

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136615.D
 Acq On : 18 Dec 2023 15:31
 Operator : CG\JU
 Sample : 05551-06RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB11272023RE

Quant Time: Dec 18 16:28:49 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	130934	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	521355	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	268825	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	475563	20.000	ng	0.00
76) Chrysene-d12	13.968	240	255076	20.000	ng	0.00
86) Perylene-d12	15.451	264	277370	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	513225	57.888	ng	0.00
7) Phenol-d6	6.428	99	454253	41.066	ng	0.00
23) Nitrobenzene-d5	7.351	82	654002	67.815	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	349659	105.489	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1390346	70.571	ng	0.00
79) Terphenyl-d14	12.916	244	1518166	78.448	ng	0.00

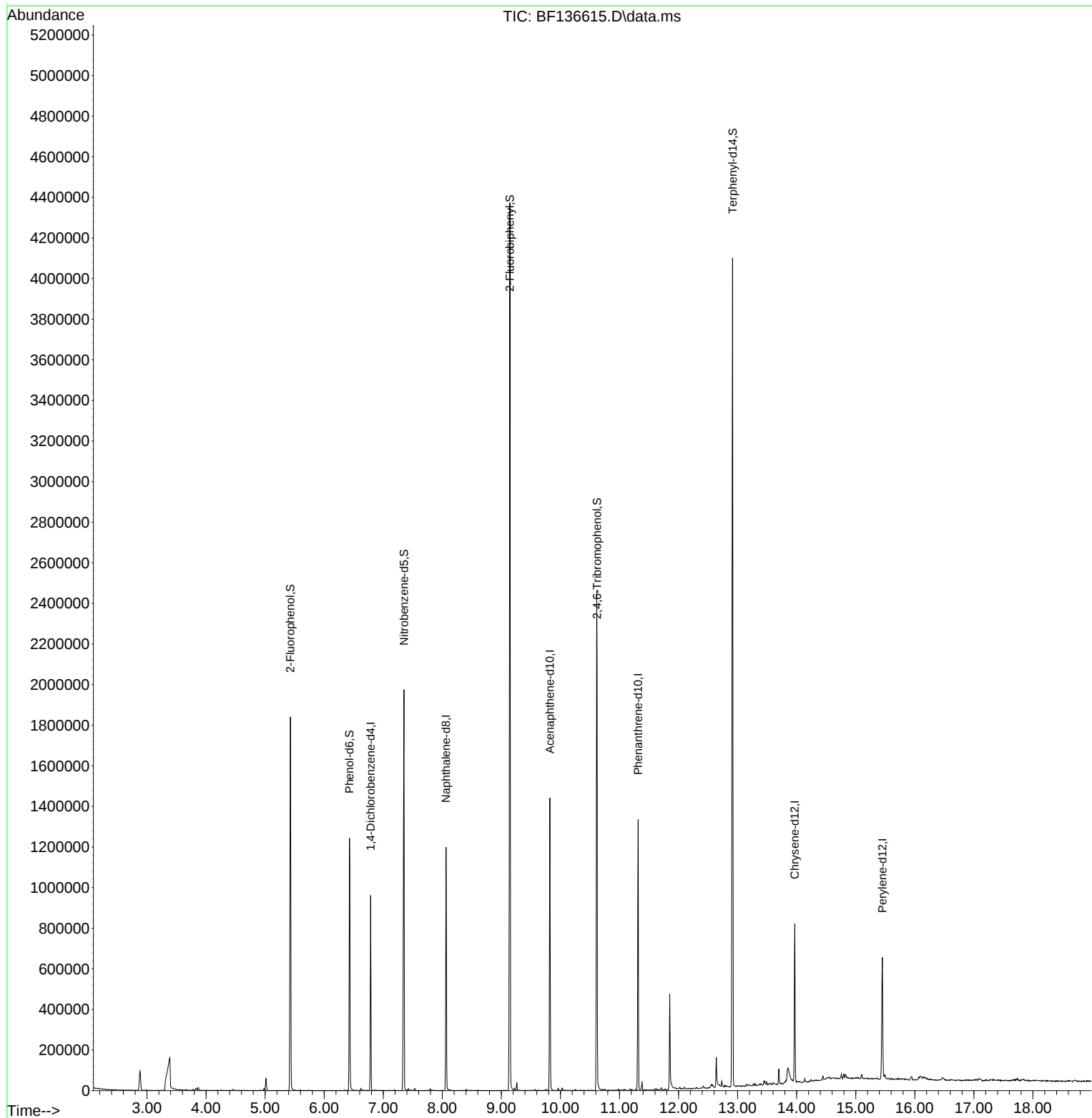
Target Compounds	Qvalue

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

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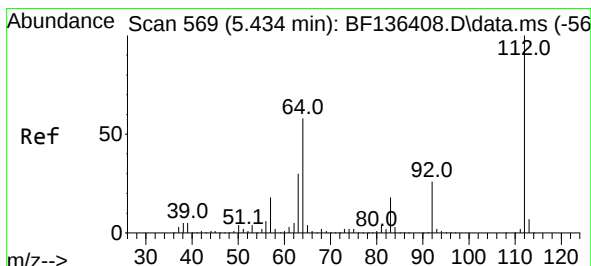
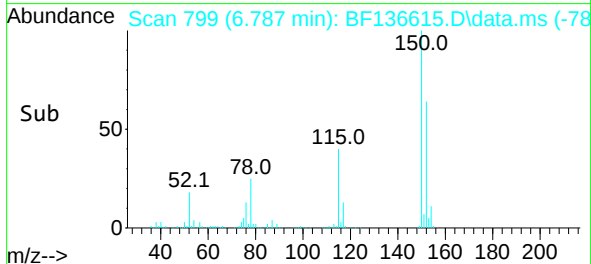
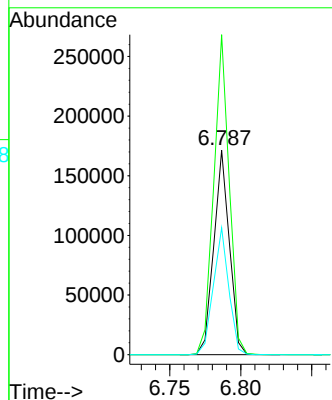
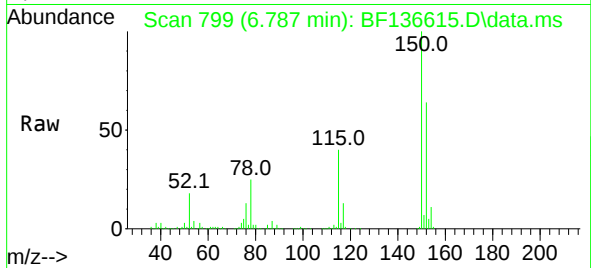




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF136615.D
Acq: 18 Dec 2023 15:31

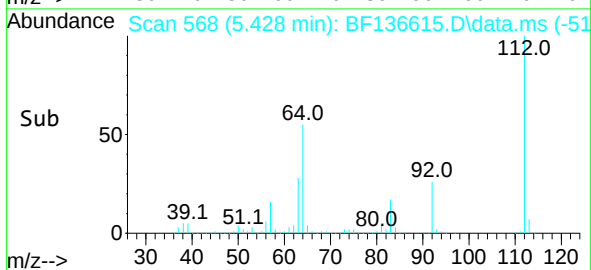
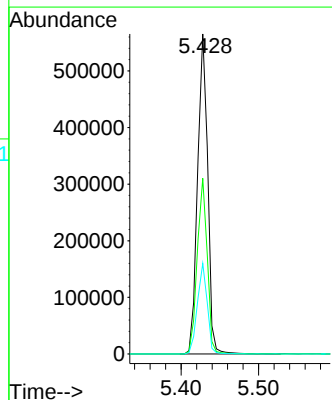
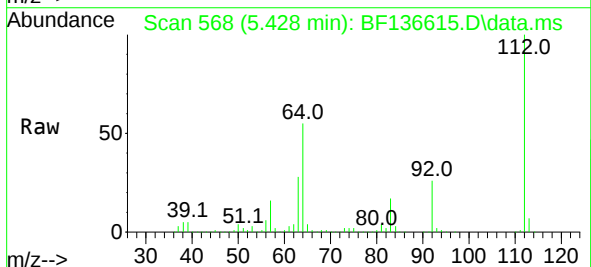
Instrument :
BNA_F
ClientSampleId :
FB11272023RE

