

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134590.D
 Acq On : 02 Aug 2023 20:42
 Operator : CG\JU
 Sample : 03598-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-56-(2-5)

Quant Time: Aug 03 01:50:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	197351	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	758432	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	332253	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	517735	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	352750	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	281381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	844112	65.018	ng	0.00
7) Phenol-d6	6.422	99	1052754	63.434	ng	0.00
23) Nitrobenzene-d5	7.351	82	625401	51.531	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	214765	63.409	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1115858	55.841	ng	0.00
79) Terphenyl-d14	12.910	244	1028989	51.424	ng	0.00

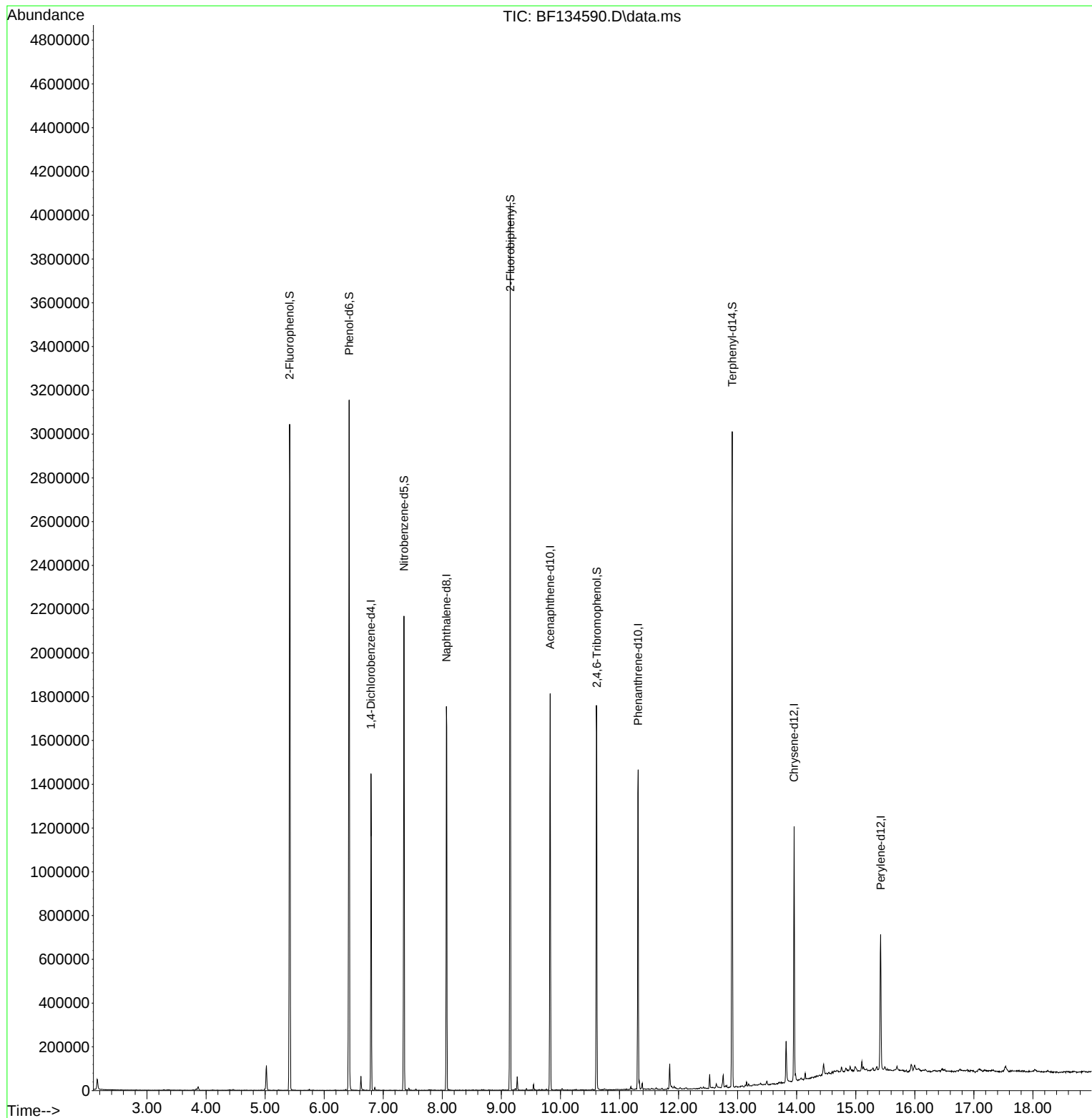
Target Compounds	Qvalue

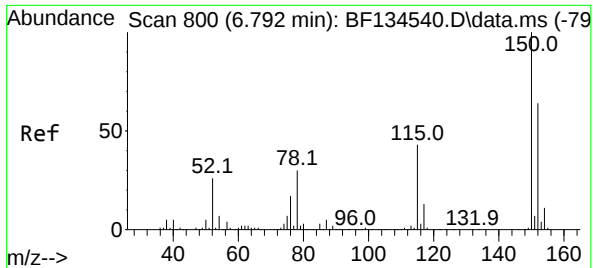
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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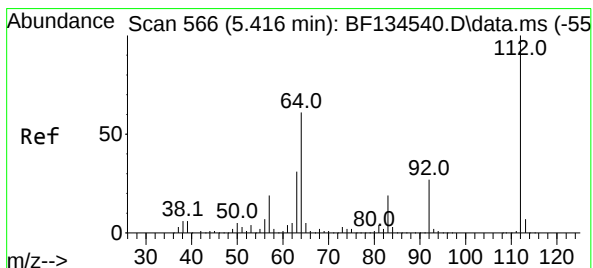
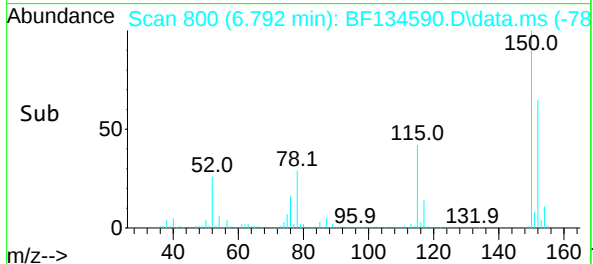
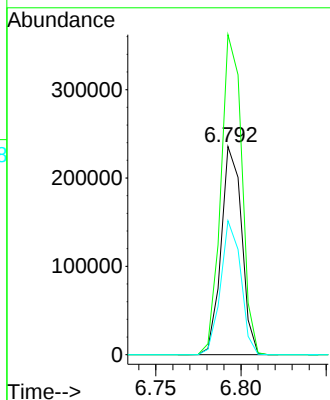
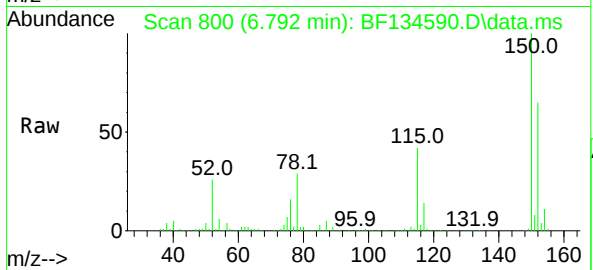




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134590.D
 Acq: 02 Aug 2023 20:42

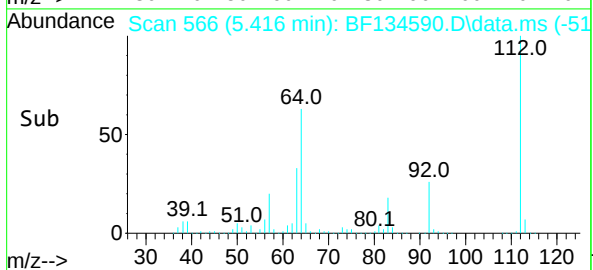
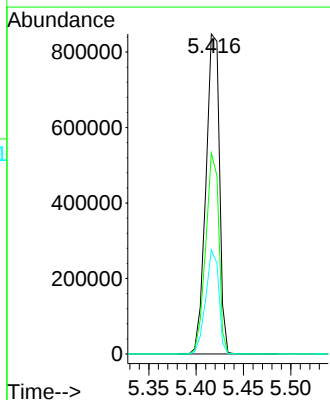
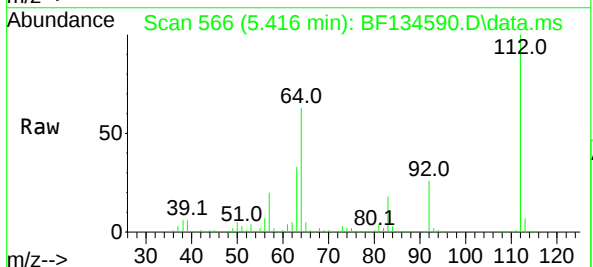
Instrument :
 BNA_F
 ClientSampleId :
 RB-56-(2-5)

