

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136678.D
 Acq On : 22 Dec 2023 10:34
 Operator : CG\JU
 Sample : PB157642BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157642BL

Quant Time: Dec 22 10:57:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	75650	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	293142	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	153329	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	312120	20.000	ng	0.00
76) Chrysene-d12	13.963	240	213016	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	171287	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	585734	120.808	ng	0.00
7) Phenol-d6	6.428	99	752810	119.827	ng	-0.01
23) Nitrobenzene-d5	7.345	82	466012	81.347	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	217756	120.588	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	925593	81.192	ng	-0.01
79) Terphenyl-d14	12.910	244	1098339	72.055	ng	0.00

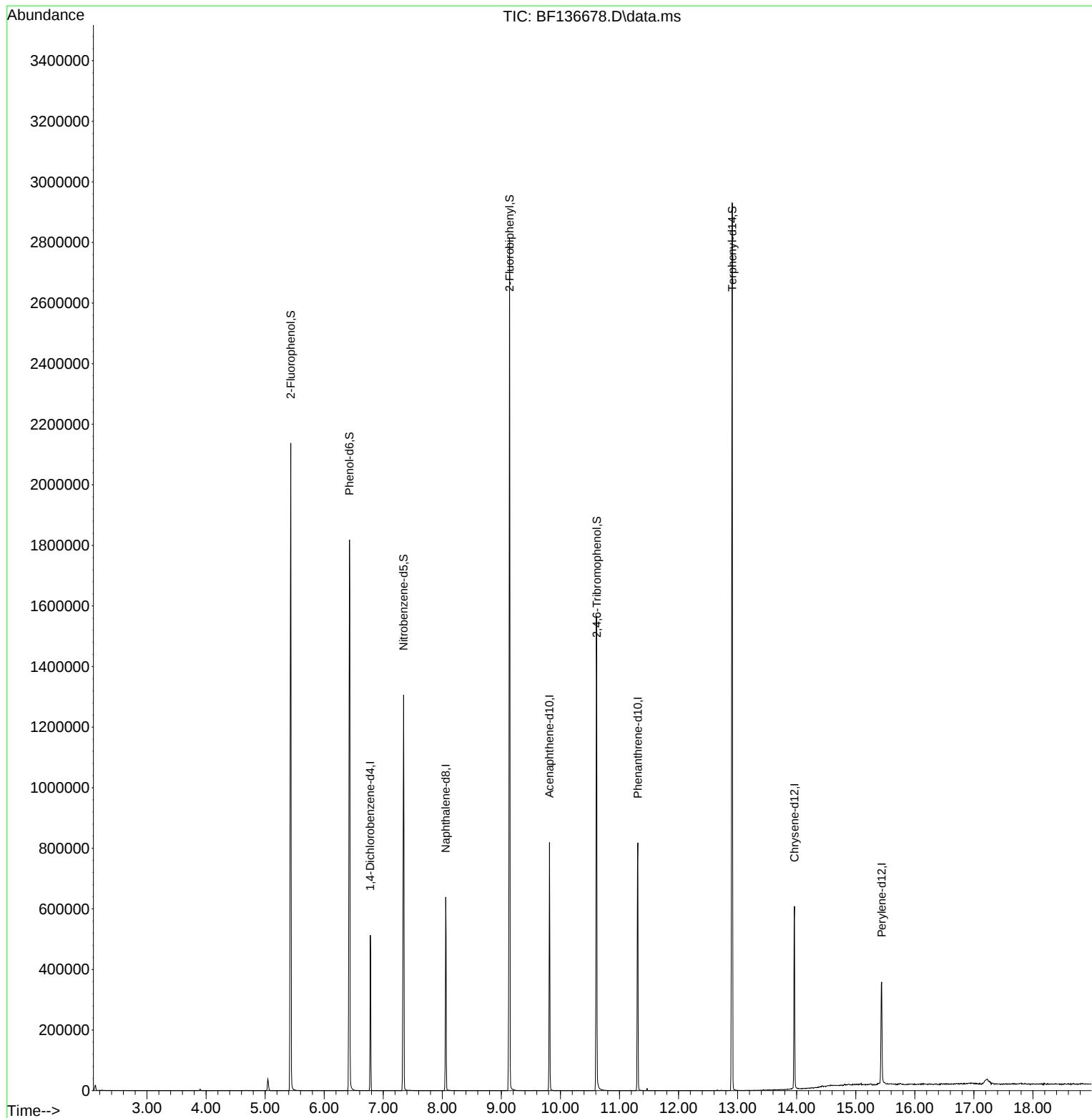
Target Compounds	Qvalue

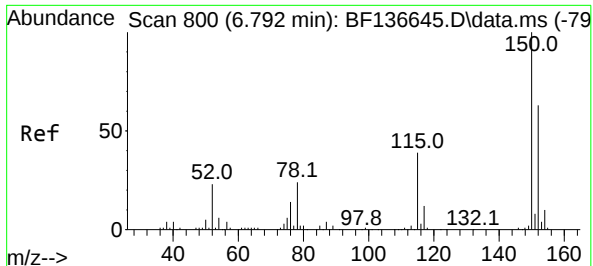
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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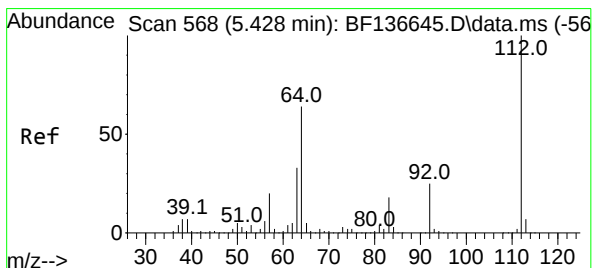
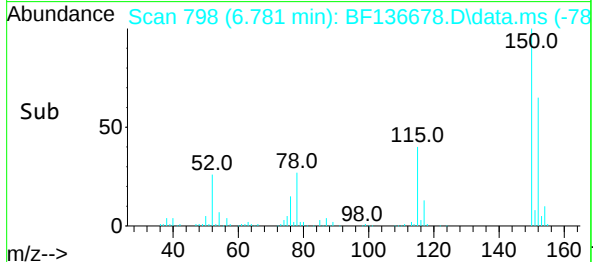
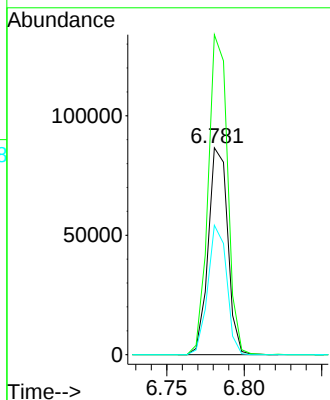
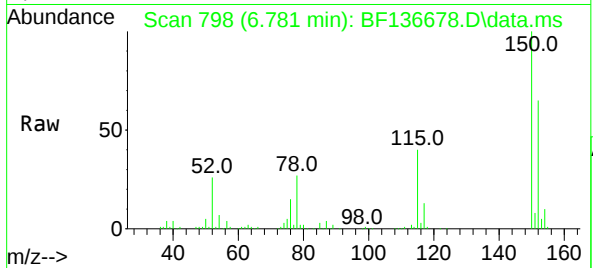




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136678.D
Acq: 22 Dec 2023 10:34

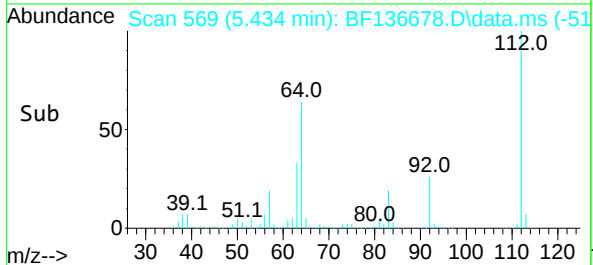
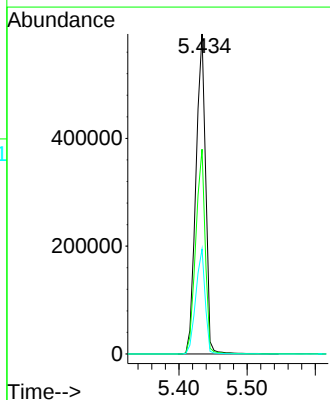
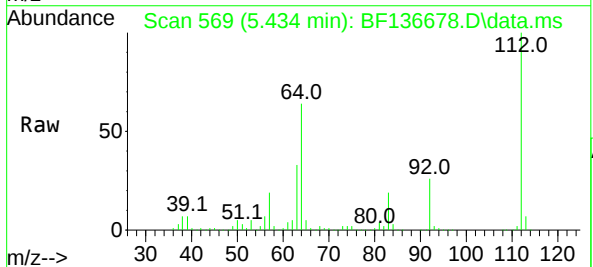
Instrument :
BNA_F
ClientSampleId :
PB157642BL

