

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081423\
 Data File : BF134771.D
 Acq On : 14 Aug 2023 21:26
 Operator : CG\JU
 Sample : 03972-03 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 356

Quant Time: Aug 15 00:35:01 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)

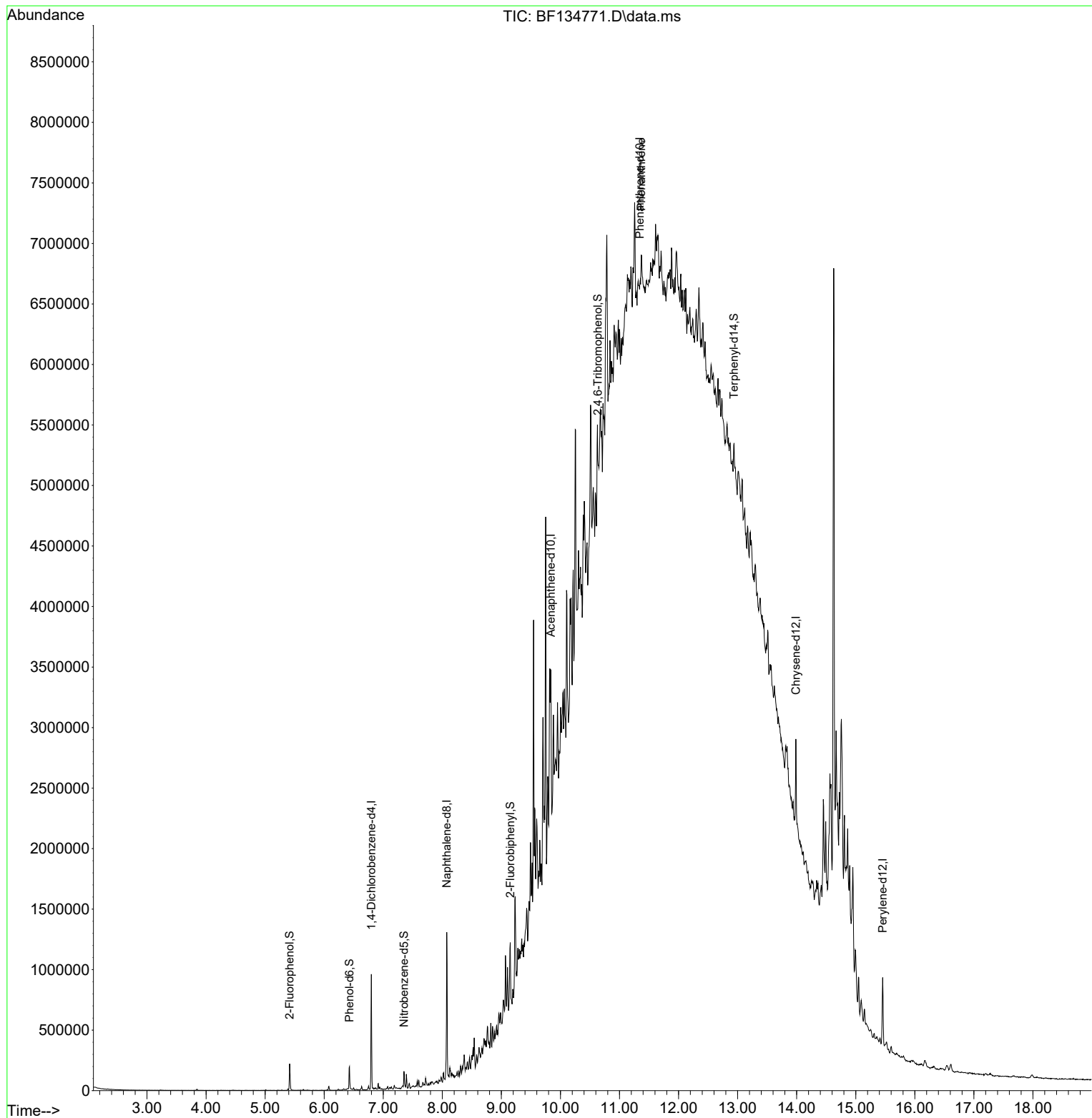
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	128902	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	477385	20.000	ng	# 0.00
39) Acenaphthene-d10	9.839	164	193153	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	172750	20.000	ng	# 0.02
76) Chrysene-d12	13.986	240	230126	20.000	ng	# 0.01
86) Perylene-d12	15.457	264	265405	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	58248	6.869	ng	-0.01
7) Phenol-d6	6.428	99	69407	6.403	ng	-0.01
23) Nitrobenzene-d5	7.351	82	42283	5.535	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	11731	5.958	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	92133	7.931	ng	-0.01
79) Terphenyl-d14	12.939	244	55592	4.259	ng	0.02
Target Compounds						
71) Phenanthrene	11.369	178	96151	10.479	ng	# 53

