

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
 Data File : BF134821.D
 Acq On : 17 Aug 2023 17:20
 Operator : CG\JU
 Sample : 04043-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-4

Quant Time: Aug 18 01:05:58 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	145715	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	602512	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	303117	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	549275	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	271300	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	336149	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	735016	76.677	ng	0.00
7) Phenol-d6	6.428	99	922066	75.248	ng	-0.01
23) Nitrobenzene-d5	7.351	82	555078	57.573	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	264631	85.641	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	996326	54.652	ng	-0.02
79) Terphenyl-d14	12.910	244	941465	61.175	ng	-0.01

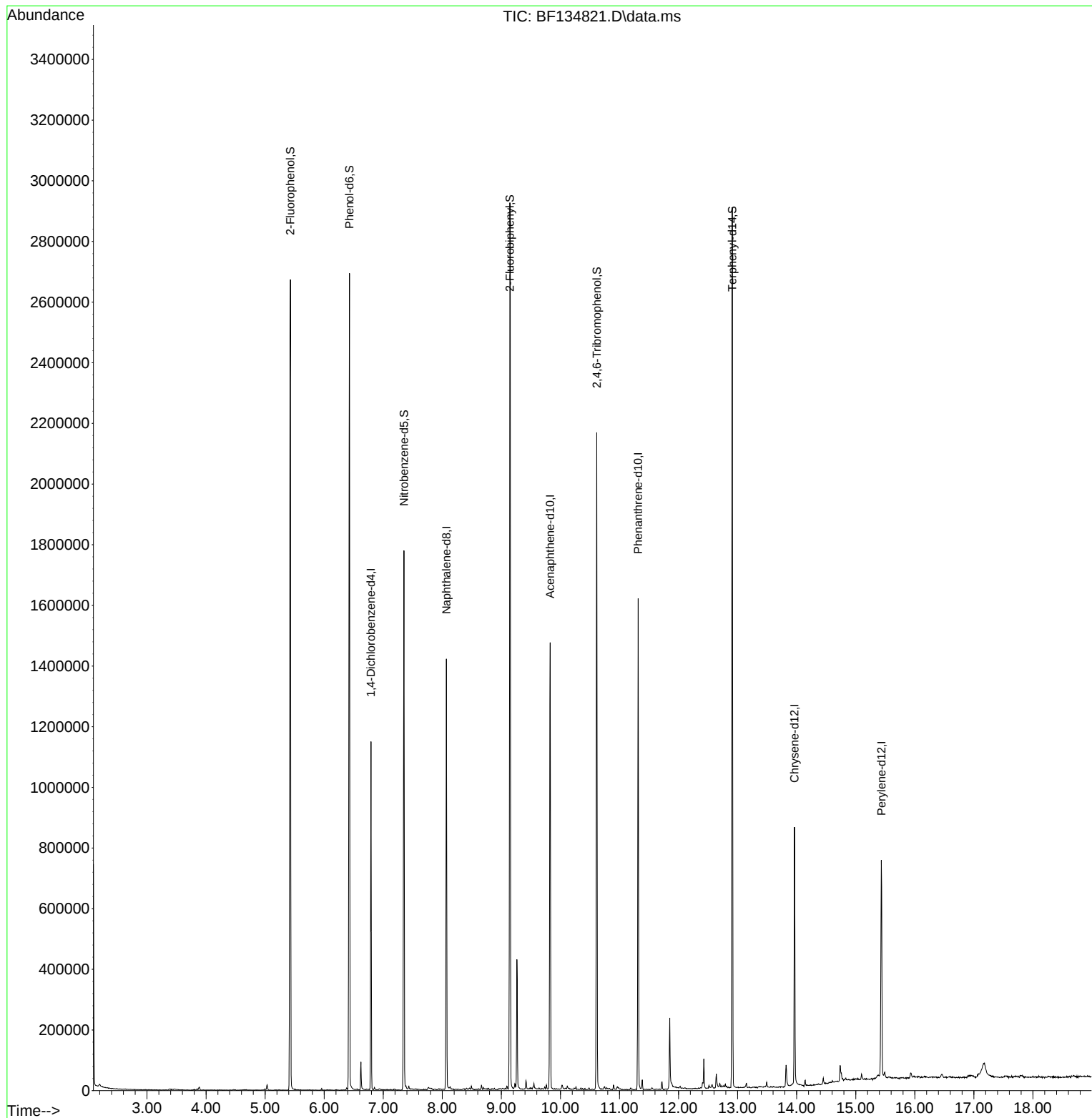
Target Compounds	Qvalue

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

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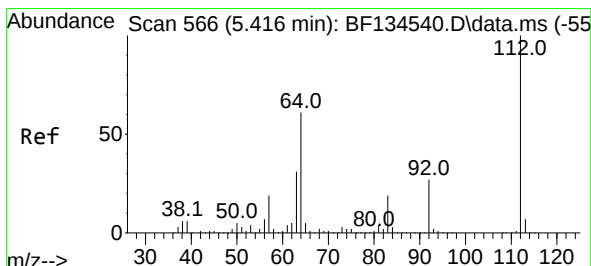
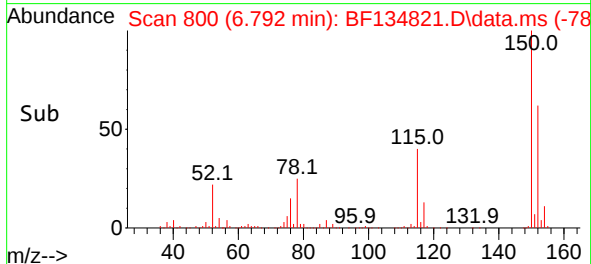
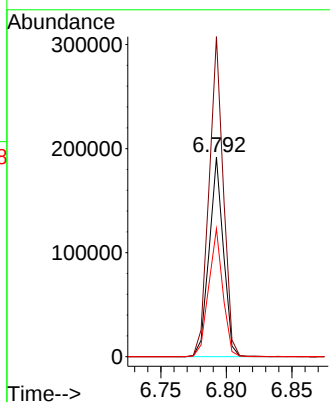
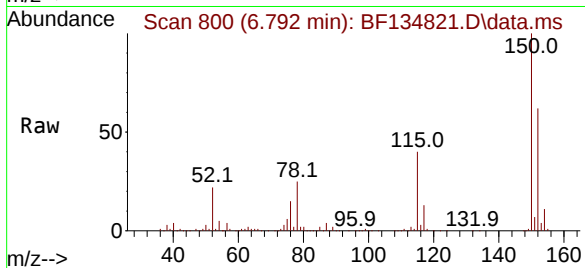




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF134821.D
Acq: 17 Aug 2023 17:20

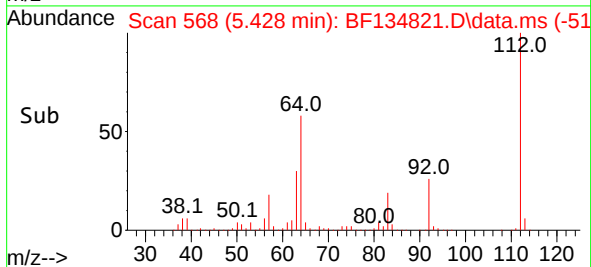
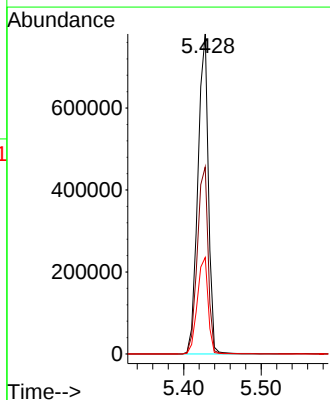
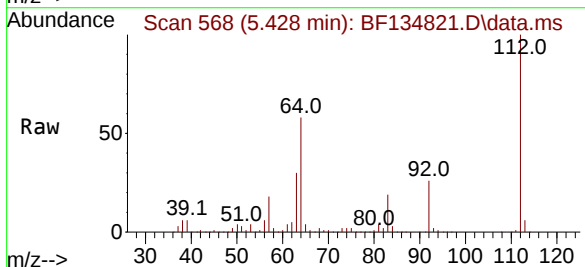
Instrument :
BNA_F
ClientSampleId :
E-4