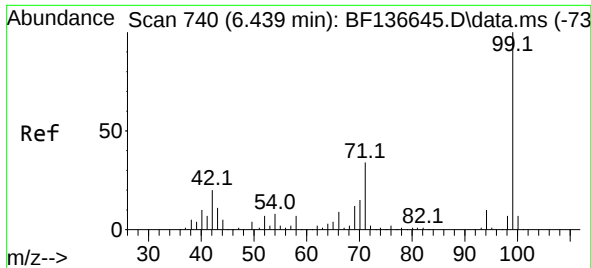
Tgt Ion:152 Resp: 75650
Ion Ratio Lower Upper
152 100
150 154.7 127.0 190.6
115 62.6 49.0 73.4



#5
2-Fluorophenol
Concen: 120.808 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136678.D
Acq: 22 Dec 2023 10:34

Tgt Ion:112 Resp: 585734
Ion Ratio Lower Upper
112 100
64 64.0 51.1 76.7
63 32.8 26.1 39.1

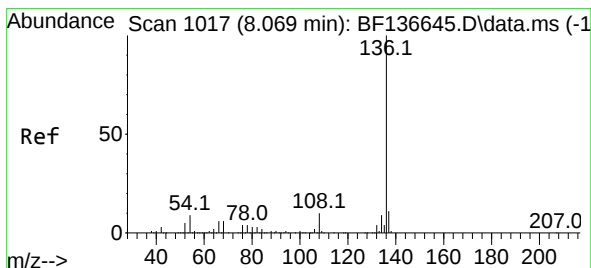
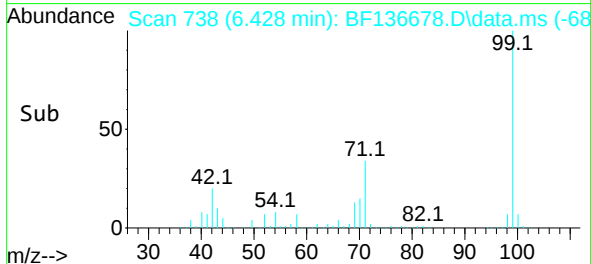
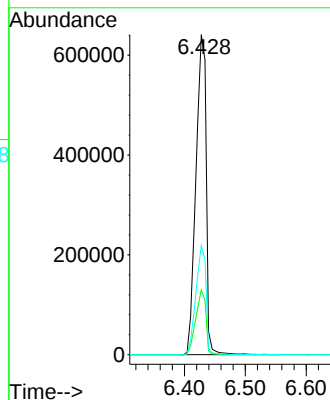
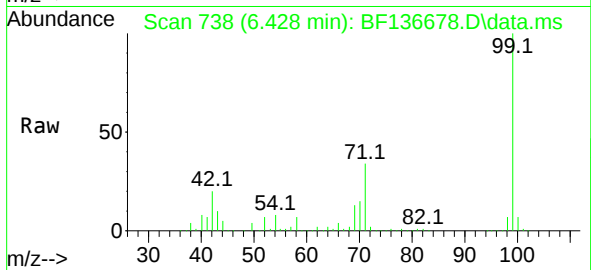




#7
Phenol-d6
Concen: 119.827 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136678.D
Acq: 22 Dec 2023 10:34