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

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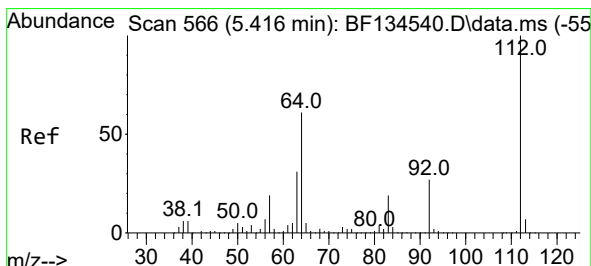
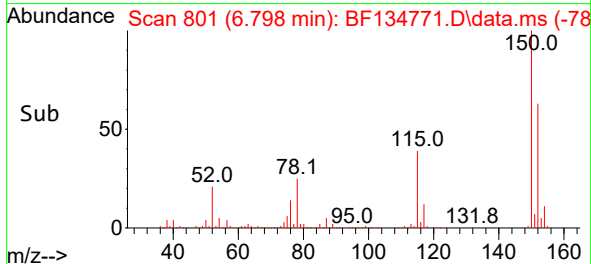
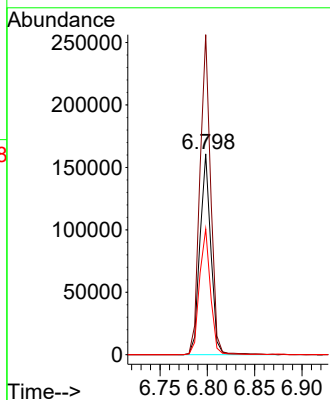
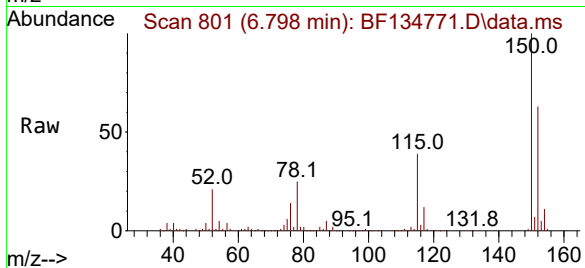




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134771.D
Acq: 14 Aug 2023 21:26

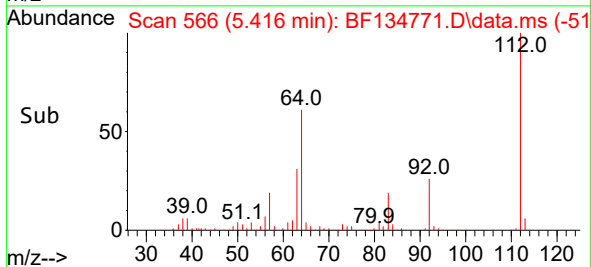
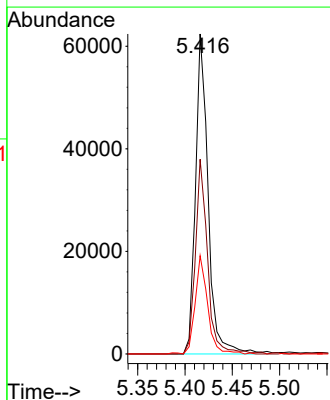
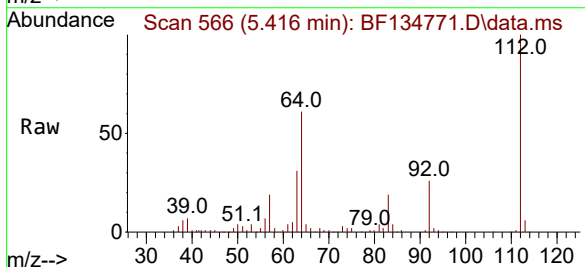
Instrument :
BNA_F
ClientSampleId :
356