Tgt Ion:152 Resp: 130934
Ion Ratio Lower Upper
152 100
150 156.5 126.4 189.6
115 62.0 48.2 72.4



#5
2-Fluorophenol
Concen: 57.888 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF136615.D
Acq: 18 Dec 2023 15:31

Tgt Ion:112 Resp: 513225
Ion Ratio Lower Upper
112 100
64 54.9 46.5 69.7
63 28.3 23.9 35.9

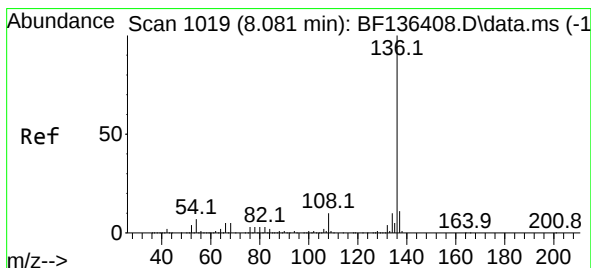
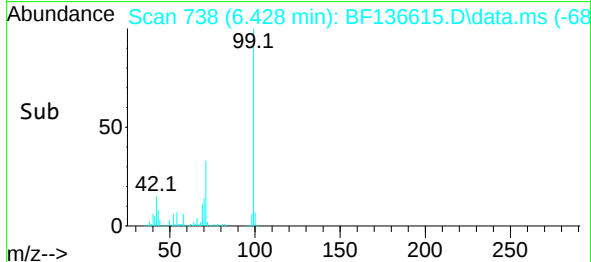
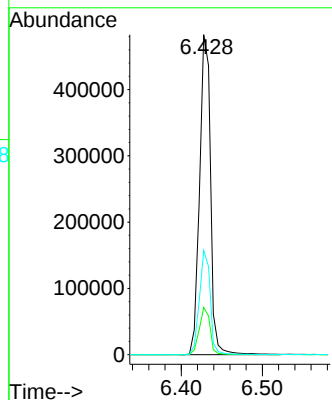
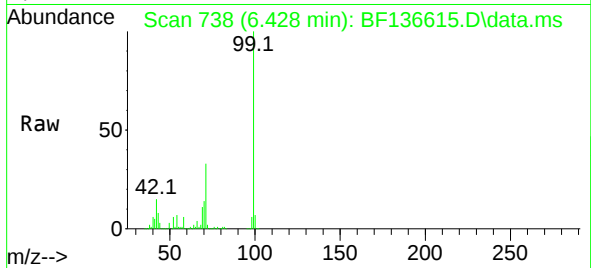




#7
Phenol-d6
Concen: 41.066 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136615.D
Acq: 18 Dec 2023 15:31

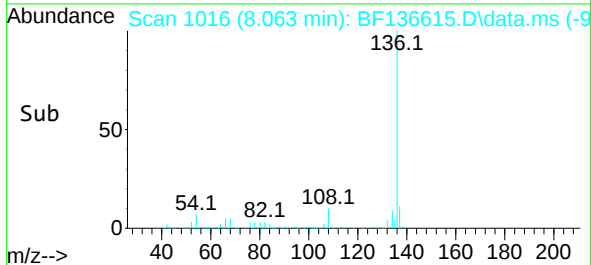
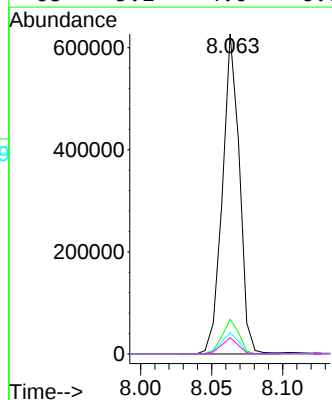
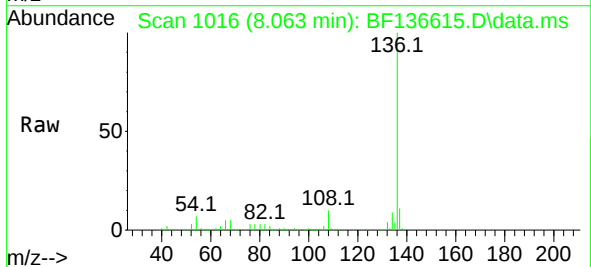
Instrument :
BNA_F
ClientSampleId :
FB11272023RE