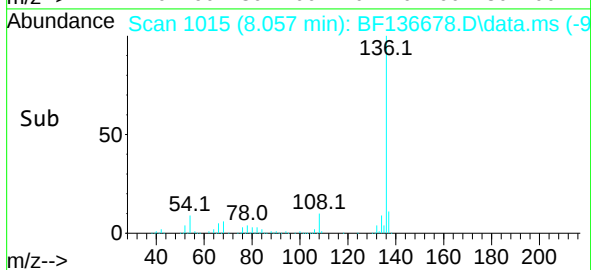
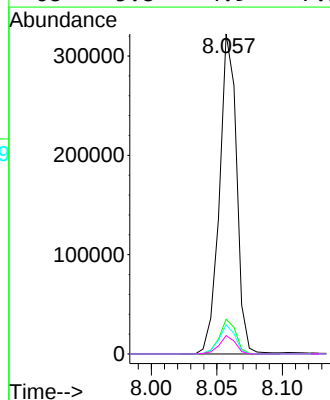
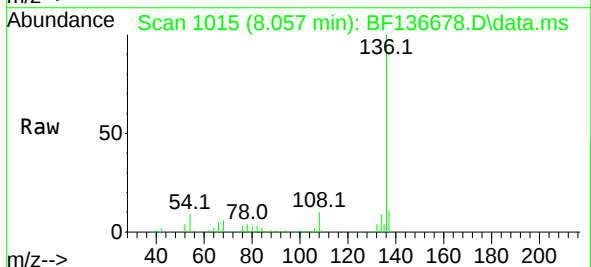
Instrument :
BNA_F
ClientSampleId :
PB157642BL

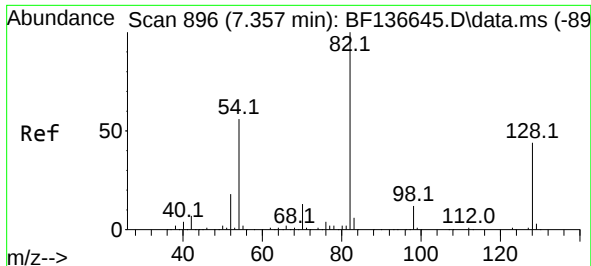
Tgt Ion: 99 Resp: 752810
Ion Ratio Lower Upper
99 100
42 20.3 16.1 24.1
71 34.1 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136678.D
Acq: 22 Dec 2023 10:34

Tgt Ion: 136 Resp: 293142
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 9.1 7.2 10.8
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 81.347 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136678.D

Acq: 22 Dec 2023 10:34

Instrument :

BNA_F

ClientSampleId :

PB157642BL

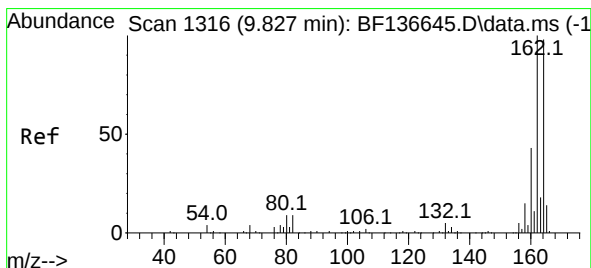
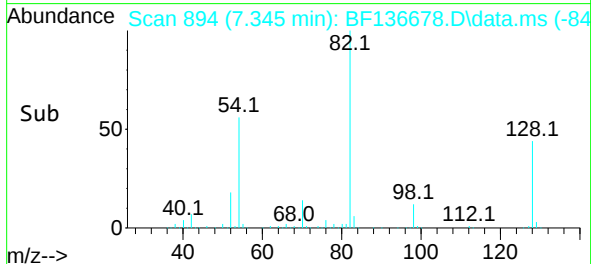
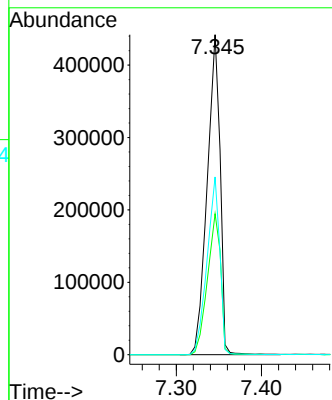
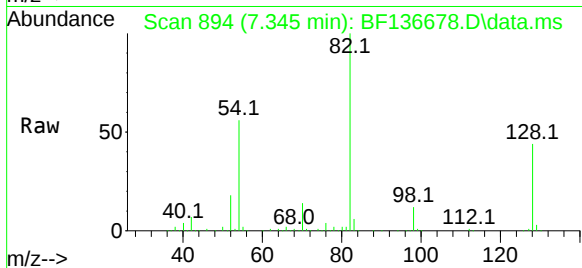
Tgt Ion: 82 Resp: 466012