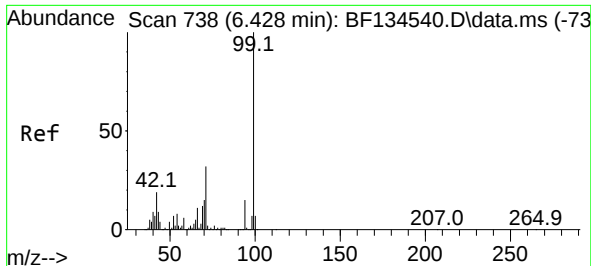
Tgt Ion:152 Resp: 145715
Ion Ratio Lower Upper
152 100
150 160.2 128.3 192.5
115 64.1 52.4 78.6



#5
2-Fluorophenol
Concen: 76.677 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134821.D
Acq: 17 Aug 2023 17:20

Tgt Ion:112 Resp: 735016
Ion Ratio Lower Upper
112 100
64 58.4 44.9 67.3
63 30.1 25.4 38.0





#7
Phenol-d6
Concen: 75.248 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134821.D
Acq: 17 Aug 2023 17:20

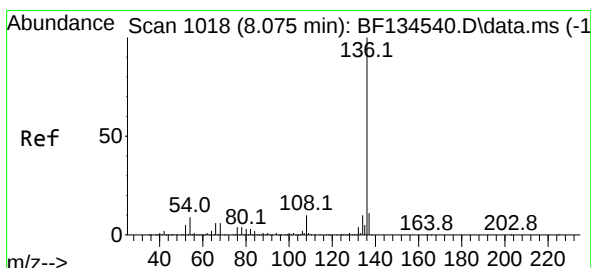
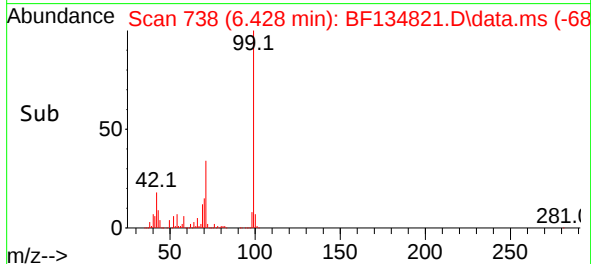
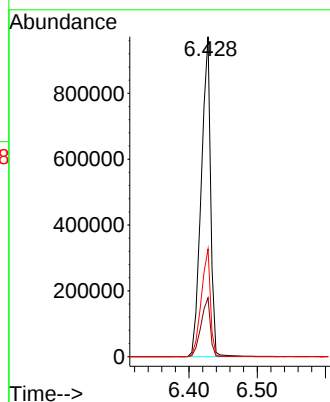
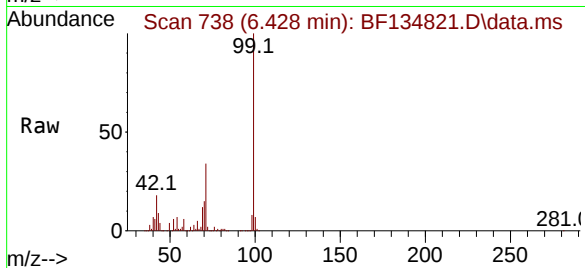
Instrument :

BNA_F

ClientSampleId :

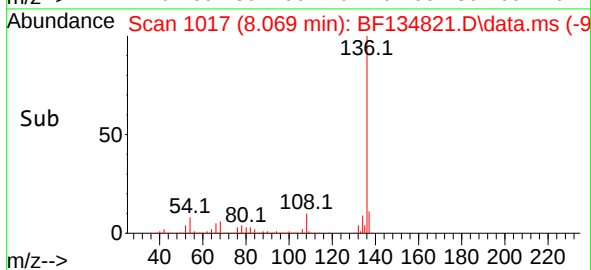
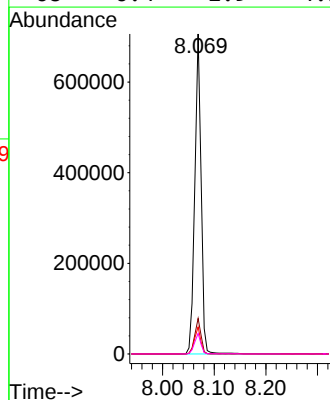
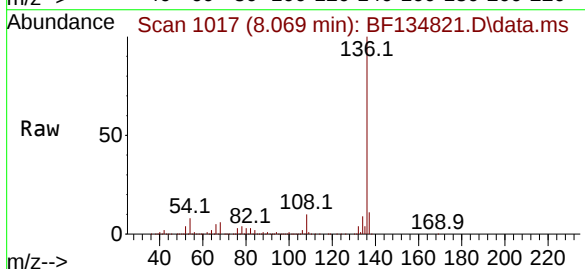
E-4

