

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
 Data File : BF134674.D
 Acq On : 08 Aug 2023 16:28
 Operator : CG\JU
 Sample : 03903-09DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-09DL

Quant Time: Aug 09 02:18:44 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)

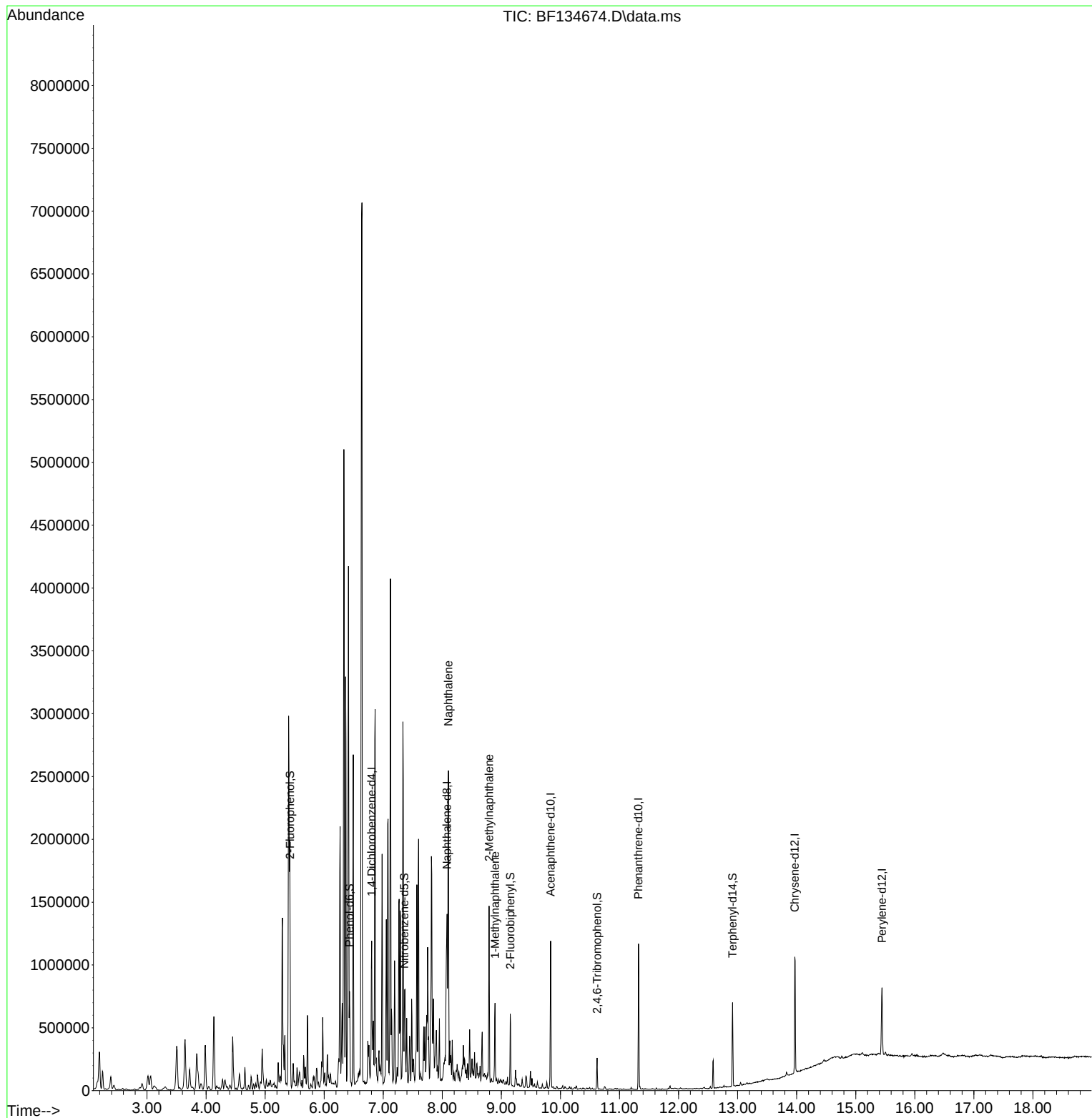
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	155738	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	504134	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	210098	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	400250	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	321343	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	252896	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	159149	15.534	ng	0.00
7) Phenol-d6	6.428	99	201596	15.393	ng	-0.01
23) Nitrobenzene-d5	7.357	82	106027	13.143	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	25570	11.939	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	170601	13.501	ng	-0.01
79) Terphenyl-d14	12.916	244	215824	11.840	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.104	128	875027	34.536	ng	99
37) 2-Methylnaphthalene	8.792	142	337171	20.077	ng	100
38) 1-Methylnaphthalene	8.892	142	150975	9.667	ng	97