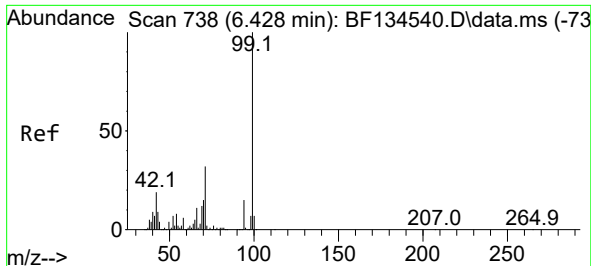
Tgt Ion:152 Resp: 128902
Ion Ratio Lower Upper
152 100
150 159.4 128.3 192.5
115 62.6 52.4 78.6



#5
2-Fluorophenol
Concen: 6.869 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF134771.D
Acq: 14 Aug 2023 21:26

Tgt Ion:112 Resp: 58248
Ion Ratio Lower Upper
112 100
64 60.9 44.9 67.3
63 30.7 25.4 38.0





#7
Phenol-d6
Concen: 6.403 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134771.D
Acq: 14 Aug 2023 21:26

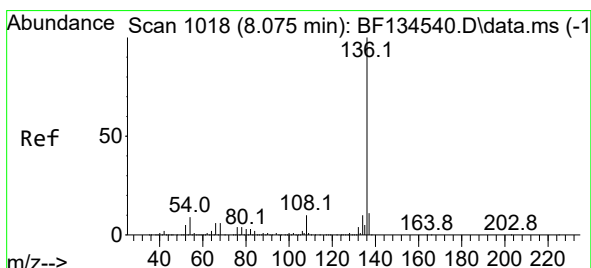
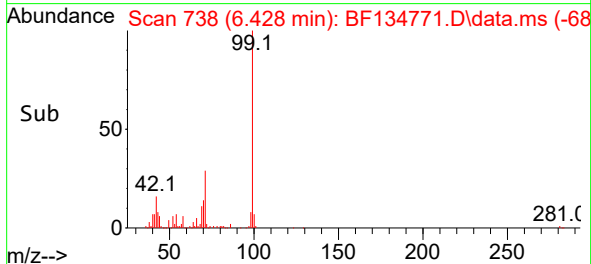
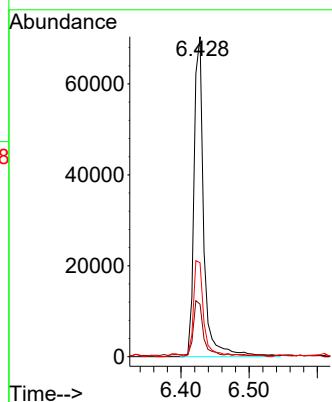
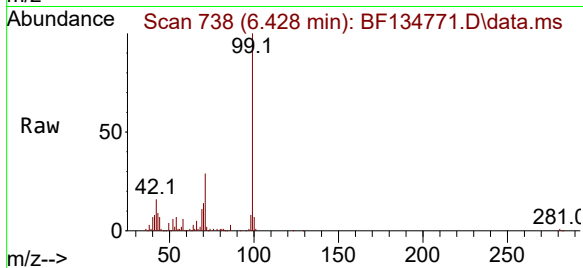
Instrument :

BNA_F

ClientSampleId :