Tgt Ion: 99 Resp: 454253
Ion Ratio Lower Upper
99 100
42 14.8 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: BF136615.D
Acq: 18 Dec 2023 15:31

Tgt Ion: 136 Resp: 521355
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.7 5.7 8.5
68 5.1 4.0 6.0





#23

Nitrobenzene-d5

Concen: 67.815 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136615.D

Acq: 18 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

FB11272023RE

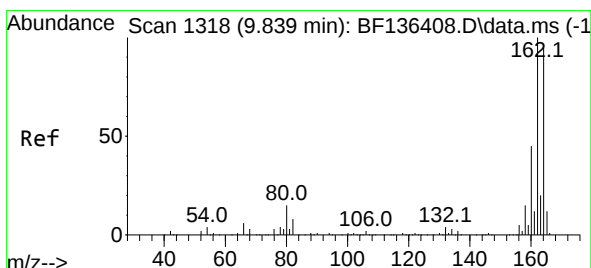
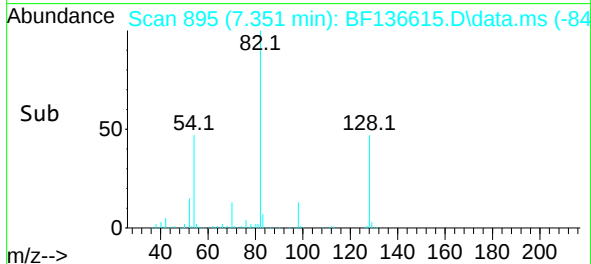
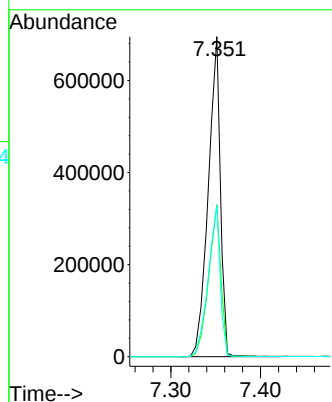
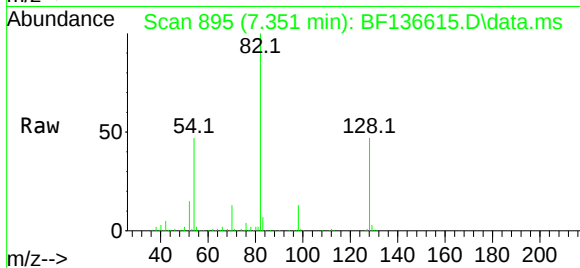
Tgt Ion: 82 Resp: 654002

Ion Ratio Lower Upper

82 100

128 47.5 36.3 54.5

54 47.2 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: BF136615.D

Acq: 18 Dec 2023 15:31

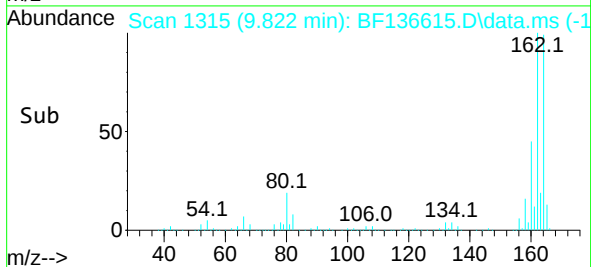
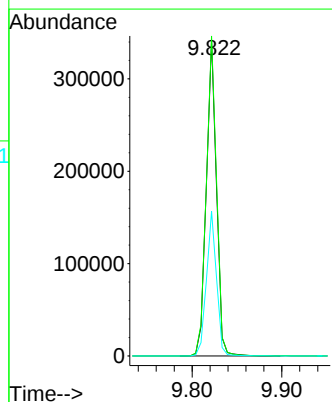
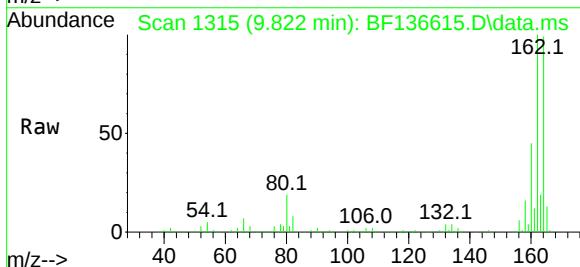
Tgt Ion: 164 Resp: 268825

