

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134851.D
 Acq On : 18 Aug 2023 20:53
 Operator : CG\JU
 Sample : 04086-21
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB04

Quant Time: Aug 19 01:47:10 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	6.792	152	130631	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	496679	20.000	ng	#-0.01
39) Acenaphthene-d10	9.827	164	218987	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	301064	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	258147	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	175737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	403118	46.909	ng	-0.01
7) Phenol-d6	6.422	99	304051	27.678	ng	-0.02
23) Nitrobenzene-d5	7.351	82	666880	83.908	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	218783	98.005	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1122766	85.248	ng	-0.01
79) Terphenyl-d14	12.910	244	1117299	76.299	ng	-0.01

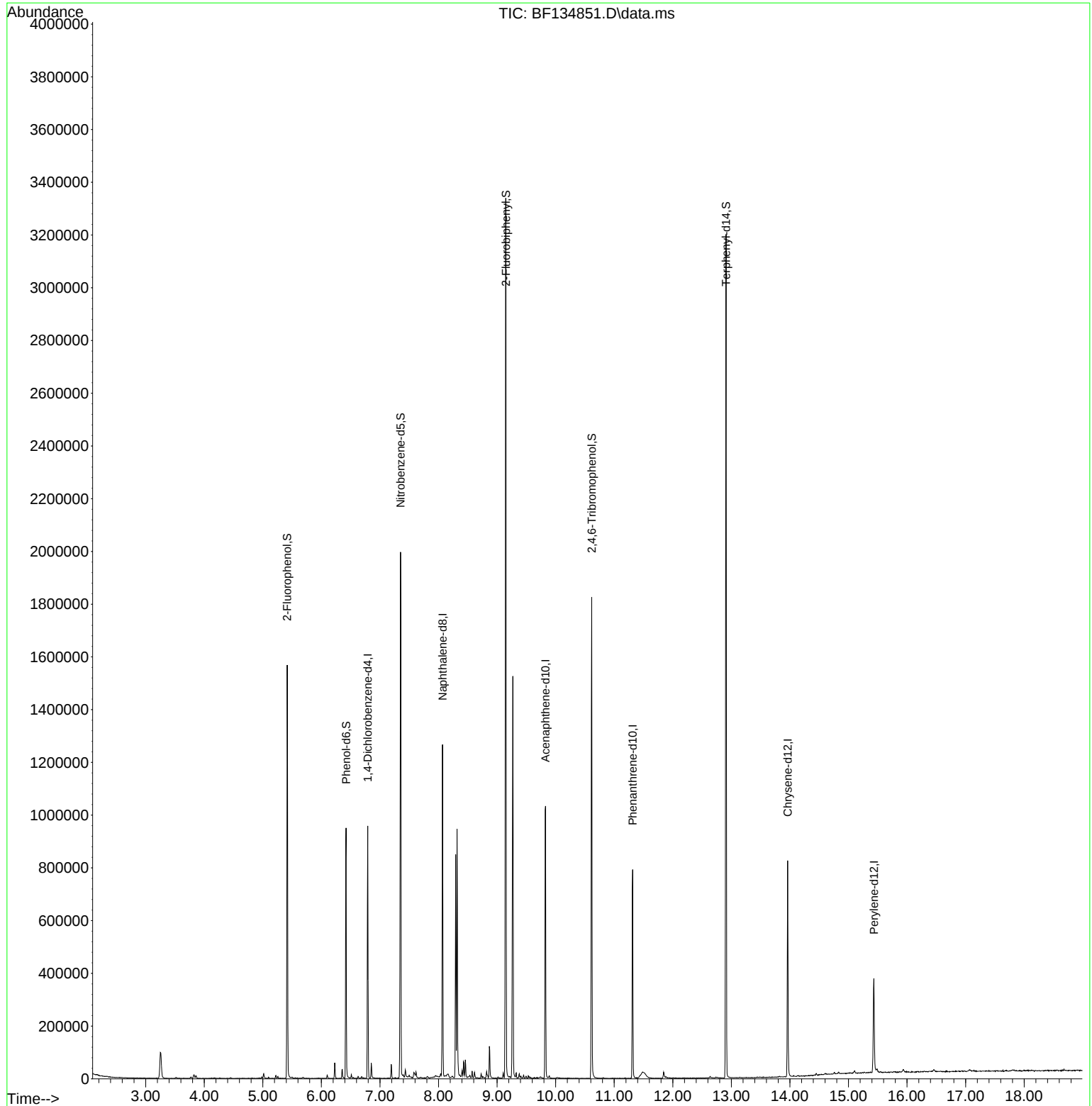
Target Compounds	Qvalue

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

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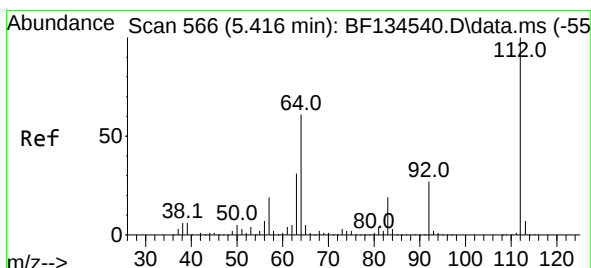
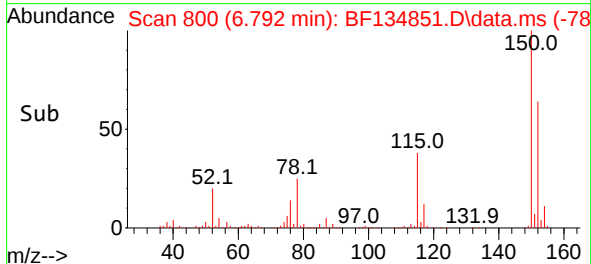
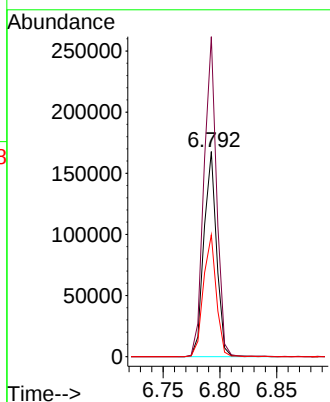
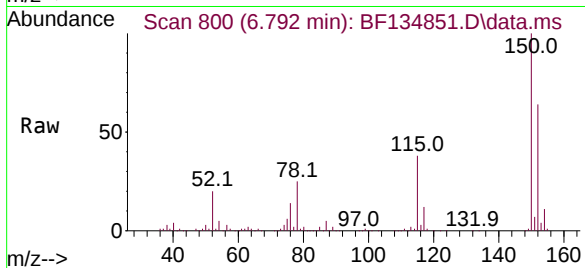




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF134851.D
Acq: 18 Aug 2023 20:53

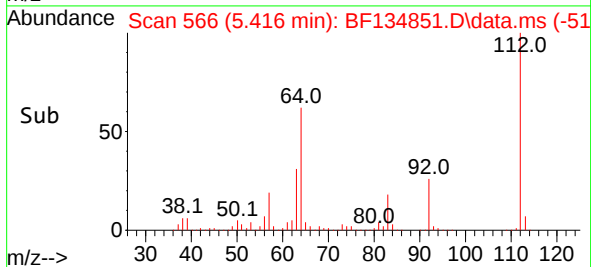
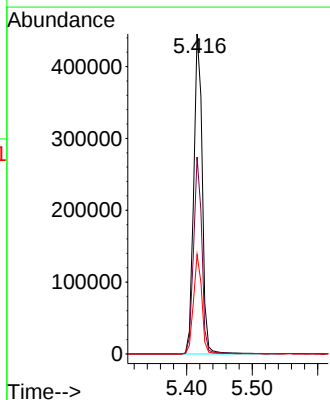
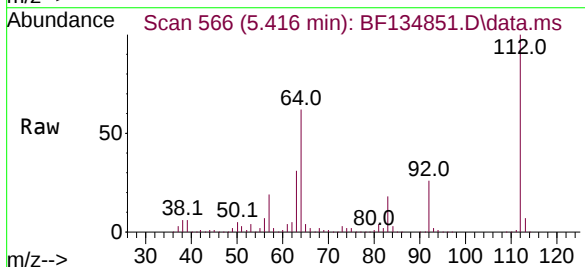
Instrument :
BNA_F
ClientSampleId :
FB04