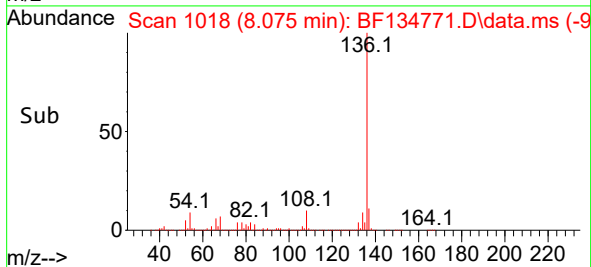
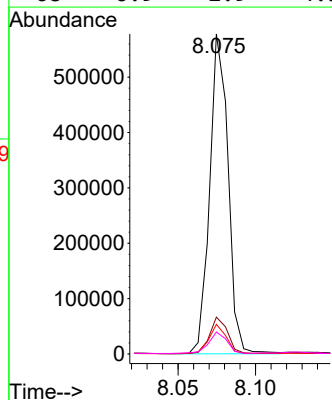
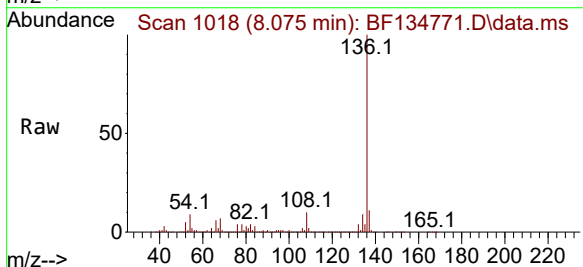
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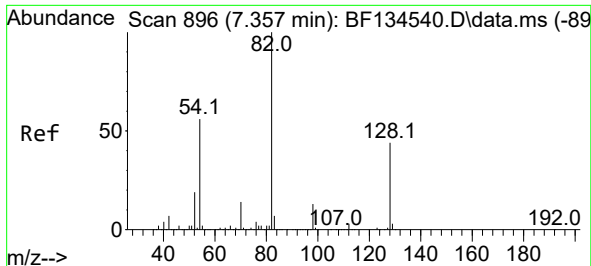
Tgt Ion: 99 Resp: 69407
Ion Ratio Lower Upper
99 100
42 16.4 18.7 28.1#
71 29.4 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134771.D
Acq: 14 Aug 2023 21:26

Tgt Ion: 136 Resp: 477385
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 9.2 5.2 7.8#
68 6.9 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 5.535 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF134771.D

Acq: 14 Aug 2023 21:26

Instrument :

BNA_F

ClientSampleId :

356

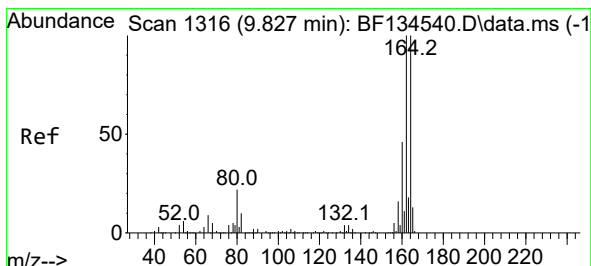
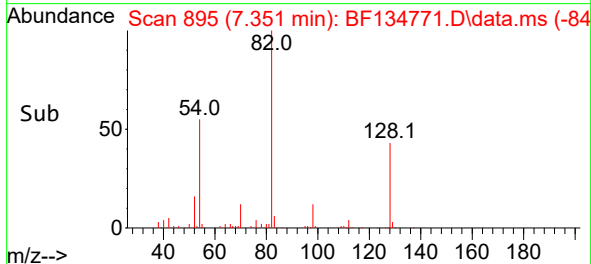
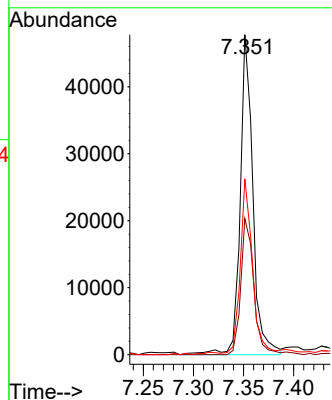
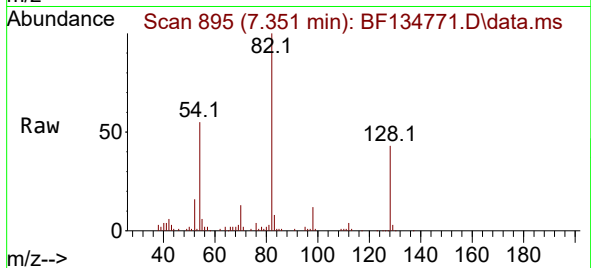
Tgt Ion: 82 Resp: 42283

