

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136547.D
 Acq On : 13 Dec 2023 20:16
 Operator : CG\JU
 Sample : 05551-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB11272023

Quant Time: Dec 14 01:44:51 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	6.792	152	122870	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	476036	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	238114	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	410616	20.000	ng	0.00
76) Chrysene-d12	13.968	240	240698	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	225178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	493360	59.299	ng	0.00
7) Phenol-d6	6.434	99	424125	40.859	ng	-0.01
23) Nitrobenzene-d5	7.357	82	616246	69.983	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	312990	106.606	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1254919	71.913	ng	-0.01
79) Terphenyl-d14	12.921	244	1325839	72.602	ng	0.00

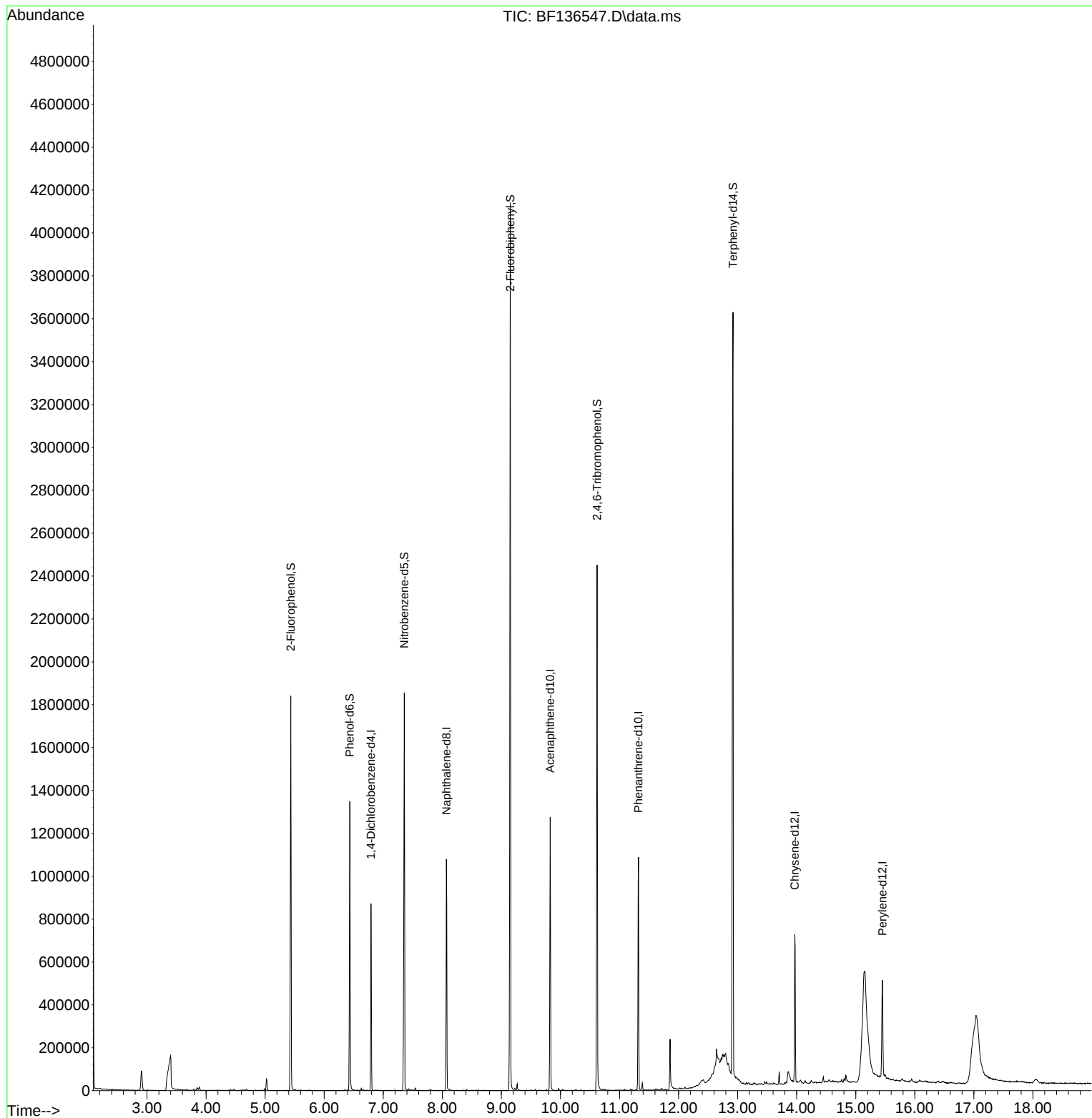
Target Compounds	Qvalue

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

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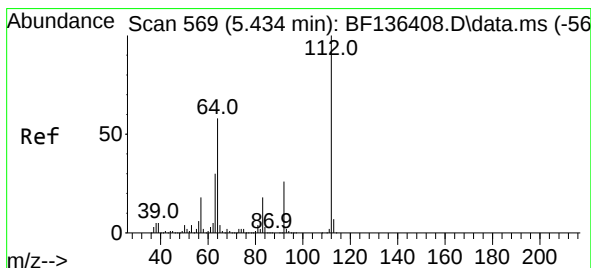
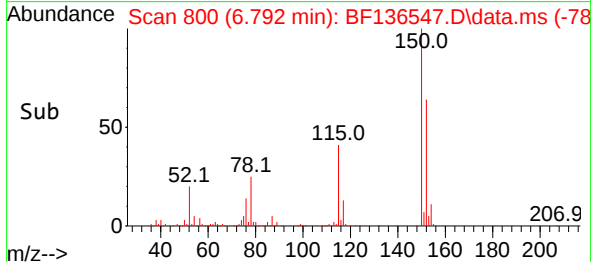
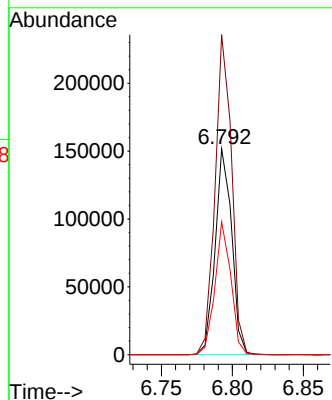
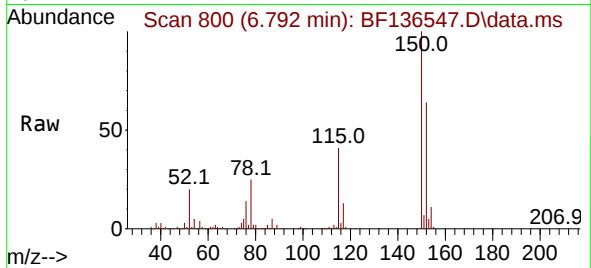




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 802
 Delta R.T. -0.012 min
 Lab File: BF136547.D
 Acq: 13 Dec 2023 20:16

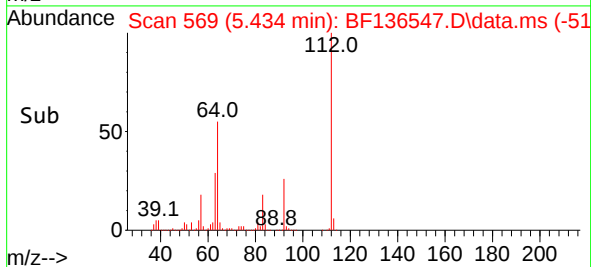
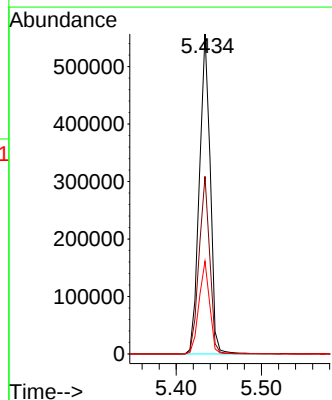
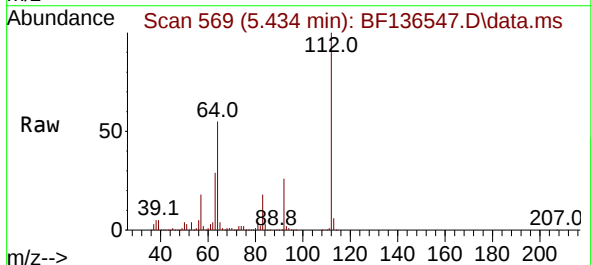
Instrument :
 BNA_F
 ClientSampleId :
 FB11272023

