

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
 Data File : BF134664.D
 Acq On : 08 Aug 2023 11:03
 Operator : CG\JU
 Sample : 03881-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1

Quant Time: Aug 09 02:16:16 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	178552	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	722629	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	364495	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	615117	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	372887	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	374764	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1165103	99.191	ng	0.00
7) Phenol-d6	6.428	99	1180801	78.641	ng	-0.01
23) Nitrobenzene-d5	7.363	82	1513598	130.895	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	656611	176.714	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2436158	111.129	ng	0.00
79) Terphenyl-d14	12.916	244	2373202	112.196	ng	0.00

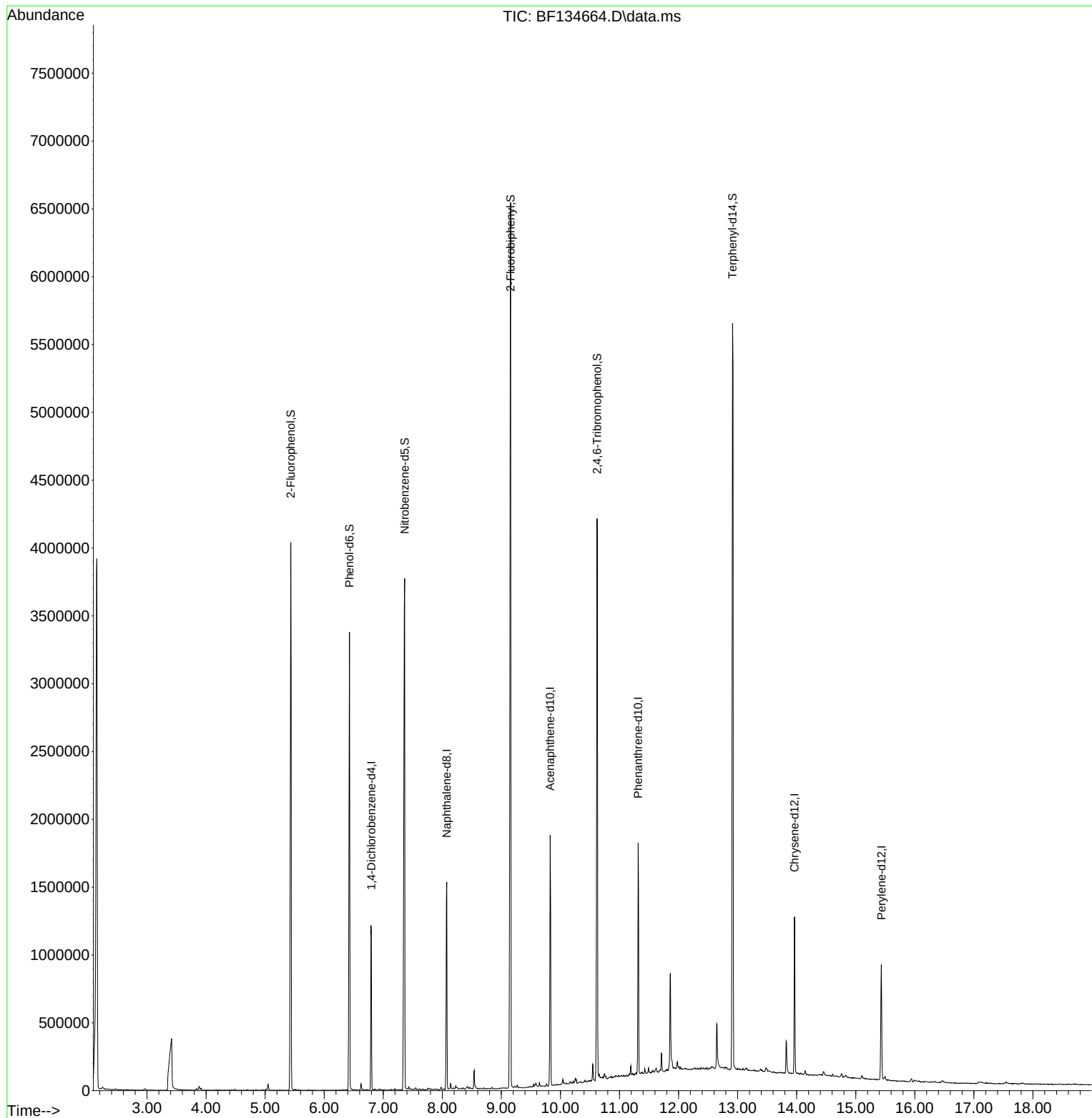
Target Compounds	Qvalue

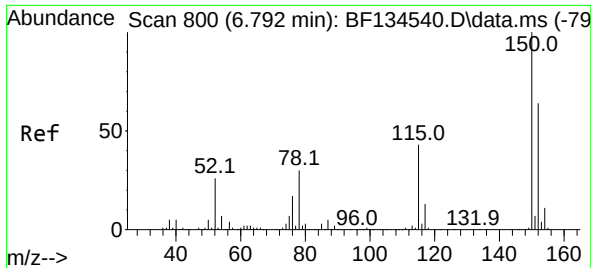
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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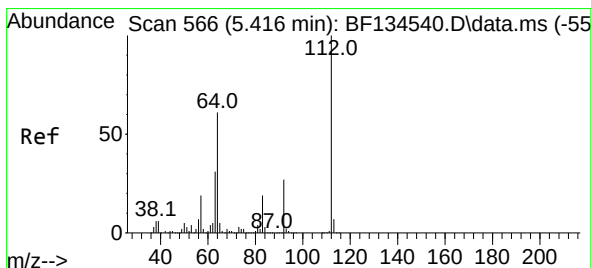
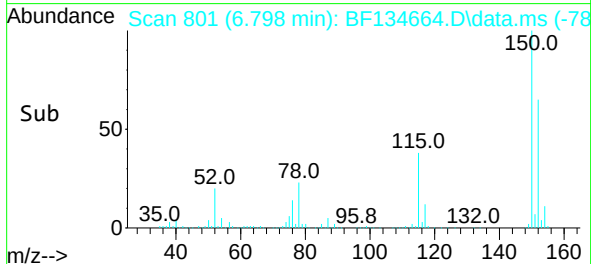
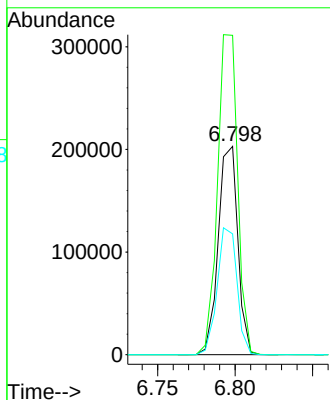
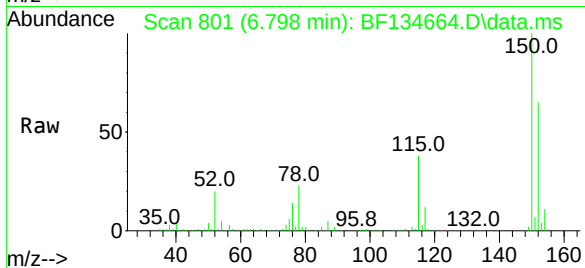




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134664.D
 Acq: 08 Aug 2023 11:03