Ion Ratio Lower Upper

82 100

128 42.5 34.3 51.5

54 54.9 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.006 min

Lab File: BF134771.D

Acq: 14 Aug 2023 21:26

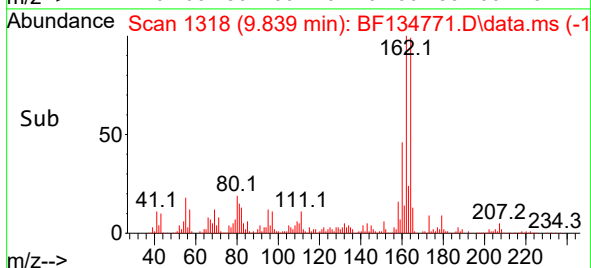
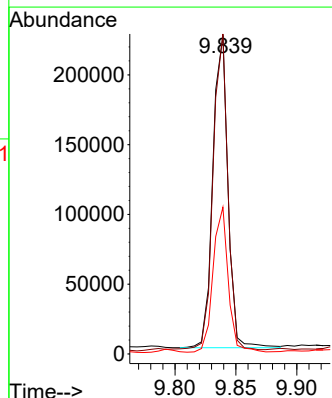
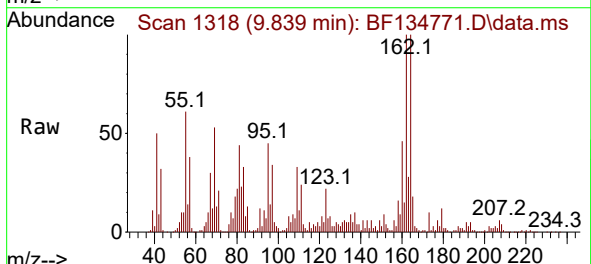
Tgt Ion:164 Resp: 193153

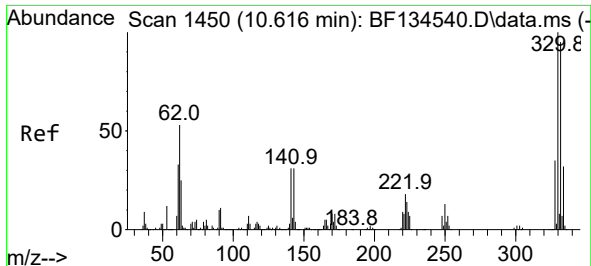
Ion Ratio Lower Upper

164 100

162 100.4 82.6 123.8

160 46.0 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 5.958 ng

RT: 10.633 min Scan# 1450

Delta R.T. 0.006 min

Lab File: BF134771.D

Acq: 14 Aug 2023 21:26

Instrument :

BNA_F

ClientSampleId :

356

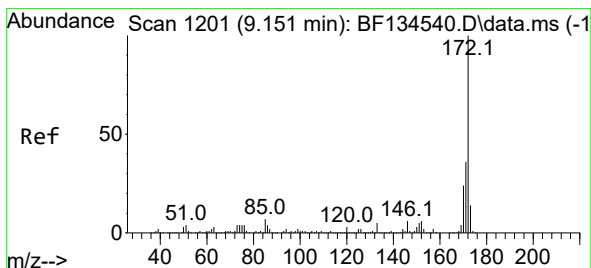
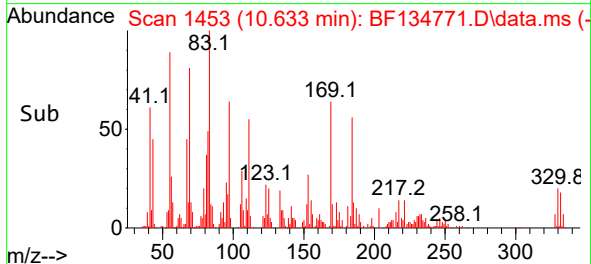
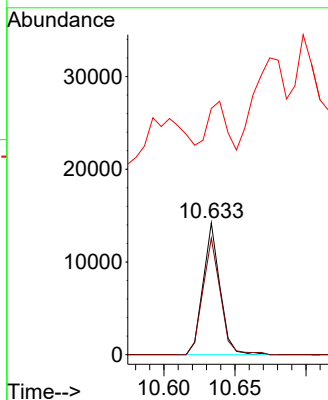
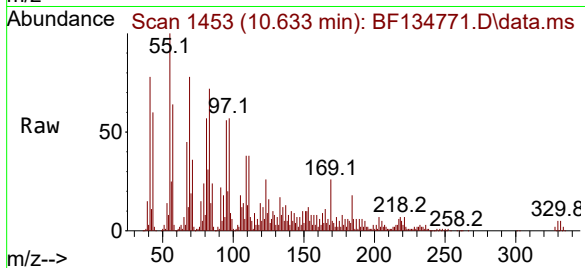
Tgt Ion:330 Resp: 11731

Ion Ratio Lower Upper

330 100

332 92.8 78.8 118.2

141 37.9 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 7.931 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134771.D

