

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
 Data File : BF134669.D
 Acq On : 08 Aug 2023 13:44
 Operator : CG\JU
 Sample : 03903-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Aug 09 02:17:19 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	186905	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	682722	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	301453	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	494197	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	342912	20.000	ng	0.00
86) Perylene-d12	15.445	264	290664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	954892	77.661	ng	0.00
7) Phenol-d6	6.434	99	1177658	74.926	ng	0.00
23) Nitrobenzene-d5	7.363	82	663077	60.694	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	237436	77.265	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1066472	58.822	ng	0.00
79) Terphenyl-d14	12.915	244	938391	48.241	ng	0.00

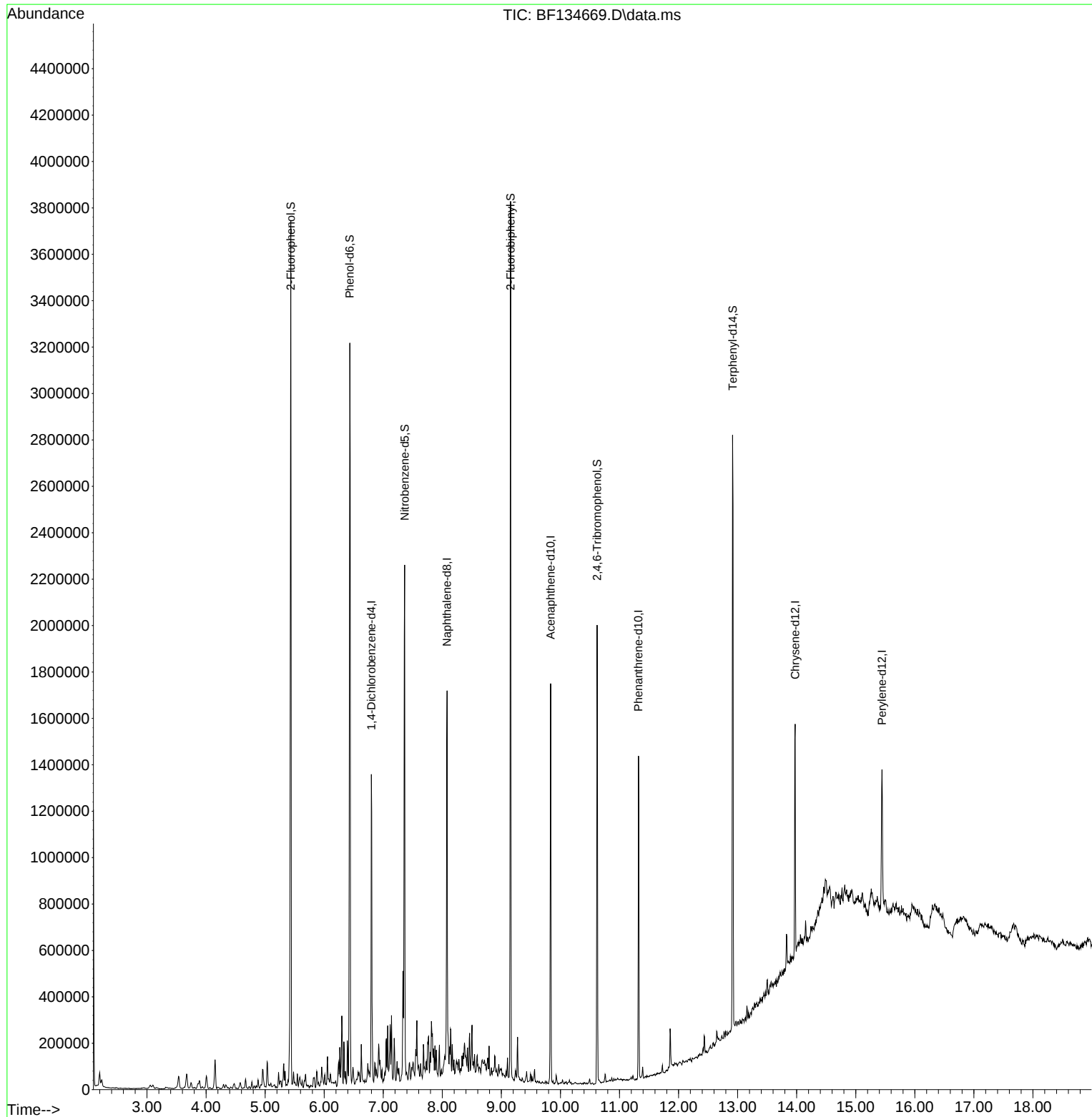
Target Compounds	Qvalue

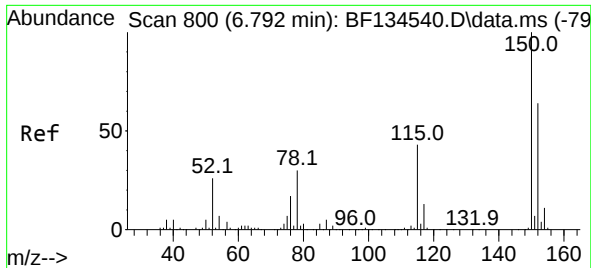
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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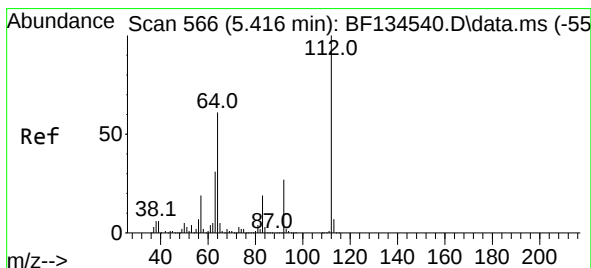
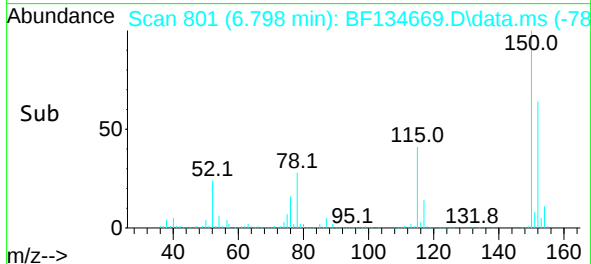
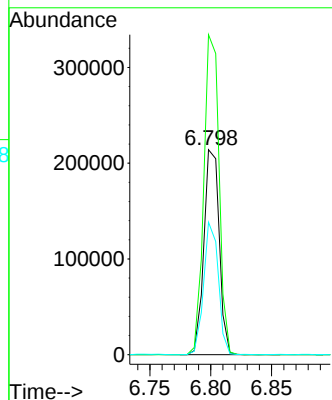
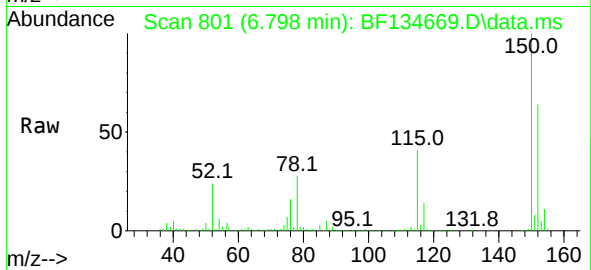




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134669.D
Acq: 08 Aug 2023 13:44

