

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)

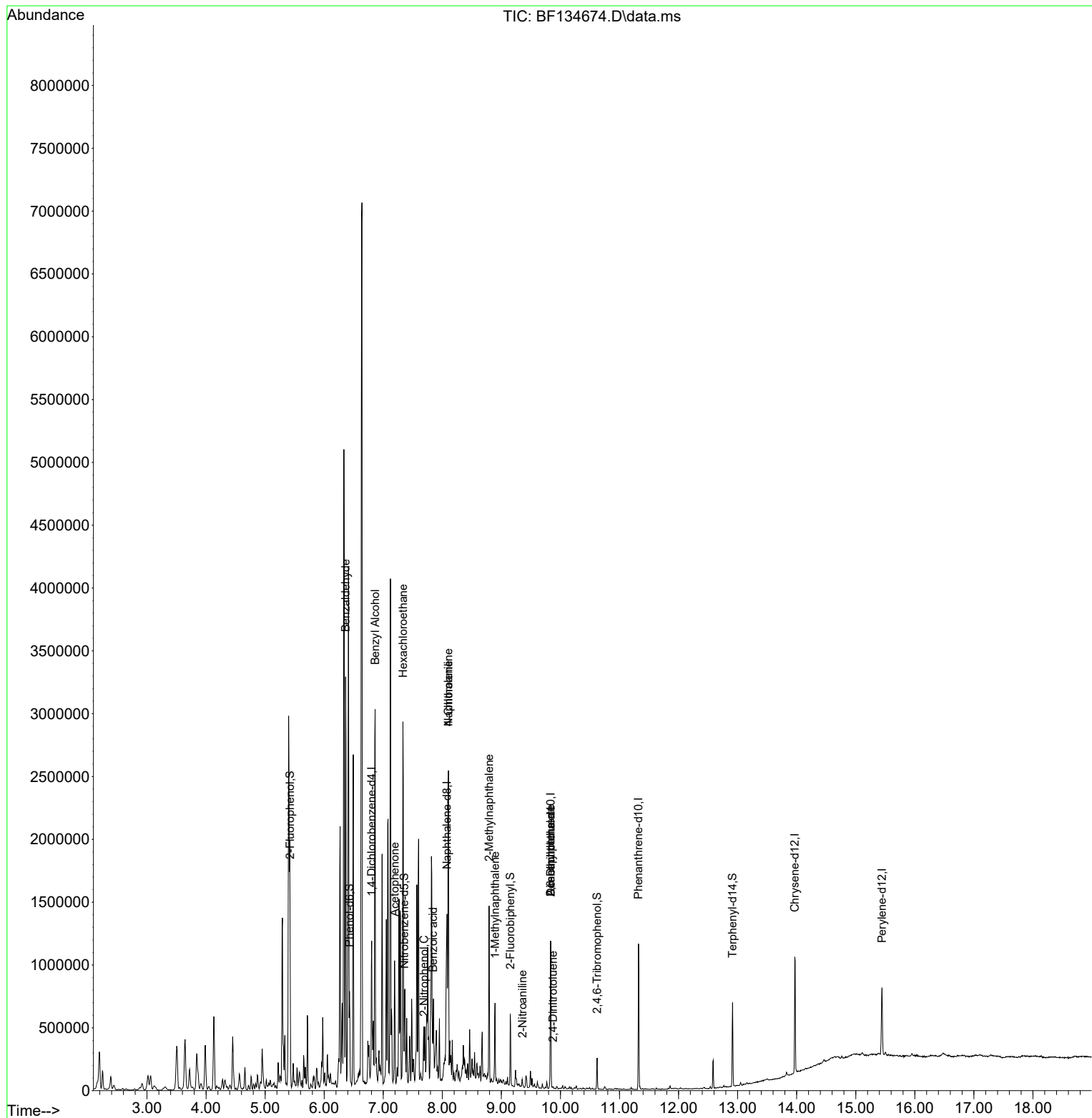
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	155738	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	504134	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	210098	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	400250	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	321343	20.000	ng	# 0.00
86) 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
9) Benzaldehyde	6.363	77	123508	15.518	ng	# 1
15) Benzyl Alcohol	6.863	79	86771	9.604	ng	# 10
18) Hexachloroethane	7.334	117	128088	34.055	ng	# 1
22) Acetophenone	7.192	105	293943	25.256	ng	# 49
26) 2-Nitrophenol	7.692	139	725	4.968	ng	# 1
31) Naphthalene	8.104	128	875027	34.536	ng	99
32) Benzoic acid	7.845	122	430	7.937	ng	# 1
33) 4-Chloroaniline	8.104	127	120467	10.671	ng	# 36
37) 2-Methylnaphthalene	8.792	142	337171	20.077	ng	100
38) 1-Methylnaphthalene	8.892	142	150975	9.667	ng	97
48) 2-Nitroaniline	9.357	65	991	3.409	ng	# 61
50) Dimethylphthalate	9.833	163	43867	3.063	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	27463	11.369	ng	# 17
57) 2,4-Dinitrotoluene	9.875	165	978	3.110	ng	# 28

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

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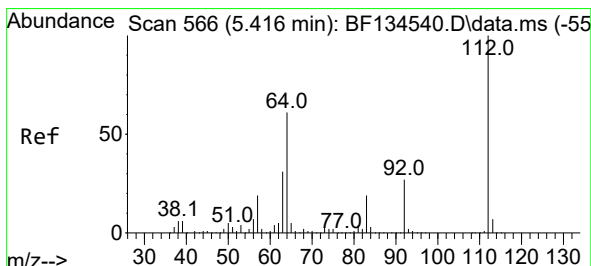
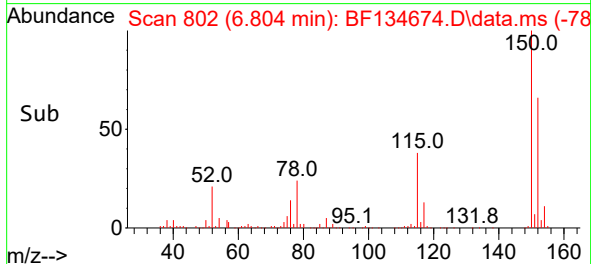
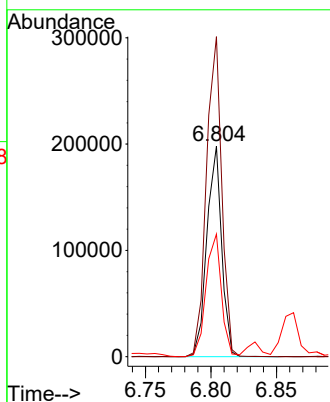
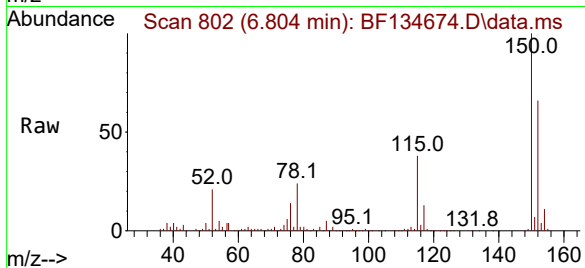