Acq: 14 Aug 2023 21:26

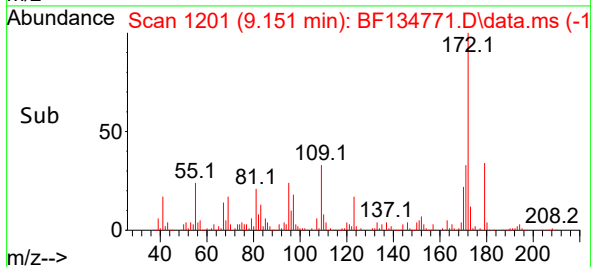
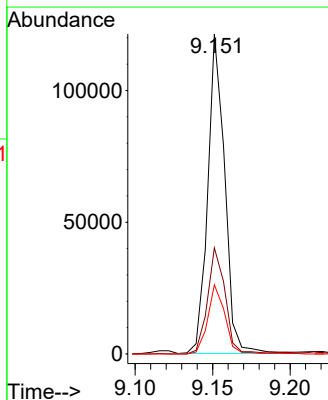
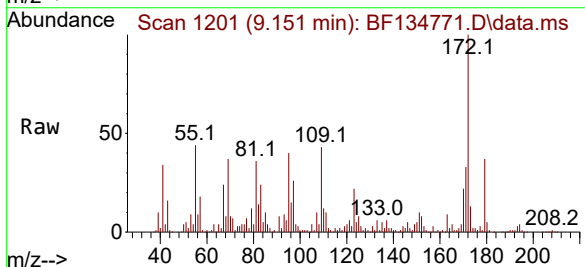
Tgt Ion:172 Resp: 92133

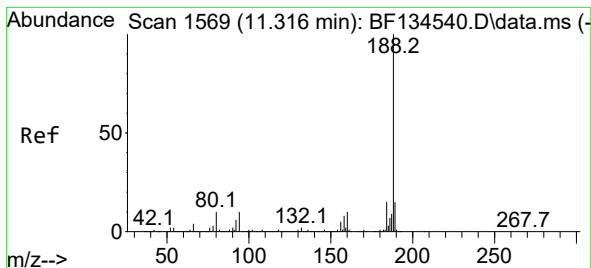
Ion Ratio Lower Upper

172 100

171 33.1 28.8 43.2

170 21.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1

Delta R.T. 0.024 min

Lab File: BF134771.D

Acq: 14 Aug 2023 21:26

Instrument :

BNA_F

ClientSampleId :

356

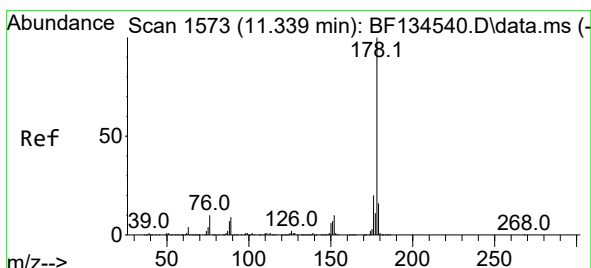
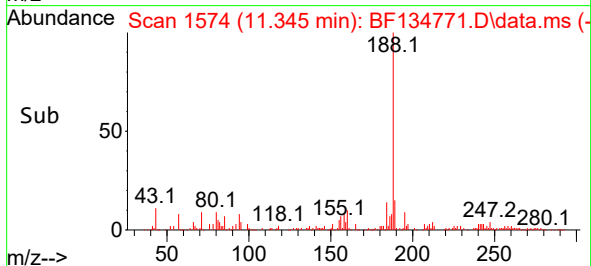
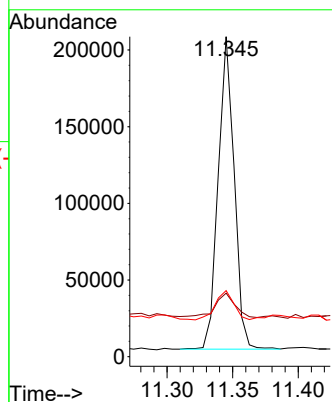
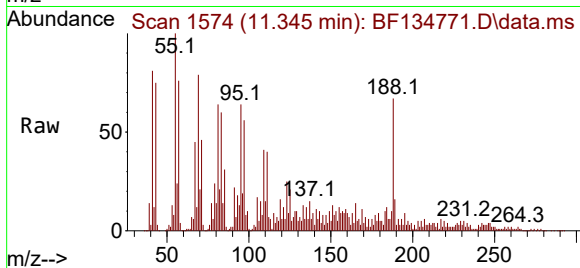
Tgt Ion:188 Resp: 172750