Ion Ratio Lower Upper

82 100

128 44.0 35.3 52.9

54 55.5 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136678.D

Acq: 22 Dec 2023 10:34

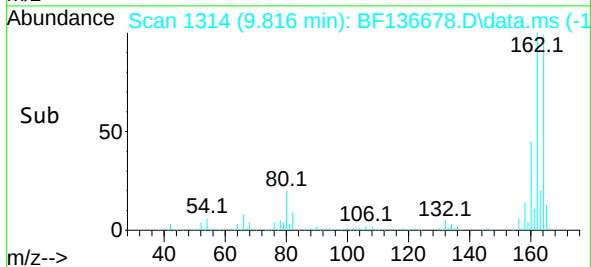
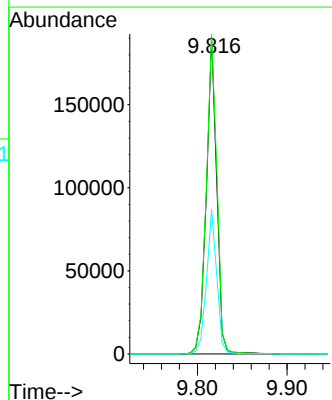
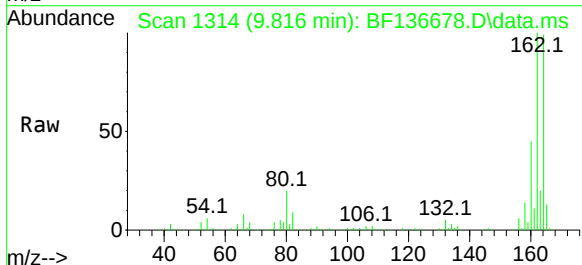
Tgt Ion:164 Resp: 153329

Ion Ratio Lower Upper

164 100

162 100.8 81.6 122.4

160 45.5 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 120.588 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136678.D

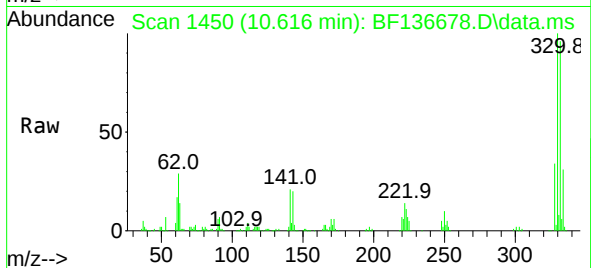
Acq: 22 Dec 2023 10:34

Instrument :

BNA_F

ClientSampleId :

PB157642BL



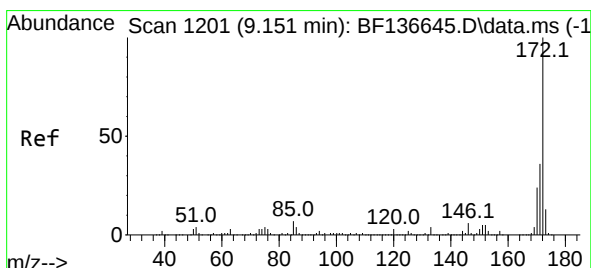
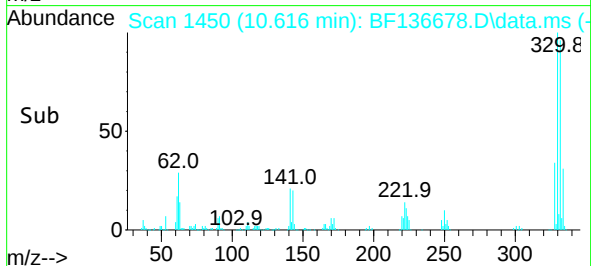
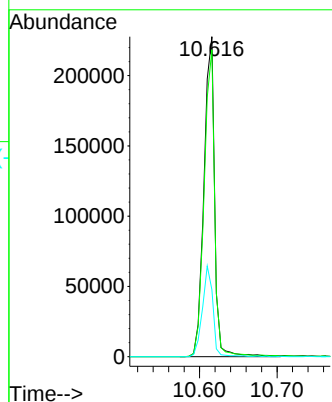
Tgt Ion:330 Resp: 217756

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.0

141 27.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 81.192 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136678.D

