

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
 Data File : BF134764.D
 Acq On : 14 Aug 2023 17:41
 Operator : CG\JU
 Sample : 03989-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP24A

Quant Time: Aug 15 00:32:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	156441	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	595919	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	271663	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	477666	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	313475	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	304702	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	670481	65.149	ng	0.00
7) Phenol-d6	6.434	99	806432	61.299	ng	0.00
23) Nitrobenzene-d5	7.357	82	469184	49.202	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	193755	69.964	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	856959	52.450	ng	-0.01
79) Terphenyl-d14	12.916	244	873995	49.150	ng	0.00

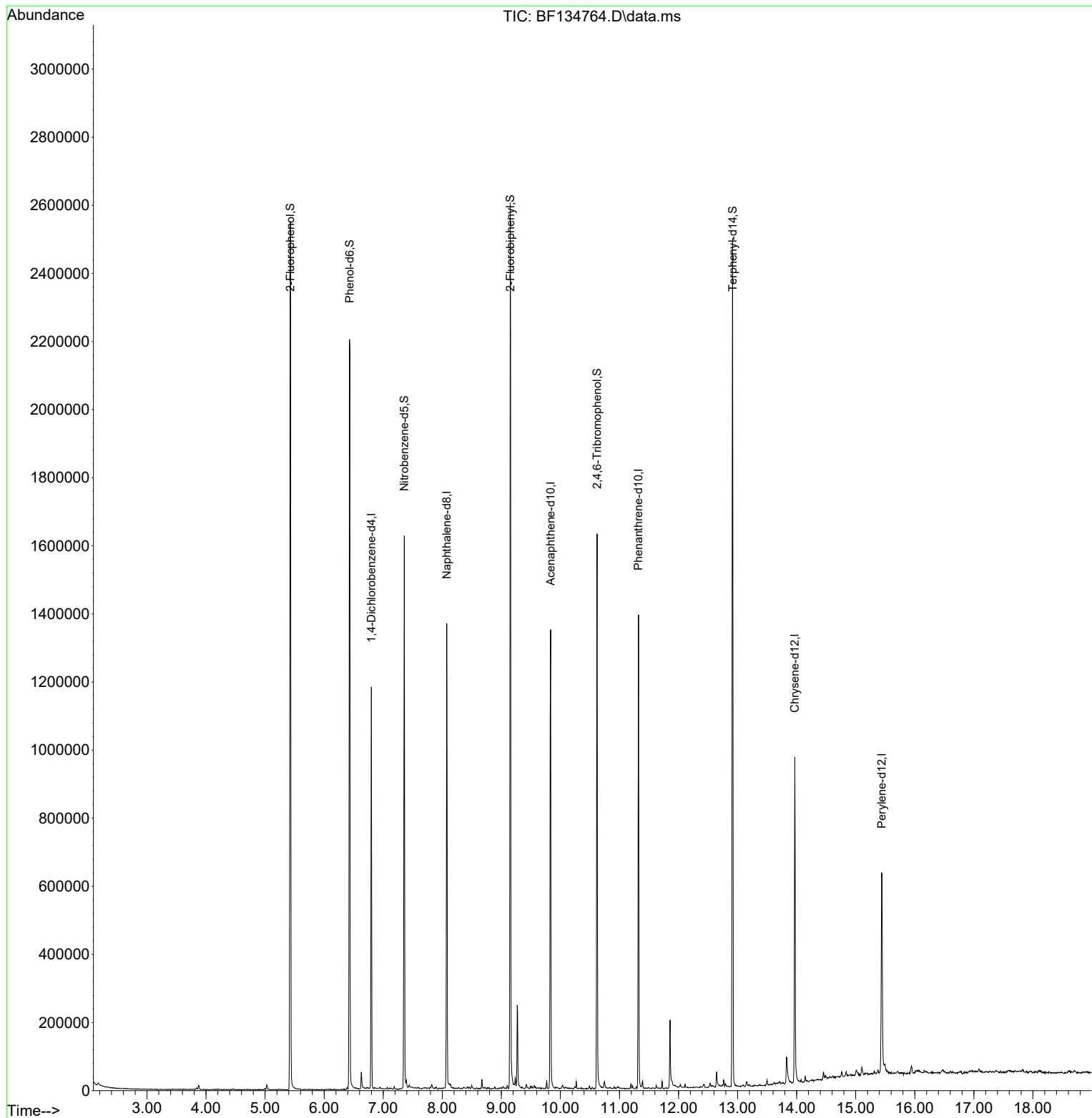
Target Compounds	Qvalue

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

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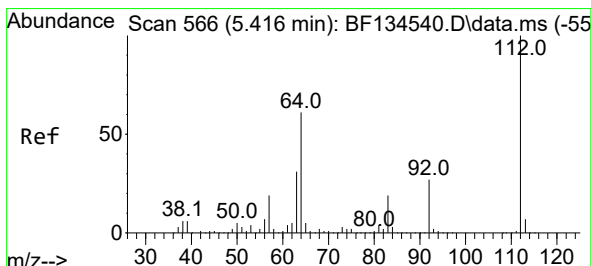
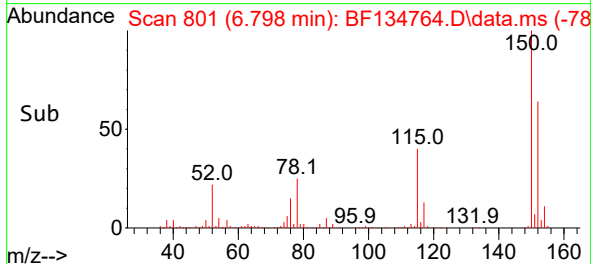
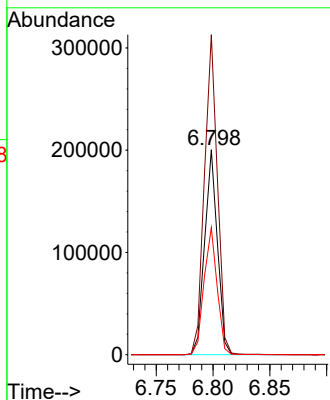
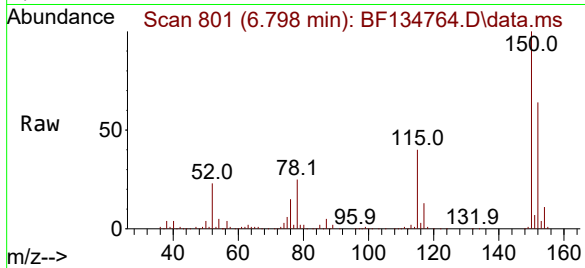




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134764.D
Acq: 14 Aug 2023 17:41

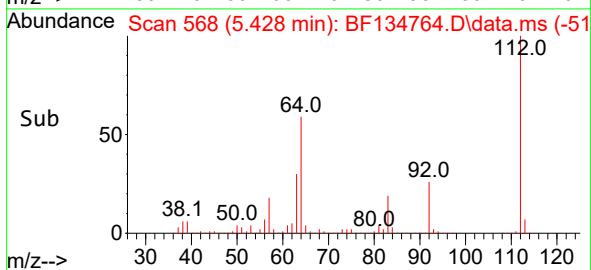
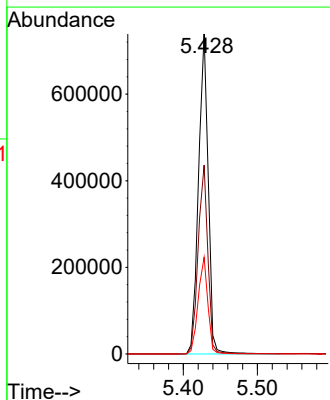
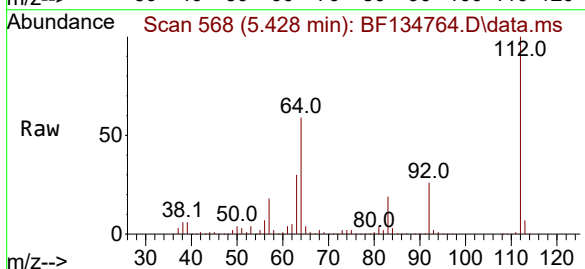
Instrument :
BNA_F
ClientSampleId :
B-PP24A

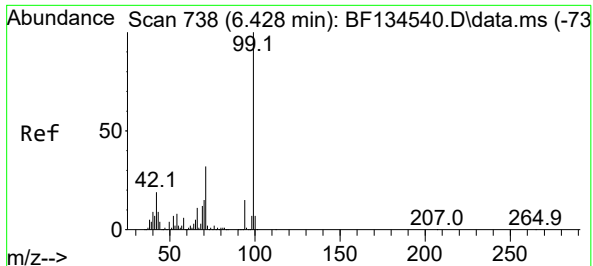
Tgt Ion:152 Resp: 156441
Ion Ratio Lower Upper
152 100
150 156.1 128.3 192.5
115 62.0 52.4 78.6



