

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136548.D
 Acq On : 13 Dec 2023 20:48
 Operator : CG\JU
 Sample : 05760-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLAB

Quant Time: Dec 14 01:45:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	78265	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	307231	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	142088	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	197395	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	155531	20.000	ng	0.00
86) Perylene-d12	15.451	264	167324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	586996	110.764	ng	0.00
7) Phenol-d6	6.440	99	762339	115.296	ng	0.00
23) Nitrobenzene-d5	7.357	82	496148	87.302	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	148737	84.898	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1006045	96.613	ng	-0.01
79) Terphenyl-d14	12.933	244	765953	64.911	ng	0.01

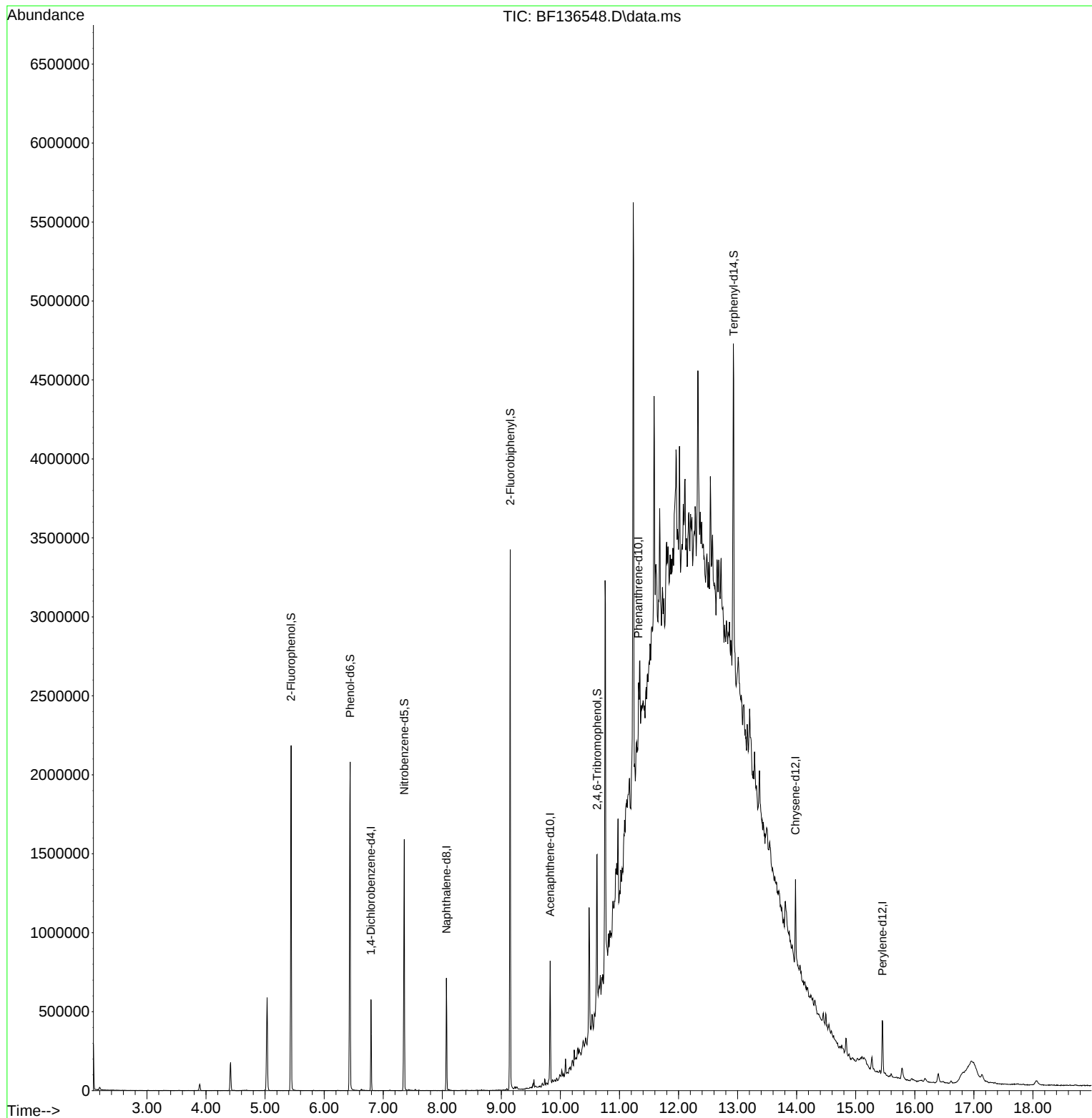
Target Compounds	Qvalue

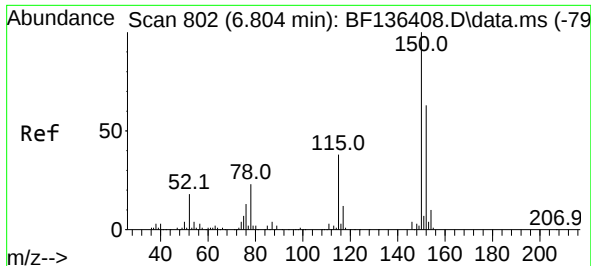
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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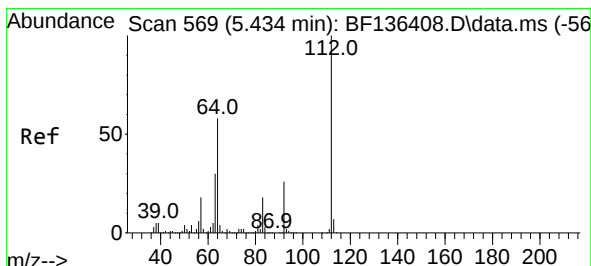
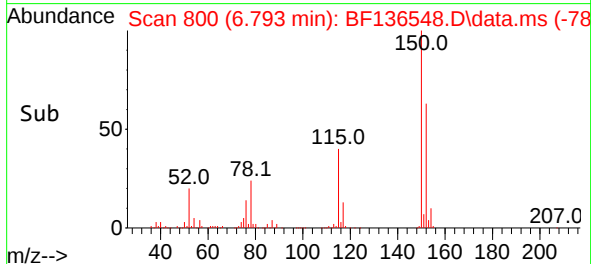
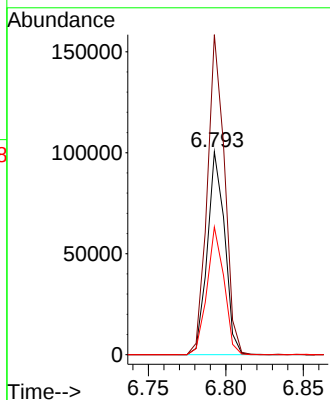
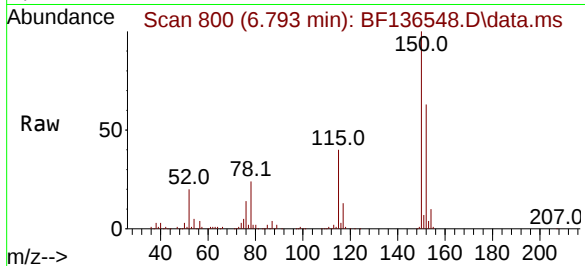




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 802
Delta R.T. -0.011 min
Lab File: BF136548.D
Acq: 13 Dec 2023 20:48

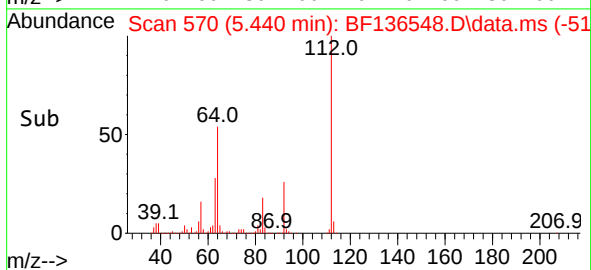
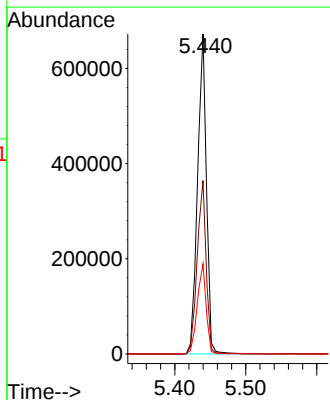
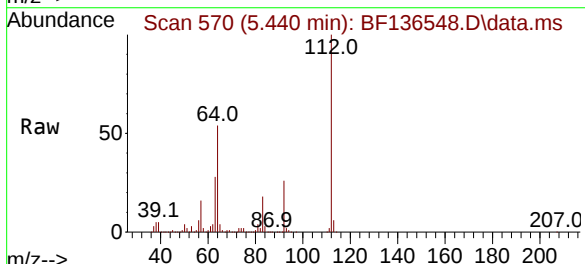
Instrument :
BNA_F
ClientSampleId :
SLAB

