

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
 Data File : BF134670.D
 Acq On : 08 Aug 2023 14:17
 Operator : CG\JU
 Sample : 03903-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Aug 09 02:17:34 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	196824	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	713268	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	302010	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	486625	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	349744	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	270987	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1120355	86.527	ng	0.00
7) Phenol-d6	6.440	99	1367045	82.593	ng	0.00
23) Nitrobenzene-d5	7.363	82	797116	69.839	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	257869	83.759	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1267725	69.794	ng	0.00
79) Terphenyl-d14	12.921	244	1170180	58.982	ng	0.00

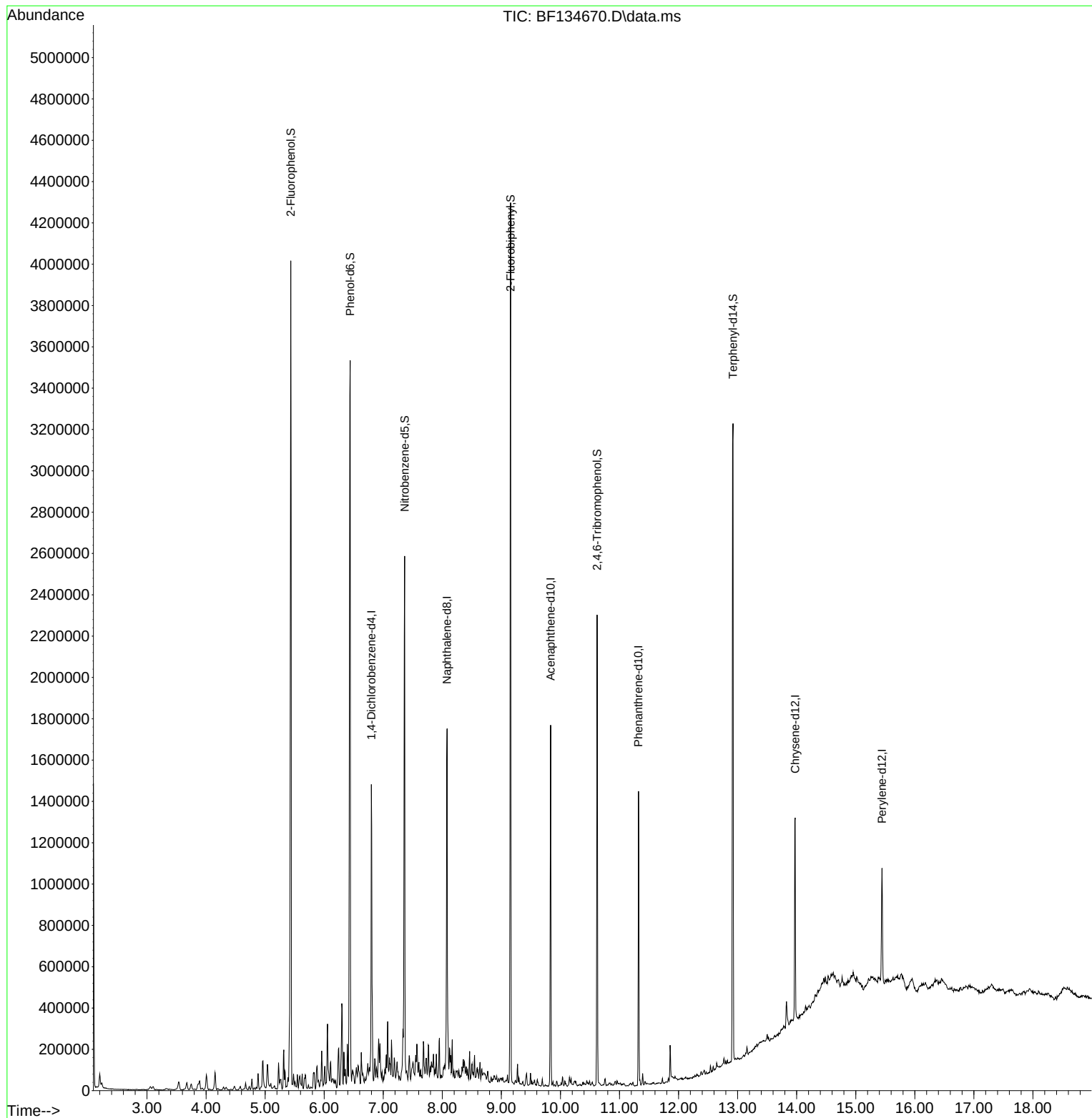
Target Compounds	Qvalue

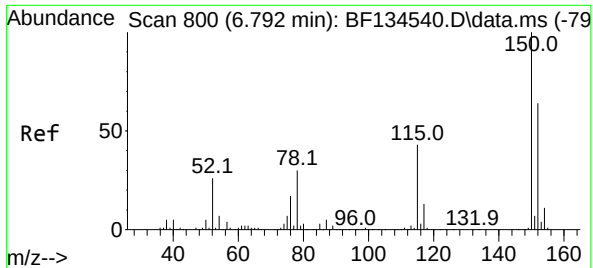
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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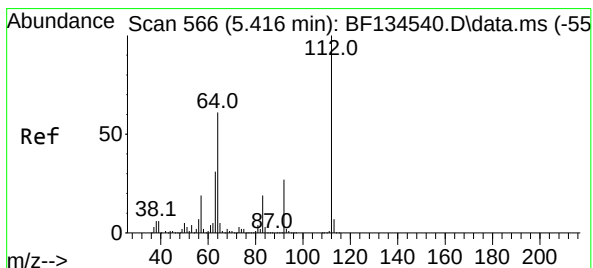
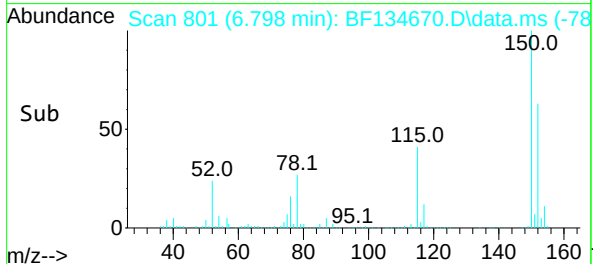
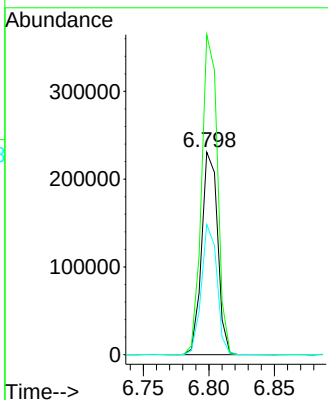
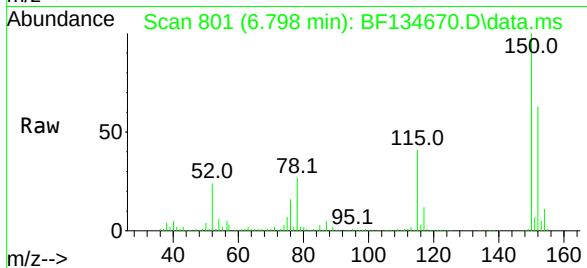




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134670.D
 Acq: 08 Aug 2023 14:17