#5
2-Fluorophenol
Concen: 65.149 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134764.D
Acq: 14 Aug 2023 17:41

Tgt Ion:112 Resp: 670481
Ion Ratio Lower Upper
112 100
64 59.0 44.9 67.3
63 30.2 25.4 38.0

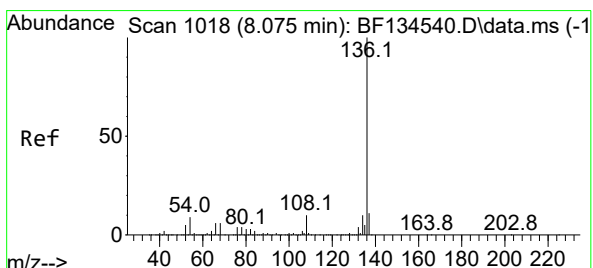
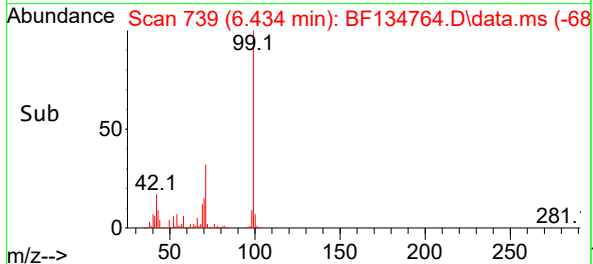
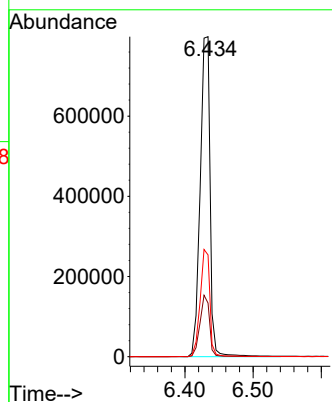
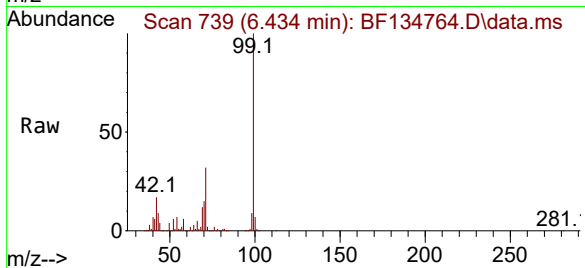




#7
Phenol-d6
Concen: 61.299 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134764.D
Acq: 14 Aug 2023 17:41

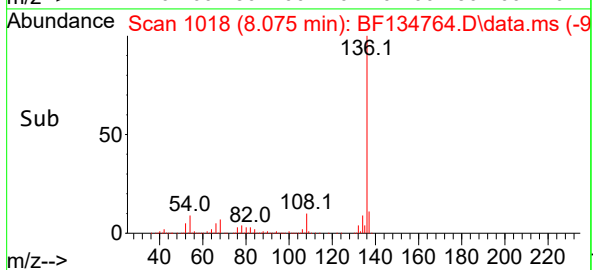
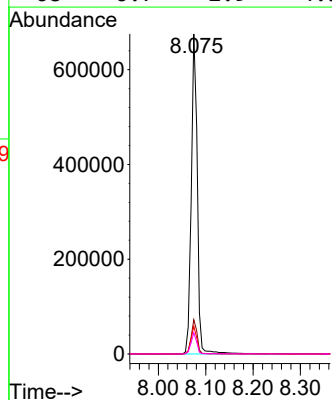
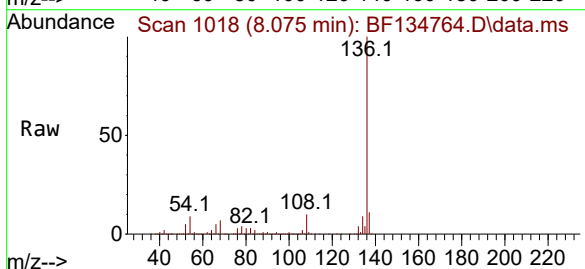
Instrument :
BNA_F
ClientSampleId :
B-PP24A