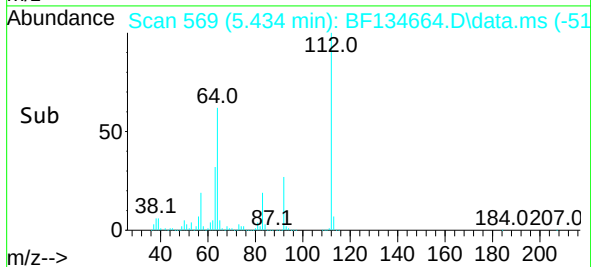
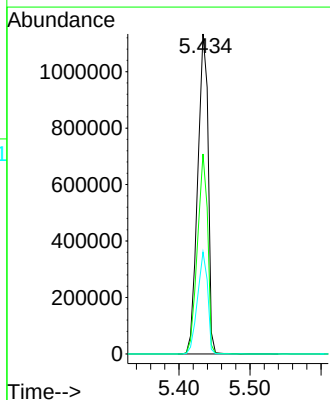
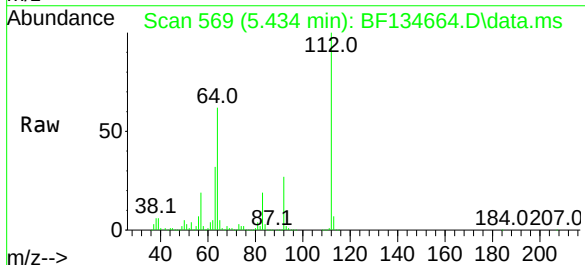
Instrument :
 BNA_F
 ClientSampleId :
 MH-1

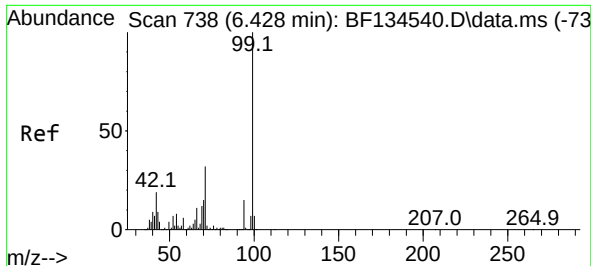
Tgt Ion:152 Resp: 178552
 Ion Ratio Lower Upper
 152 100
 150 153.3 128.3 192.5
 115 58.0 52.4 78.6



#5
 2-Fluorophenol
 Concen: 99.191 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF134664.D
 Acq: 08 Aug 2023 11:03

Tgt Ion:112 Resp: 1165103
 Ion Ratio Lower Upper
 112 100
 64 62.5 44.9 67.3
 63 31.8 25.4 38.0

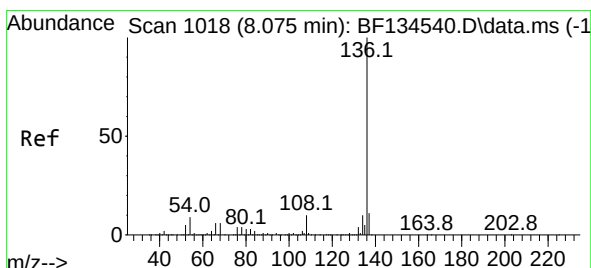
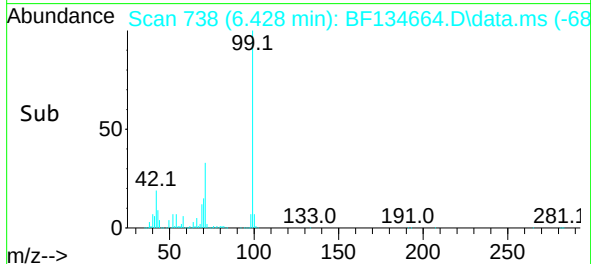
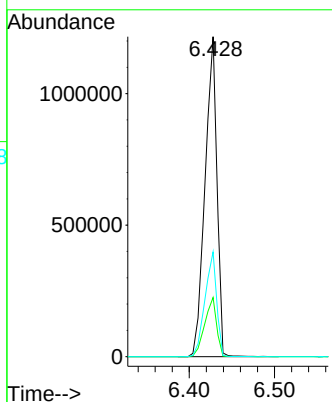
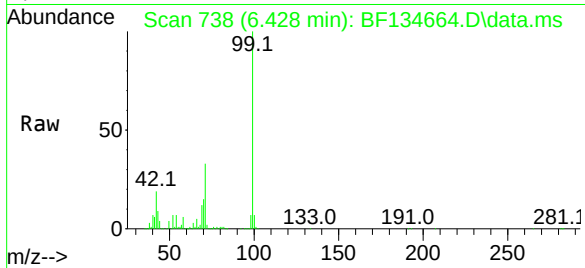