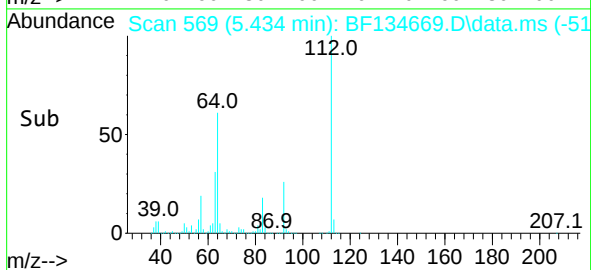
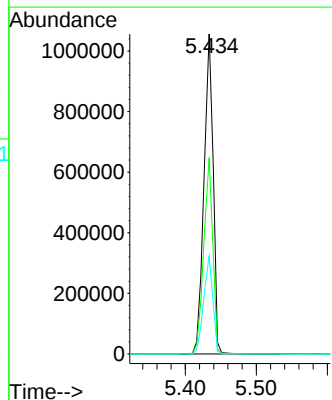
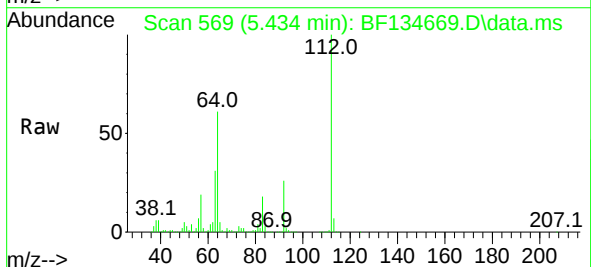
Instrument :
BNA_F
ClientSampleId :
MW-11

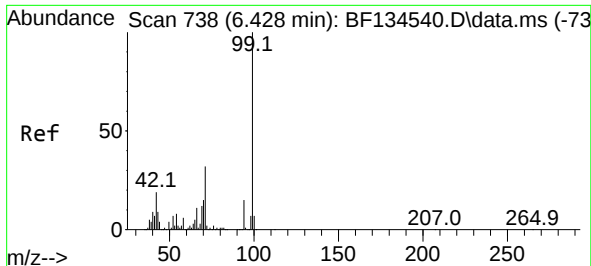
Tgt Ion:152 Resp: 186905
Ion Ratio Lower Upper
152 100
150 156.1 128.3 192.5
115 64.7 52.4 78.6



#5
2-Fluorophenol
Concen: 77.661 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134669.D
Acq: 08 Aug 2023 13:44

Tgt Ion:112 Resp: 954892
Ion Ratio Lower Upper
112 100
64 61.4 44.9 67.3
63 30.7 25.4 38.0

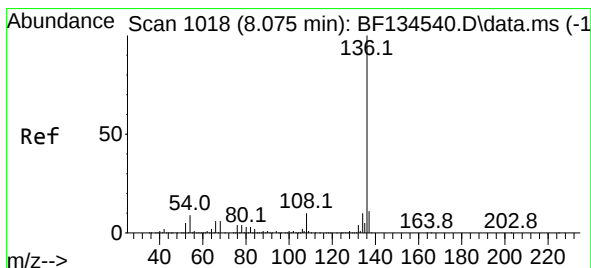
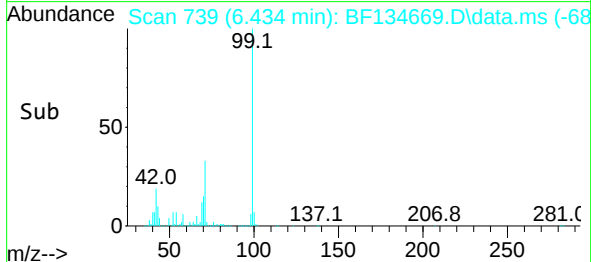
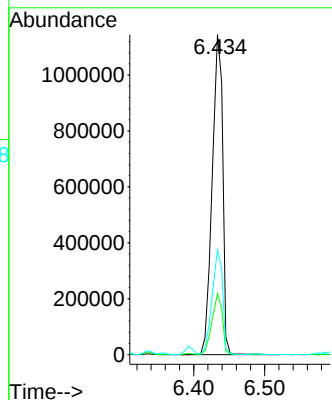
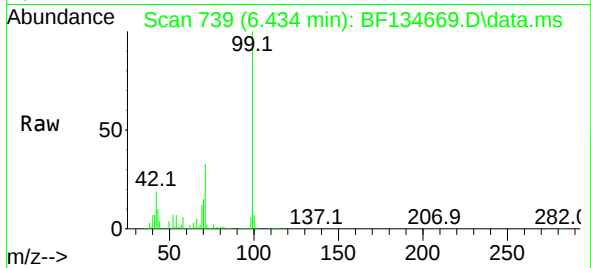