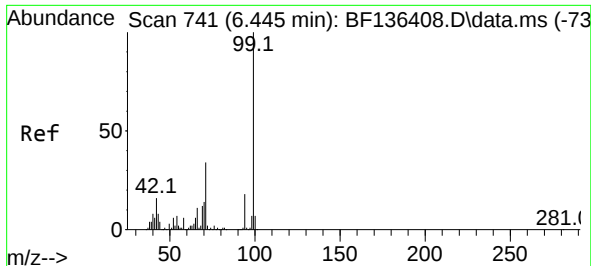
Tgt Ion:152 Resp: 122870
 Ion Ratio Lower Upper
 152 100
 150 155.4 126.4 189.6
 115 64.5 48.2 72.4



#5
 2-Fluorophenol
 Concen: 59.299 ng
 RT: 5.434 min Scan# 569
 Delta R.T. -0.000 min
 Lab File: BF136547.D
 Acq: 13 Dec 2023 20:16

Tgt Ion:112 Resp: 493360
 Ion Ratio Lower Upper
 112 100
 64 55.5 46.5 69.7
 63 29.0 23.9 35.9

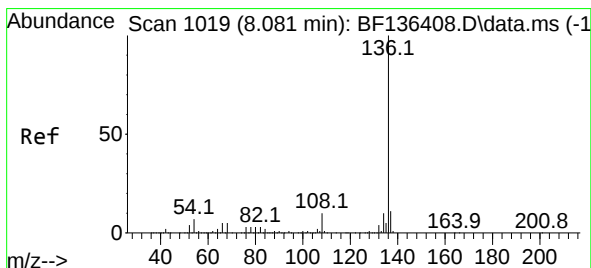
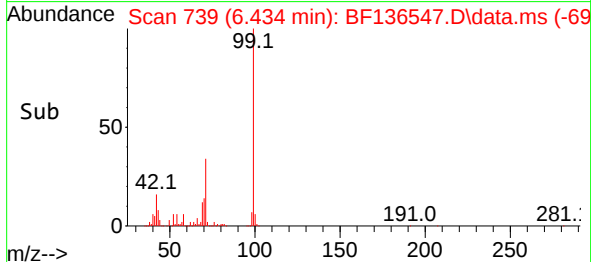
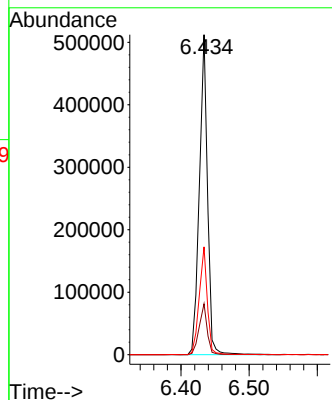
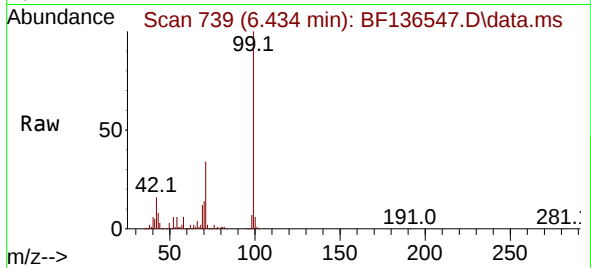




#7
Phenol-d6
Concen: 40.859 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136547.D
Acq: 13 Dec 2023 20:16

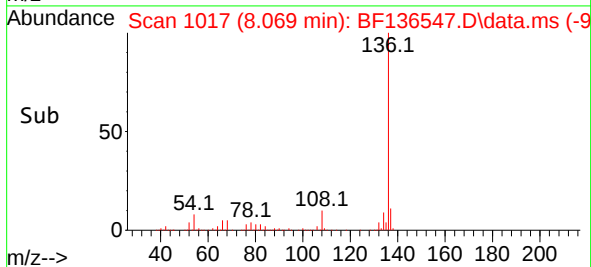
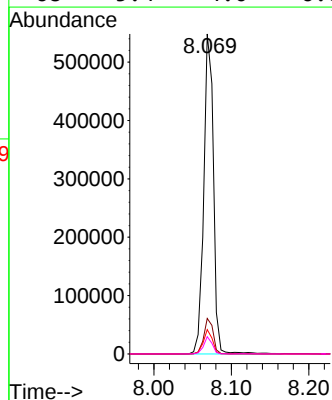
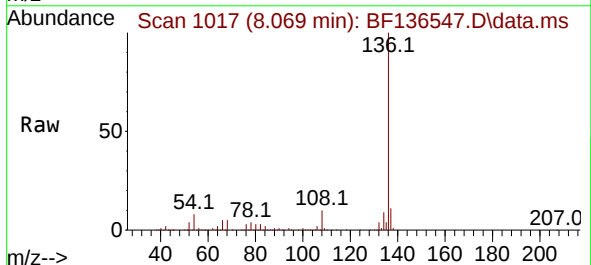
Instrument :
BNA_F
ClientSampleId :
FB11272023