Tgt Ion: 99 Resp: 922066
Ion Ratio Lower Upper
99 100
42 18.4 18.7 28.1#
71 33.7 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: BF134821.D
Acq: 17 Aug 2023 17:20

Tgt Ion: 136 Resp: 602512
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.4 5.2 7.8#
68 6.4 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 57.573 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF134821.D

Acq: 17 Aug 2023 17:20

Instrument :

BNA_F

ClientSampleId :

E-4

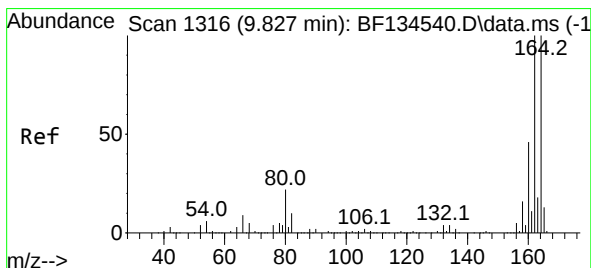
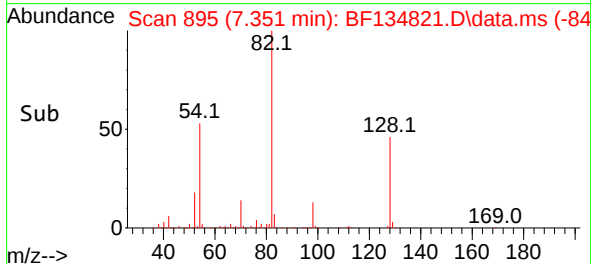
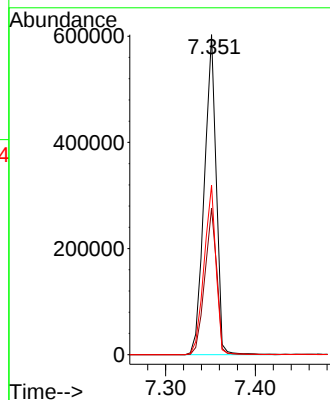
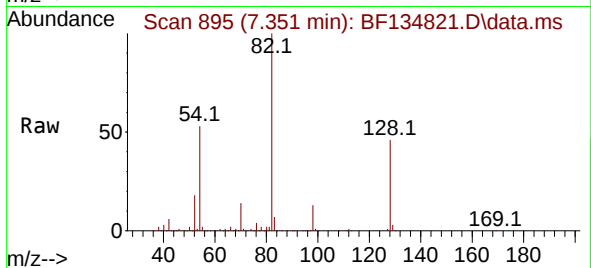
Tgt Ion: 82 Resp: 555078

Ion Ratio Lower Upper

82 100

128 45.8 34.3 51.5

54 52.9 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF134821.D

Acq: 17 Aug 2023 17:20

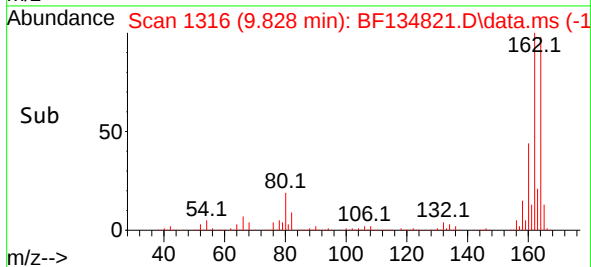
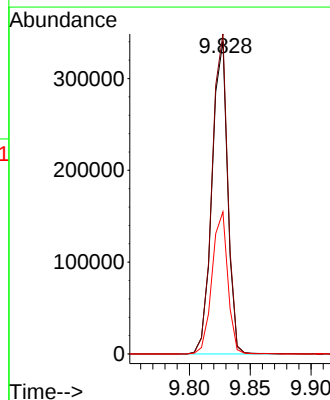
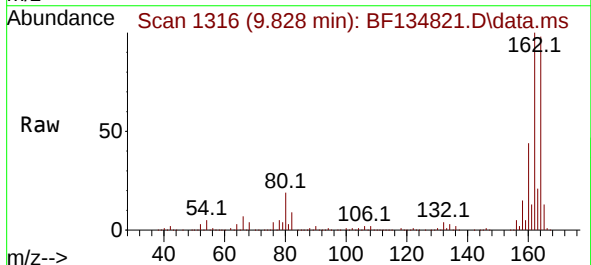
Tgt Ion:164 Resp: 303117