#7
Phenol-d6
Concen: 74.926 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134669.D
Acq: 08 Aug 2023 13:44

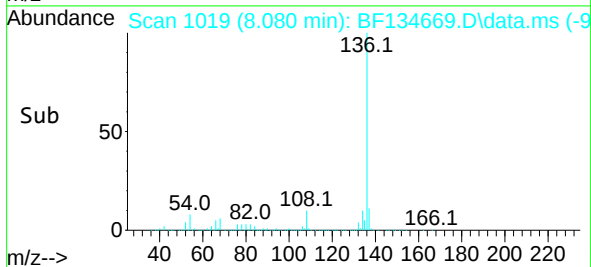
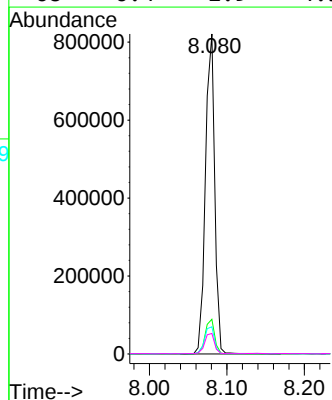
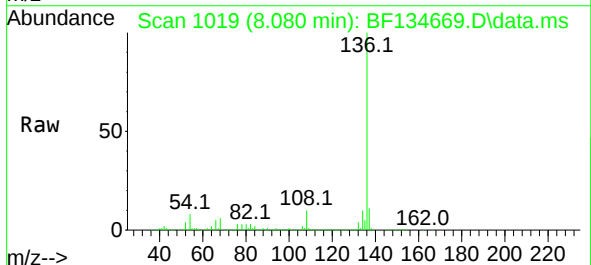
Instrument :
BNA_F
ClientSampleId :
MW-11

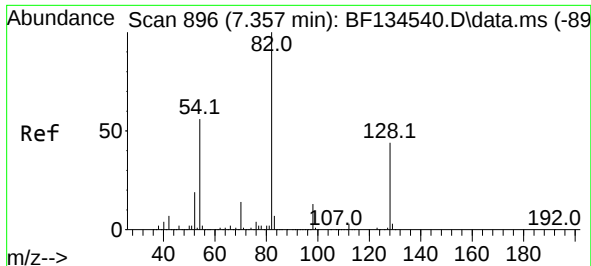
Tgt Ion: 99 Resp: 1177658
Ion Ratio Lower Upper
99 100
42 19.0 18.7 28.1
71 32.8 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF134669.D
Acq: 08 Aug 2023 13:44

Tgt Ion: 136 Resp: 682722
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.5 5.2 7.8#
68 6.4 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 60.694 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134669.D

Acq: 08 Aug 2023 13:44

Instrument :

BNA_F

ClientSampleId :