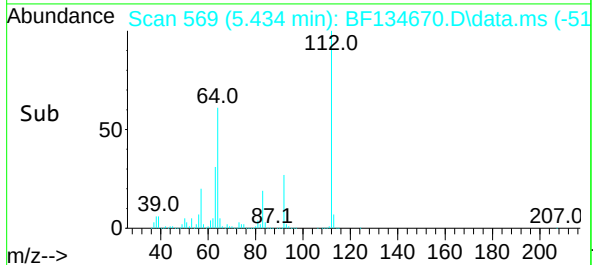
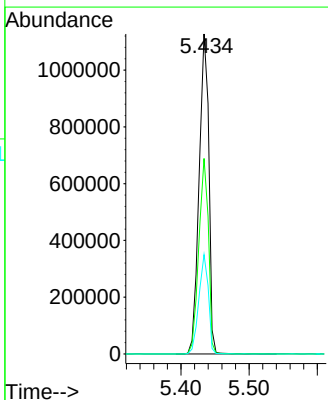
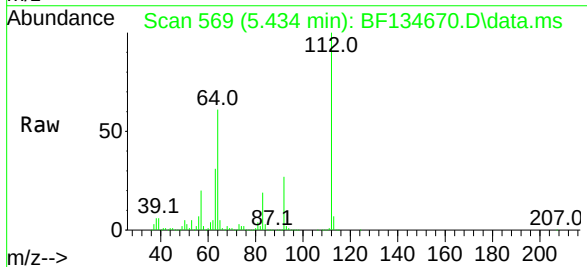
Instrument :
 BNA_F
 ClientSampleId :
 MW-01

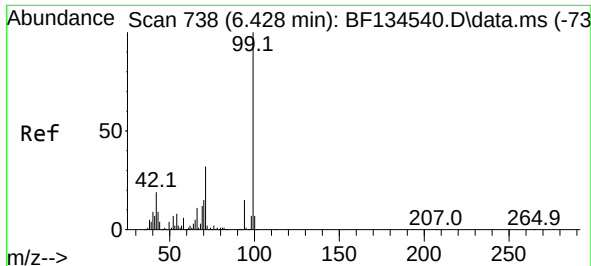
Tgt Ion:152 Resp: 196824
 Ion Ratio Lower Upper
 152 100
 150 157.9 128.3 192.5
 115 64.3 52.4 78.6



#5
 2-Fluorophenol
 Concen: 86.527 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF134670.D
 Acq: 08 Aug 2023 14:17

Tgt Ion:112 Resp: 1120355
 Ion Ratio Lower Upper
 112 100
 64 61.1 44.9 67.3
 63 31.0 25.4 38.0

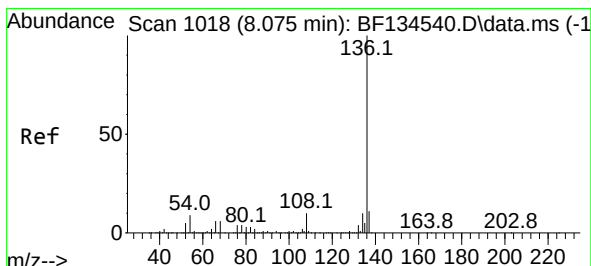
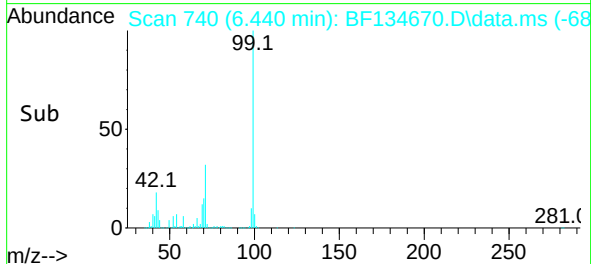
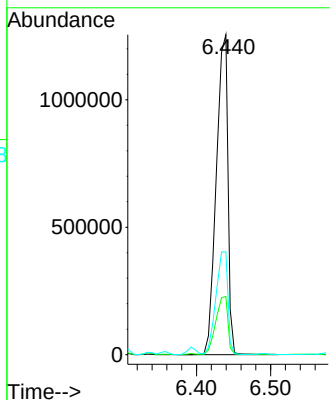
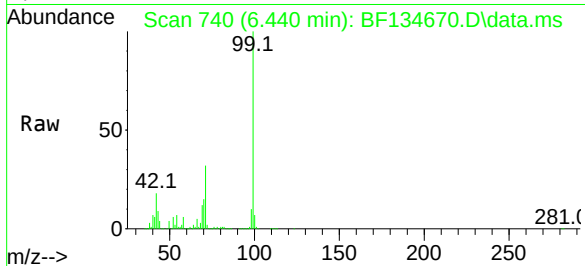