Tgt Ion:152 Resp: 78265
Ion Ratio Lower Upper
152 100
150 157.8 126.4 189.6
115 63.0 48.2 72.4



#5
2-Fluorophenol
Concen: 110.764 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136548.D
Acq: 13 Dec 2023 20:48

Tgt Ion:112 Resp: 586996
Ion Ratio Lower Upper
112 100
64 54.2 46.5 69.7
63 28.2 23.9 35.9

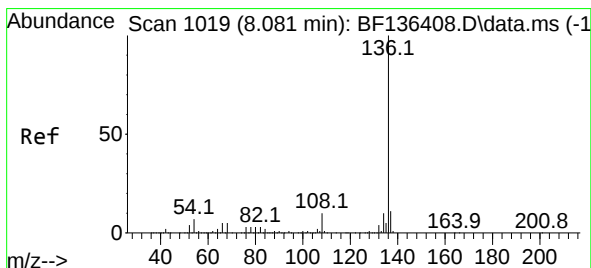
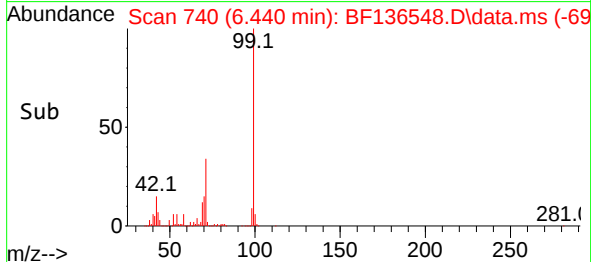
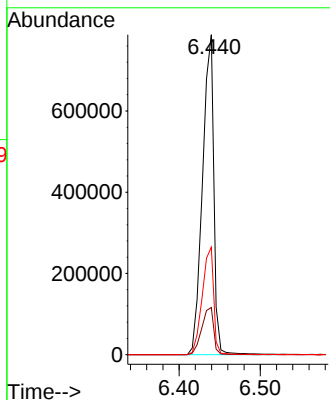
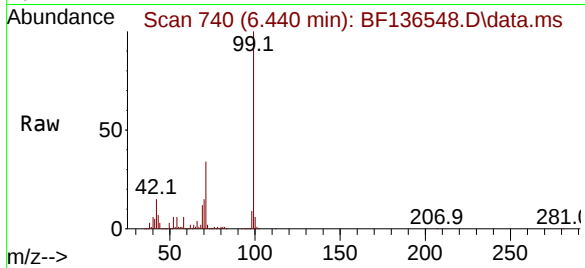




#7
Phenol-d6
Concen: 115.296 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136548.D
Acq: 13 Dec 2023 20:48

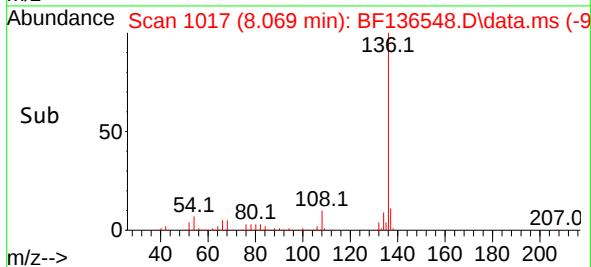
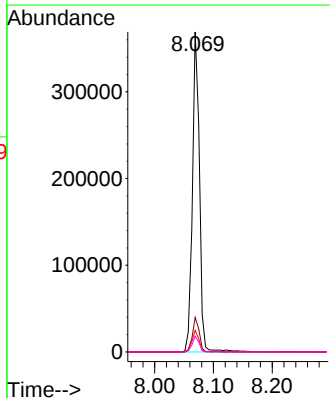
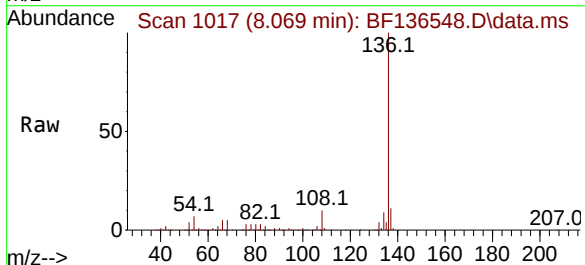
Instrument :
BNA_F
ClientSampleId :
SLAB