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

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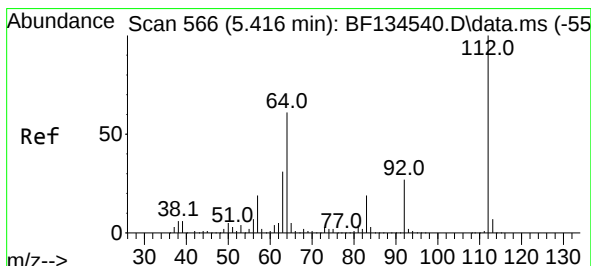
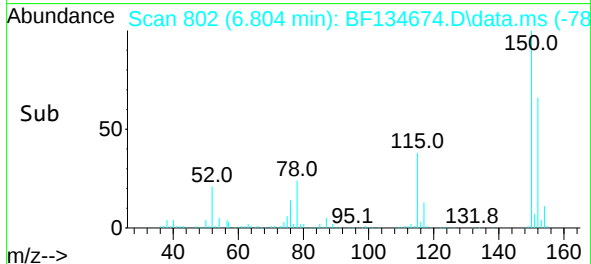
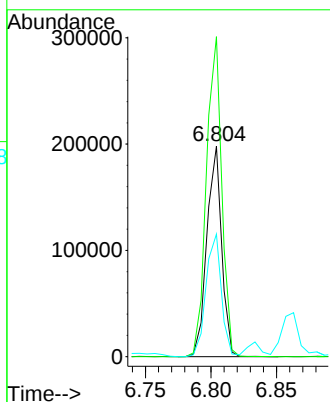
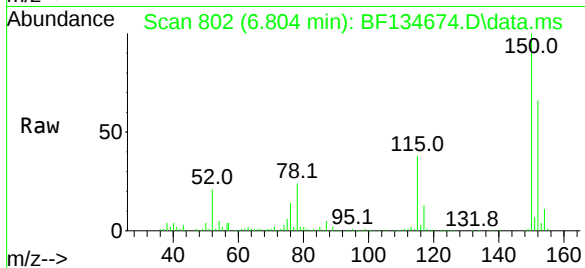




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

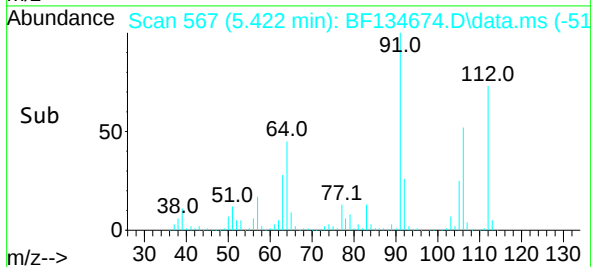
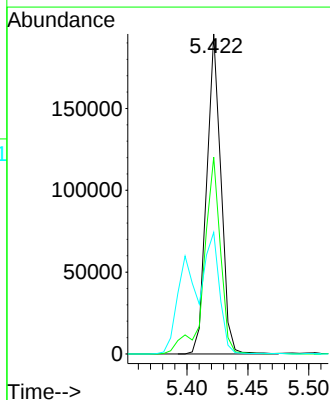
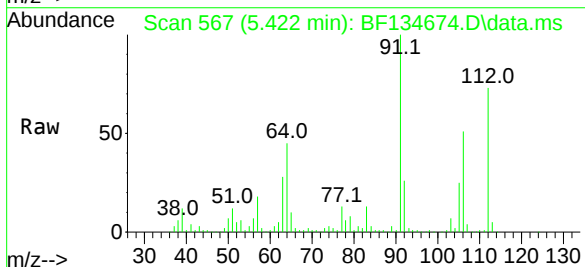
Instrument :
BNA_F
ClientSampleId :
MW-09DL

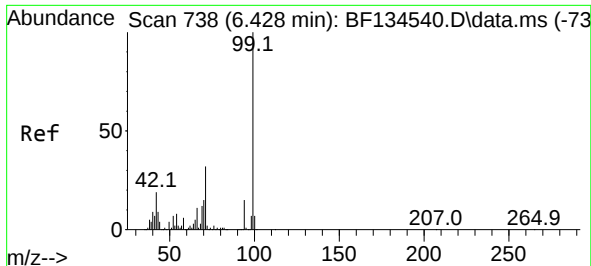
Tgt Ion:152 Resp: 155738
Ion Ratio Lower Upper
152 100
150 151.9 128.3 192.5
115 58.2 52.4 78.6



#5
2-Fluorophenol
Concen: 15.534 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

