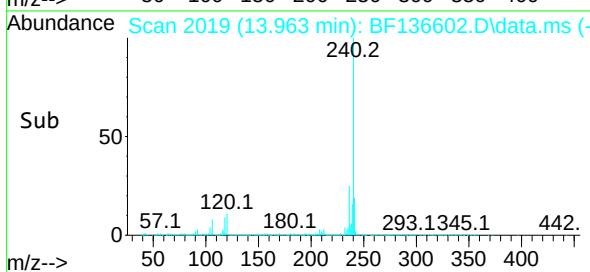
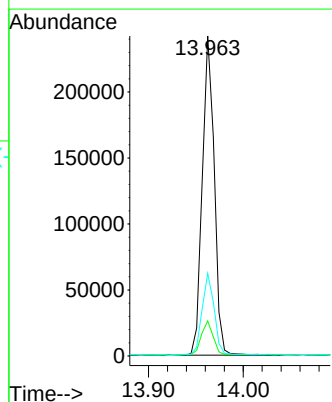
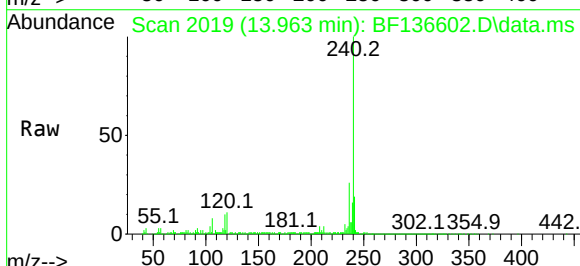
Tgt Ion:240 Resp: 212601

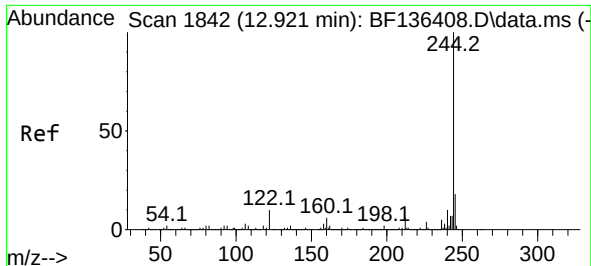
Ion Ratio Lower Upper

240 100

120 11.0 7.3 10.9#

236 25.8 21.3 31.9

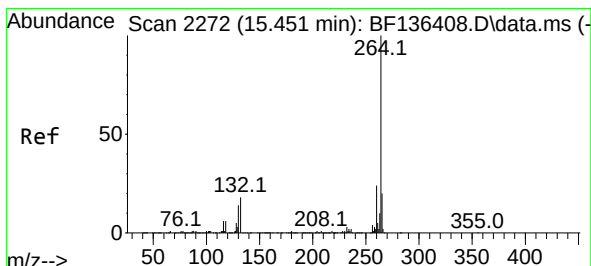
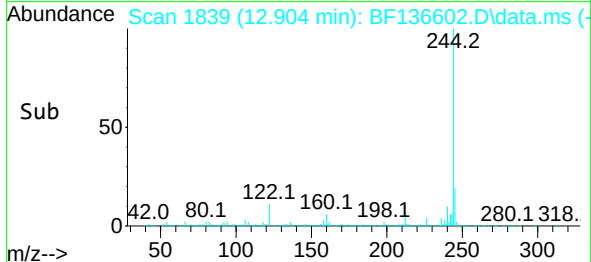
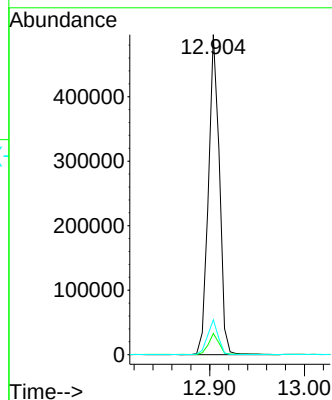
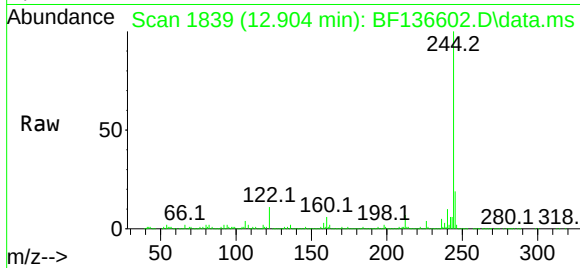




#79
 Terphenyl-d14
 Concen: 24.689 ng
 RT: 12.904 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF136602.D
 Acq: 15 Dec 2023 20:07

Instrument :
 BNA_F
 ClientSampleId :
 600572408-

Tgt Ion:244 Resp: 398237
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 10.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF136602.D
 Acq: 15 Dec 2023 20:07

Tgt Ion:264 Resp: 152486
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.6 15.9 23.9