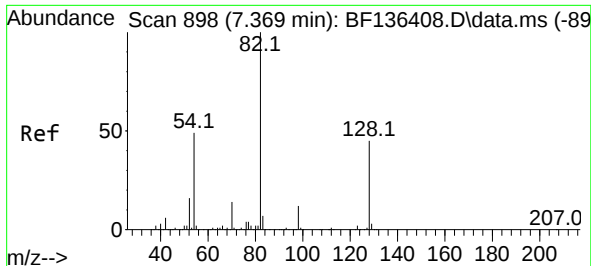
Tgt Ion: 99 Resp: 762339
Ion Ratio Lower Upper
99 100
42 14.7 12.8 19.2
71 33.6 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136548.D
Acq: 13 Dec 2023 20:48

Tgt Ion: 136 Resp: 307231
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.7 5.7 8.5
68 4.9 4.0 6.0





#23

Nitrobenzene-d5

Concen: 87.302 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136548.D

Acq: 13 Dec 2023 20:48

Instrument :

BNA_F

ClientSampleId :

SLAB

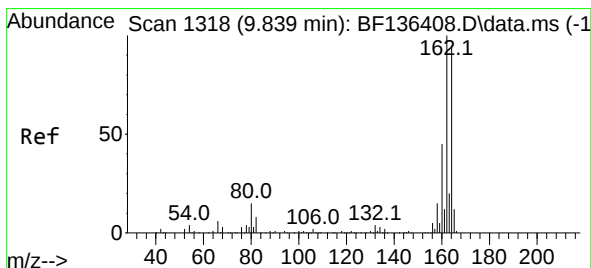
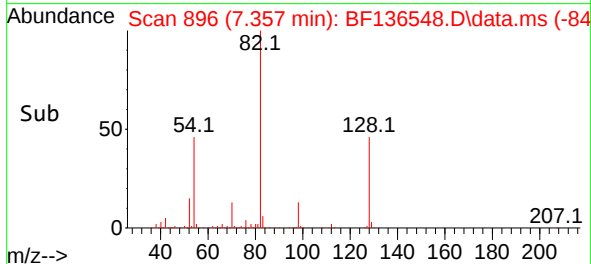
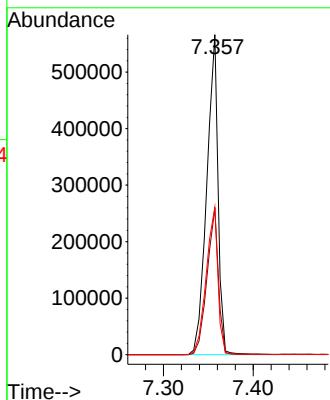
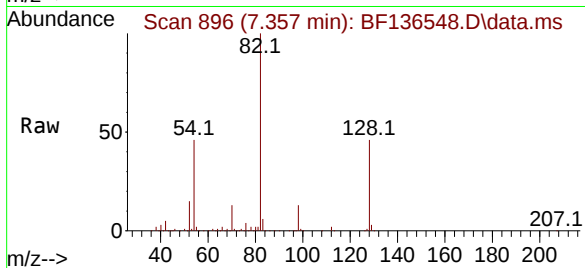
Tgt Ion: 82 Resp: 496148