Acq: 22 Dec 2023 10:34

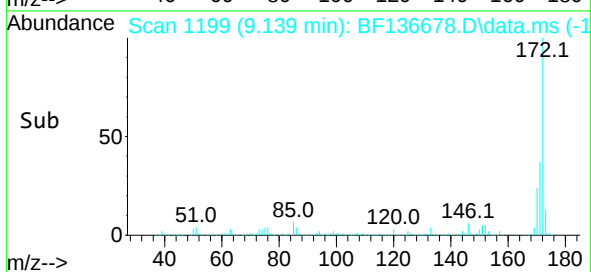
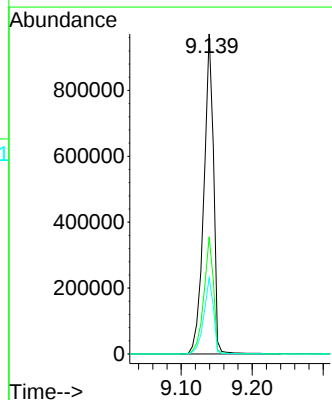
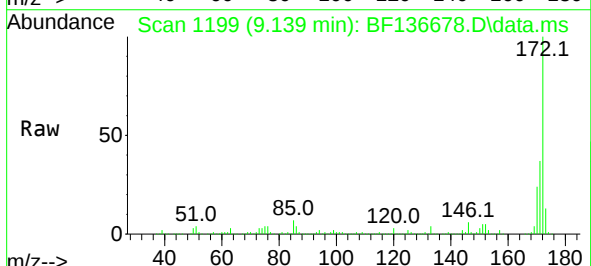
Tgt Ion:172 Resp: 925593

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.6

170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136678.D

Acq: 22 Dec 2023 10:34

Instrument :

BNA_F

ClientSampleId :

PB157642BL

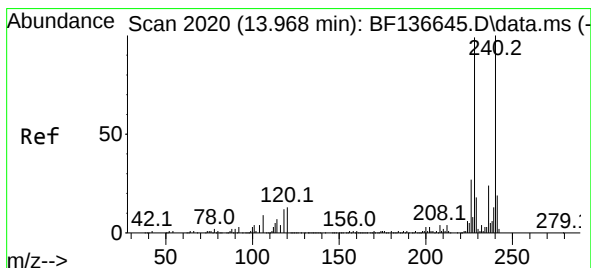
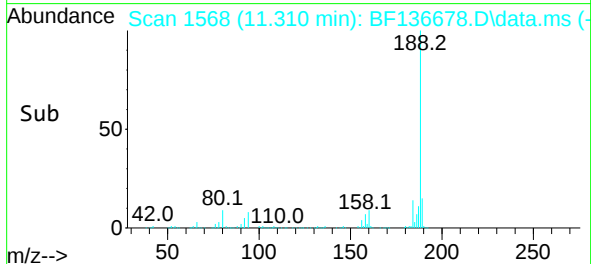
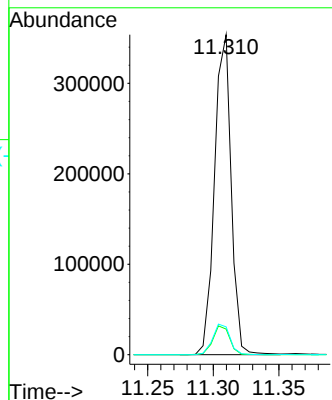
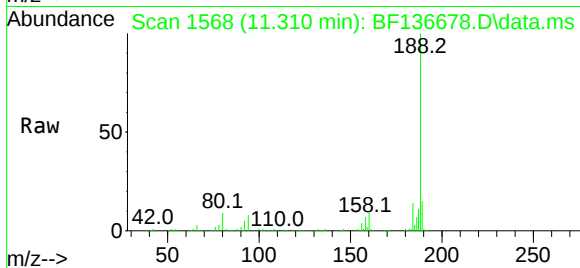
Tgt Ion:188 Resp: 312120