Tgt Ion:112 Resp: 159149
Ion Ratio Lower Upper
112 100
64 61.5 44.9 67.3
63 38.0 25.4 38.0

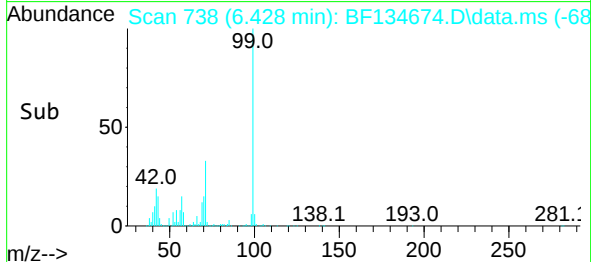
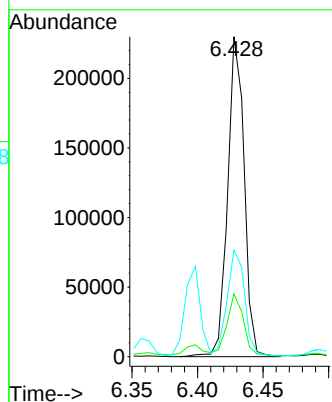
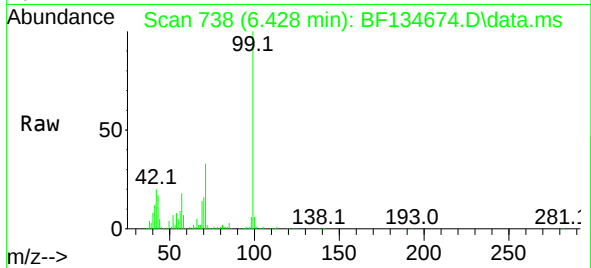




#7
Phenol-d6
Concen: 15.393 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

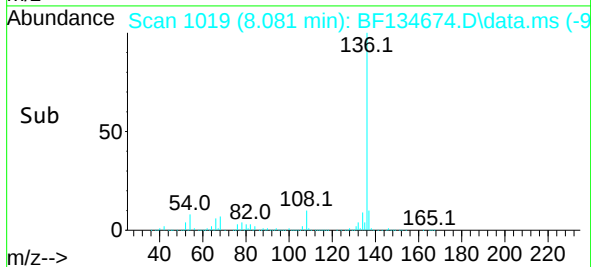
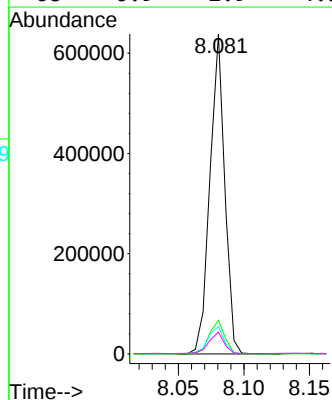
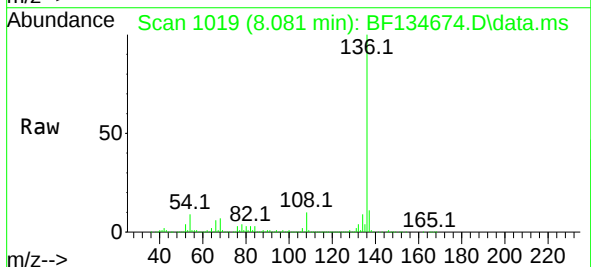
Instrument :
BNA_F
ClientSampleId :
MW-09DL

Tgt Ion: 99 Resp: 201596
Ion Ratio Lower Upper
99 100
42 19.7 18.7 28.1
71 33.4 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: BF134674.D
Acq: 08 Aug 2023 16:28

Tgt Ion: 136 Resp: 504134
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 8.6 5.2 7.8#
68 6.9 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 13.143 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134674.D

Acq: 08 Aug 2023 16:28

Instrument :

BNA_F

ClientSampleId :