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

160 45.5 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 85.641 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.012 min

Lab File: BF134821.D

Acq: 17 Aug 2023 17:20

Instrument :

BNA_F

ClientSampleId :

E-4

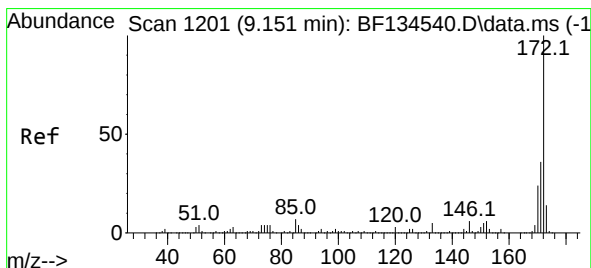
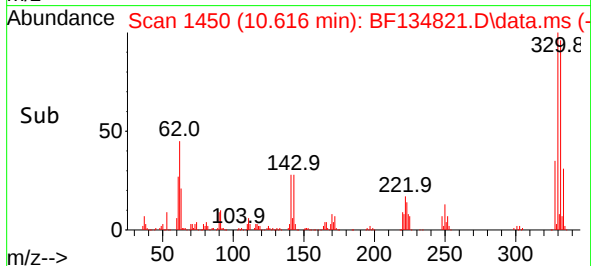
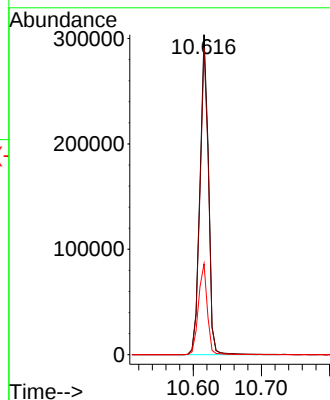
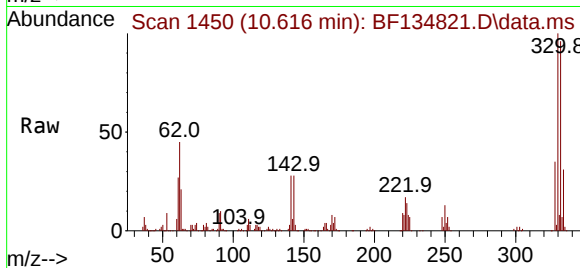
Tgt Ion:330 Resp: 264631

Ion Ratio Lower Upper

330 100

332 95.8 78.8 118.2

141 29.4 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 54.652 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.018 min

Lab File: BF134821.D

Acq: 17 Aug 2023 17:20

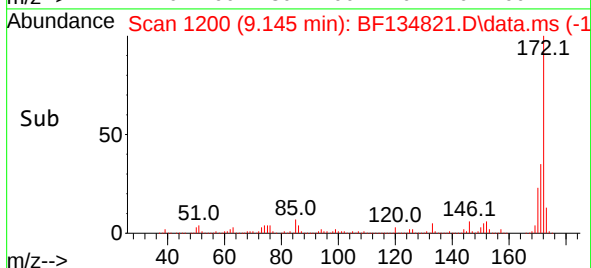
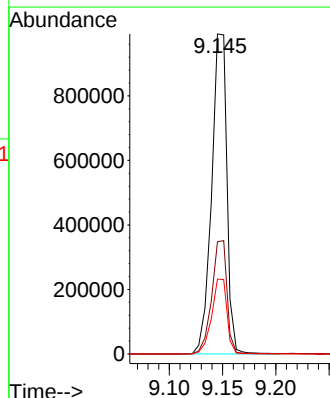
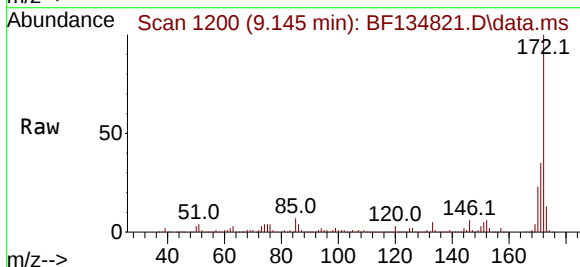
Tgt Ion:172 Resp: 996326