Ion Ratio Lower Upper

188 100

94 19.8 5.1 7.7#

80 20.7 6.6 9.8#



#71

Phenanthrene

Concen: 10.479 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.018 min

Lab File: BF134771.D

Acq: 14 Aug 2023 21:26

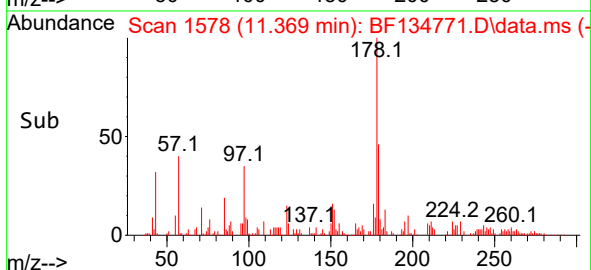
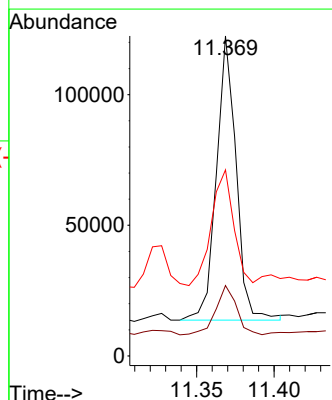
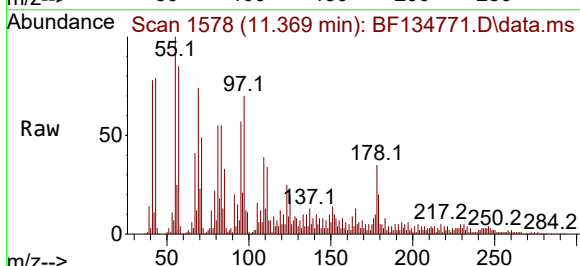
Tgt Ion:178 Resp: 96151

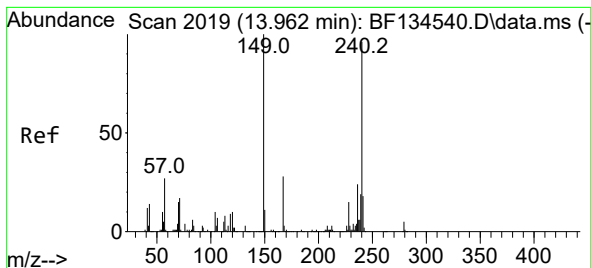
Ion Ratio Lower Upper

178 100

176 22.0 15.8 23.6

179 58.2 12.7 19.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2019

Delta R.T. 0.012 min

Lab File: BF134771.D

Acq: 14 Aug 2023 21:26

Instrument :

BNA_F

ClientSampleId :

356

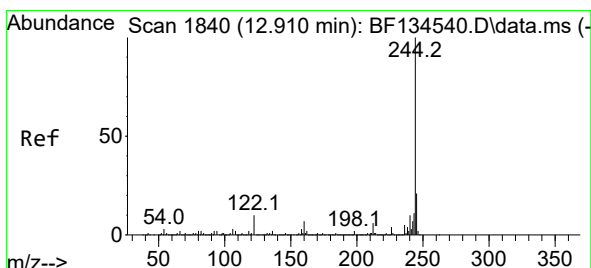
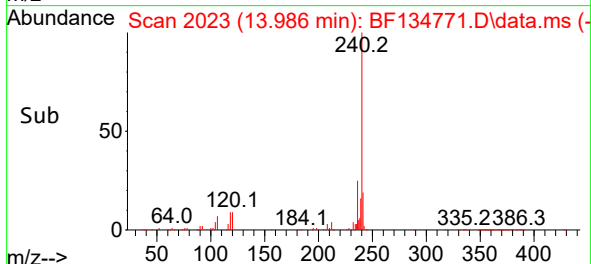
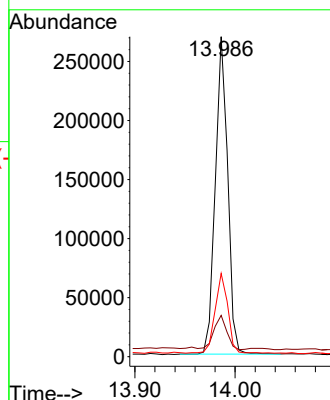
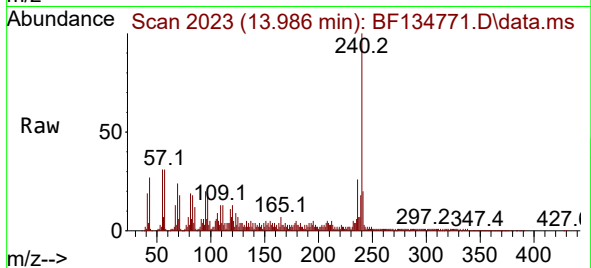
Tgt Ion:240 Resp: 230126