MW-09DL

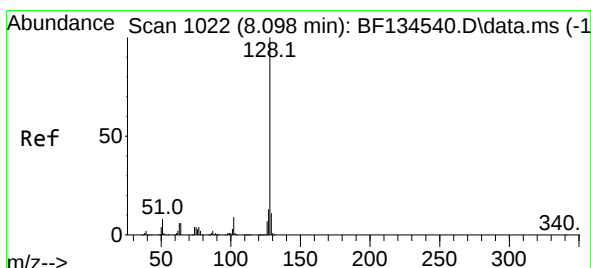
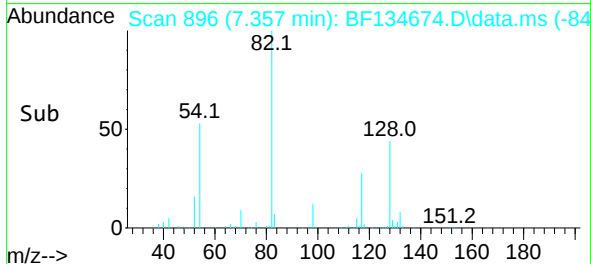
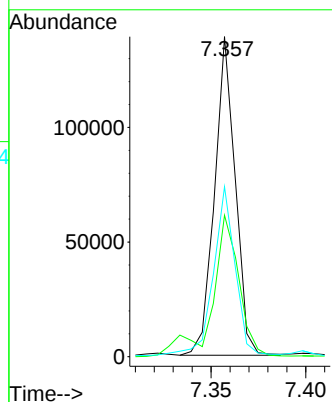
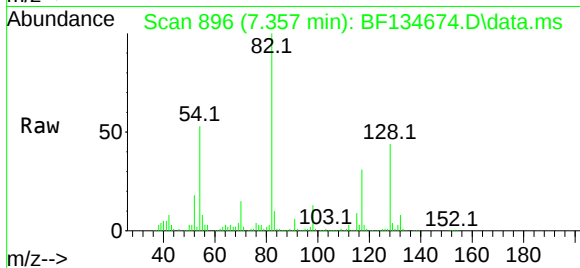
Tgt Ion: 82 Resp: 106027

Ion Ratio Lower Upper

82 100

128 44.2 34.3 51.5

54 53.1 43.8 65.6



#31

Naphthalene

Concen: 34.536 ng

RT: 8.104 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF134674.D

Acq: 08 Aug 2023 16:28

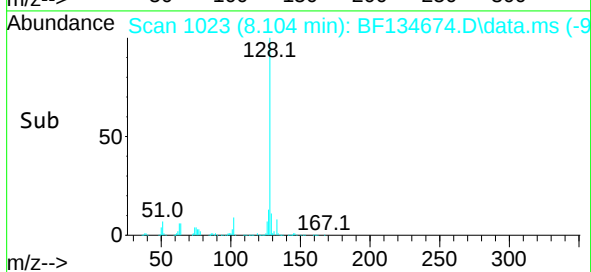
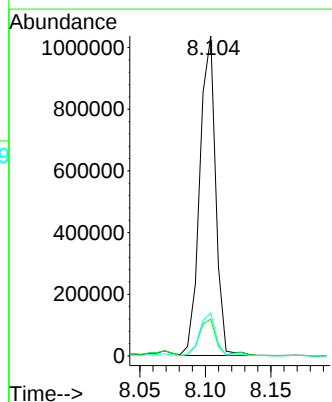
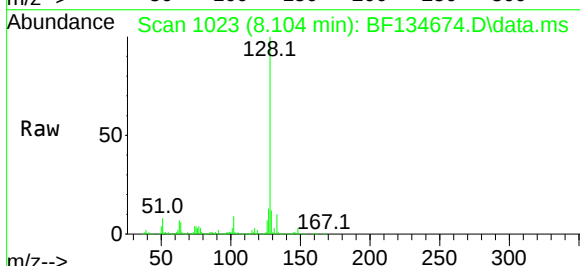
Tgt Ion: 128 Resp: 875027

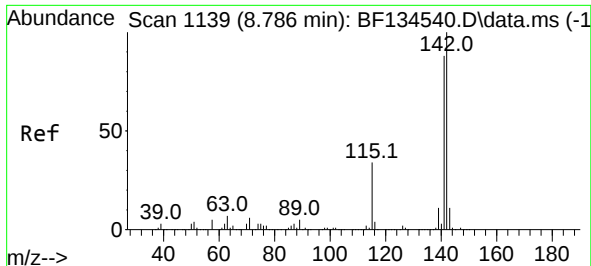
Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

127 13.5 10.7 16.1





#37

2-Methylnaphthalene

Concen: 20.077 ng

RT: 8.792 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF134674.D

Acq: 08 Aug 2023 16:28

Instrument :

BNA_F

ClientSampleId :