Ion Ratio Lower Upper

188 100

94 8.0 7.5 11.3

80 8.7 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136678.D

Acq: 22 Dec 2023 10:34

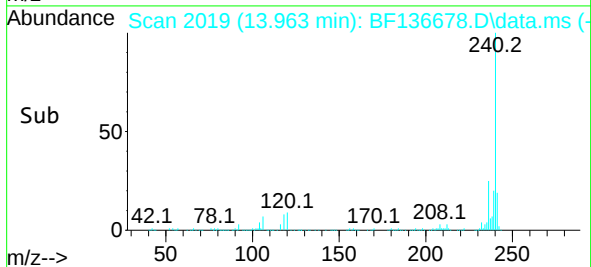
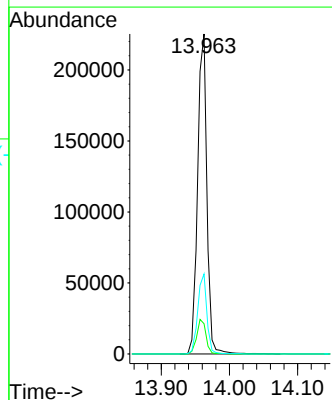
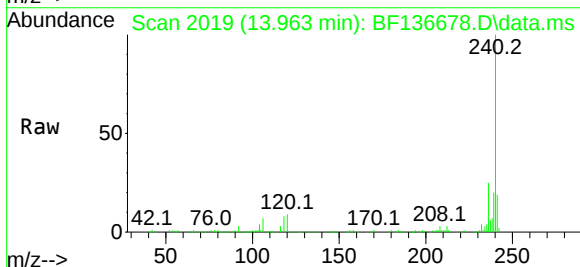
Tgt Ion:240 Resp: 213016

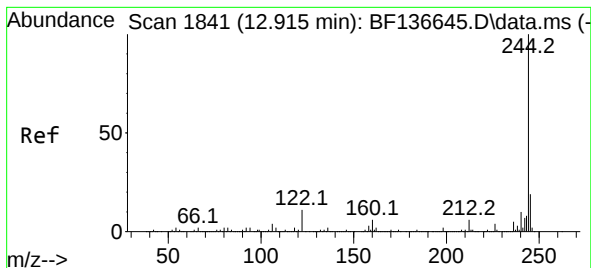
Ion Ratio Lower Upper

240 100

120 9.5 10.3 15.5#

236 25.0 19.4 29.2





#79

Terphenyl-d14

Concen: 72.055 ng

RT: 12.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136678.D

Acq: 22 Dec 2023 10:34

Instrument :

BNA_F

ClientSampleId :

PB157642BL

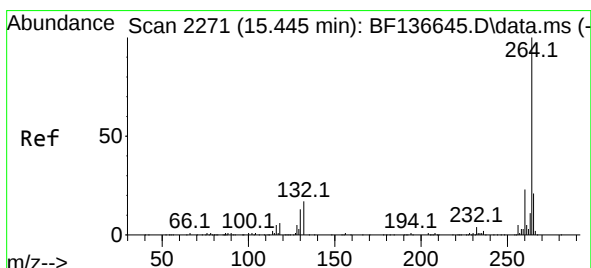
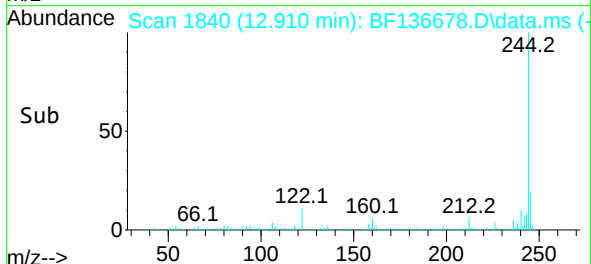
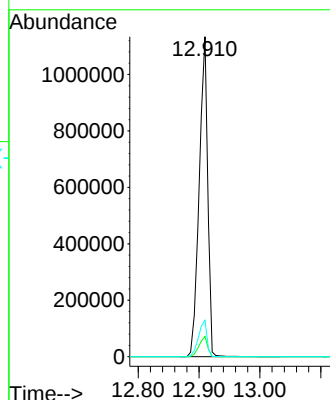
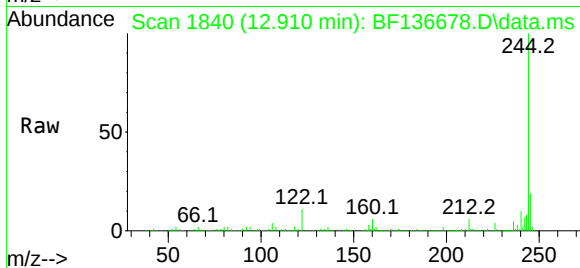
Tgt Ion:244 Resp: 1098339

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 11.3 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF136678.D

Acq: 22 Dec 2023 10:34

Tgt Ion:264 Resp: 171287

Ion Ratio Lower Upper

264 100

260 24.4 18.3 27.5

265 21.1 17.0 25.6