MW-11

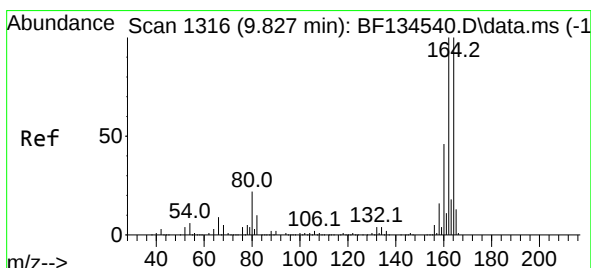
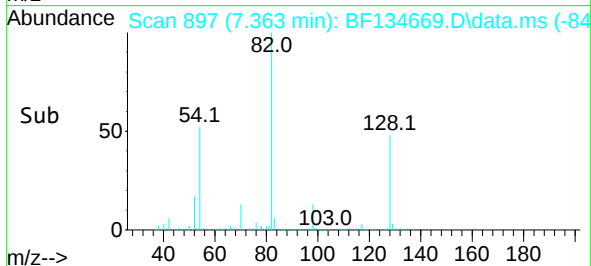
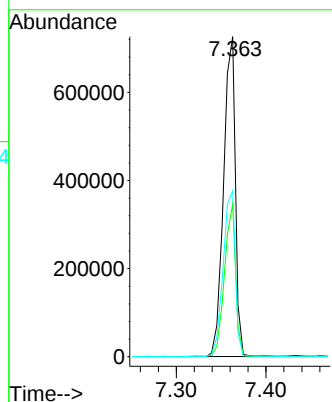
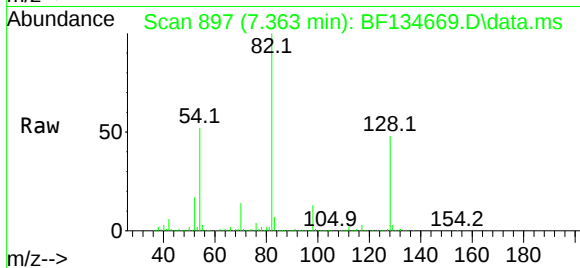
Tgt Ion: 82 Resp: 663077

Ion Ratio Lower Upper

82 100

128 47.7 34.3 51.5

54 51.8 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: BF134669.D

Acq: 08 Aug 2023 13:44

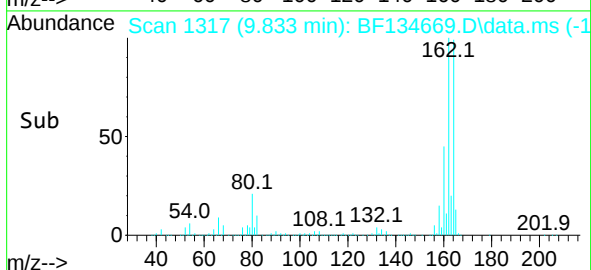
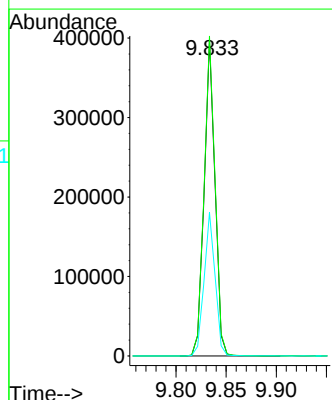
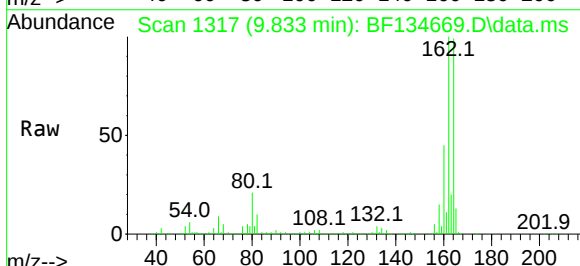
Tgt Ion:164 Resp: 301453