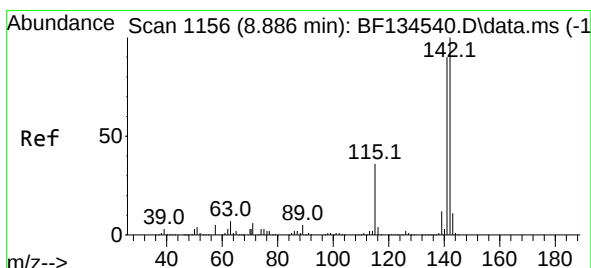
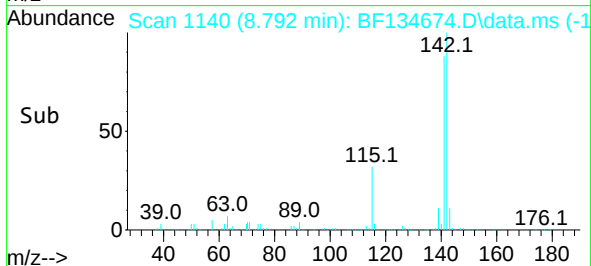
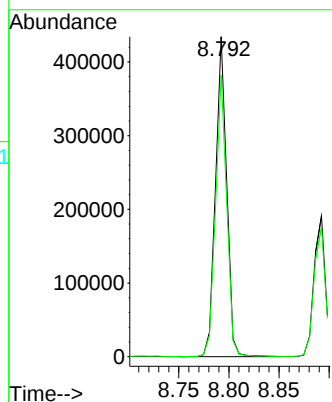
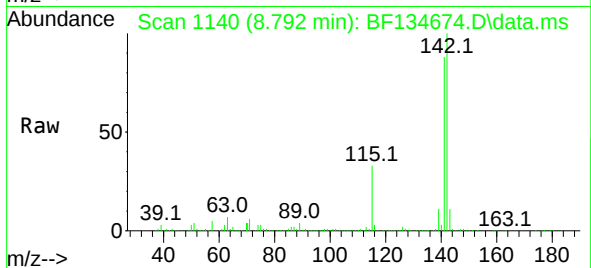
MW-09DL

Tgt Ion:142 Resp: 337171

Ion Ratio Lower Upper

142 100

141 88.1 70.8 106.2



#38

1-Methylnaphthalene

Concen: 9.667 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF134674.D

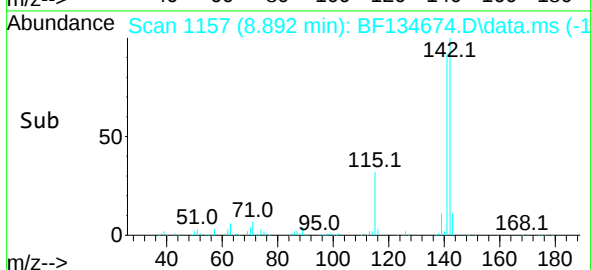
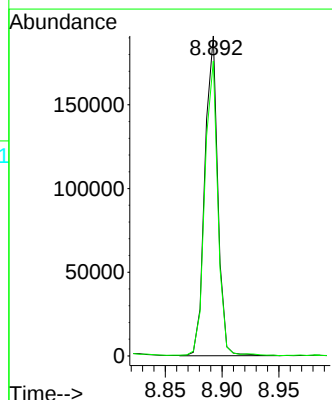
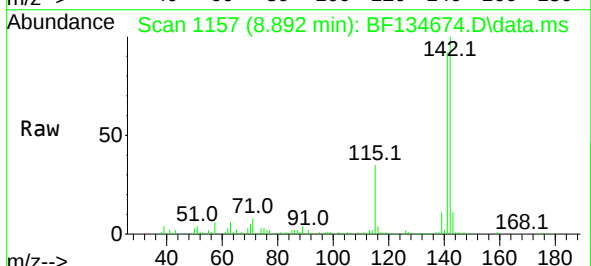
Acq: 08 Aug 2023 16:28