Ion Ratio Lower Upper

240 100

120 12.9 6.6 10.0#

236 26.0 20.2 30.2



#79

Terphenyl-d14

Concen: 4.259 ng

RT: 12.939 min Scan# 1845

Delta R.T. 0.018 min

Lab File: BF134771.D

Acq: 14 Aug 2023 21:26

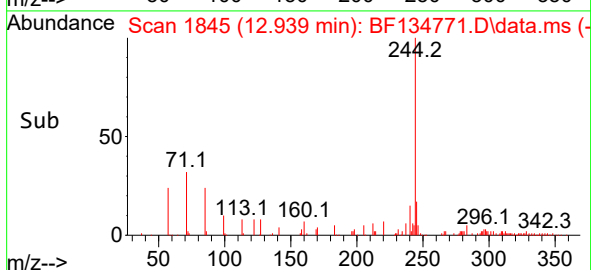
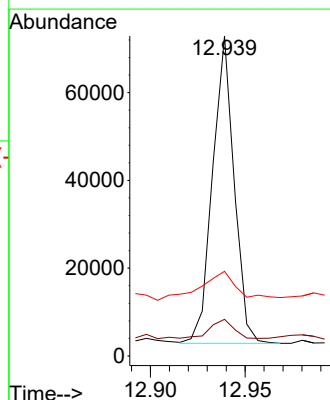
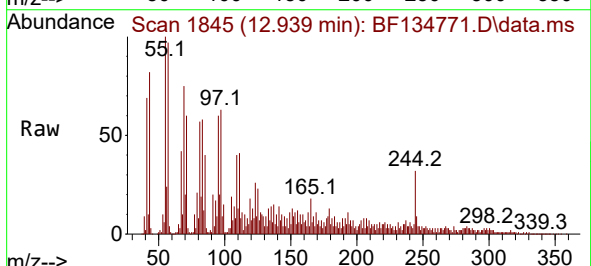
Tgt Ion:244 Resp: 55592

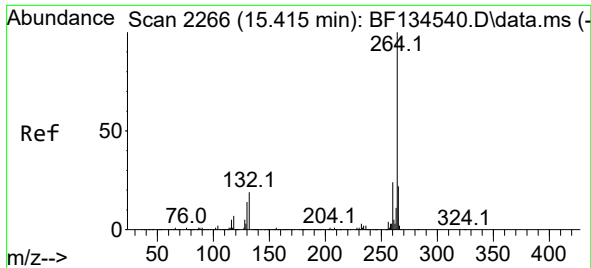
Ion Ratio Lower Upper

244 100

212 11.5 5.6 8.4#

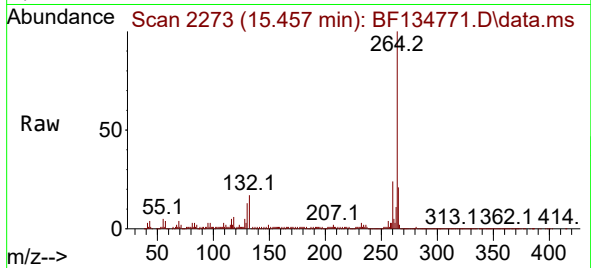
122 26.5 8.0 12.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF134771.D
Acq: 14 Aug 2023 21:26

Instrument :
BNA_F
ClientSampleId :
356



Tgt Ion:	264	Resp:	265405
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.4	27.6
265	21.0	15.8	23.8