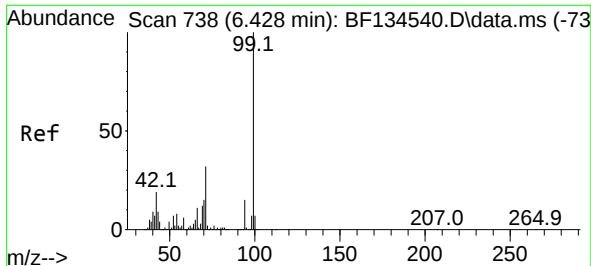
Tgt Ion:152 Resp: 130631
Ion Ratio Lower Upper
152 100
150 156.1 128.3 192.5
115 59.3 52.4 78.6



#5
2-Fluorophenol
Concen: 46.909 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF134851.D
Acq: 18 Aug 2023 20:53

Tgt Ion:112 Resp: 403118
Ion Ratio Lower Upper
112 100
64 61.5 44.9 67.3
63 31.1 25.4 38.0

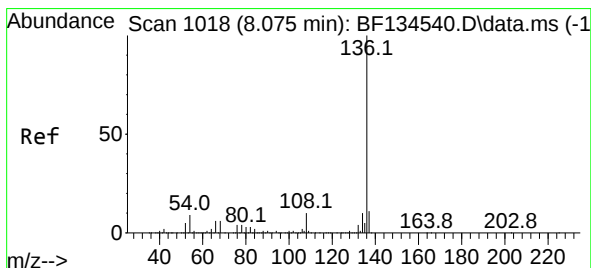
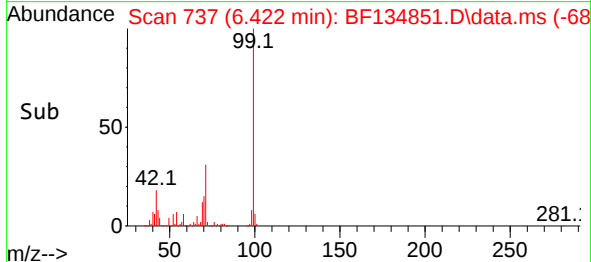
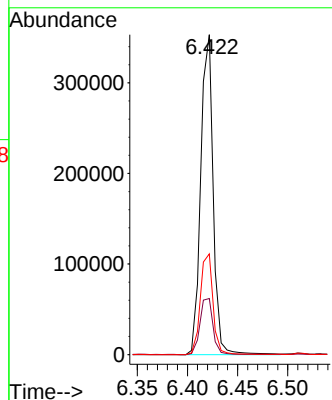
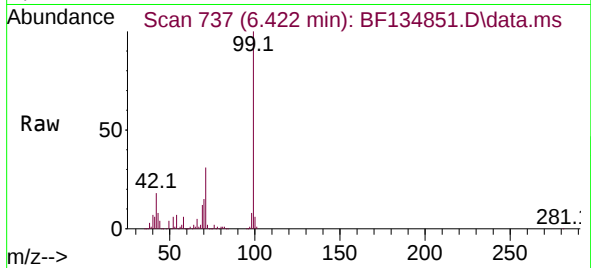




#7
Phenol-d6
Concen: 27.678 ng
RT: 6.422 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF134851.D
Acq: 18 Aug 2023 20:53