Tgt Ion:152 Resp: 197351
 Ion Ratio Lower Upper
 152 100
 150 153.7 128.3 192.5
 115 64.4 52.4 78.6



#5
 2-Fluorophenol
 Concen: 65.018 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: BF134590.D
 Acq: 02 Aug 2023 20:42

Tgt Ion:112 Resp: 844112
 Ion Ratio Lower Upper
 112 100
 64 62.8 44.9 67.3
 63 32.5 25.4 38.0





#7

Phenol-d6

Concen: 63.434 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF134590.D

Acq: 02 Aug 2023 20:42

Instrument :

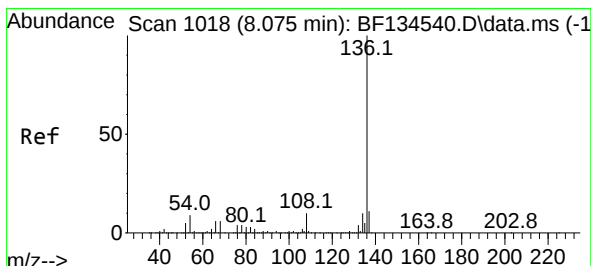
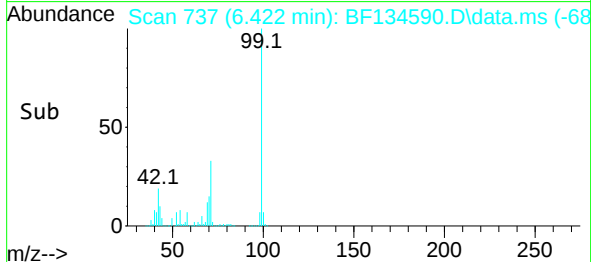
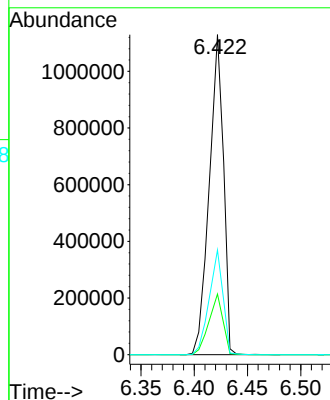
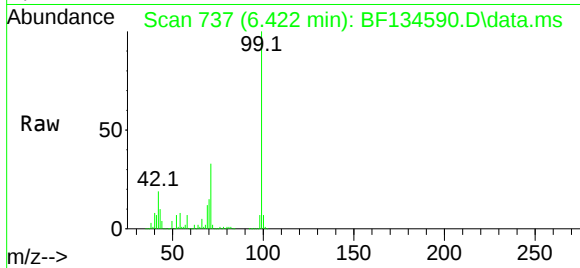
BNA_F

ClientSampleId :

RB-56-(2-5)

Tgt Ion: 99 Resp: 1052754

Ion	Ratio	Lower	Upper
99	100		
42	19.0	18.7	28.1
71	32.7	36.4	54.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1017

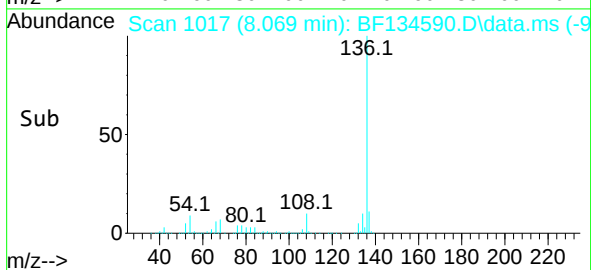
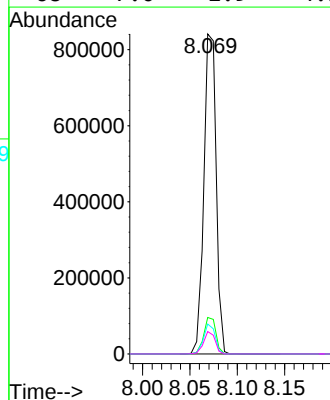
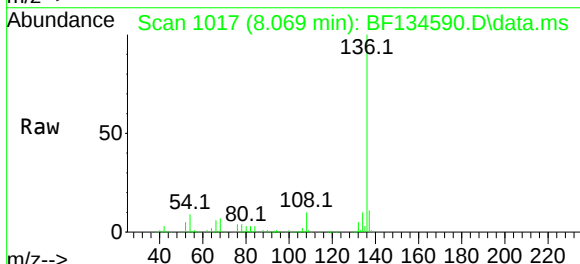
Delta R.T. -0.006 min