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

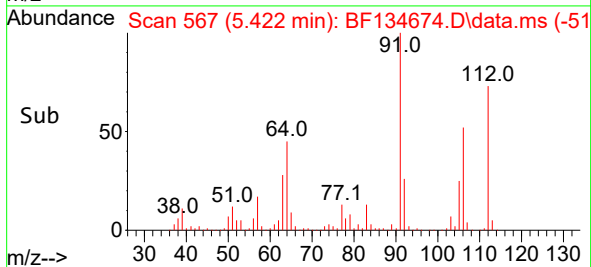
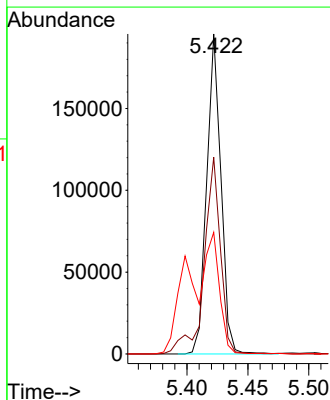
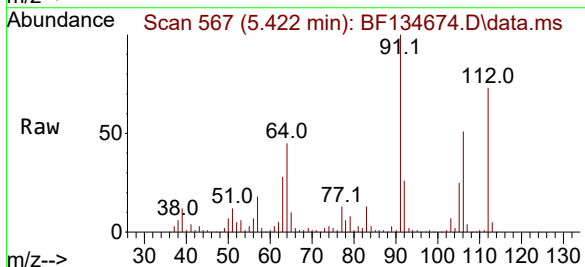
Instrument :
BNA_F
ClientSampleId :
MW-09DL

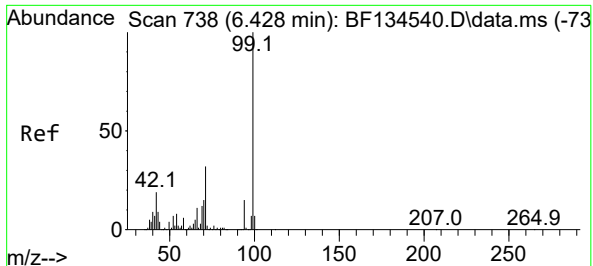
Tgt Ion:152 Resp: 155738
Ion Ratio Lower Upper
152 100
150 151.9 128.3 192.5
115 58.2 52.4 78.6



#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

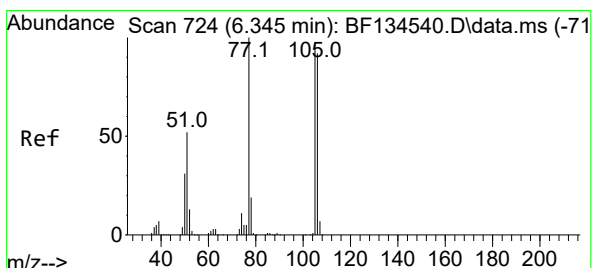
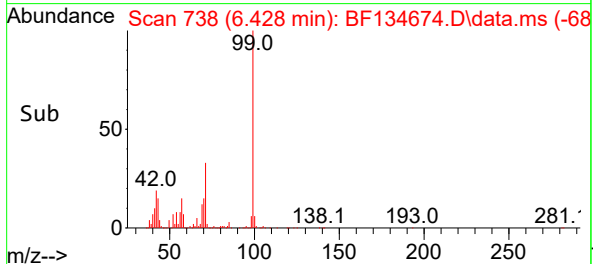
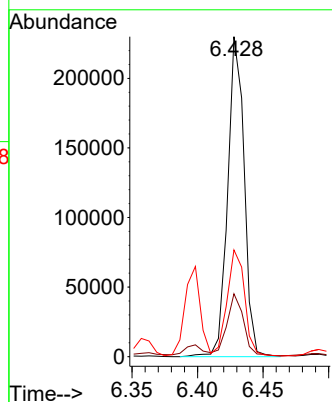
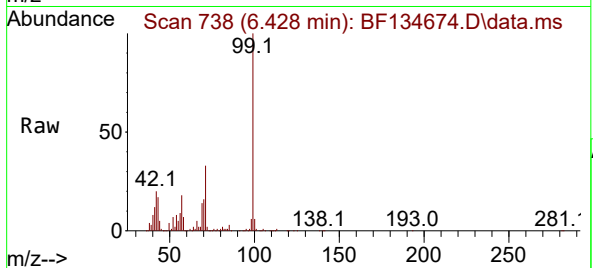




#7
Phenol-d6
Concen: 15.393 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

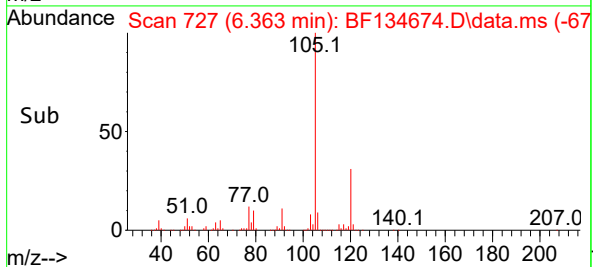
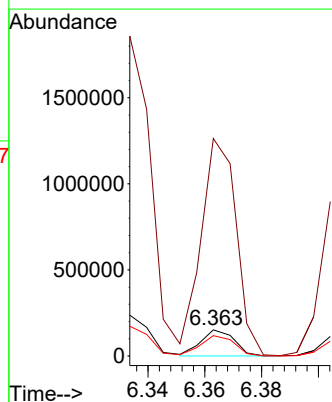
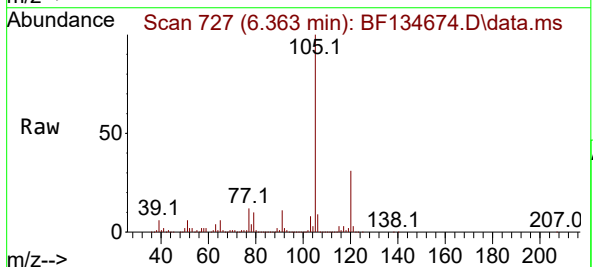
Instrument :
BNA_F
ClientSampleId :
MW-09DL