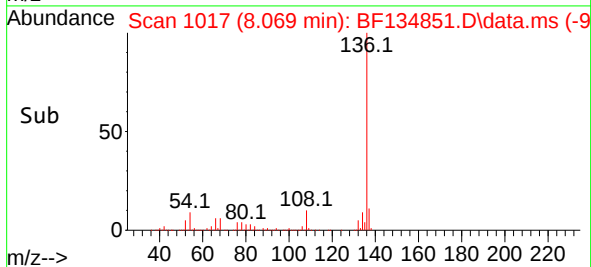
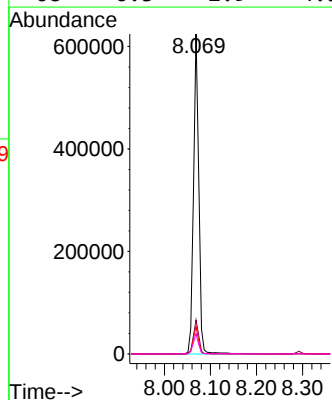
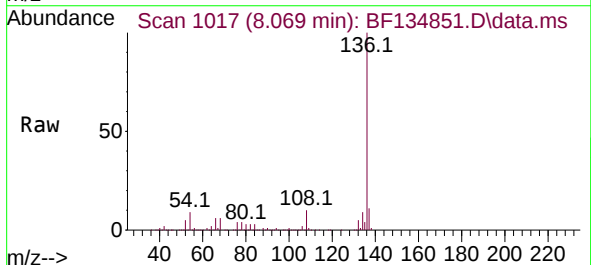
Instrument :
BNA_F
ClientSampleId :
FB04

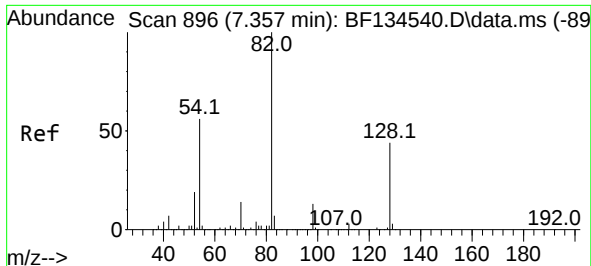
Tgt Ion: 99 Resp: 304051
Ion Ratio Lower Upper
99 100
42 17.5 18.7 28.1#
71 31.5 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF134851.D
Acq: 18 Aug 2023 20:53

Tgt Ion: 136 Resp: 496679
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 8.6 5.2 7.8#
68 6.3 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 83.908 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF134851.D

Acq: 18 Aug 2023 20:53

Instrument :

BNA_F

ClientSampleId :

FB04

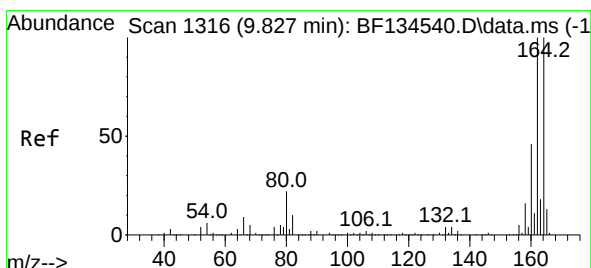
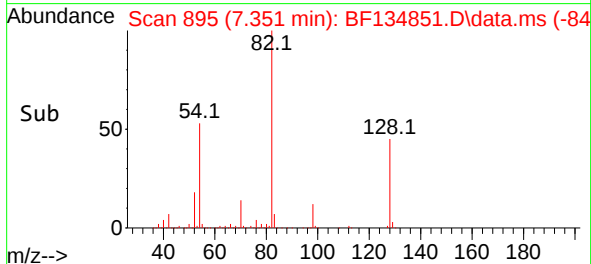
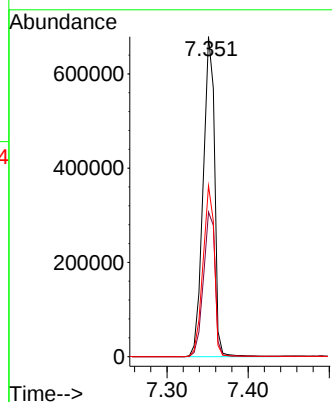
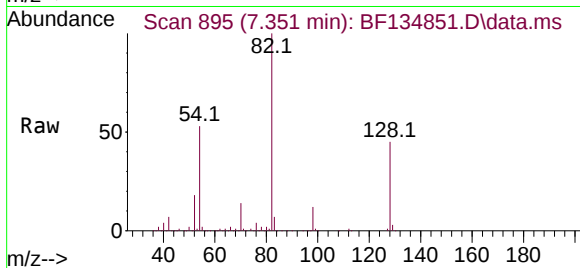
Tgt Ion: 82 Resp: 666880