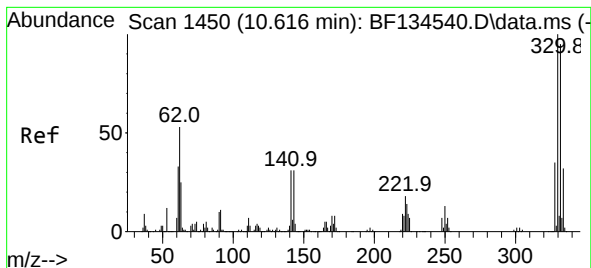
Ion Ratio Lower Upper

164 100

162 101.2 82.6 123.8

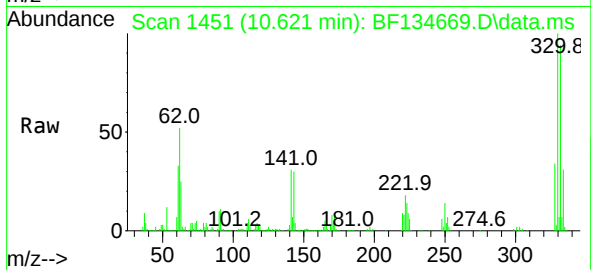
160 45.4 37.2 55.8



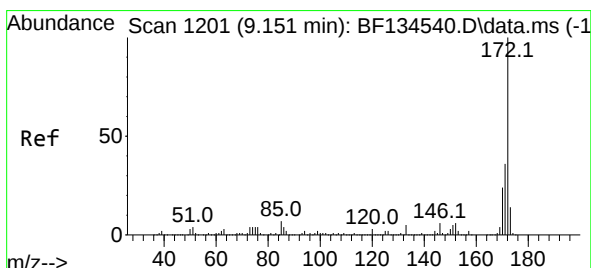
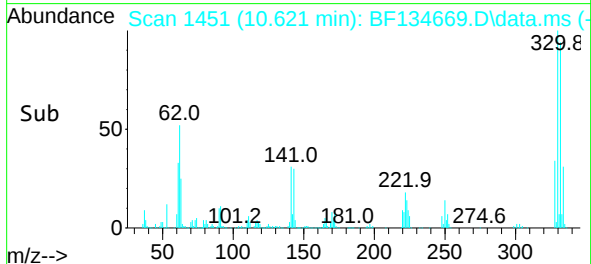
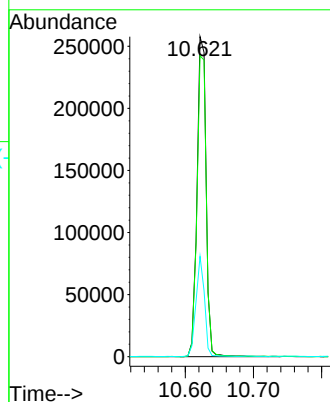


#42
2,4,6-Tribromophenol
Concen: 77.265 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134669.D
Acq: 08 Aug 2023 13:44

Instrument :
BNA_F
ClientSampleId :
MW-11

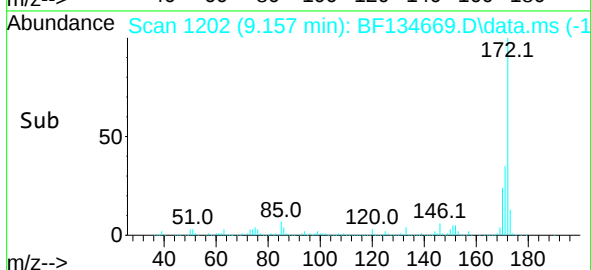
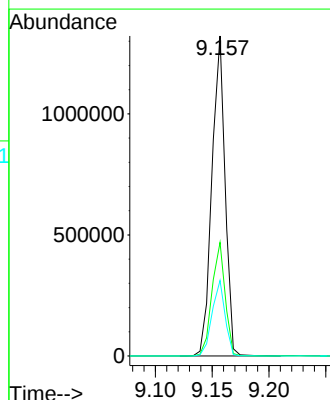
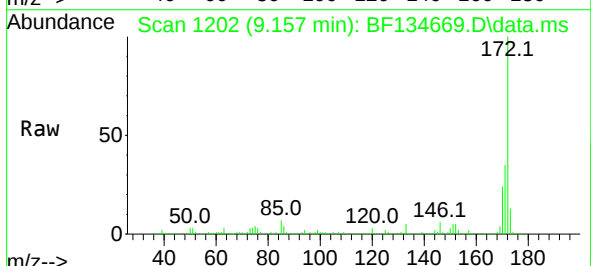