Tgt Ion: 99 Resp: 424125
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 33.7 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: BF136547.D
Acq: 13 Dec 2023 20:16

Tgt Ion: 136 Resp: 476036
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.6 5.7 8.5
68 5.4 4.0 6.0





#23

Nitrobenzene-d5

Concen: 69.983 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136547.D

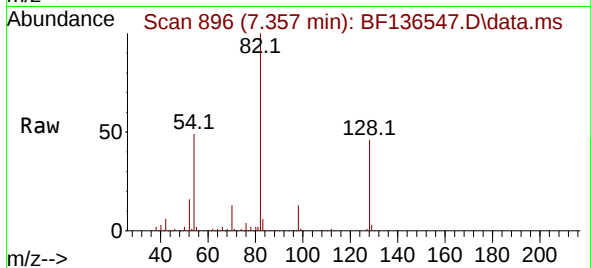
Acq: 13 Dec 2023 20:16

Instrument :

BNA_F

ClientSampleId :

FB11272023



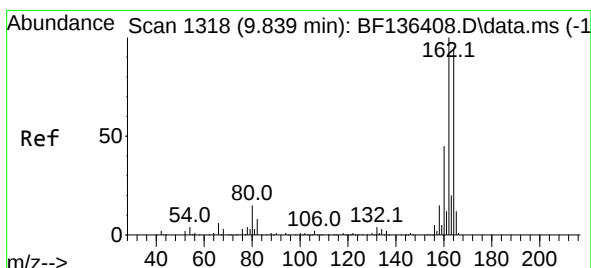
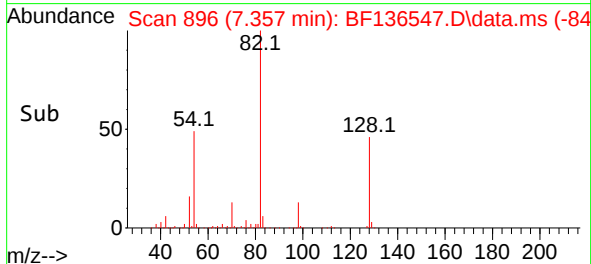
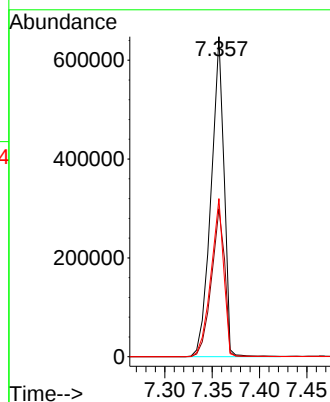
Tgt Ion: 82 Resp: 616246