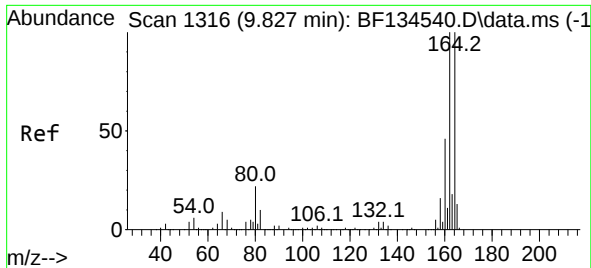
Tgt Ion:142 Resp: 150975

Ion Ratio Lower Upper

142 100

141 92.1 71.4 107.2

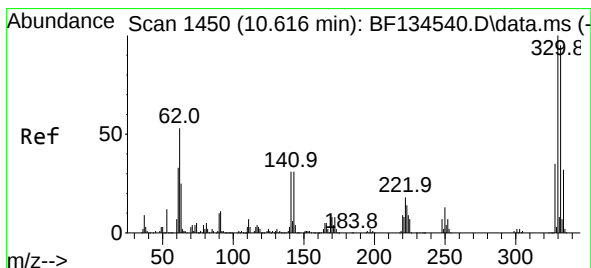
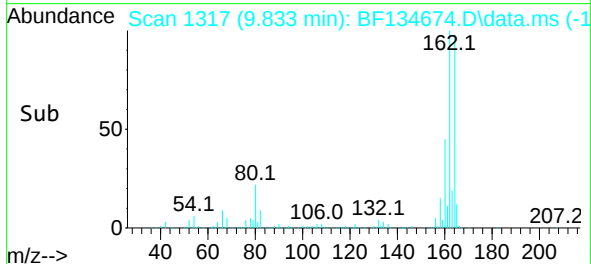
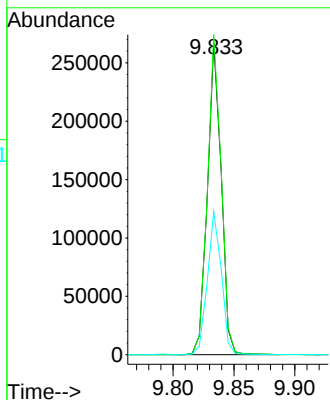
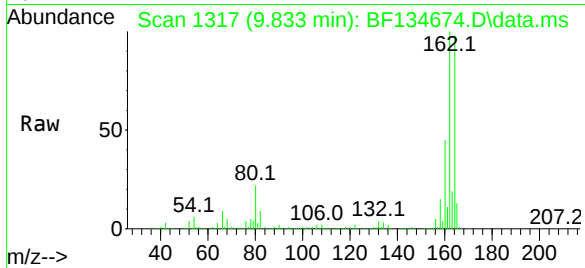




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

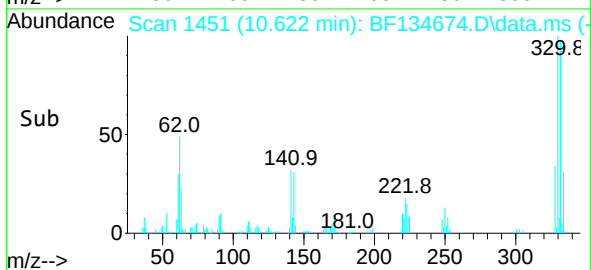
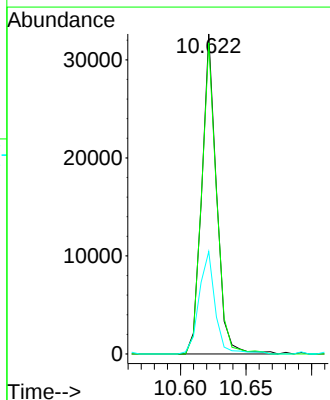
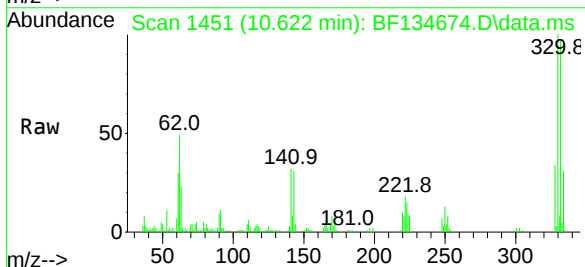
Instrument :
BNA_F
ClientSampleId :
MW-09DL

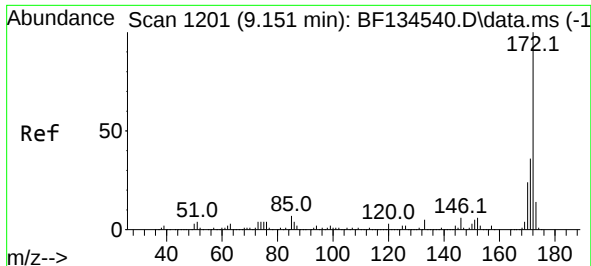
Tgt Ion:164 Resp: 210098
Ion Ratio Lower Upper
164 100
162 102.5 82.6 123.8
160 45.7 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 11.939 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

Tgt Ion:330 Resp: 25570
Ion Ratio Lower Upper
330 100
332 98.2 78.8 118.2
141 35.1 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 13.501 ng

RT: 9.151 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134674.D

Acq: 08 Aug 2023 16:28

Instrument :

BNA_F

ClientSampleId :