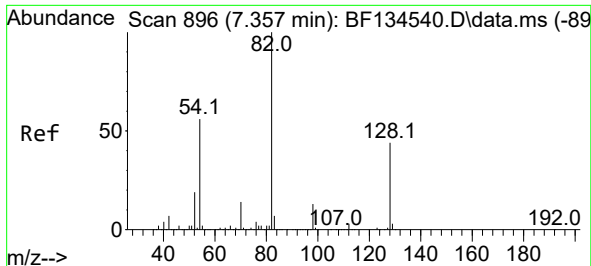
Tgt Ion: 99 Resp: 806432
Ion Ratio Lower Upper
99 100
42 16.7 18.7 28.1#
71 31.8 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134764.D
Acq: 14 Aug 2023 17:41

Tgt Ion: 136 Resp: 595919
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 8.7 5.2 7.8#
68 6.7 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 49.202 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134764.D

Acq: 14 Aug 2023 17:41

Instrument :

BNA_F

ClientSampleId :

B-PP24A

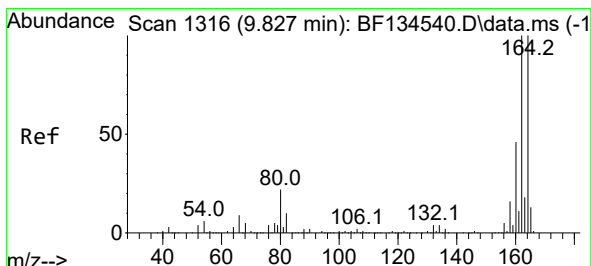
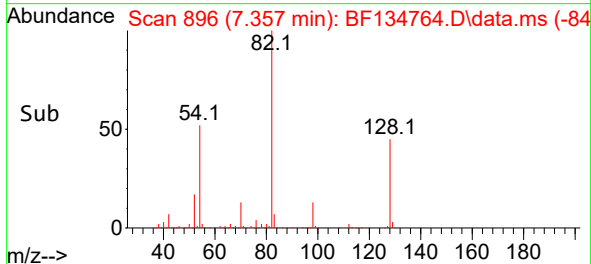
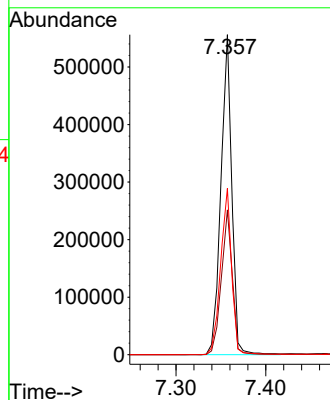
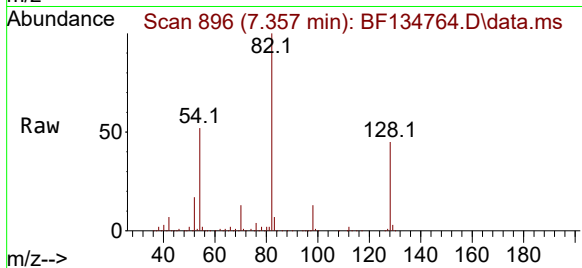
Tgt Ion: 82 Resp: 469184

Ion Ratio Lower Upper

82 100

128 45.3 34.3 51.5

54 51.9 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF134764.D

Acq: 14 Aug 2023 17:41

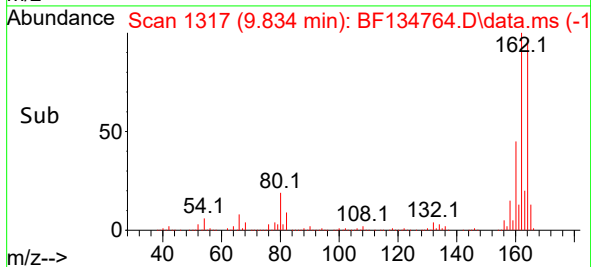
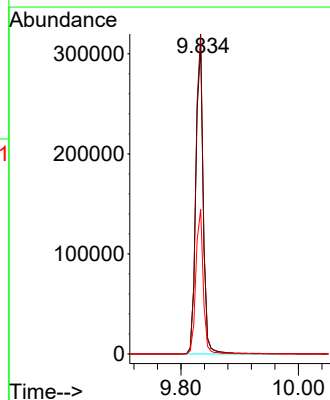
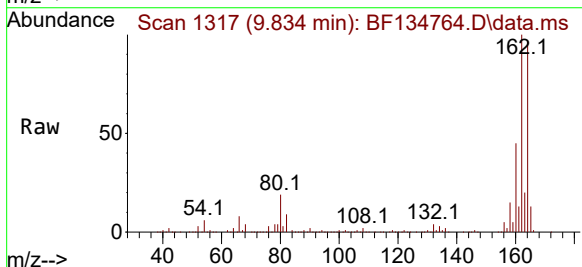
Tgt Ion:164 Resp: 271663