Ion Ratio Lower Upper

82 100

128 46.2 36.3 54.5

54 49.4 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: BF136547.D

Acq: 13 Dec 2023 20:16

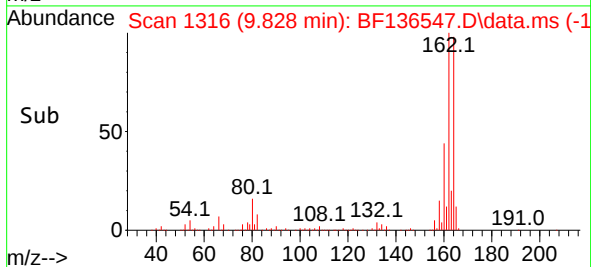
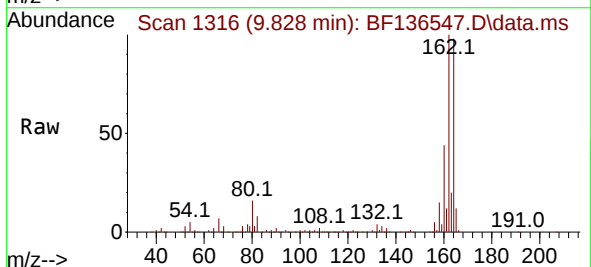
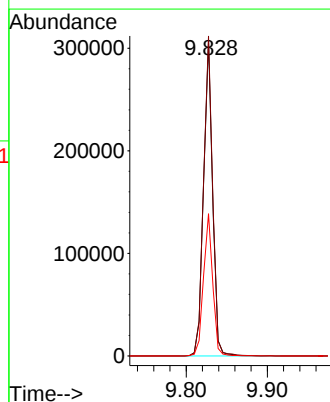
Tgt Ion: 164 Resp: 238114

Ion Ratio Lower Upper

164 100

162 101.6 84.4 126.6

160 45.2 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 106.606 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136547.D

Acq: 13 Dec 2023 20:16

Instrument :

BNA_F

ClientSampleId :

FB11272023

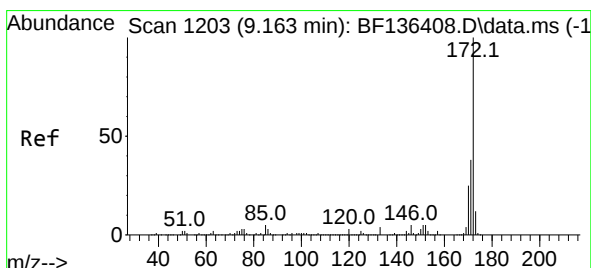
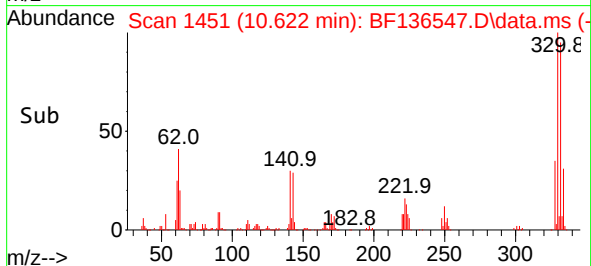
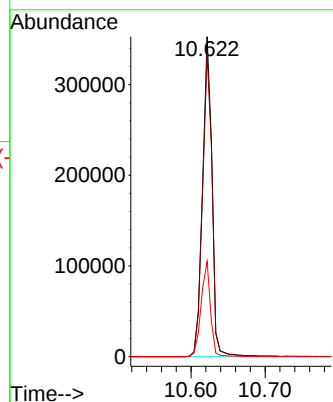
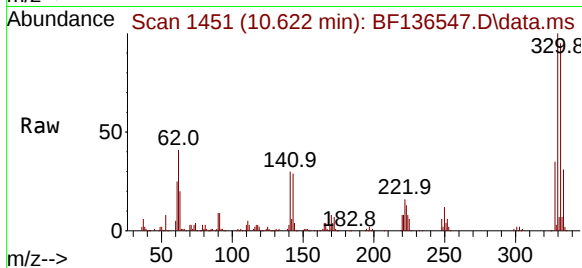
Tgt Ion:330 Resp: 312990

Ion Ratio Lower Upper

330 100

332 95.8 76.4 114.6

141 29.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 71.913 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136547.D

Acq: 13 Dec 2023 20:16

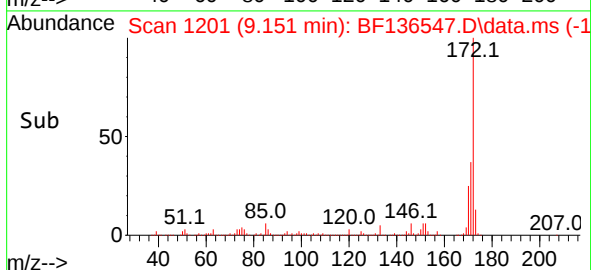
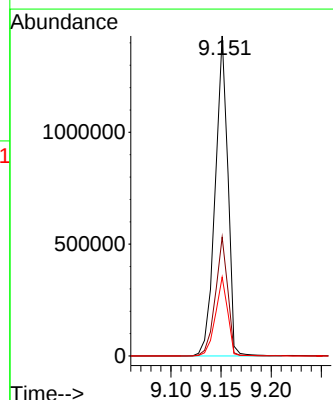
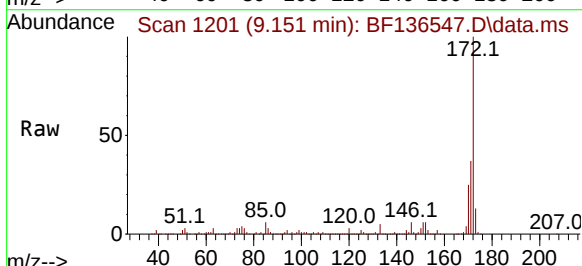
Tgt Ion:172 Resp: 1254919