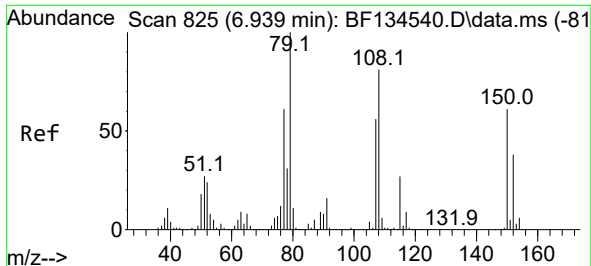
Tgt Ion: 99 Resp: 201596
Ion Ratio Lower Upper
99 100
42 19.7 18.7 28.1
71 33.4 36.4 54.6#



#9
Benzaldehyde
Concen: 15.518 ng
RT: 6.363 min Scan# 727
Delta R.T. 0.006 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

Tgt Ion: 77 Resp: 123508
Ion Ratio Lower Upper
77 100
105 832.7 77.1 117.1#
106 77.8 71.4 111.4

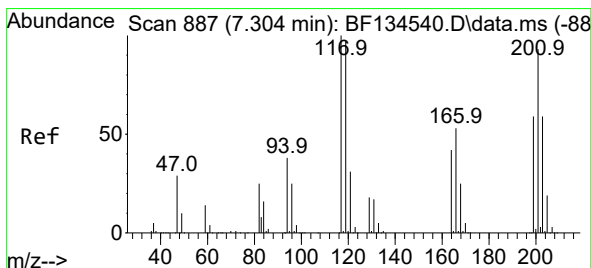
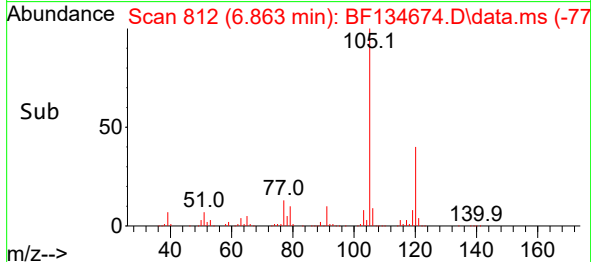
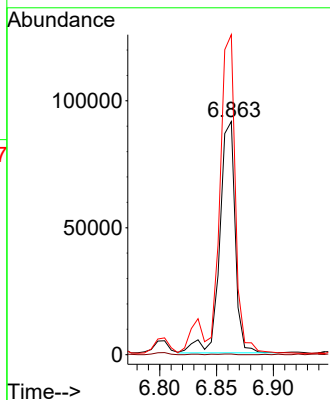
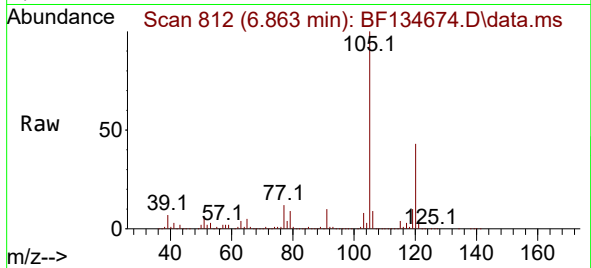




#15
Benzyl Alcohol
Concen: 9.604 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.082 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

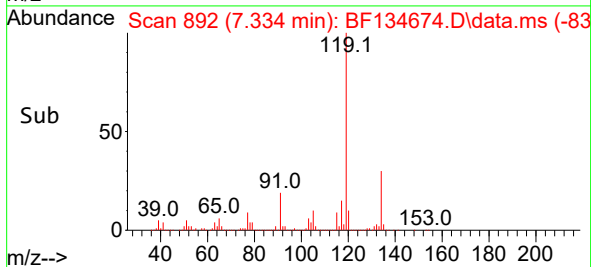
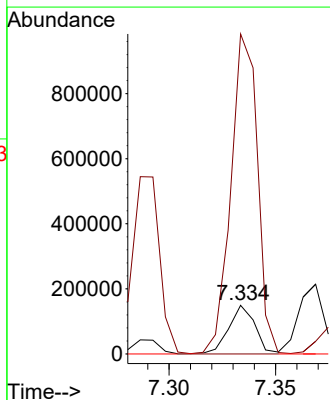
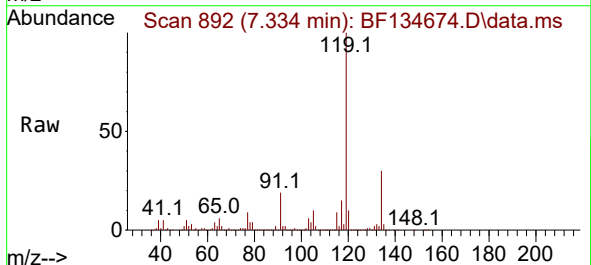
Instrument :
BNA_F
ClientSampleId :
MW-09DL

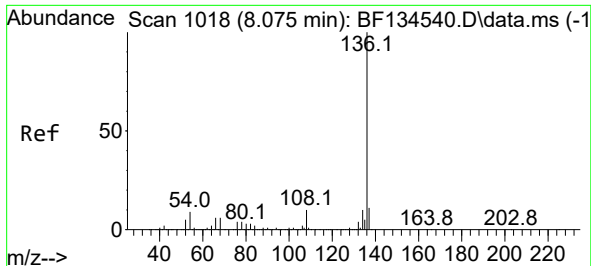
Tgt Ion: 79 Resp: 86771
Ion Ratio Lower Upper
79 100
108 0.3 56.3 84.5#
77 137.3 50.6 76.0#



#18
Hexachloroethane
Concen: 34.055 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.024 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

Tgt Ion: 117 Resp: 128088
Ion Ratio Lower Upper
117 100
119 657.7 75.8 113.8#
201 0.0 73.6 110.4#