Ion Ratio Lower Upper

82 100

128 45.2 34.3 51.5

54 53.4 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF134851.D

Acq: 18 Aug 2023 20:53

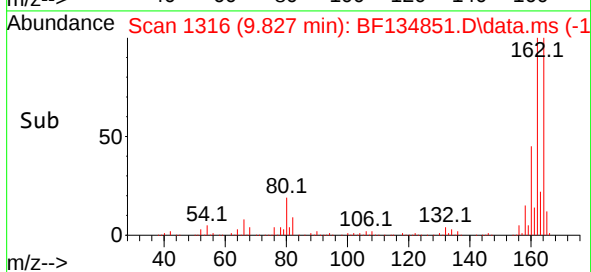
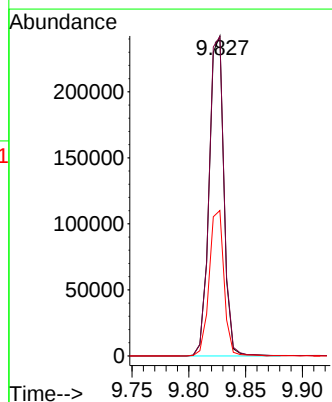
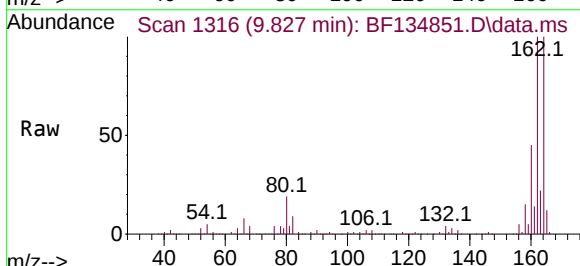
Tgt Ion: 164 Resp: 218987

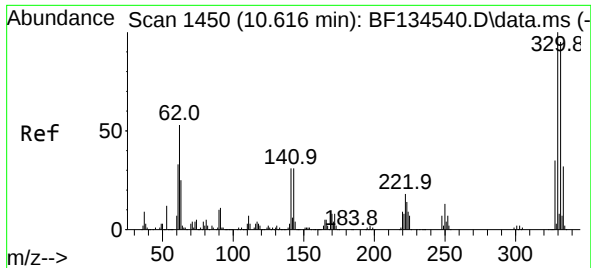
Ion Ratio Lower Upper

164 100

162 99.8 82.6 123.8

160 45.4 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 98.005 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF134851.D

Acq: 18 Aug 2023 20:53

Instrument :

BNA_F

ClientSampleId :