#7
Phenol-d6
Concen: 78.641 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134664.D
Acq: 08 Aug 2023 11:03

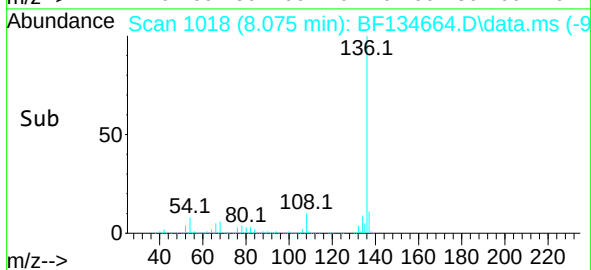
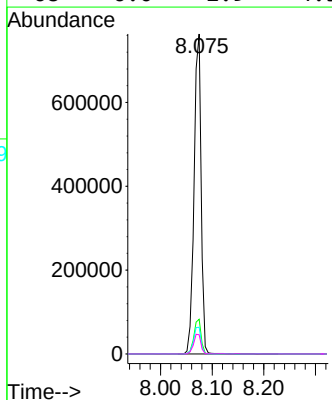
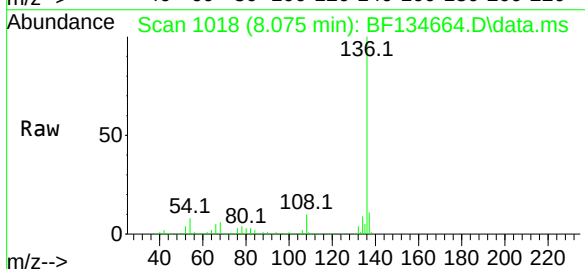
Instrument :
BNA_F
ClientSampleId :
MH-1

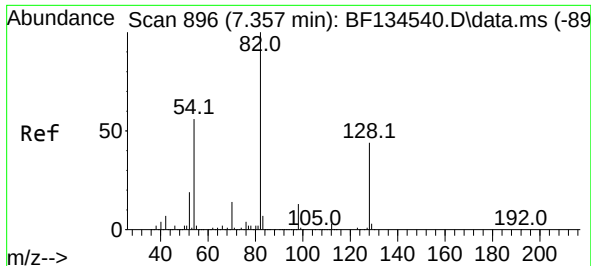
Tgt Ion: 99 Resp: 1180801
Ion Ratio Lower Upper
99 100
42 18.5 18.7 28.1#
71 32.7 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134664.D
Acq: 08 Aug 2023 11:03

Tgt Ion: 136 Resp: 722629
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.3 5.2 7.8#
68 6.0 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 130.895 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF134664.D

Acq: 08 Aug 2023 11:03

Instrument :

BNA_F

ClientSampleId :