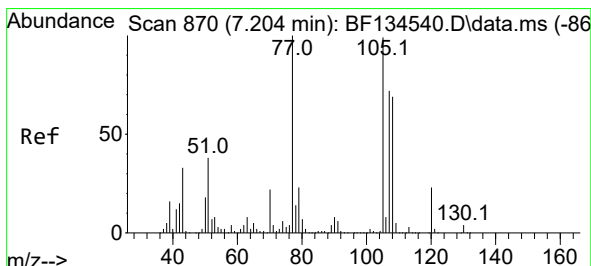
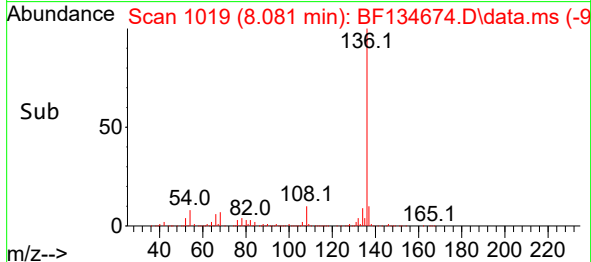
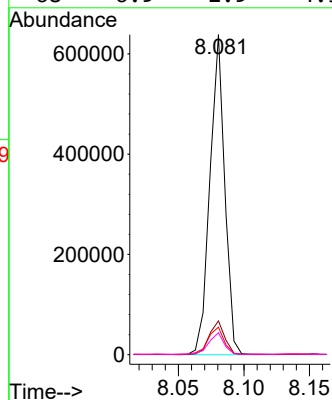
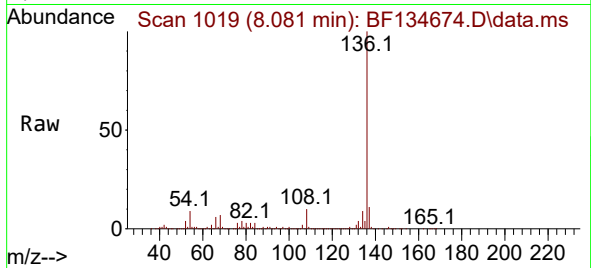




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

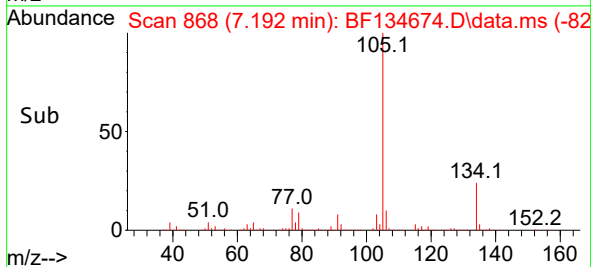
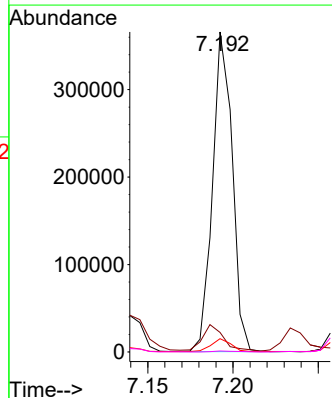
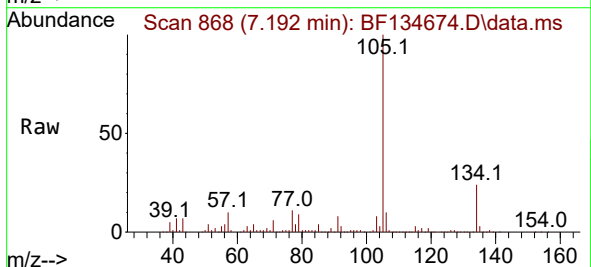
Instrument :
BNA_F
ClientSampleId :
MW-09DL

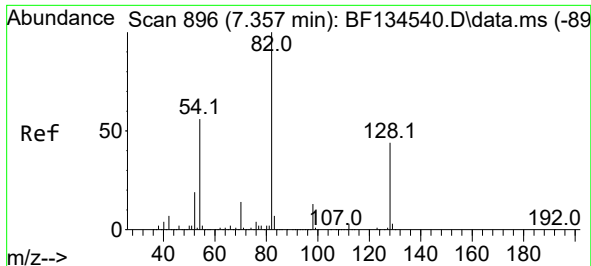
Tgt Ion:136 Resp: 504134
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 8.6 5.2 7.8#
68 6.9 2.9 4.3#



#22
Acetophenone
Concen: 25.256 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.024 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

Tgt Ion:105 Resp: 293943
Ion Ratio Lower Upper
105 100
71 6.1 7.4 11.0#
51 4.1 36.4 54.6#
120 0.3 16.6 25.0#





#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

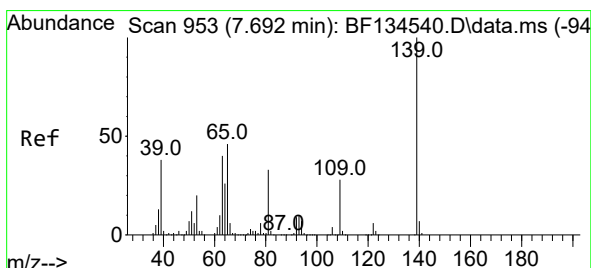
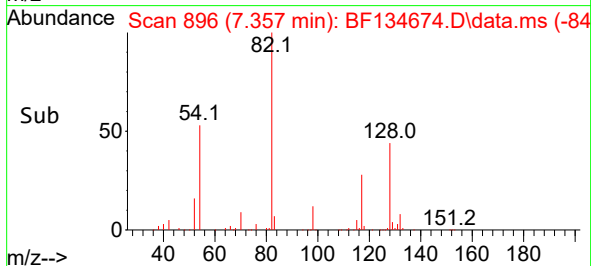
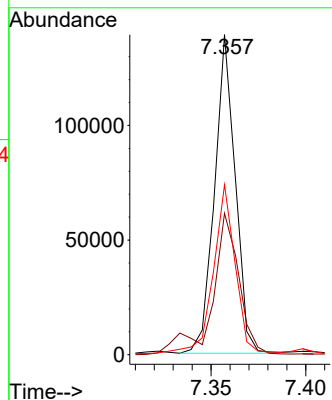
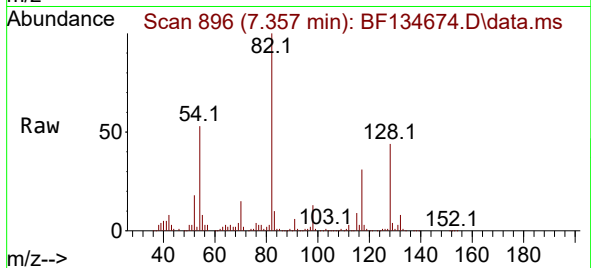
Tgt Ion: 82 Resp: 106027