#7
Phenol-d6
Concen: 82.593 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134670.D
Acq: 08 Aug 2023 14:17

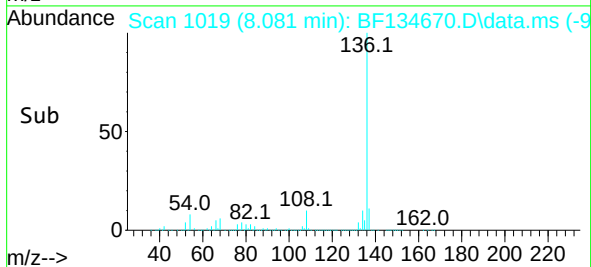
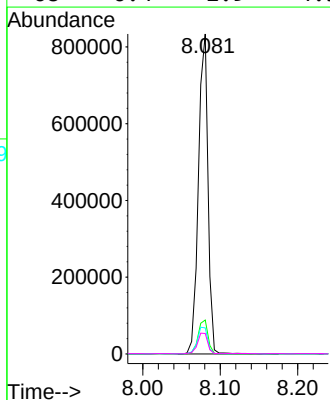
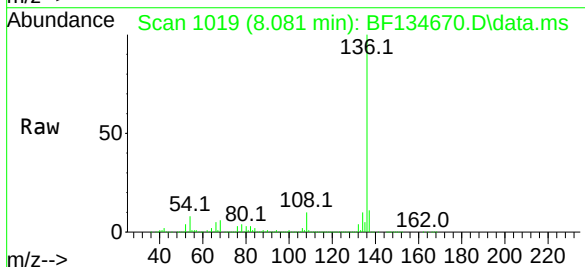
Instrument :
BNA_F
ClientSampleId :
MW-01

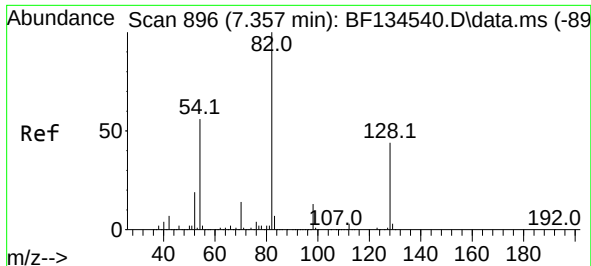
Tgt Ion: 99 Resp: 1367045
Ion Ratio Lower Upper
99 100
42 18.2 18.7 28.1#
71 32.2 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF134670.D
Acq: 08 Aug 2023 14:17

Tgt Ion: 136 Resp: 713268
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 8.2 5.2 7.8#
68 6.4 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 69.839 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF134670.D

Acq: 08 Aug 2023 14:17

Instrument :

BNA_F

ClientSampleId :