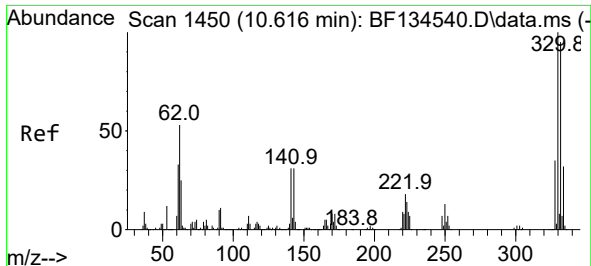
Ion Ratio Lower Upper

164 100

162 103.6 82.6 123.8

160 46.8 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 69.964 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134764.D

Acq: 14 Aug 2023 17:41

Instrument :

BNA_F

ClientSampleId :

B-PP24A

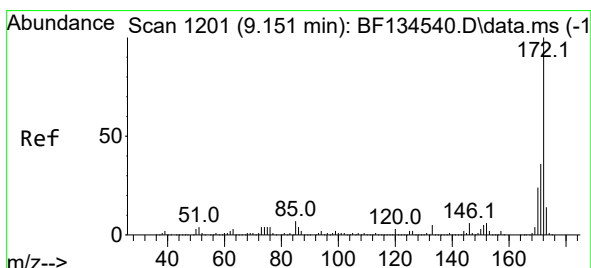
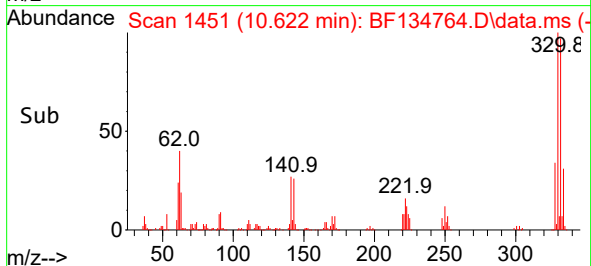
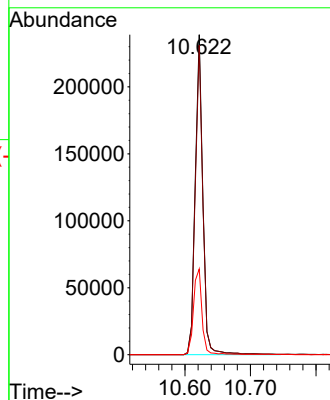
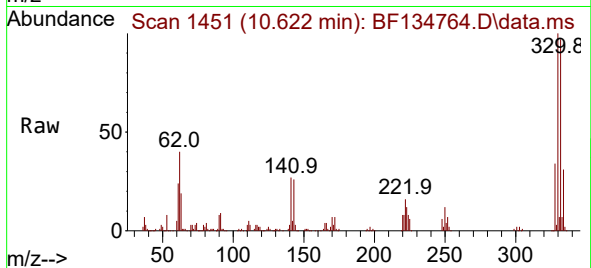
Tgt Ion:330 Resp: 193755

Ion Ratio Lower Upper

330 100

332 96.8 78.8 118.2

141 29.9 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 52.450 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134764.D