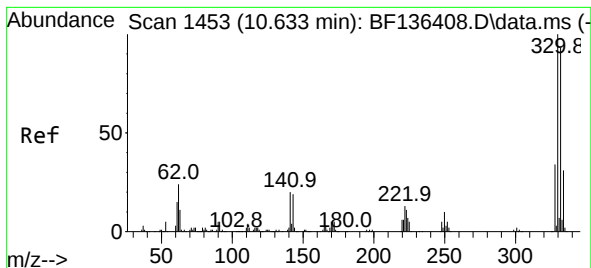
Ion Ratio Lower Upper

164 100

162 101.2 84.4 126.6

160 45.8 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 105.489 ng

RT: 10.622 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF136615.D

Acq: 18 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

FB11272023RE

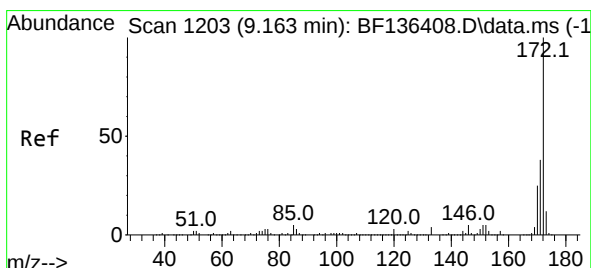
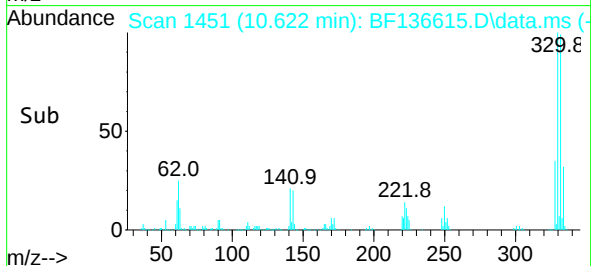
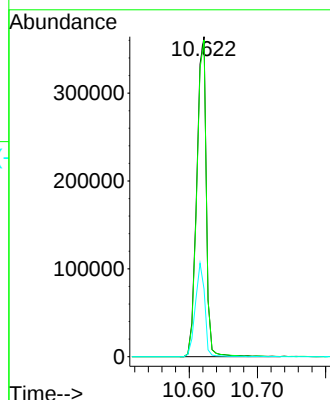
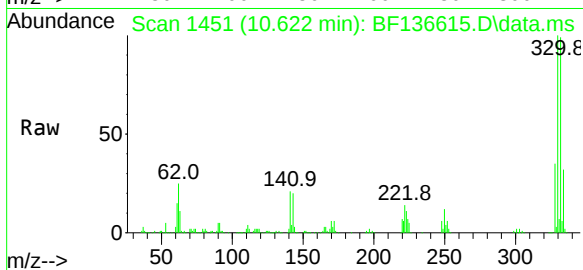
Tgt Ion:330 Resp: 349659

Ion Ratio Lower Upper

330 100

332 98.2 76.4 114.6

141 28.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 70.571 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF136615.D

Acq: 18 Dec 2023 15:31

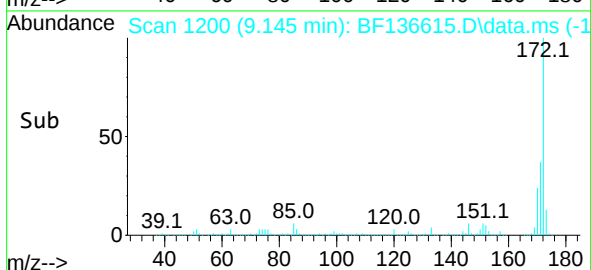
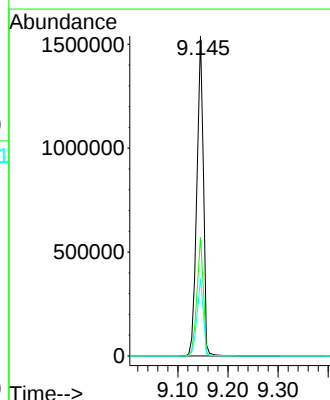
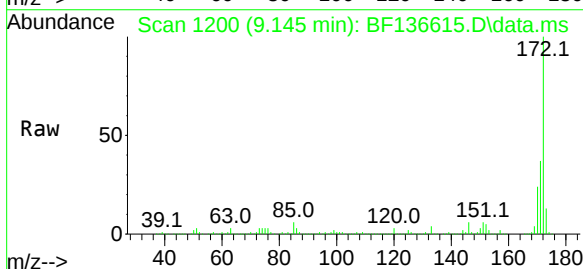
Tgt Ion:172 Resp: 1390346