Ion Ratio Lower Upper

82 100

128 45.7 36.3 54.5

54 46.1 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF136548.D

Acq: 13 Dec 2023 20:48

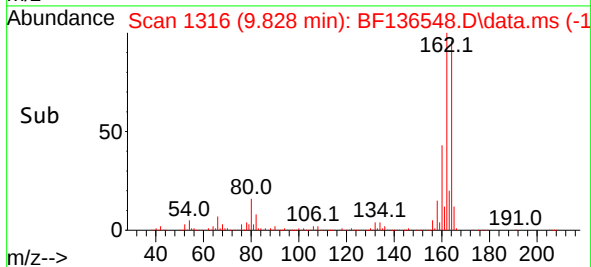
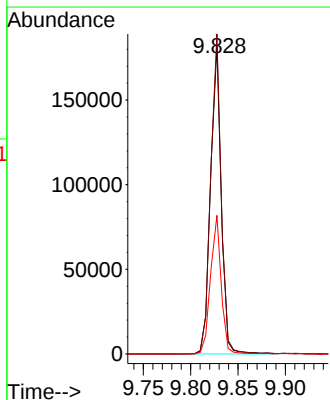
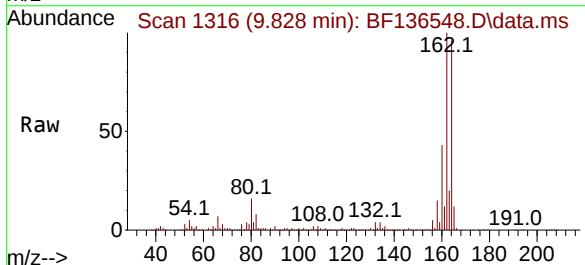
Tgt Ion:164 Resp: 142088

Ion Ratio Lower Upper

164 100

162 104.1 84.4 126.6

160 45.1 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 84.898 ng

RT: 10.622 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF136548.D

Acq: 13 Dec 2023 20:48

Instrument :

BNA_F

ClientSampleId :

SLAB

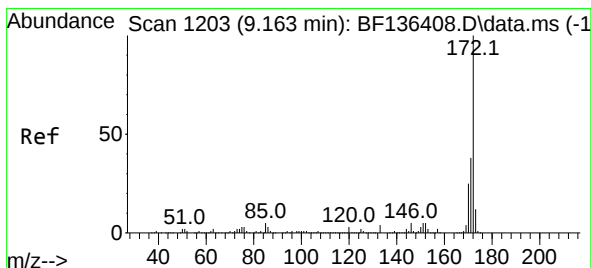
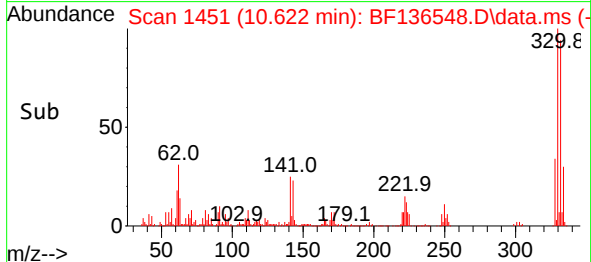
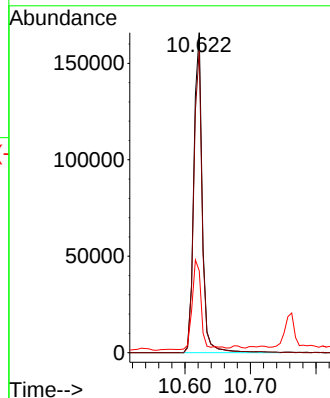
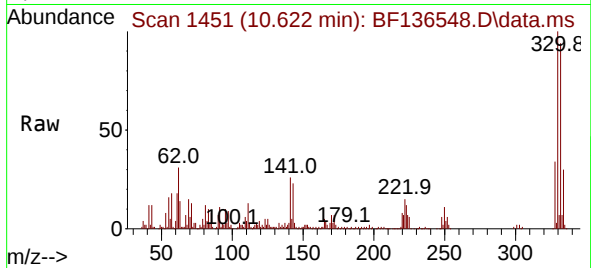
Tgt Ion:330 Resp: 148737

Ion Ratio Lower Upper

330 100

332 94.8 76.4 114.6

141 29.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 96.613 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136548.D

Acq: 13 Dec 2023 20:48

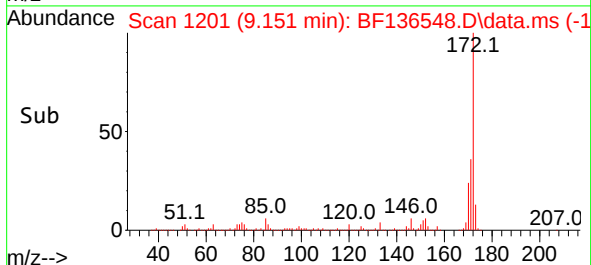
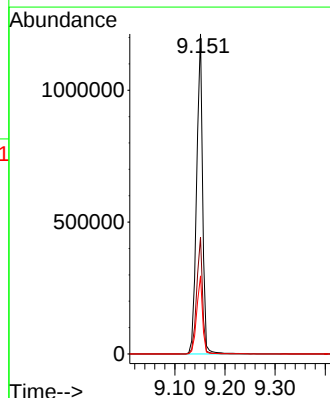
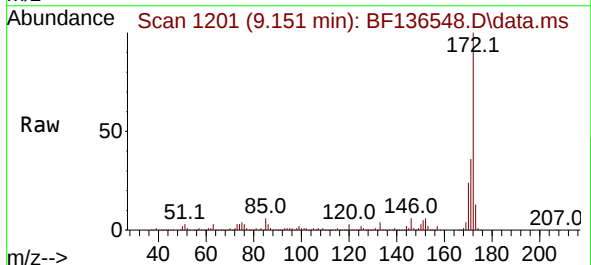
Tgt Ion:172 Resp: 1006045