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134821.D

Acq: 17 Aug 2023 17:20

Instrument :

BNA_F

ClientSampleId :

E-4

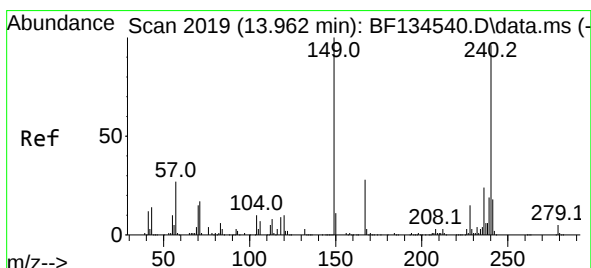
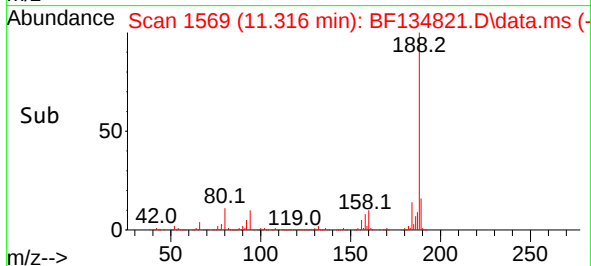
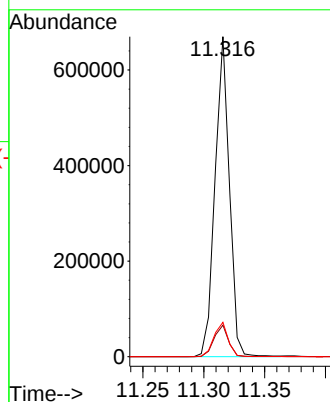
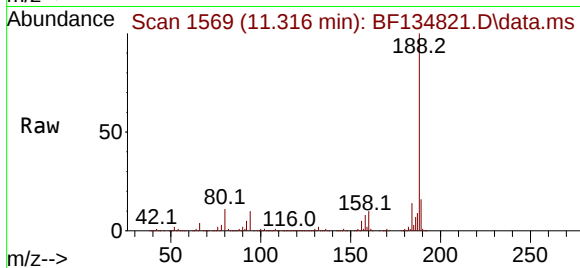
Tgt Ion:188 Resp: 549275

Ion Ratio Lower Upper

188 100

94 9.9 5.1 7.7#

80 10.8 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF134821.D

Acq: 17 Aug 2023 17:20

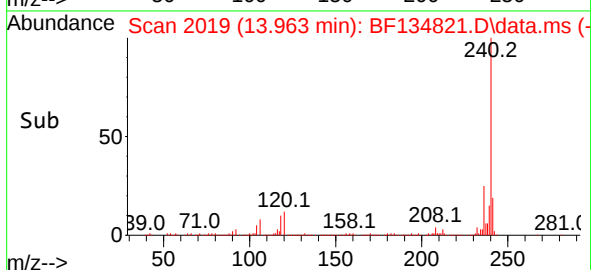
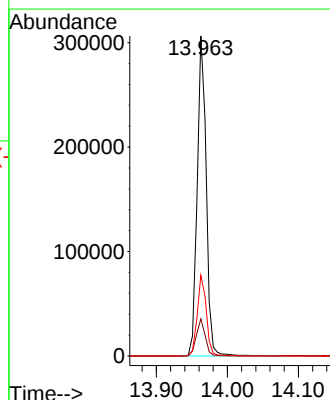
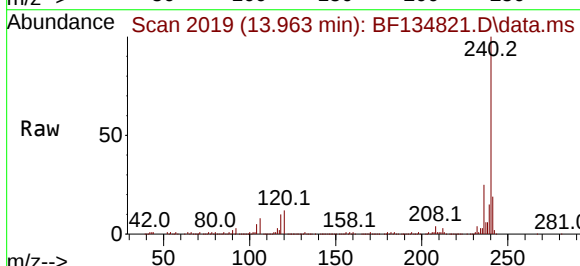
Tgt Ion:240 Resp: 271300