MW-01

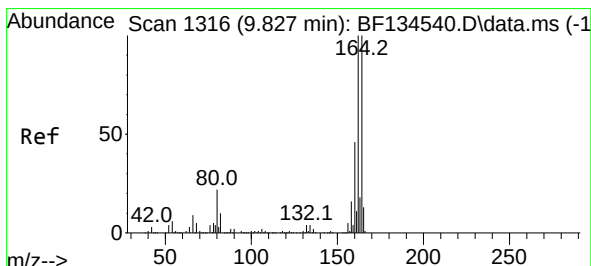
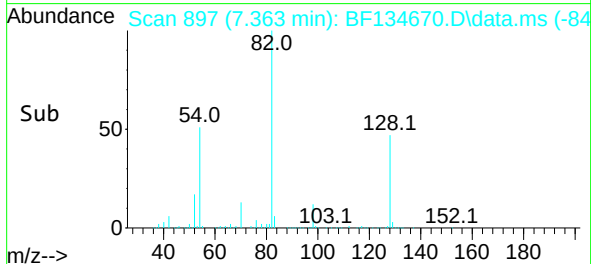
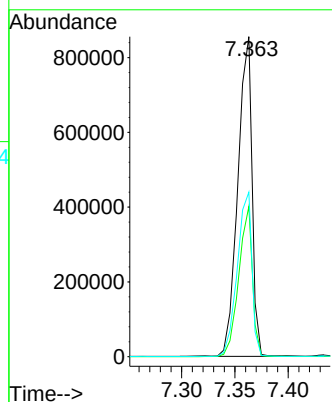
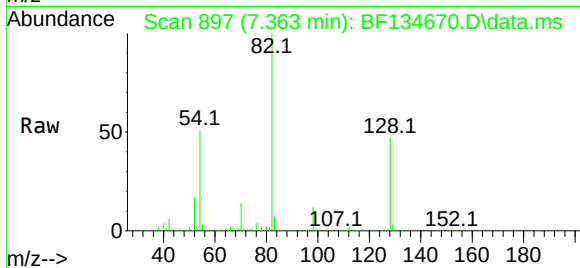
Tgt Ion: 82 Resp: 797116

Ion Ratio Lower Upper

82 100

128 46.9 34.3 51.5

54 51.4 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF134670.D

Acq: 08 Aug 2023 14:17

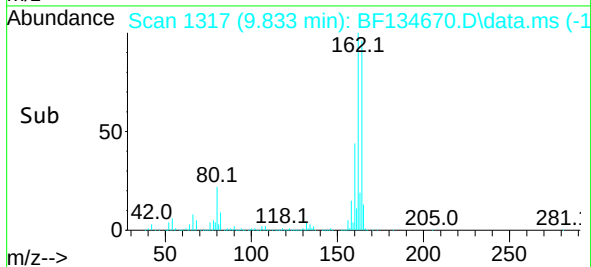
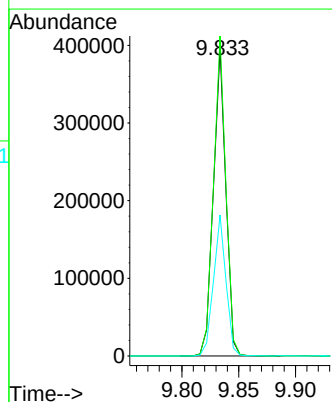
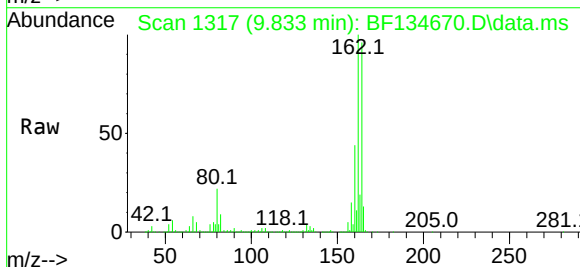
Tgt Ion:164 Resp: 302010

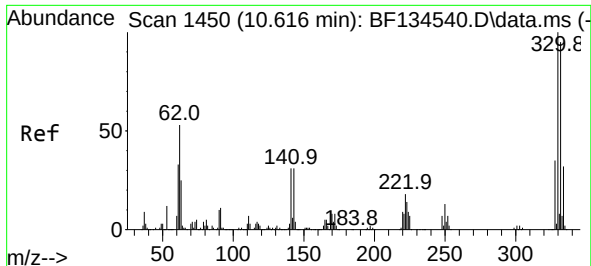
Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