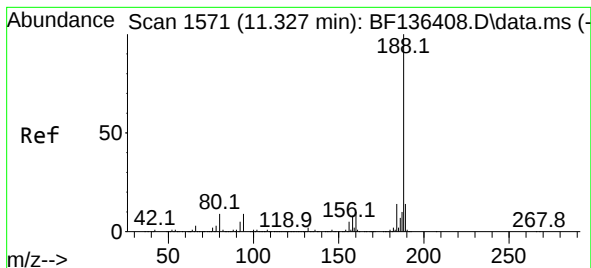
Ion Ratio Lower Upper

172 100

171 37.2 30.5 45.7

170 24.7 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: BF136547.D

Acq: 13 Dec 2023 20:16

Instrument :

BNA_F

ClientSampleId :

FB11272023

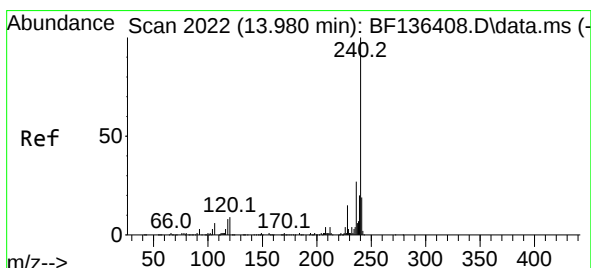
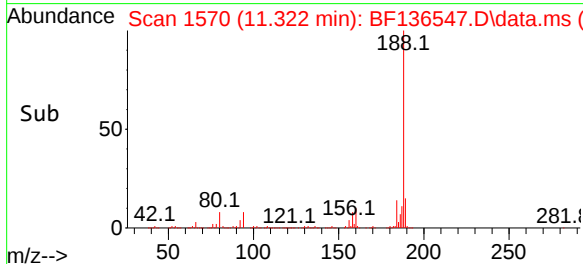
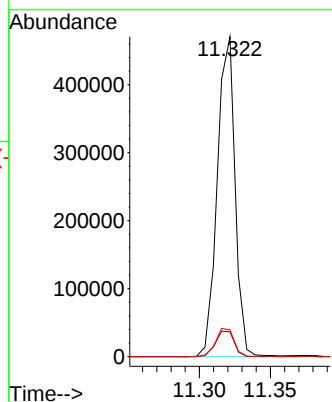
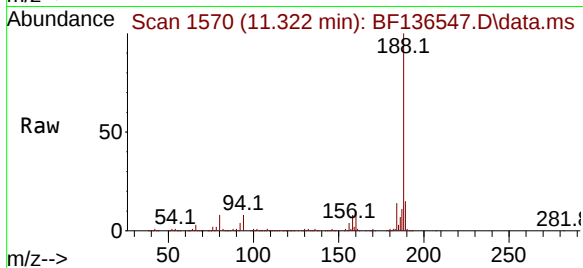
Tgt Ion:188 Resp: 410616