MW-09DL

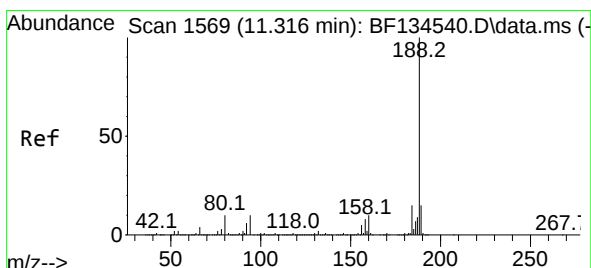
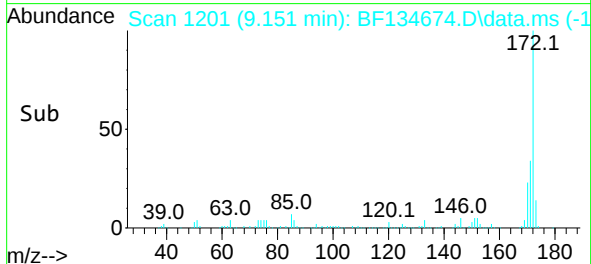
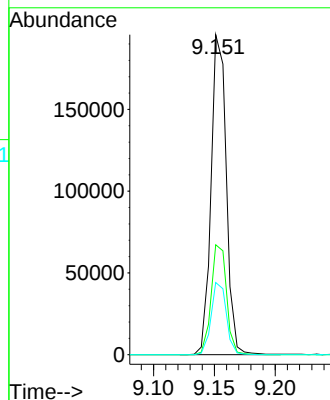
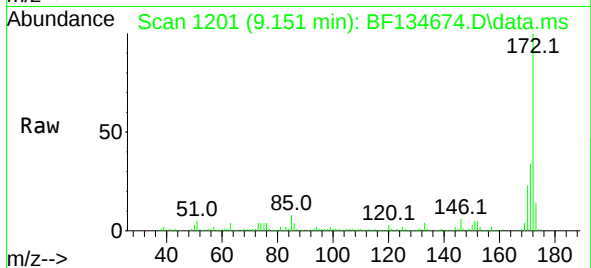
Tgt Ion:172 Resp: 170601

Ion Ratio Lower Upper

172 100

171 34.4 28.8 43.2

170 22.5 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1570

Delta R.T. -0.000 min

Lab File: BF134674.D

Acq: 08 Aug 2023 16:28

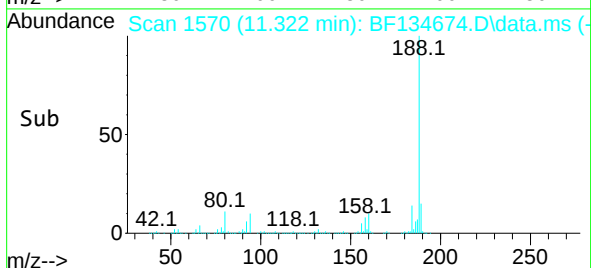
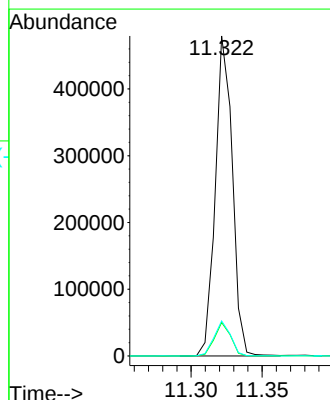
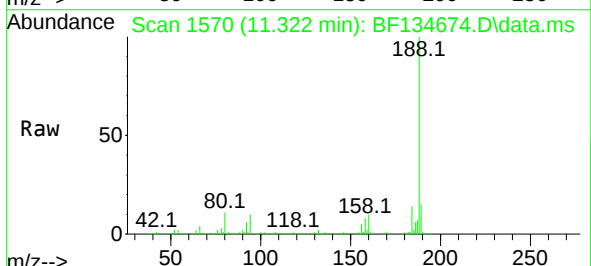
Tgt Ion:188 Resp: 400250

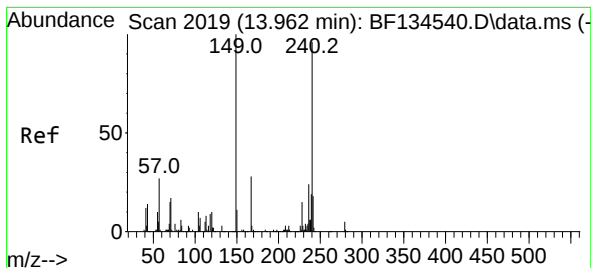
Ion Ratio Lower Upper

188 100

94 10.5 5.1 7.7#

80 11.0 6.6 9.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134674.D

Acq: 08 Aug 2023 16:28

Instrument :

BNA_F

ClientSampleId :