FB04

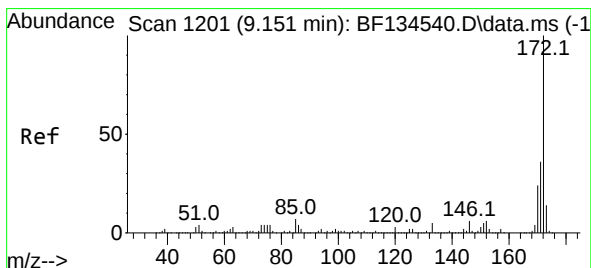
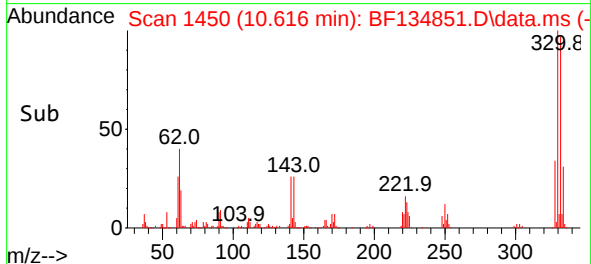
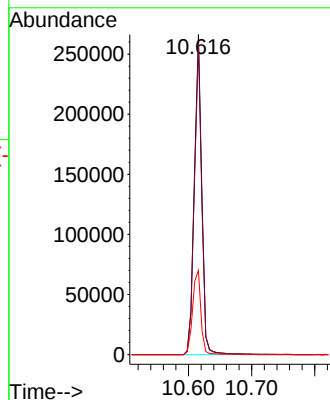
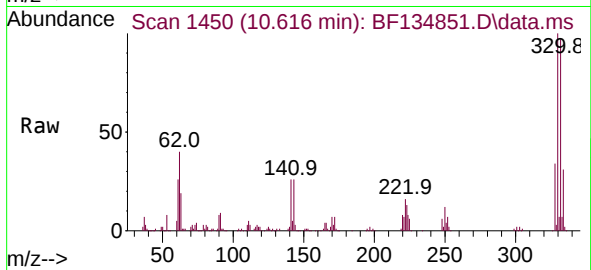
Tgt Ion:330 Resp: 218783

Ion Ratio Lower Upper

330 100

332 96.5 78.8 118.2

141 29.2 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 85.248 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF134851.D

Acq: 18 Aug 2023 20:53

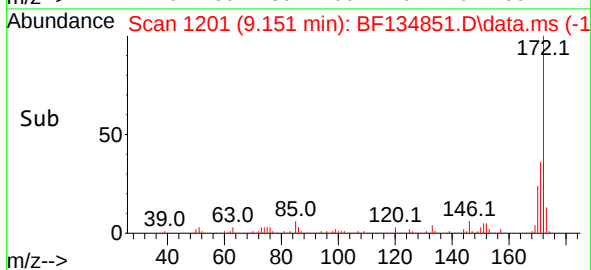
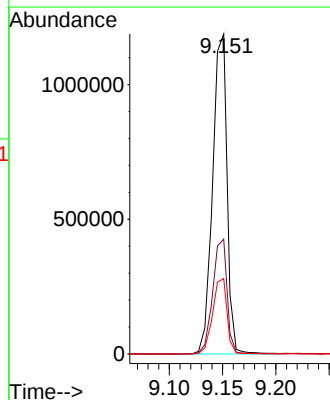
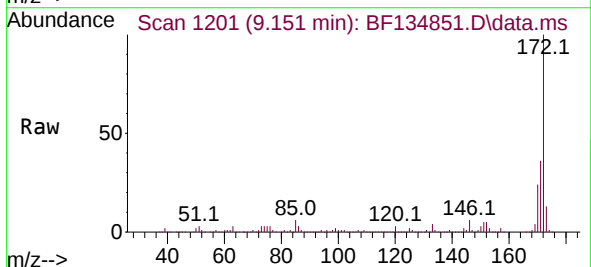
Tgt Ion:172 Resp: 1122766

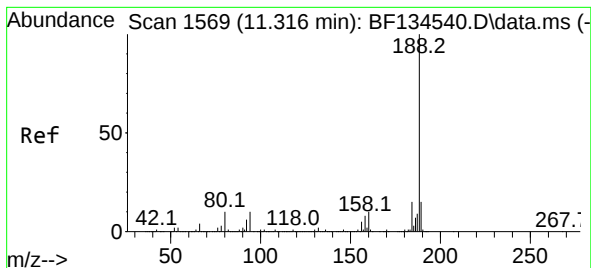
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.5 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF134851.D