MH-1

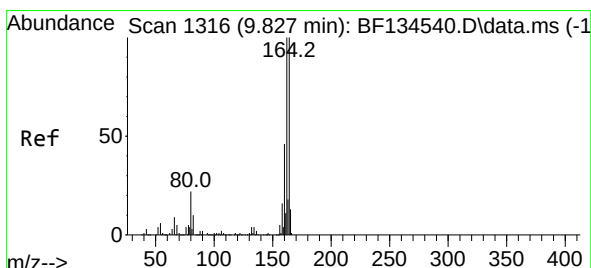
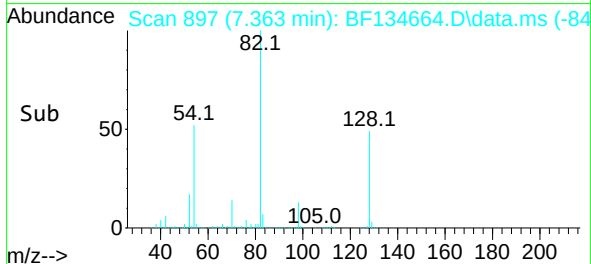
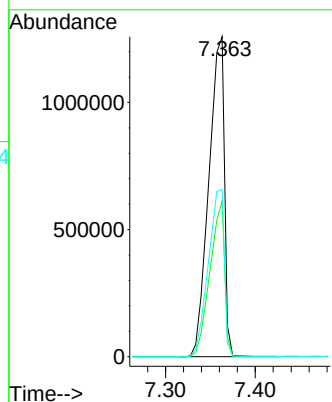
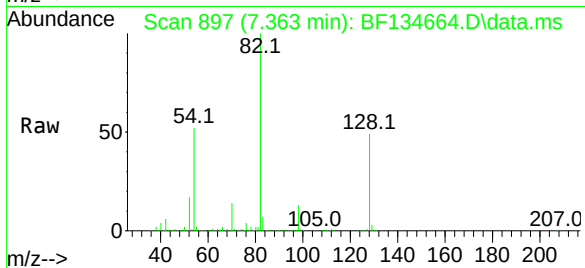
Tgt Ion: 82 Resp: 1513598

Ion Ratio Lower Upper

82 100

128 48.6 34.3 51.5

54 52.2 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: BF134664.D

Acq: 08 Aug 2023 11:03

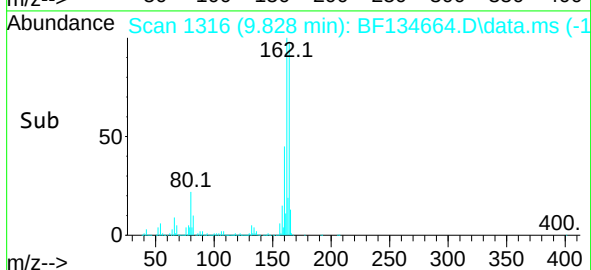
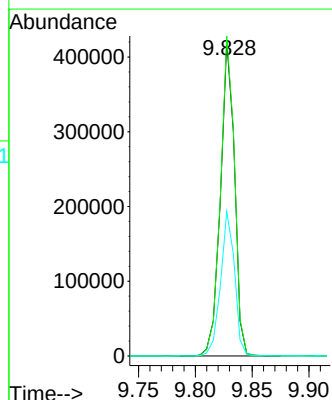
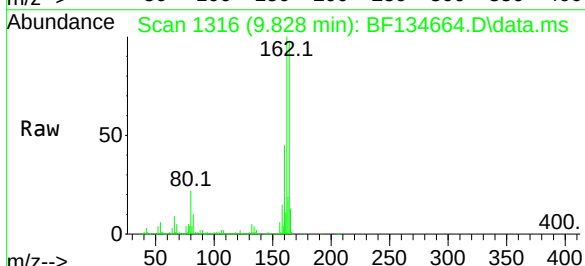
Tgt Ion:164 Resp: 364495

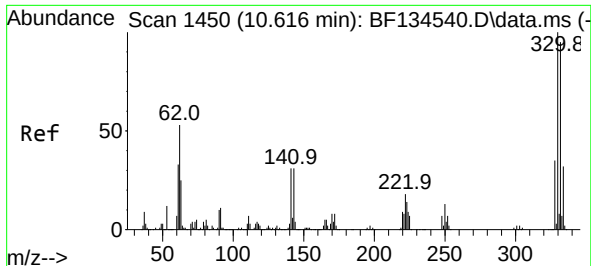
Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