Ion Ratio Lower Upper

82 100

128 44.2 34.3 51.5

54 53.1 43.8 65.6



#26

2-Nitrophenol

Concen: 4.968 ng

RT: 7.692 min Scan# 953

Delta R.T. -0.006 min

Lab File: BF134674.D

Acq: 08 Aug 2023 16:28

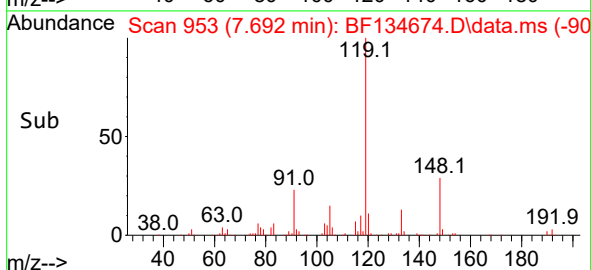
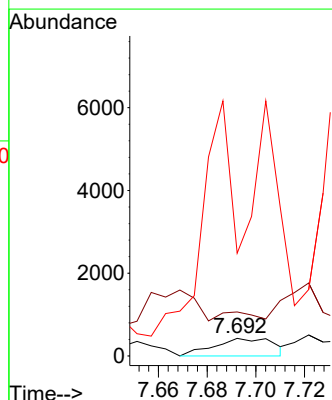
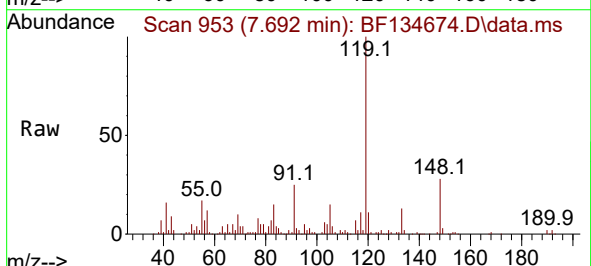
Tgt Ion: 139 Resp: 725

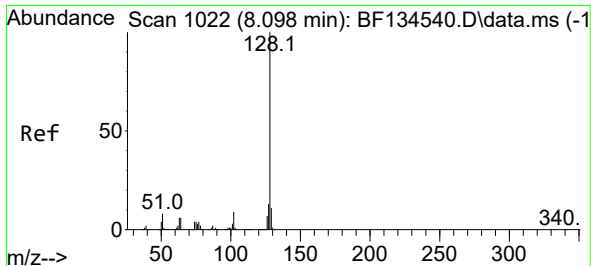
Ion Ratio Lower Upper

139 100

109 249.2 29.8 44.6#

65 581.5 45.4 68.2#

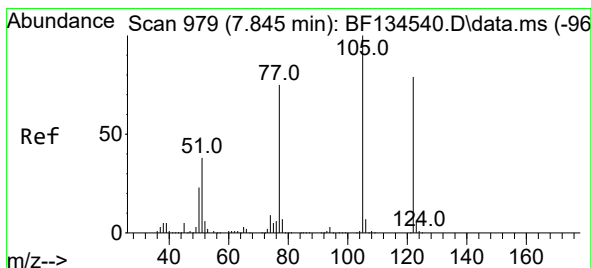
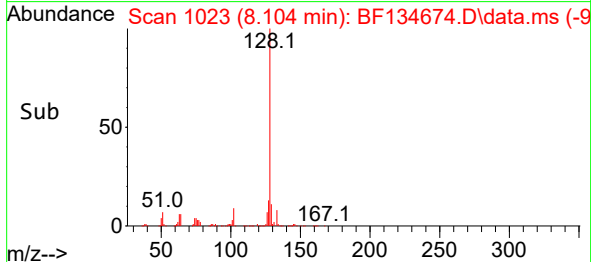
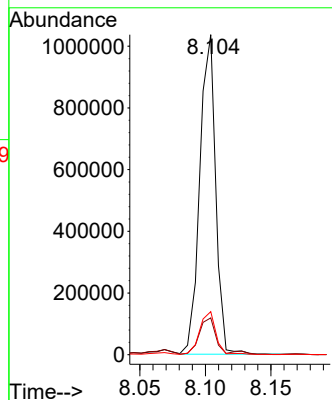
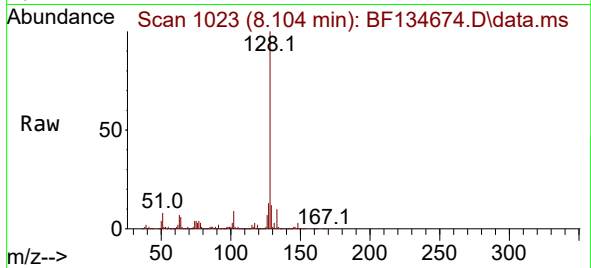




#31
Naphthalene
Concen: 34.536 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

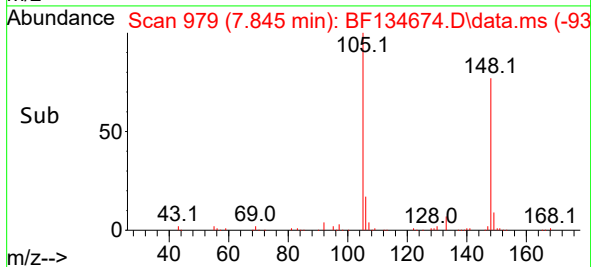
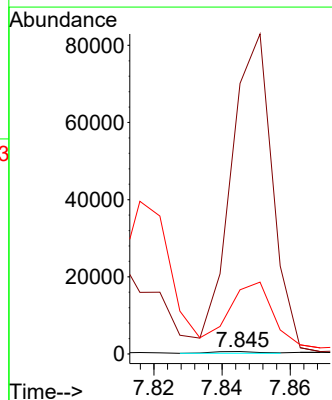
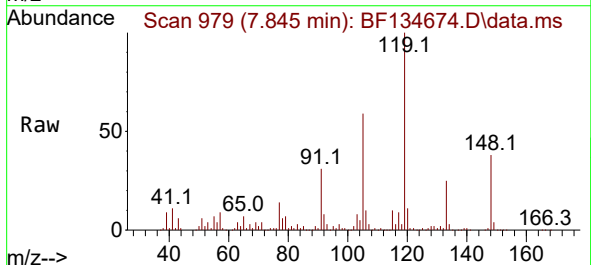
Instrument :
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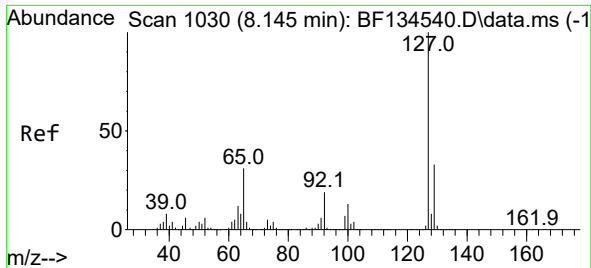
Tgt Ion:128 Resp: 875027
Ion Ratio Lower Upper
128 100
129 11.5 8.4 12.6
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 7.937 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.018 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