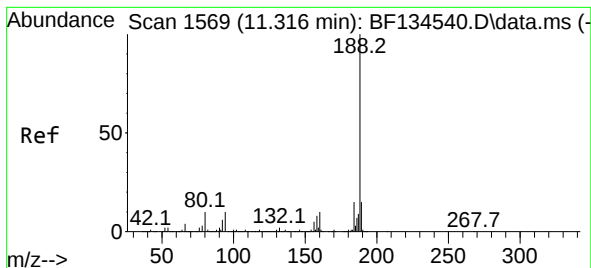
Tgt Ion: 330 Resp: 237436
Ion Ratio Lower Upper
330 100
332 96.2 78.8 118.2
141 29.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 58.822 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134669.D
Acq: 08 Aug 2023 13:44

Tgt Ion: 172 Resp: 1066472
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134669.D

Acq: 08 Aug 2023 13:44

Instrument :

BNA_F

ClientSampleId :

MW-11

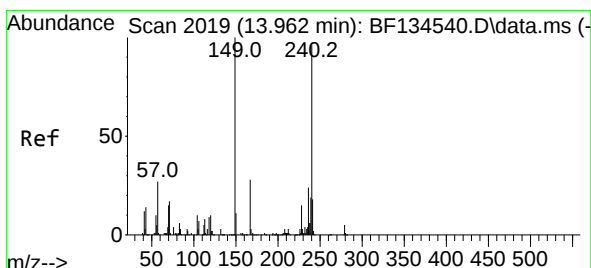
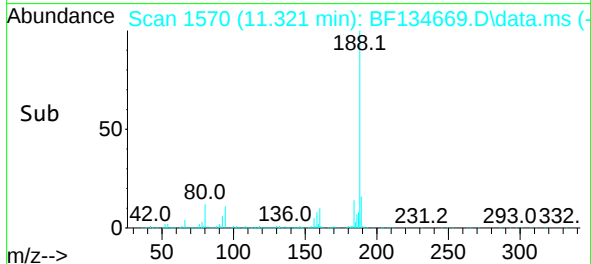
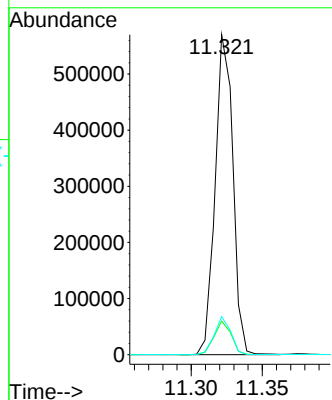
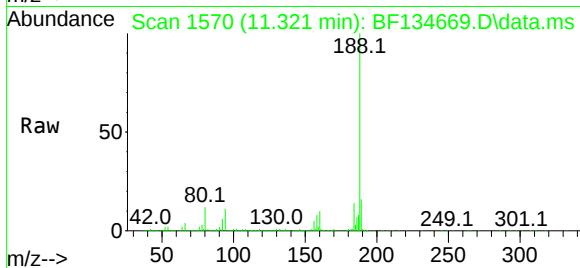
Tgt Ion:188 Resp: 494197

Ion Ratio Lower Upper

188 100

94 10.5 5.1 7.7#

80 11.9 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: BF134669.D

Acq: 08 Aug 2023 13:44

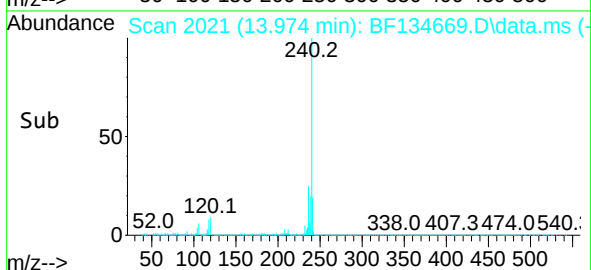
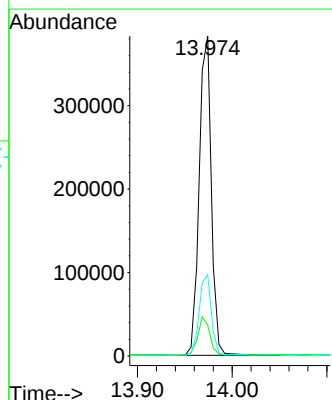
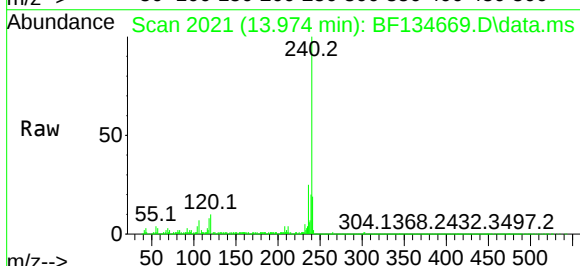
Tgt Ion:240 Resp: 342912