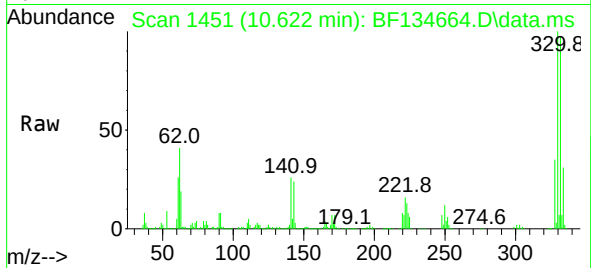
160 45.8 37.2 55.8



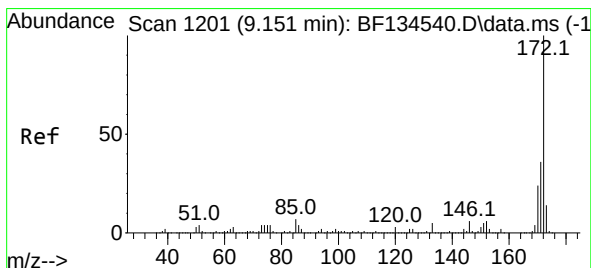
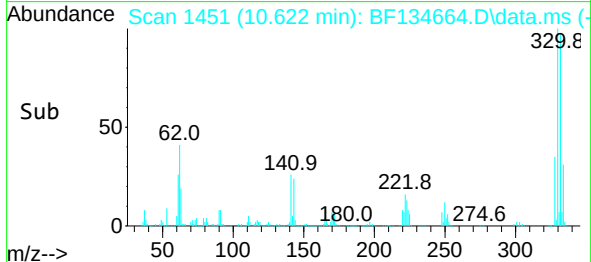
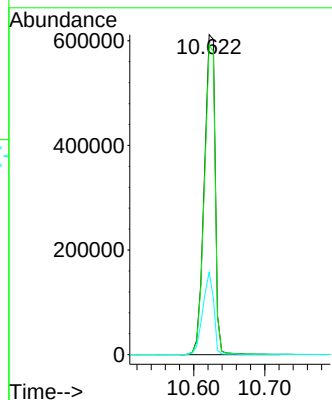


#42
2,4,6-Tribromophenol
Concen: 176.714 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134664.D
Acq: 08 Aug 2023 11:03

Instrument :
BNA_F
ClientSampleId :
MH-1

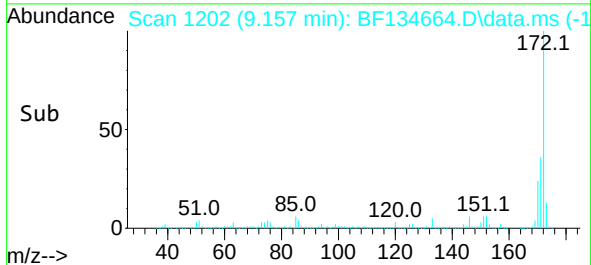
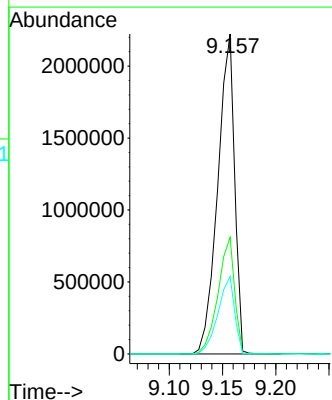
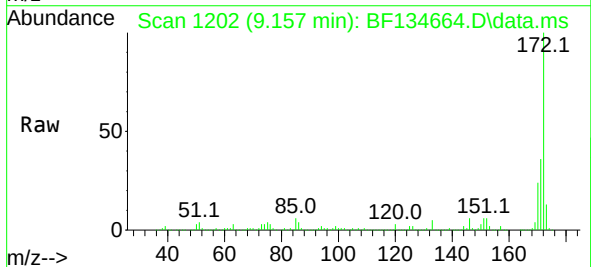