Acq: 18 Aug 2023 20:53

Instrument :

BNA_F

ClientSampleId :

FB04

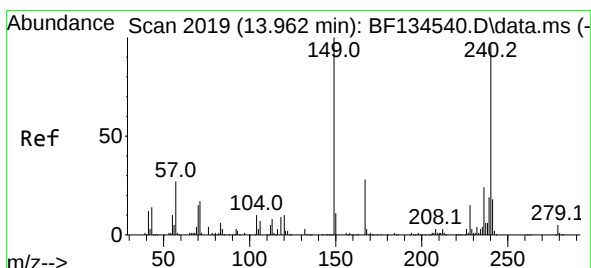
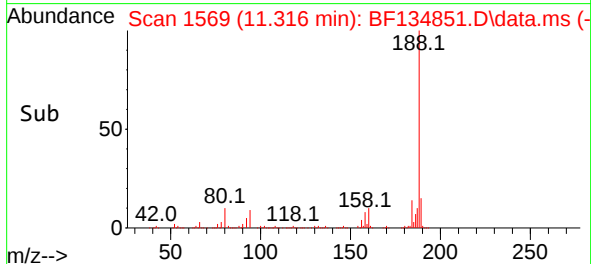
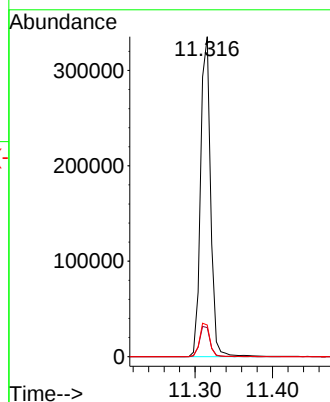
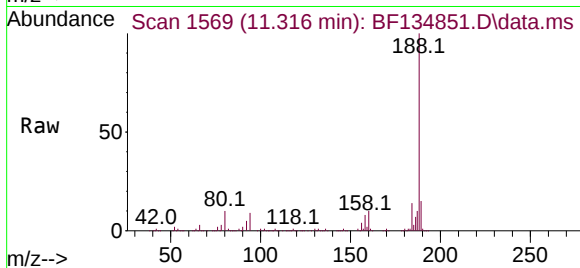
Tgt Ion:188 Resp: 301064

Ion Ratio Lower Upper

188 100

94 9.1 5.1 7.7#

80 9.9 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF134851.D

Acq: 18 Aug 2023 20:53

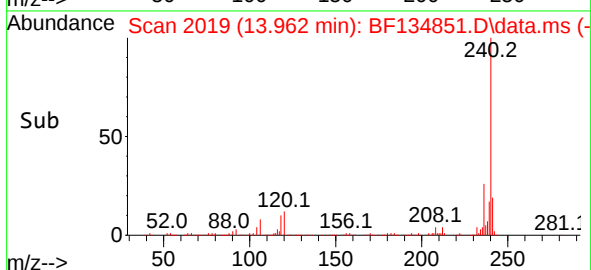
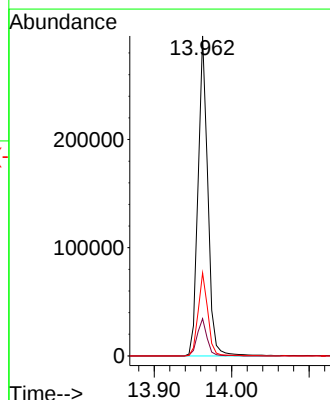
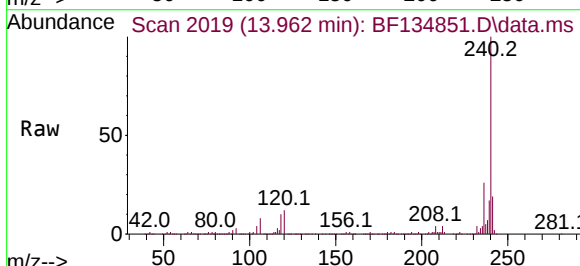
Tgt Ion:240 Resp: 258147