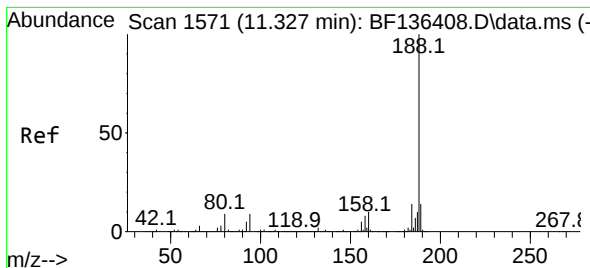
Ion Ratio Lower Upper

172 100

171 37.2 30.5 45.7

170 24.2 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136615.D

Acq: 18 Dec 2023 15:31

Instrument :

BNA_F

ClientSampleId :

FB11272023RE

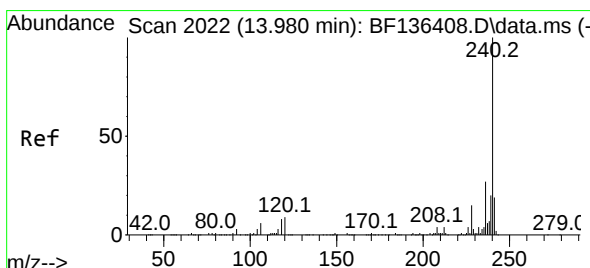
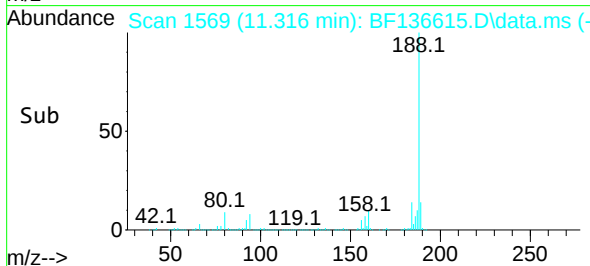
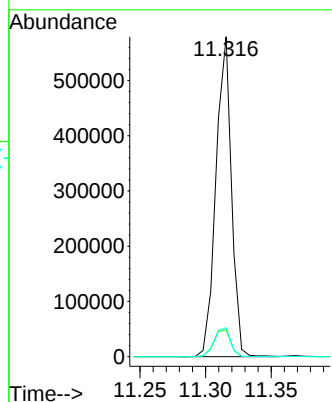
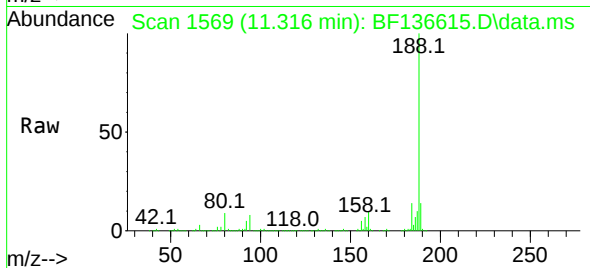
Tgt Ion:188 Resp: 475563