Tgt Ion:122 Resp: 430
Ion Ratio Lower Upper
122 100
105 10876.3 87.5 127.5#
77 2581.1 71.4 111.4#

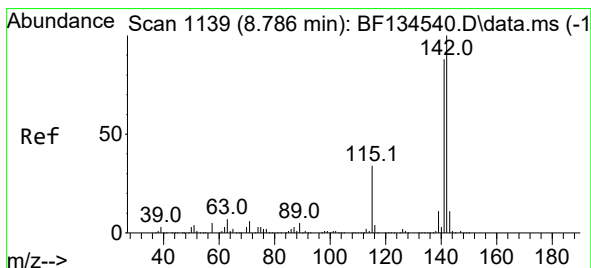
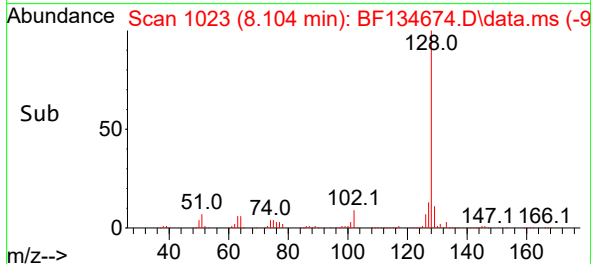
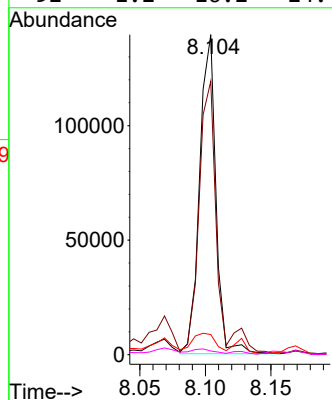
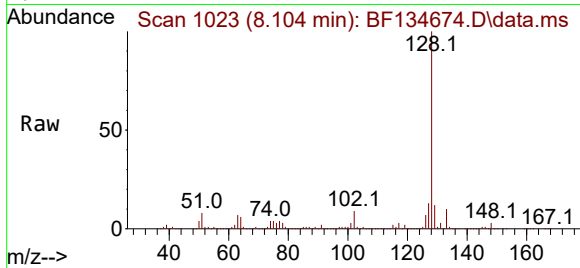




#33
4-Chloroaniline
Concen: 10.671 ng
RT: 8.104 min Scan# 110
Delta R.T. -0.047 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

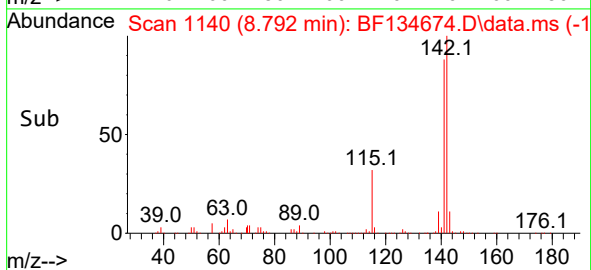
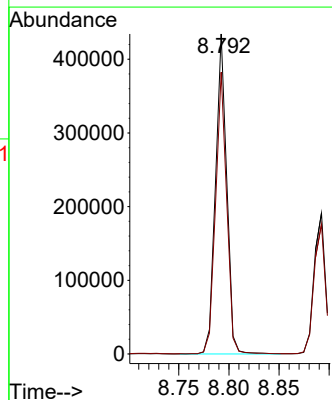
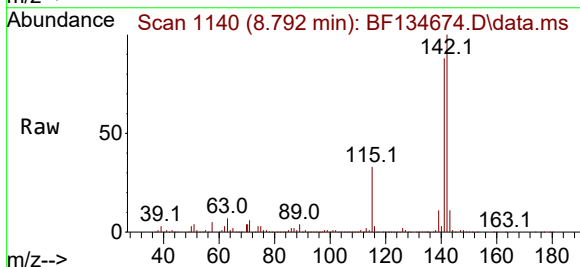
Instrument :
BNA_F
ClientSampleId :
MW-09DL

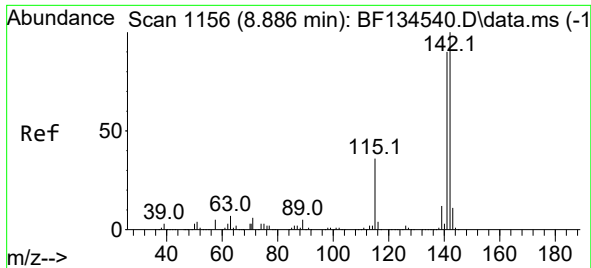
Tgt Ion:127 Resp: 120467
Ion Ratio Lower Upper
127 100
129 85.5 25.6 38.4#
65 6.3 25.4 38.0#
92 1.2 16.2 24.4#



#37
2-Methylnaphthalene
Concen: 20.077 ng
RT: 8.792 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

Tgt Ion:142 Resp: 337171
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2

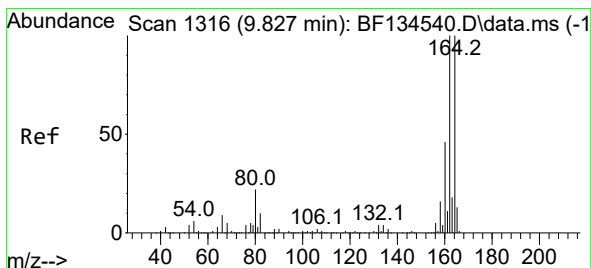
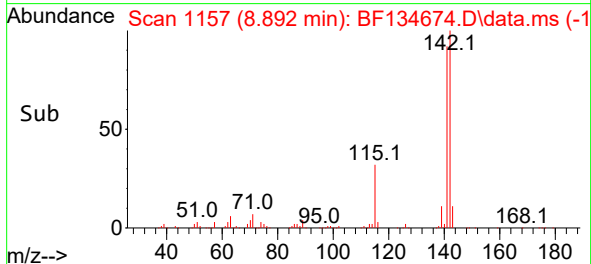
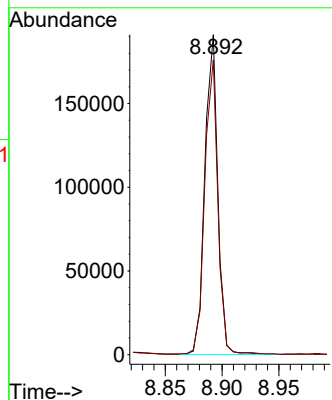
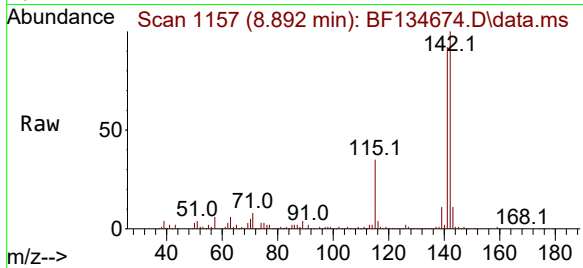