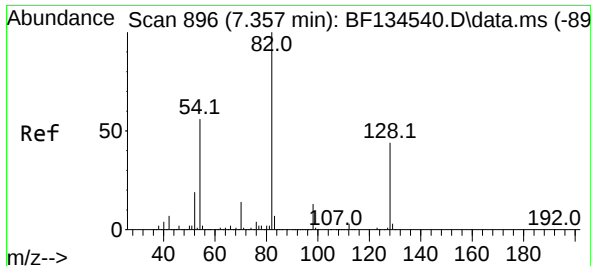
Lab File: BF134590.D

Acq: 02 Aug 2023 20:42

Tgt Ion: 136 Resp: 758432

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.4	5.2	7.8#
68	7.0	2.9	4.3#





#23

Nitrobenzene-d5

Concen: 51.531 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF134590.D

Acq: 02 Aug 2023 20:42

Instrument :

BNA_F

ClientSampleId :

RB-56-(2-5)

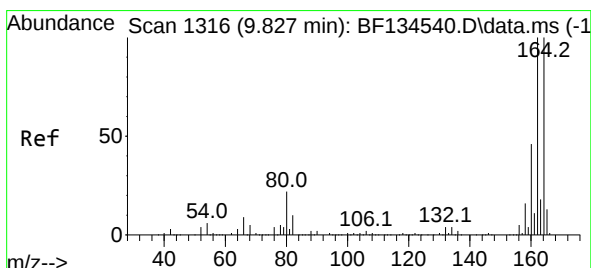
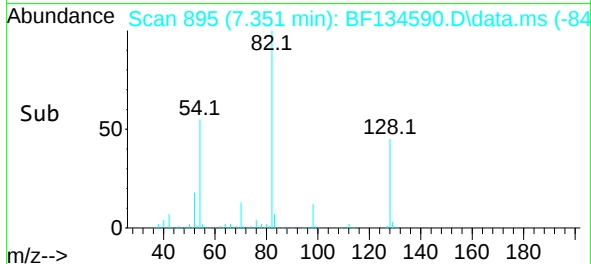
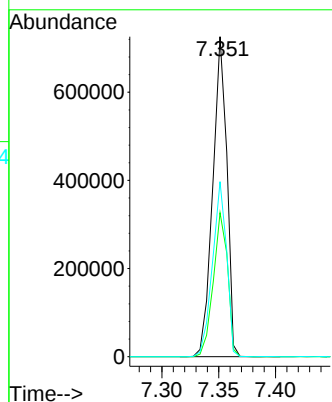
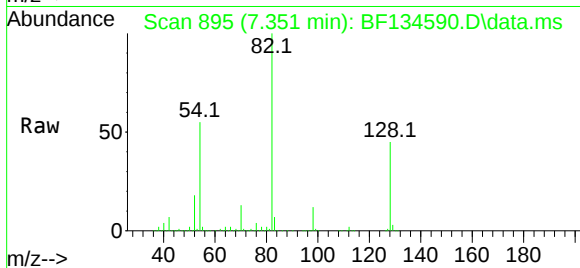
Tgt Ion: 82 Resp: 625401