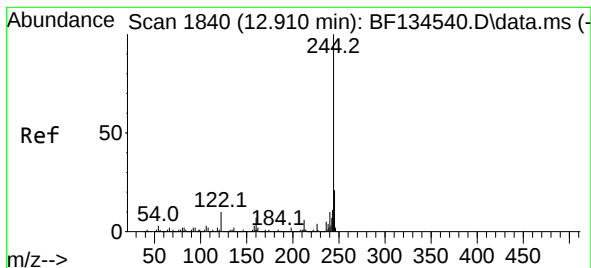
Ion Ratio Lower Upper

240 100

120 9.6 6.6 10.0

236 25.3 20.2 30.2





#79

Terphenyl-d14

Concen: 48.241 ng

RT: 12.915 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134669.D

Acq: 08 Aug 2023 13:44

Instrument :

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ClientSampleId :

MW-11

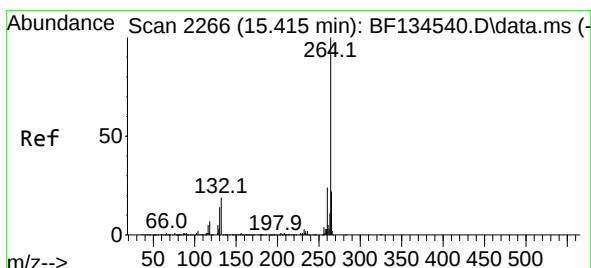
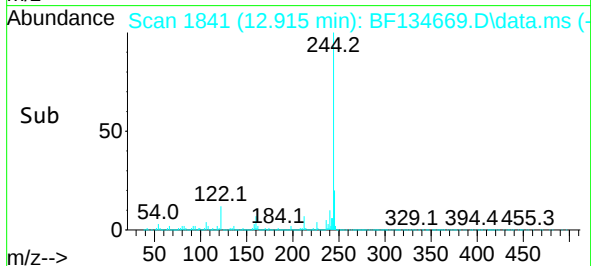
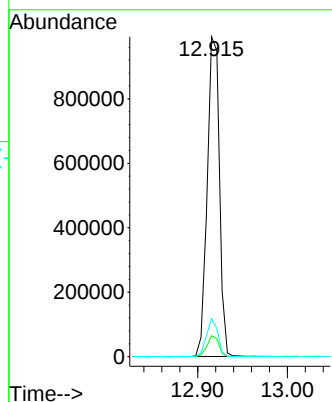
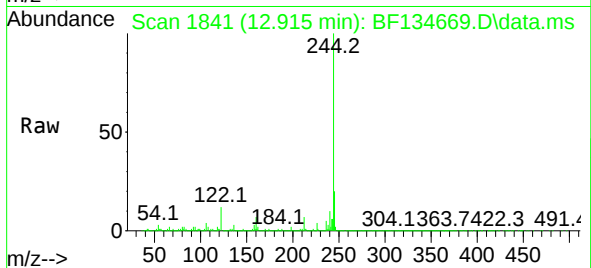
Tgt Ion:244 Resp: 938391

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 11.9 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: BF134669.D

Acq: 08 Aug 2023 13:44

Tgt Ion:264 Resp: 290664

Ion Ratio Lower Upper

264 100

260 24.5 18.4 27.6

265 22.2 15.8 23.8