#38
1-Methylnaphthalene
Concen: 9.667 ng
RT: 8.892 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

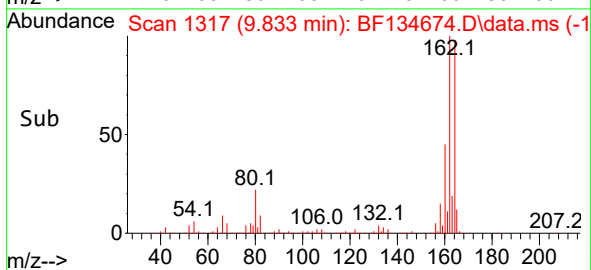
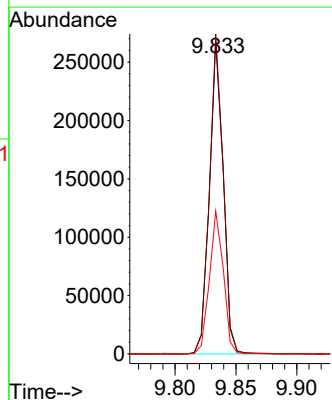
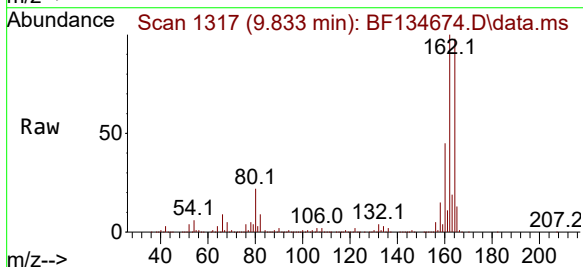
Instrument :
BNA_F
ClientSampleId :
MW-09DL

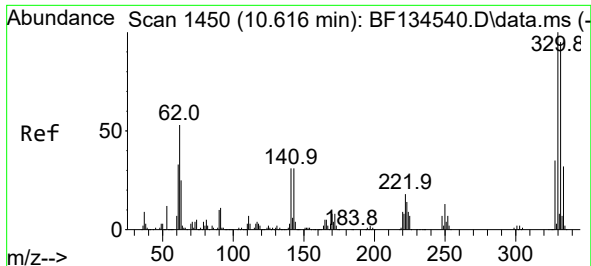
Tgt Ion:142 Resp: 150975
Ion Ratio Lower Upper
142 100
141 92.1 71.4 107.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

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# 1450

Delta R.T. -0.006 min

Lab File: BF134674.D

Acq: 08 Aug 2023 16:28

Instrument :

BNA_F

ClientSampleId :

MW-09DL

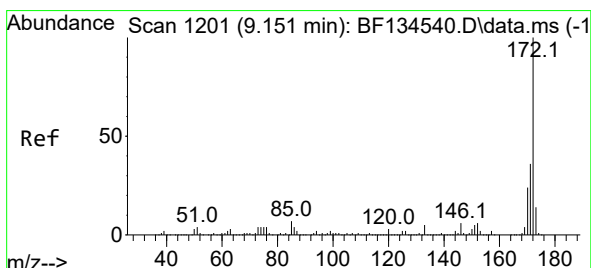
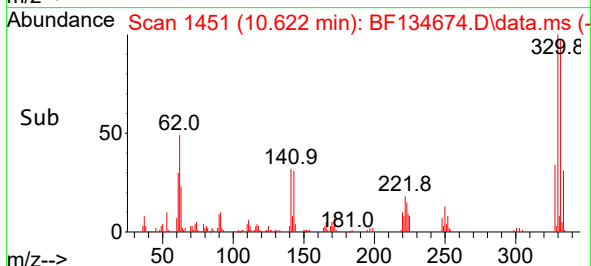
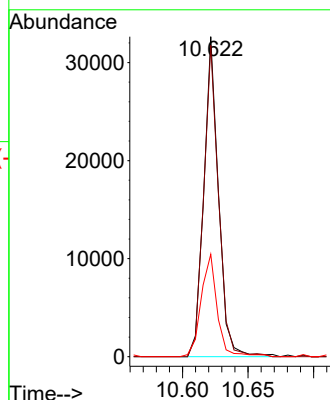
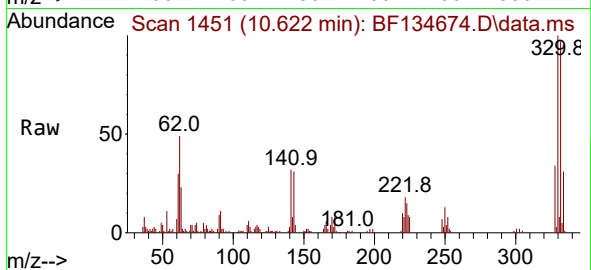
Tgt Ion:330 Resp: 25570

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# 1201

Delta R.T. -0.012 min

Lab File: BF134674.D

Acq: 08 Aug 2023 16:28

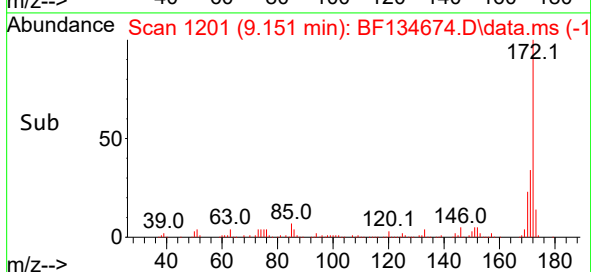
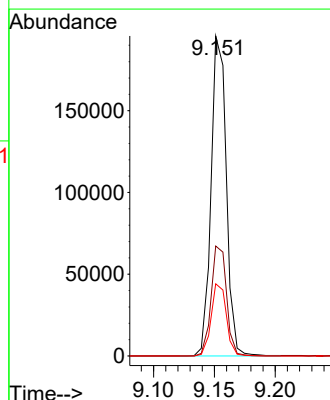
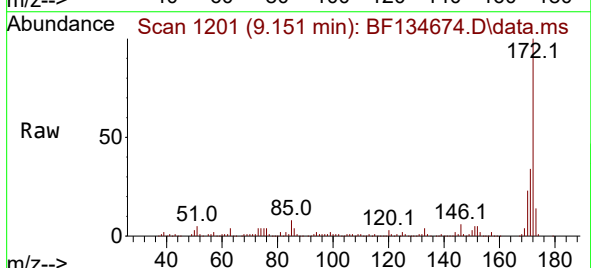
Tgt Ion:172 Resp: 170601