Ion Ratio Lower Upper

82 100

128 45.0 34.3 51.5

54 54.7 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

Delta R.T. 0.000 min

Lab File: BF134590.D

Acq: 02 Aug 2023 20:42

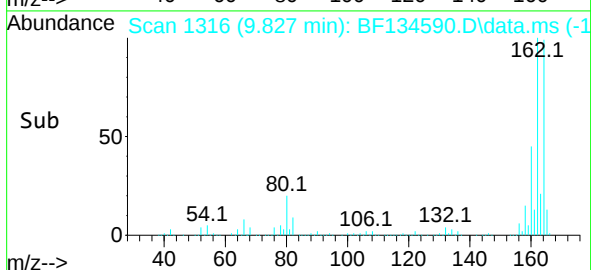
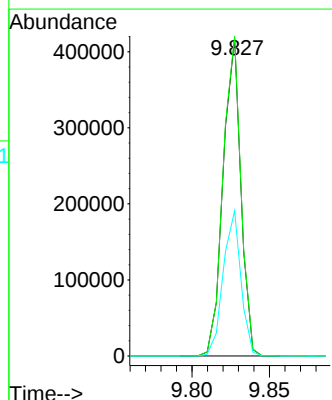
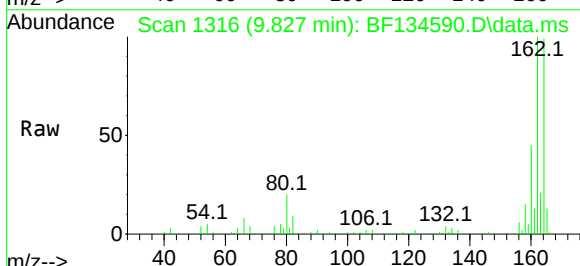
Tgt Ion: 164 Resp: 332253

Ion Ratio Lower Upper

164 100

162 100.6 82.6 123.8

160 45.6 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 63.409 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF134590.D

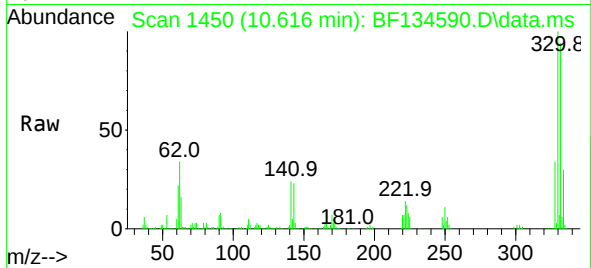
Acq: 02 Aug 2023 20:42

Instrument :

BNA_F

ClientSampleId :

RB-56-(2-5)



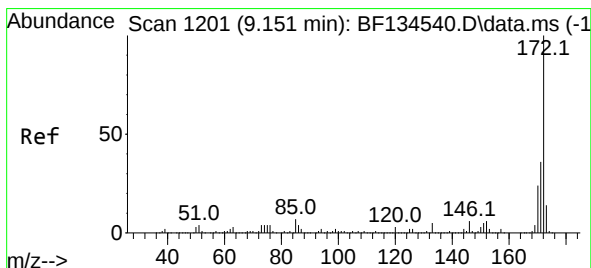
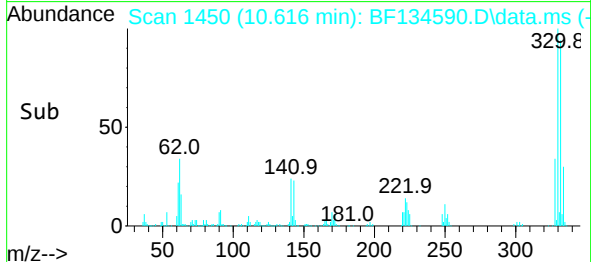
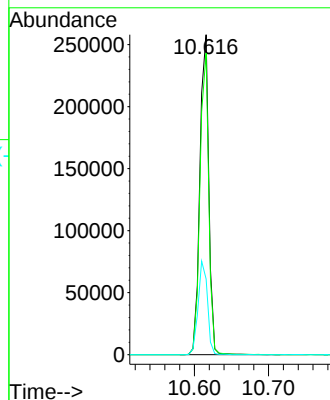
Tgt Ion:330 Resp: 214765

Ion Ratio Lower Upper

330 100

332 92.8 78.8 118.2

141 30.4 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 55.841 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF134590.D