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

80 9.1 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.000 min

Lab File: BF136615.D

Acq: 18 Dec 2023 15:31

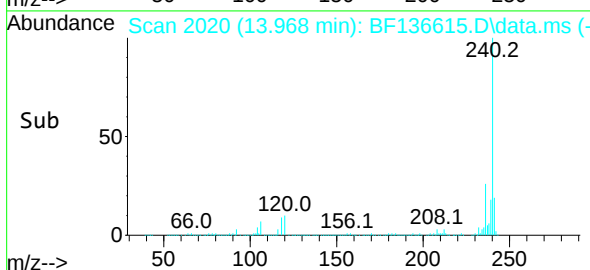
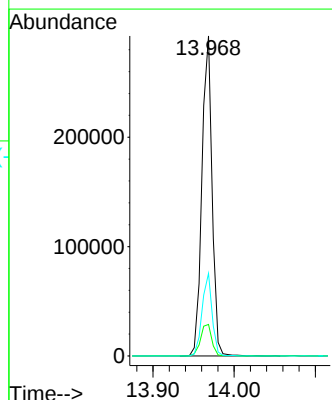
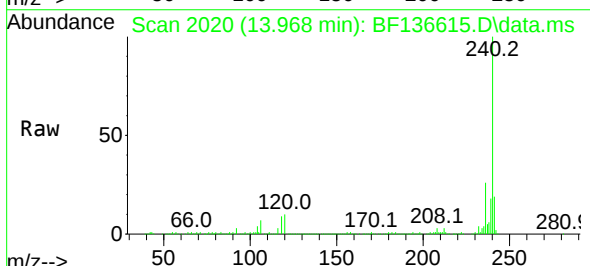
Tgt Ion:240 Resp: 255076

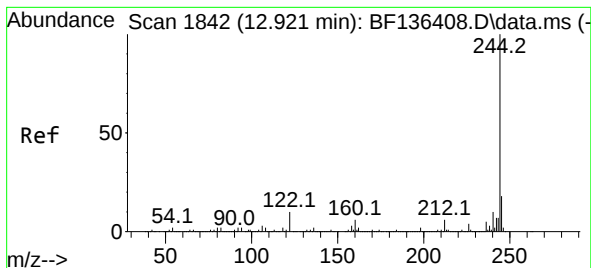
Ion Ratio Lower Upper

240 100

120 9.8 7.3 10.9

236 25.8 21.3 31.9





#79

Terphenyl-d14

Concen: 78.448 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.006 min

Lab File: BF136615.D

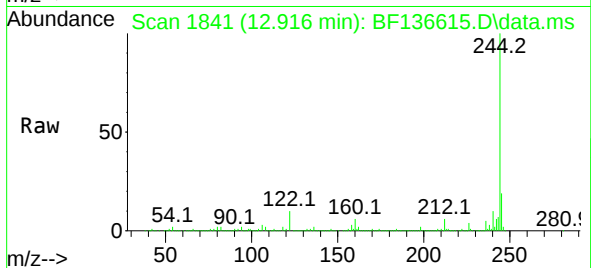
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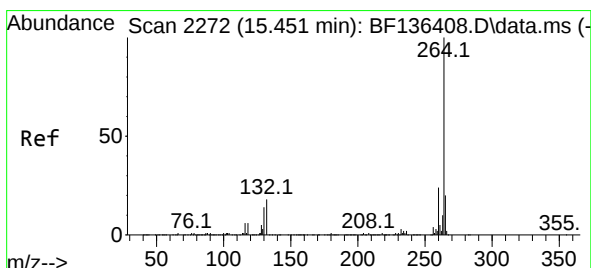
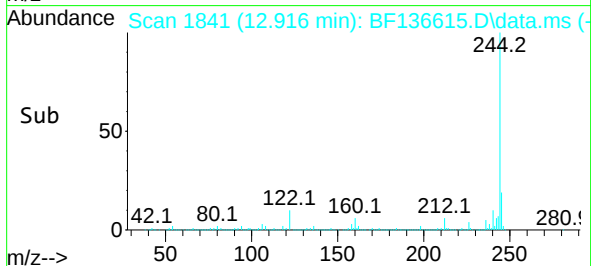
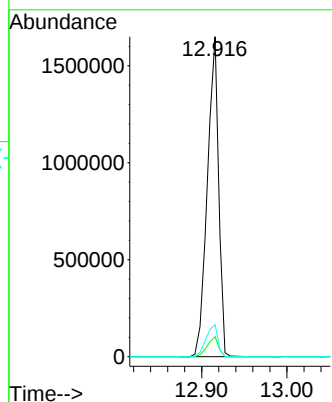
Tgt Ion:244 Resp: 1518166

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 10.0 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.012 min

Lab File: BF136615.D

Acq: 18 Dec 2023 15:31

Tgt Ion:264 Resp: 277370

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 20.9 15.9 23.9