Ion Ratio Lower Upper

188 100

94 7.7 7.2 10.8

80 8.4 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.012 min

Lab File: BF136547.D

Acq: 13 Dec 2023 20:16

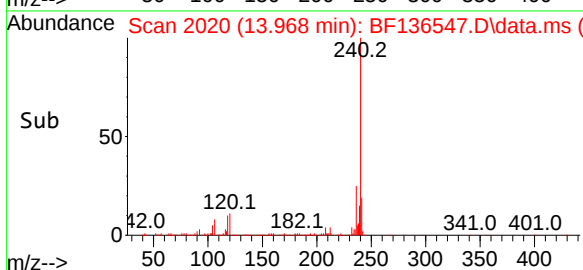
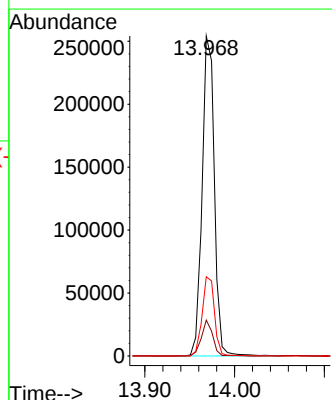
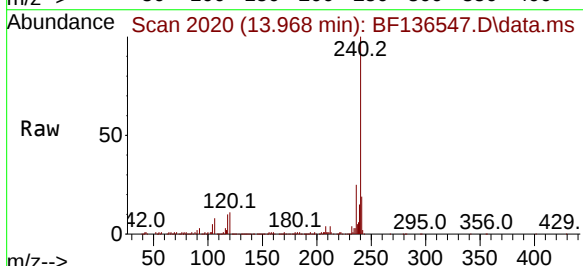
Tgt Ion:240 Resp: 240698

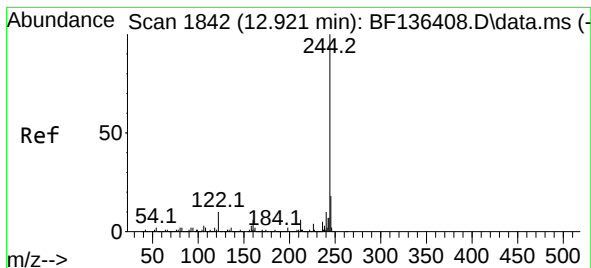
Ion Ratio Lower Upper

240 100

120 11.2 7.3 10.9#

236 24.7 21.3 31.9





#79

Terphenyl-d14

Concen: 72.602 ng

RT: 12.921 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136547.D

Acq: 13 Dec 2023 20:16

Instrument :

BNA_F

ClientSampleId :

FB11272023

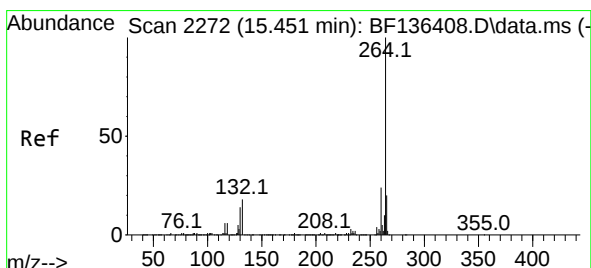
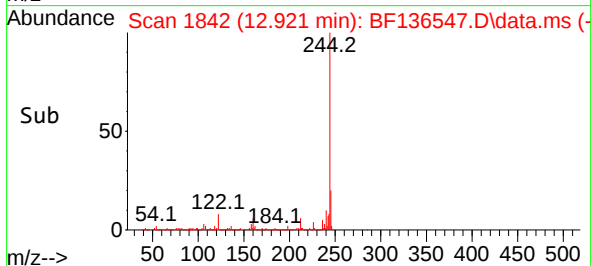
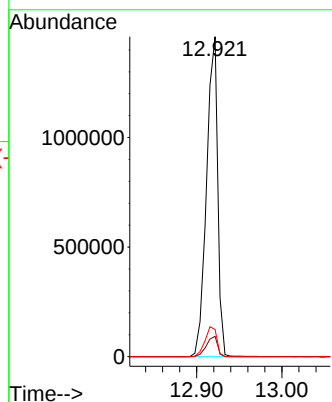
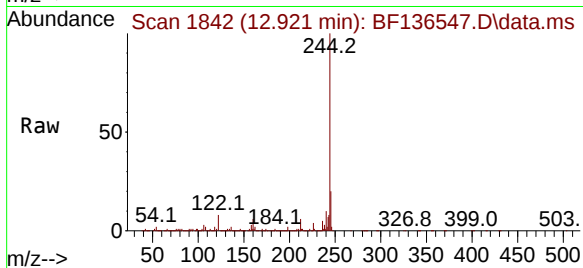
Tgt Ion:244 Resp: 1325839

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 8.5 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: BF136547.D

Acq: 13 Dec 2023 20:16

Tgt Ion:264 Resp: 225178

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

265 20.7 15.9 23.9