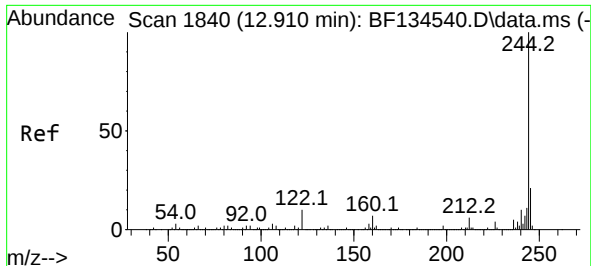
Ion Ratio Lower Upper

240 100

120 11.6 6.6 10.0#

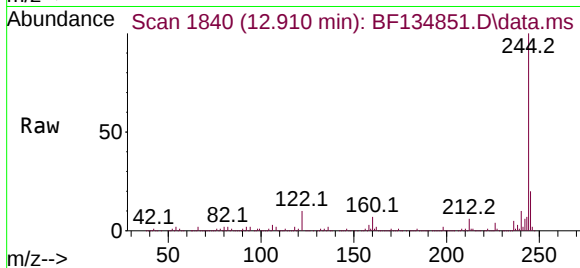
236 25.9 20.2 30.2



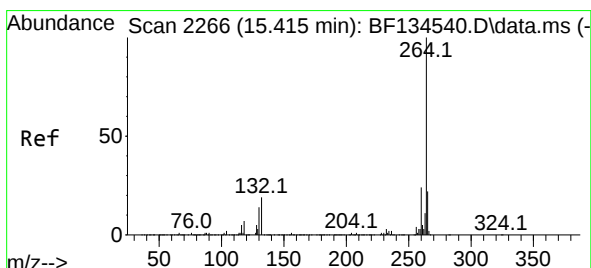
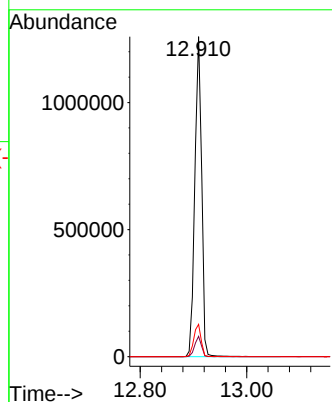
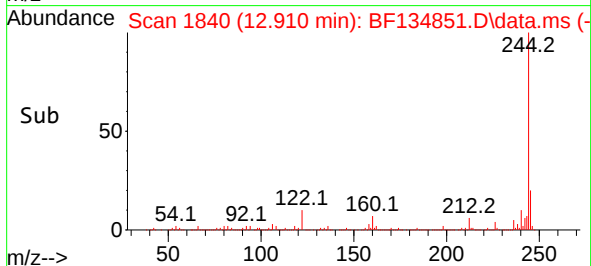


#79
 Terphenyl-d14
 Concen: 76.299 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134851.D
 Acq: 18 Aug 2023 20:53

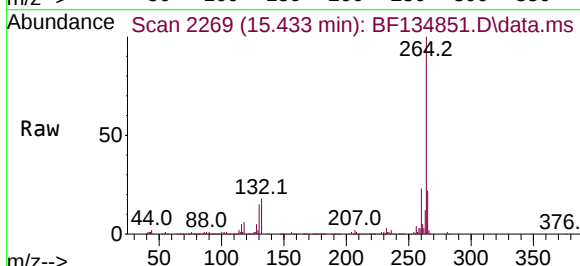
Instrument :
 BNA_F
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 FB04



Tgt Ion:244 Resp: 1117299
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 10.1 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF134851.D
 Acq: 18 Aug 2023 20:53



Tgt Ion:264 Resp: 175737
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 22.0 15.8 23.8