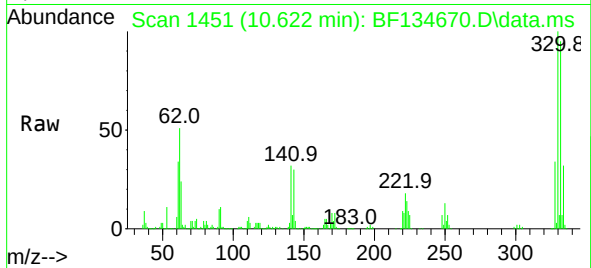
160 45.9 37.2 55.8



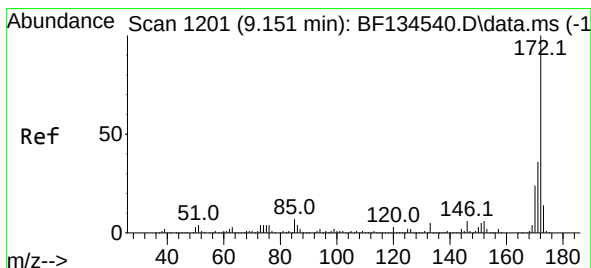
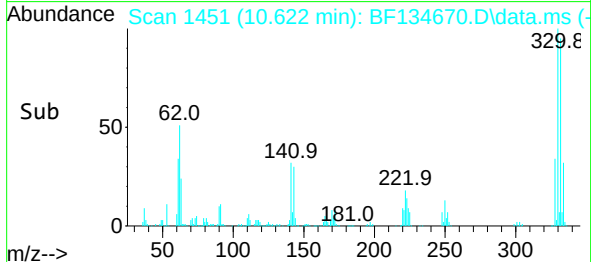
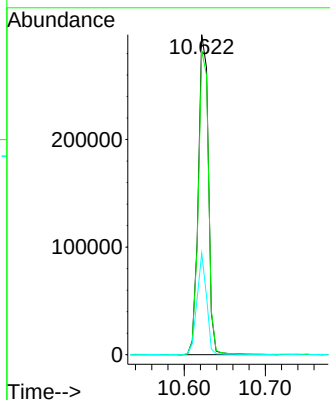


#42
 2,4,6-Tribromophenol
 Concen: 83.759 ng
 RT: 10.622 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: BF134670.D
 Acq: 08 Aug 2023 14:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

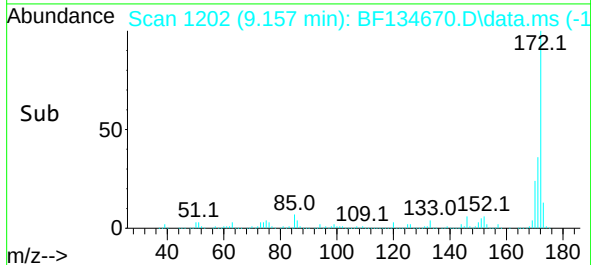
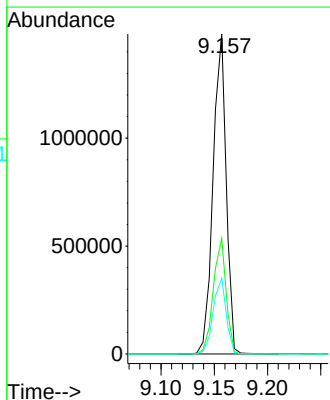
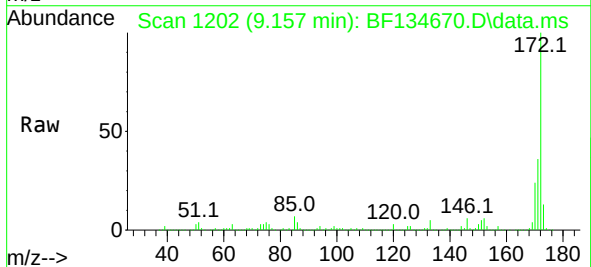