Acq: 14 Aug 2023 17:41

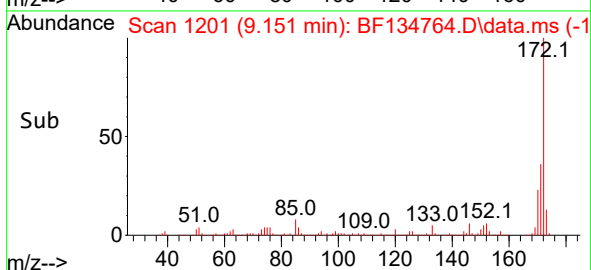
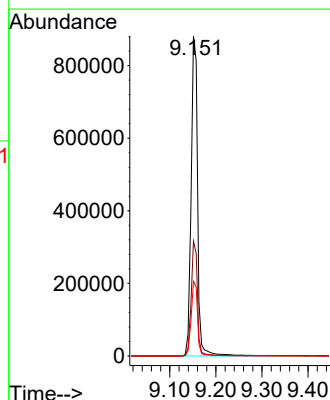
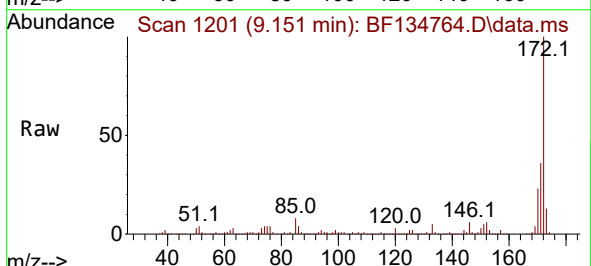
Tgt Ion:172 Resp: 856959

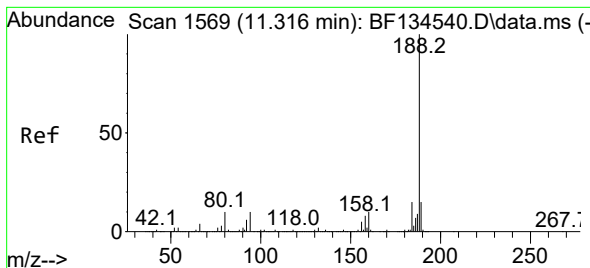
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134764.D

Acq: 14 Aug 2023 17:41

Instrument :

BNA_F

ClientSampleId :

B-PP24A

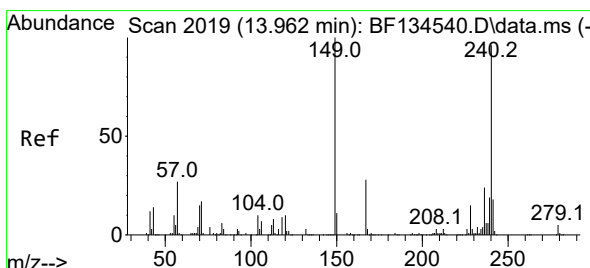
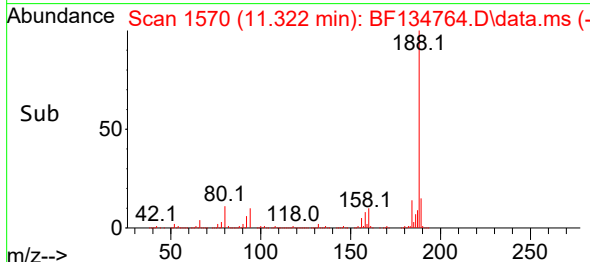
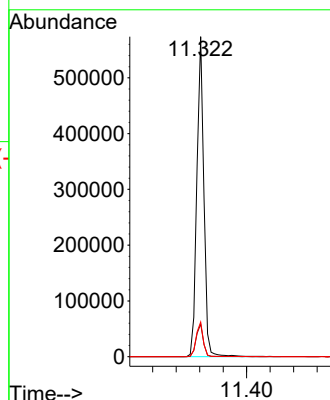
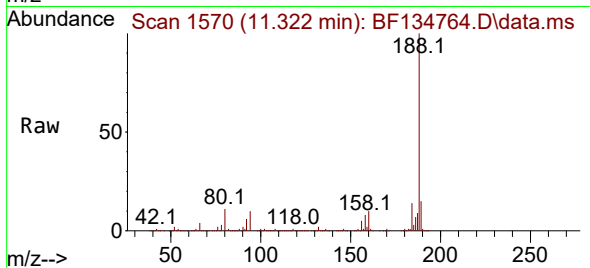
Tgt Ion:188 Resp: 477666