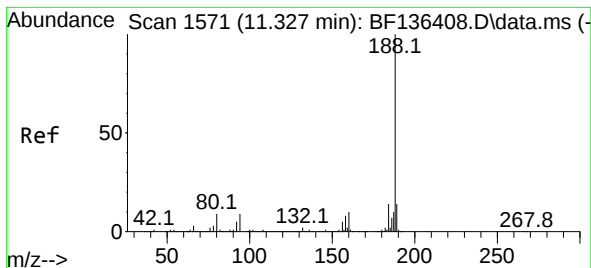
Ion Ratio Lower Upper

172 100

171 36.5 30.5 45.7

170 24.4 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136548.D

Acq: 13 Dec 2023 20:48

Instrument :

BNA_F

ClientSampleId :

SLAB

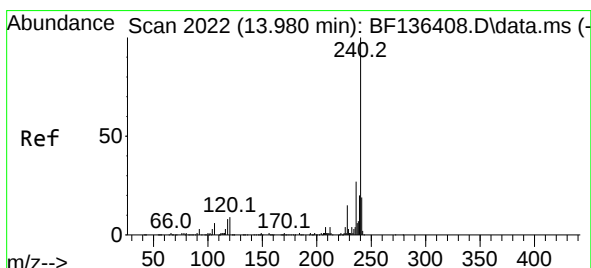
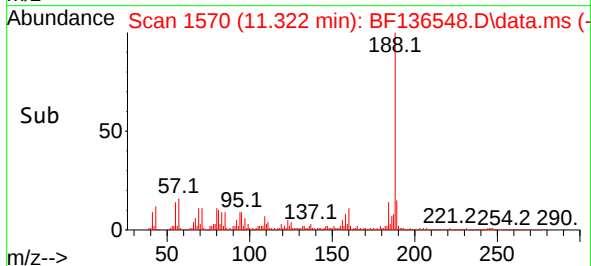
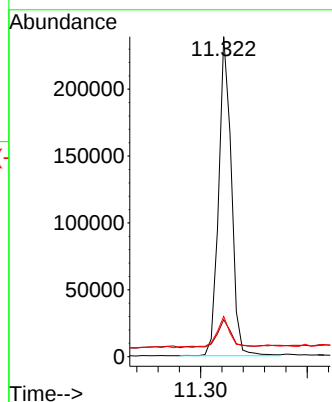
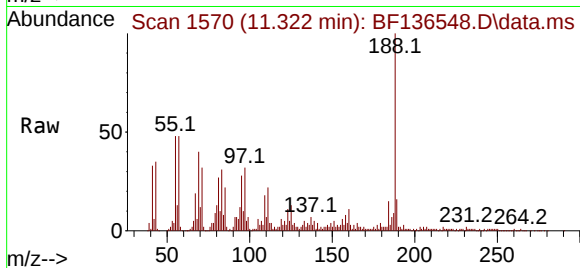
Tgt Ion:188 Resp: 197395