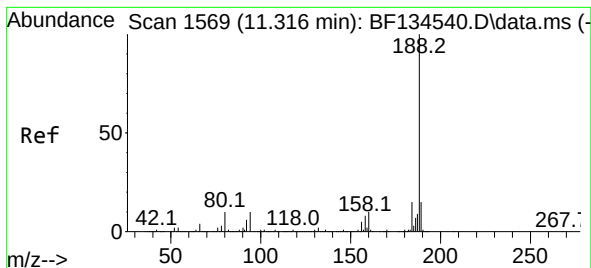
Tgt Ion: 330 Resp: 257869
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.8 118.2
 141 30.1 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 69.794 ng
 RT: 9.157 min Scan# 1202
 Delta R.T. -0.006 min
 Lab File: BF134670.D
 Acq: 08 Aug 2023 14:17

Tgt Ion: 172 Resp: 1267725
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.8 43.2
 170 23.7 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134670.D

Acq: 08 Aug 2023 14:17

Instrument :

BNA_F

ClientSampleId :

MW-01

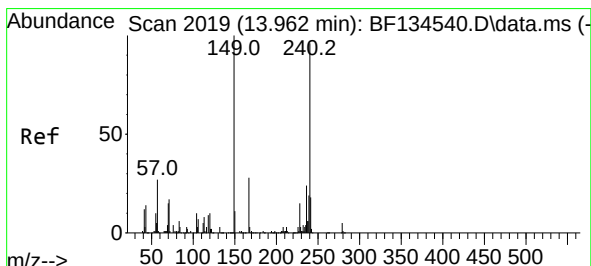
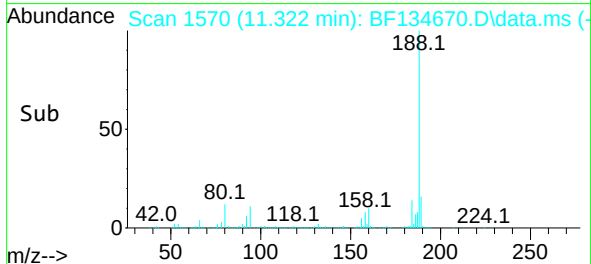
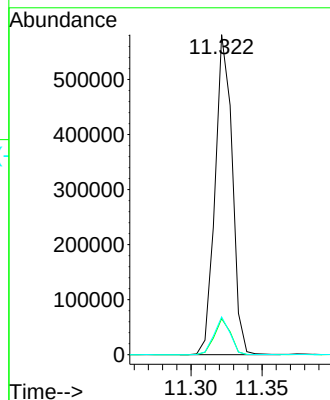
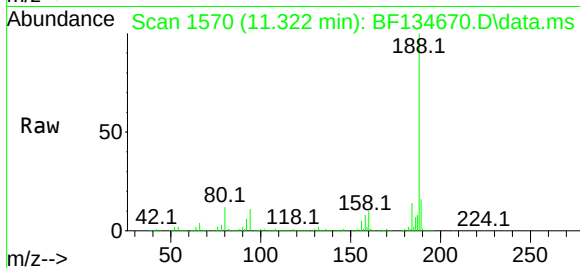
Tgt Ion:188 Resp: 486625

Ion Ratio Lower Upper

188 100

94 11.2 5.1 7.7#

80 11.8 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF134670.D

Acq: 08 Aug 2023 14:17

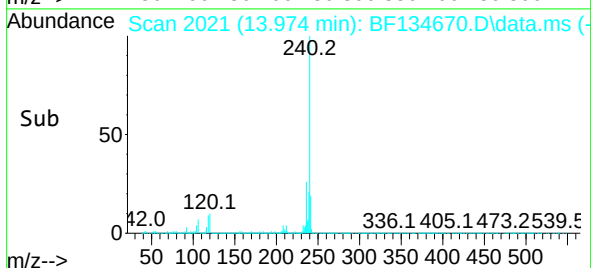
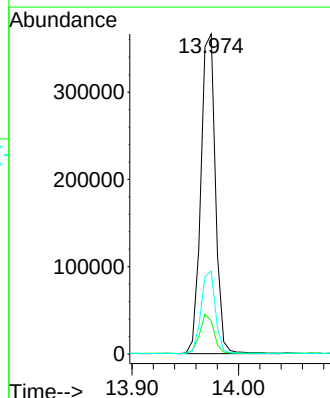
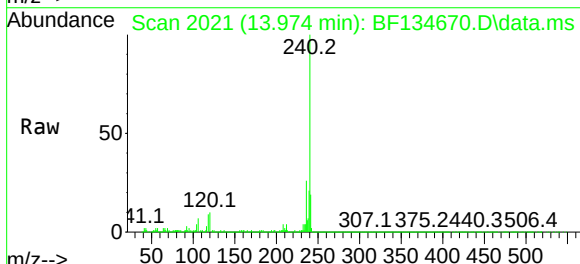
Tgt Ion:240 Resp: 349744