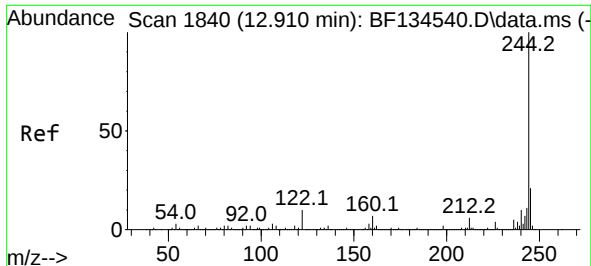
Ion Ratio Lower Upper

240 100

120 11.6 6.6 10.0#

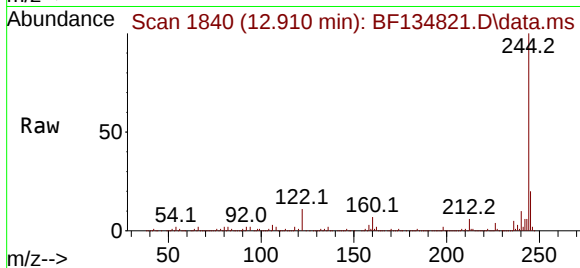
236 25.2 20.2 30.2



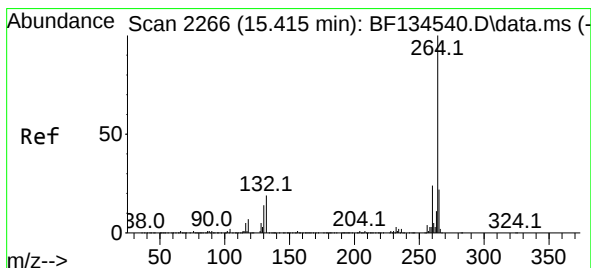
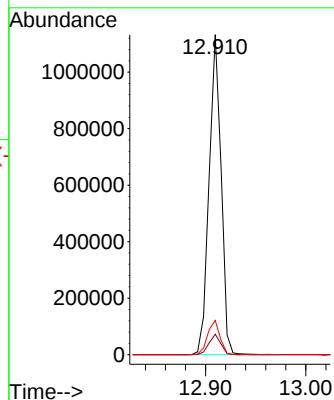
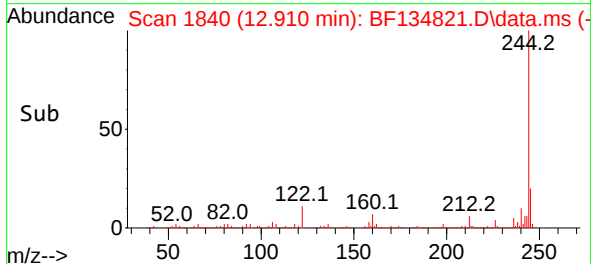


#79
 Terphenyl-d14
 Concen: 61.175 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134821.D
 Acq: 17 Aug 2023 17:20

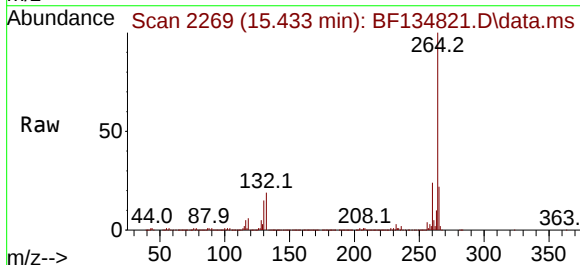
Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 941465
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 10.7 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF134821.D
 Acq: 17 Aug 2023 17:20



Tgt Ion:264 Resp: 336149
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 21.6 15.8 23.8