Ion Ratio Lower Upper

188 100

94 11.6 7.2 10.8#

80 12.6 7.2 10.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF136548.D

Acq: 13 Dec 2023 20:48

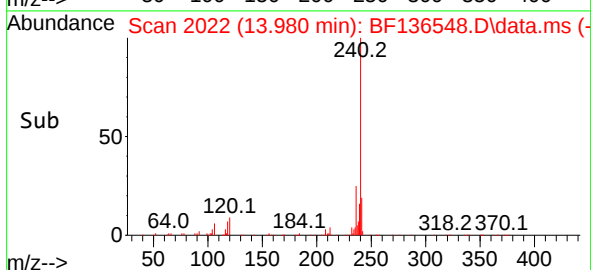
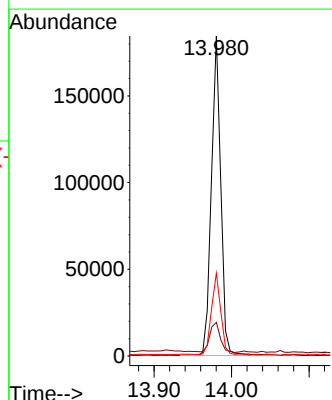
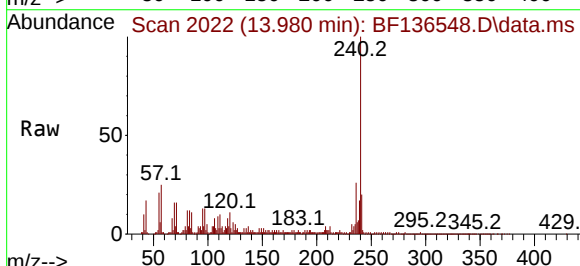
Tgt Ion:240 Resp: 155531

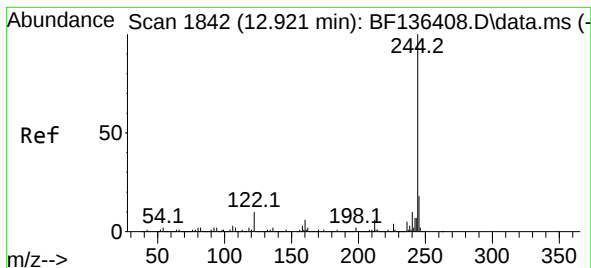
Ion Ratio Lower Upper

240 100

120 10.5 7.3 10.9

236 25.9 21.3 31.9





#79

Terphenyl-d14

Concen: 64.911 ng

RT: 12.933 min Scan# 1844

Delta R.T. 0.012 min

Lab File: BF136548.D

Acq: 13 Dec 2023 20:48

Instrument :

BNA_F

ClientSampleId :

SLAB

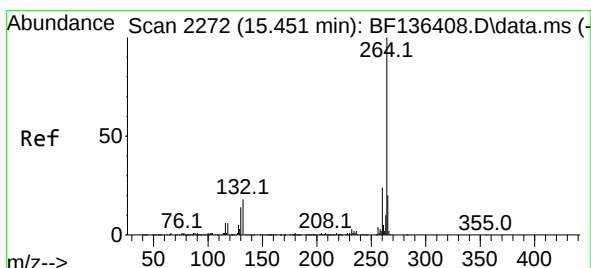
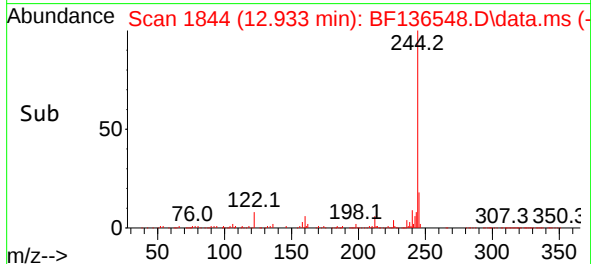
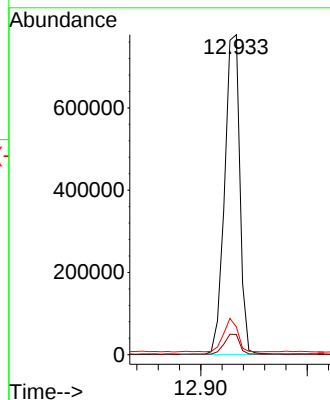
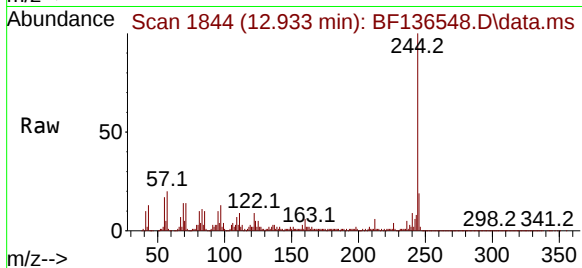
Tgt Ion:244 Resp: 765953

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 8.7 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.000 min

Lab File: BF136548.D

Acq: 13 Dec 2023 20:48

Tgt Ion:264 Resp: 167324

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.8 15.9 23.9