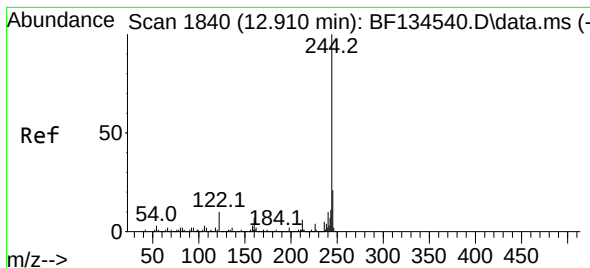
Ion Ratio Lower Upper

240 100

120 10.4 6.6 10.0#

236 25.9 20.2 30.2





#79

Terphenyl-d14

Concen: 58.982 ng

RT: 12.921 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134670.D

Acq: 08 Aug 2023 14:17

Instrument :

BNA_F

ClientSampleId :

MW-01

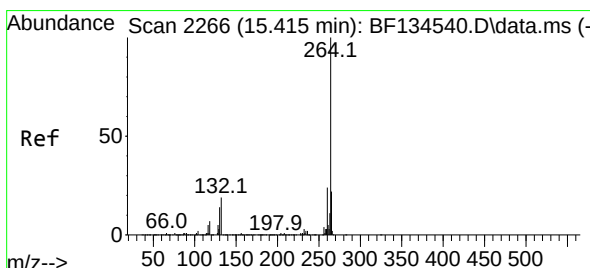
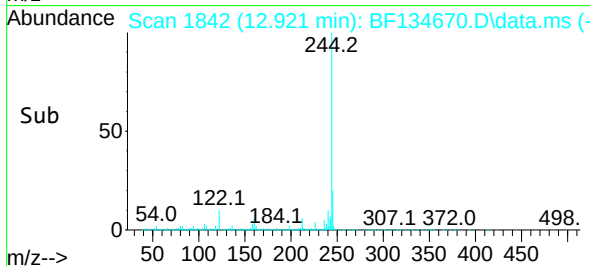
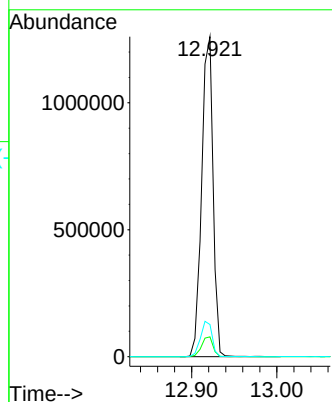
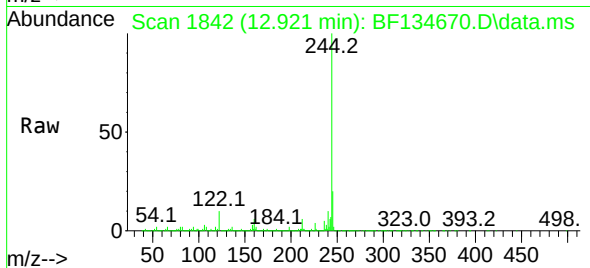
Tgt Ion:244 Resp: 1170180

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

122 10.0 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF134670.D

Acq: 08 Aug 2023 14:17

Tgt Ion:264 Resp: 270987

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 22.3 15.8 23.8