Acq: 02 Aug 2023 20:42

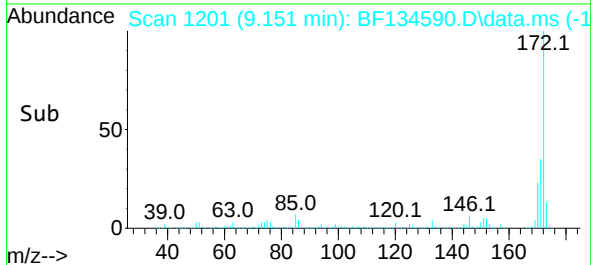
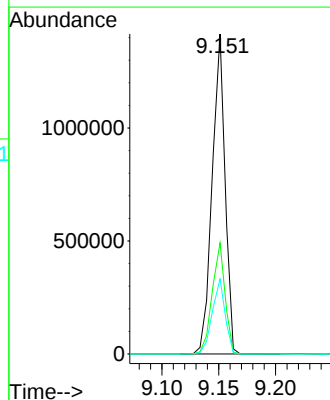
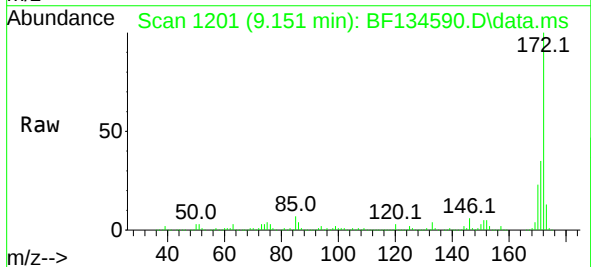
Tgt Ion:172 Resp: 1115858

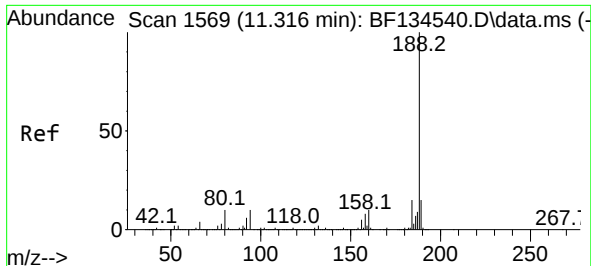
Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 23.4 18.7 28.1

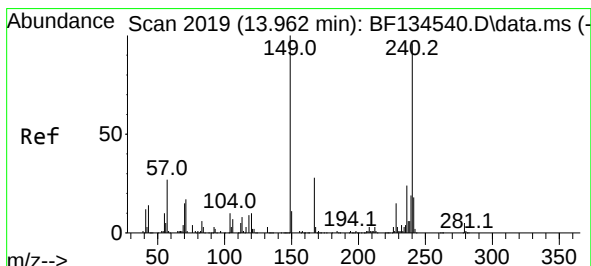
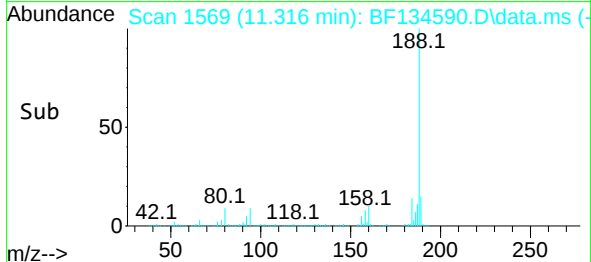
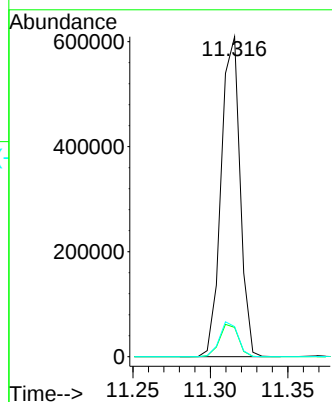
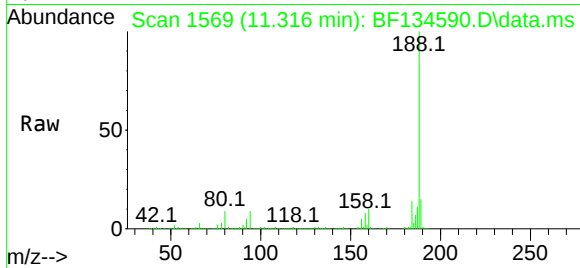




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134590.D
Acq: 02 Aug 2023 20:42