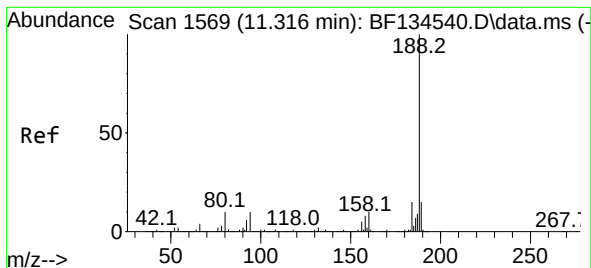
Tgt Ion:330 Resp: 656611
Ion Ratio Lower Upper
330 100
332 96.4 78.8 118.2
141 25.7 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 111.129 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134664.D
Acq: 08 Aug 2023 11:03

Tgt Ion:172 Resp: 2436158
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.2 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: BF134664.D

Acq: 08 Aug 2023 11:03

Instrument :

BNA_F

ClientSampleId :

MH-1

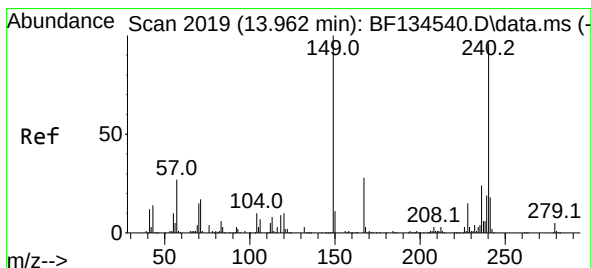
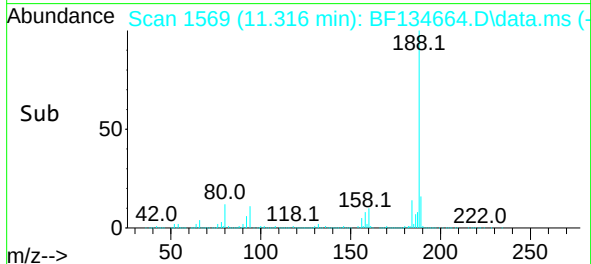
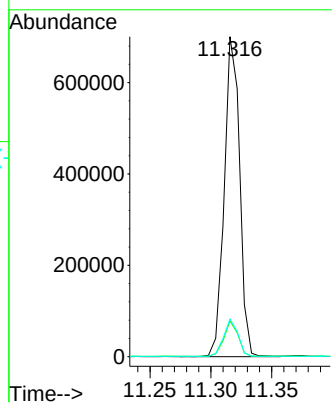
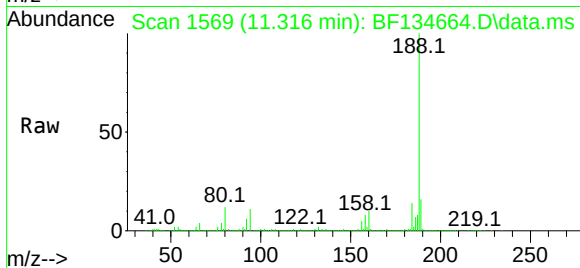
Tgt Ion:188 Resp: 615117

Ion Ratio Lower Upper

188 100

94 11.1 5.1 7.7#

80 11.8 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: BF134664.D

Acq: 08 Aug 2023 11:03

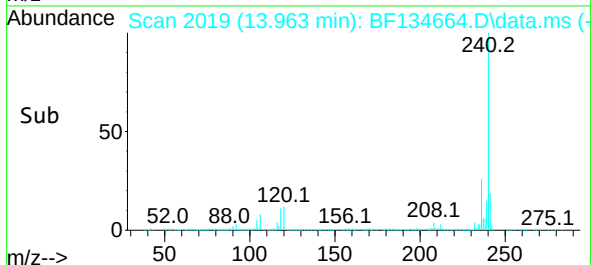
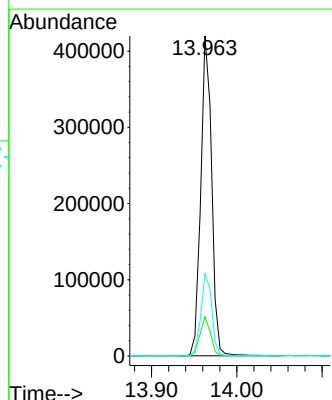
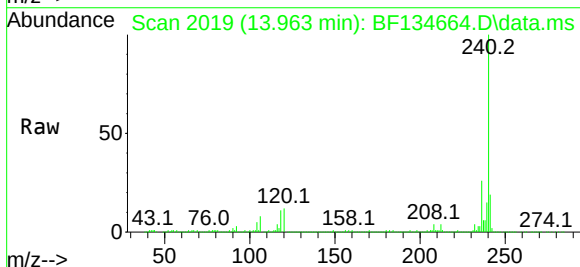
Tgt Ion:240 Resp: 372887