Ion Ratio Lower Upper

188 100

94 10.2 5.1 7.7#

80 10.9 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF134764.D

Acq: 14 Aug 2023 17:41

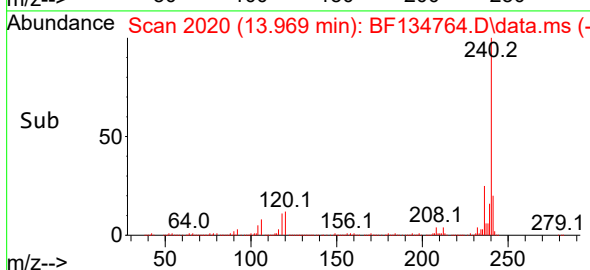
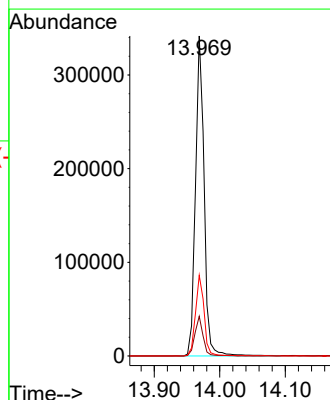
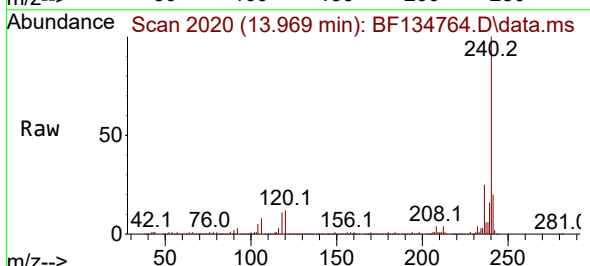
Tgt Ion:240 Resp: 313475

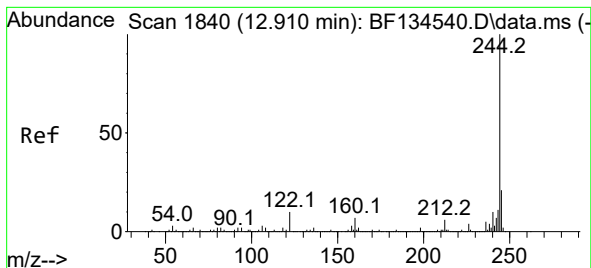
Ion Ratio Lower Upper

240 100

120 12.4 6.6 10.0#

236 25.2 20.2 30.2





#79

Terphenyl-d14

Concen: 49.150 ng

RT: 12.916 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134764.D

Acq: 14 Aug 2023 17:41

Instrument :

BNA_F

ClientSampleId :

B-PP24A

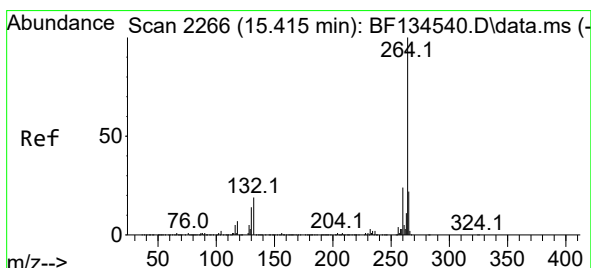
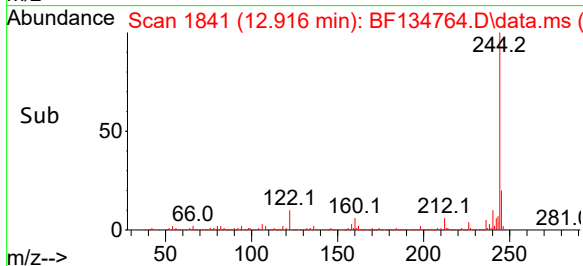
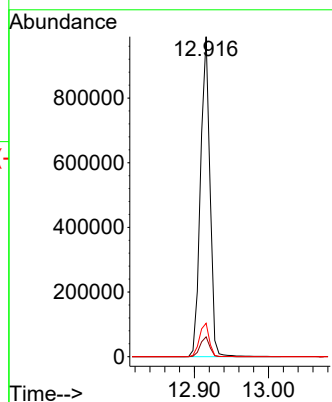
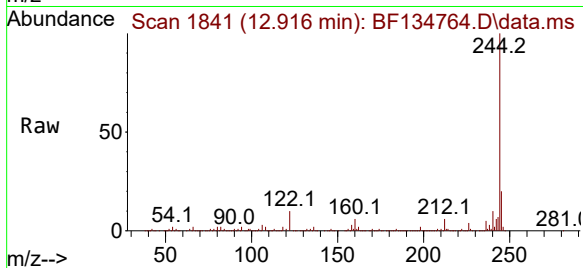
Tgt Ion:244 Resp: 873995

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

122 10.4 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF134764.D

Acq: 14 Aug 2023 17:41

Tgt Ion:264 Resp: 304702

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 21.1 15.8 23.8