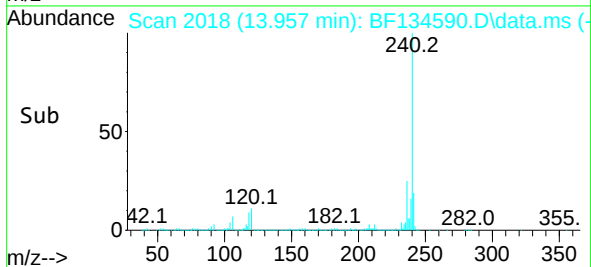
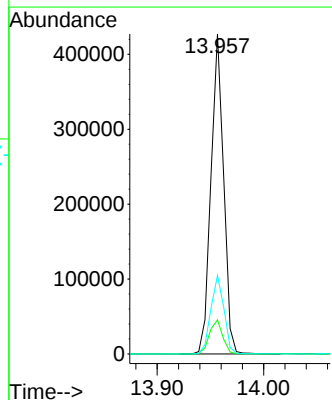
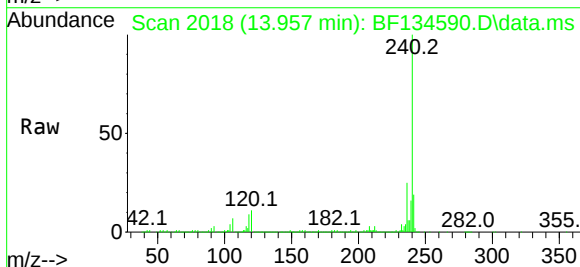
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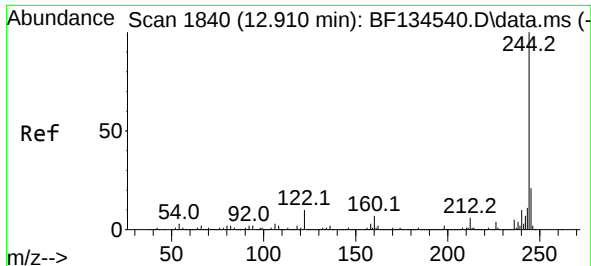
Tgt Ion:188 Resp: 517735
Ion Ratio Lower Upper
188 100
94 9.2 5.1 7.7#
80 9.4 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF134590.D
Acq: 02 Aug 2023 20:42

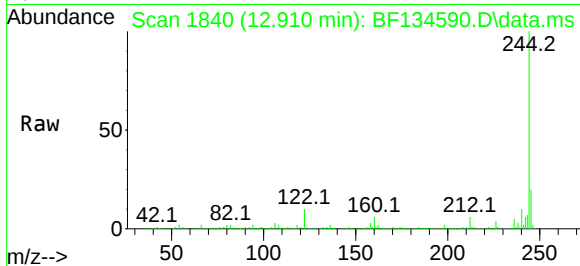
Tgt Ion:240 Resp: 352750
Ion Ratio Lower Upper
240 100
120 10.7 6.6 10.0#
236 24.6 20.2 30.2





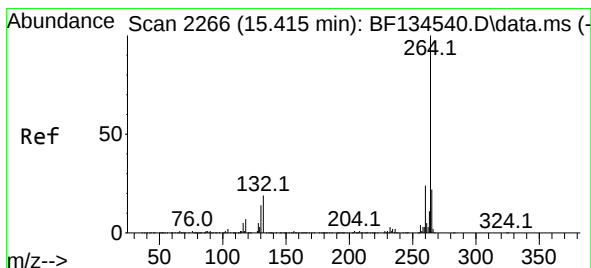
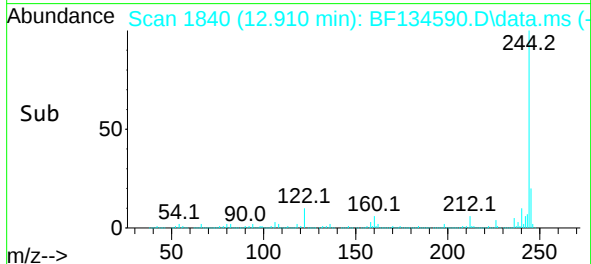
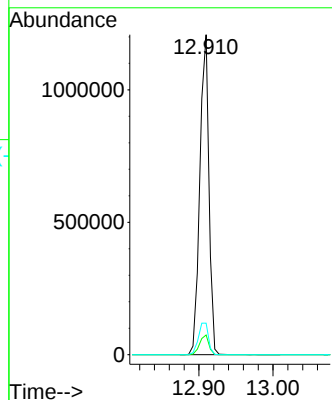
#79
 Terphenyl-d14
 Concen: 51.424 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF134590.D
 Acq: 02 Aug 2023 20:42

Instrument :
 BNA_F
 ClientSampleId :
 RB-56-(2-5)



Tgt Ion:244 Resp: 1028989

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.6	8.4
122	9.9	8.0	12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.006 min
 Lab File: BF134590.D
 Acq: 02 Aug 2023 20:42

Tgt Ion:264 Resp: 281381

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.4	27.6
265	20.8	15.8	23.8