MW-09DL

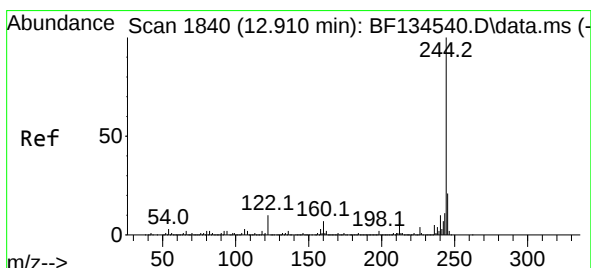
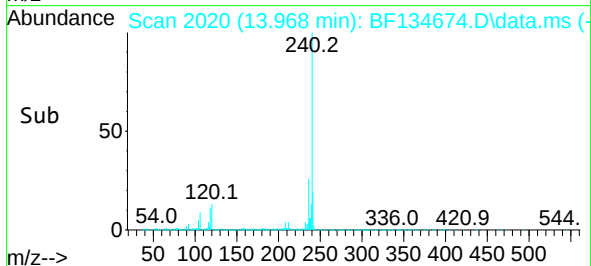
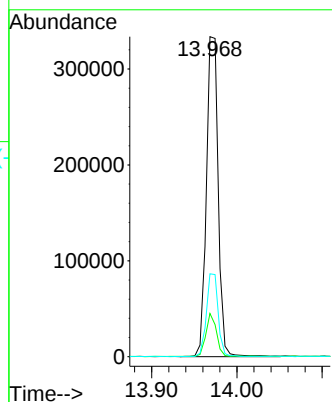
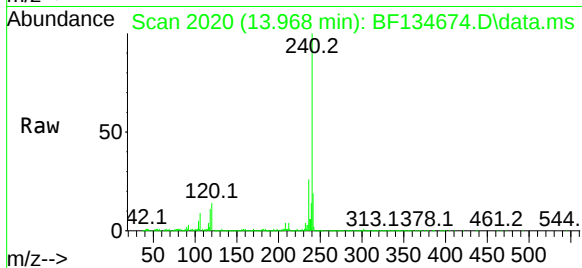
Tgt Ion:240 Resp: 321343

Ion Ratio Lower Upper

240 100

120 13.5 6.6 10.0#

236 25.9 20.2 30.2



#79

Terphenyl-d14

Concen: 11.840 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134674.D

Acq: 08 Aug 2023 16:28

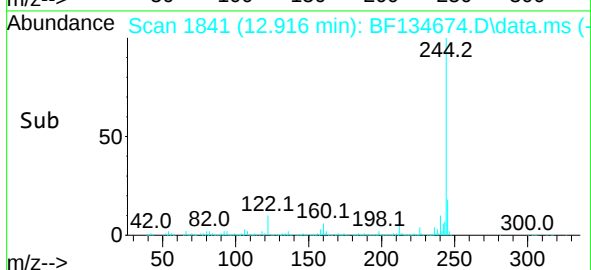
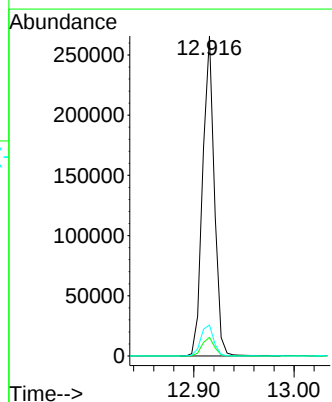
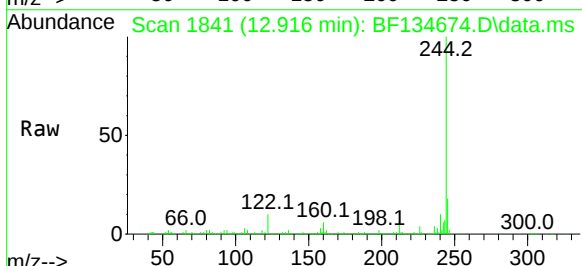
Tgt Ion:244 Resp: 215824

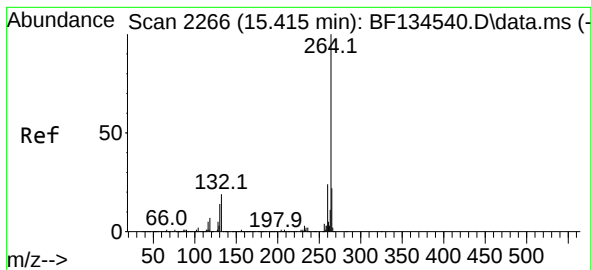
Ion Ratio Lower Upper

244 100

212 5.8 5.6 8.4

122 9.7 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

Instrument :
BNA_F
ClientSampleId :
MW-09DL

Tgt Ion:264 Resp: 252896

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	22.4	15.8	23.8