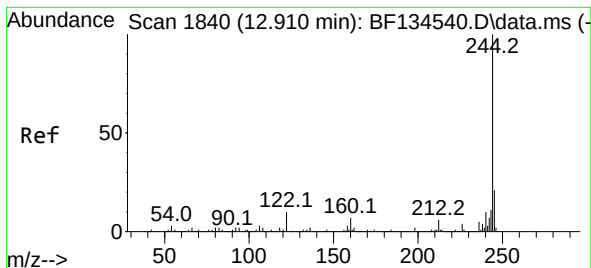
Ion Ratio Lower Upper

240 100

120 12.2 6.6 10.0#

236 25.7 20.2 30.2





#79

Terphenyl-d14

Concen: 112.196 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134664.D

Acq: 08 Aug 2023 11:03

Instrument :

BNA_F

ClientSampleId :

MH-1

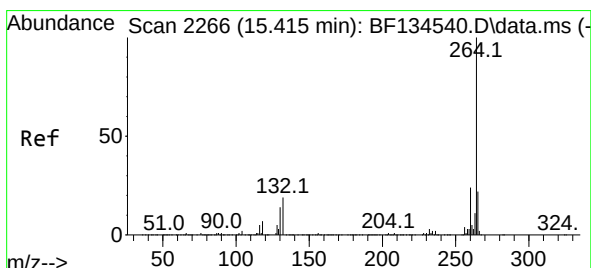
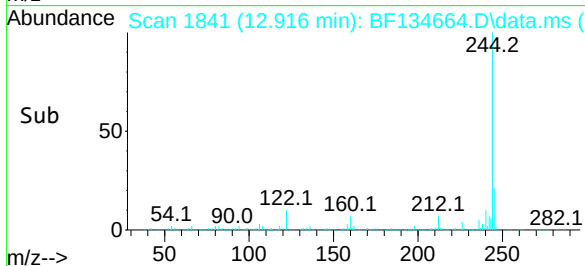
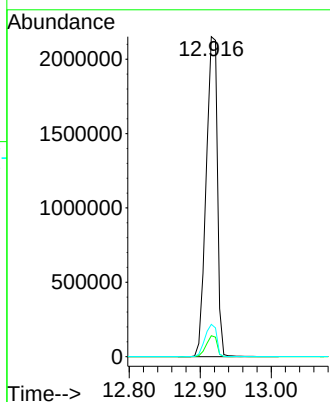
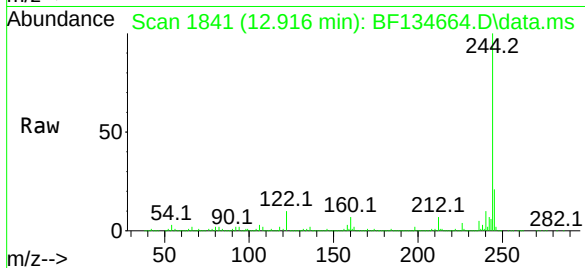
Tgt Ion:244 Resp: 2373202

Ion Ratio Lower Upper

244 100

212 6.5 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: BF134664.D

Acq: 08 Aug 2023 11:03

Tgt Ion:264 Resp: 374764

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 22.2 15.8 23.8