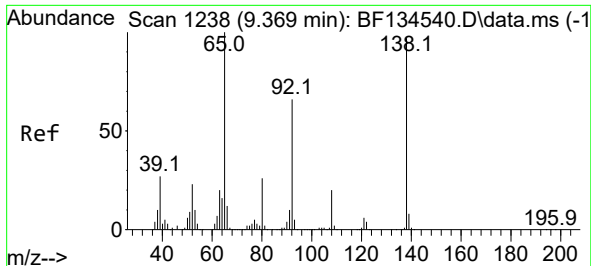
Ion Ratio Lower Upper

172 100

171 34.4 28.8 43.2

170 22.5 18.7 28.1

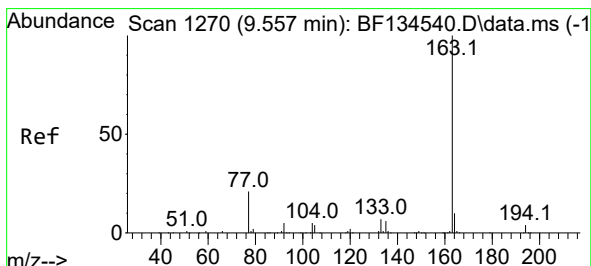
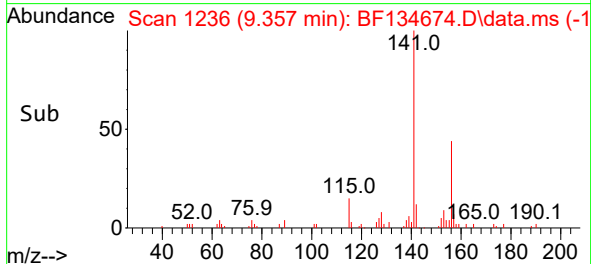
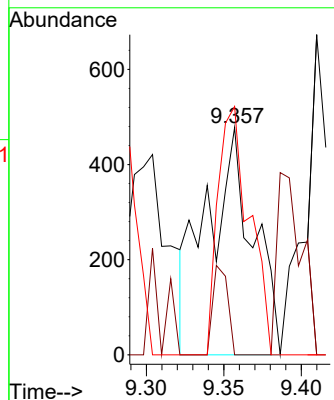
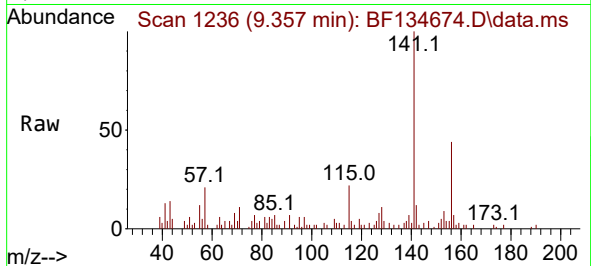




#48
2-Nitroaniline
Concen: 3.409 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

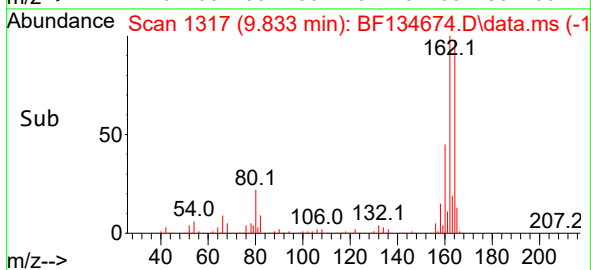
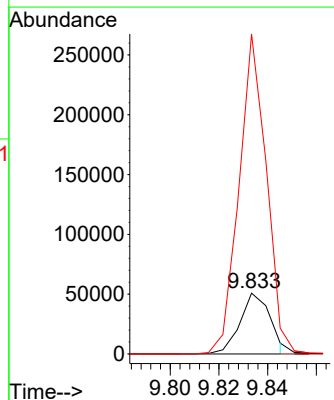
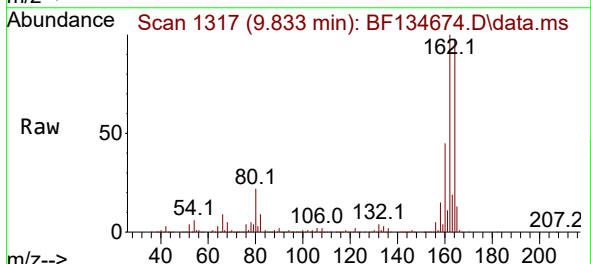
Instrument :
BNA_F
ClientSampleId :
MW-09DL

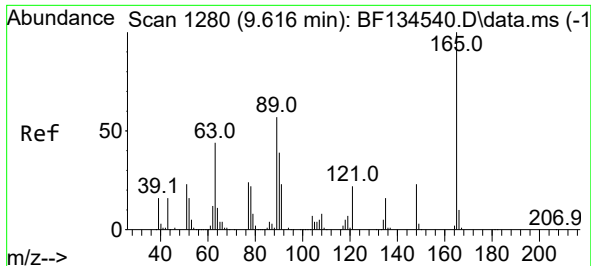
Tgt Ion: 65 Resp: 991
Ion Ratio Lower Upper
65 100
92 0.0 50.7 76.1#
138 109.2 78.2 117.4



#50
Dimethylphthalate
Concen: 3.063 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

Tgt Ion: 163 Resp: 43867
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 525.9 7.5 11.3#





#51

2,6-Dinitrotoluene

Concen: 11.369 ng

RT: 9.833 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF134674.D

Acq: 08 Aug 2023 16:28

Instrument :

BNA_F

ClientSampleId :

MW-09DL

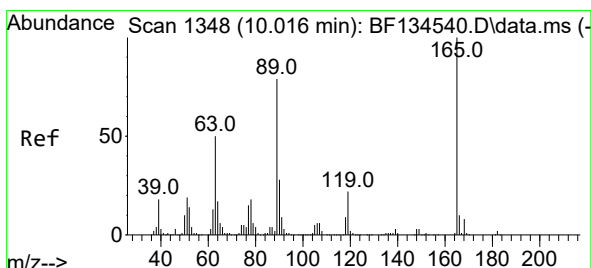
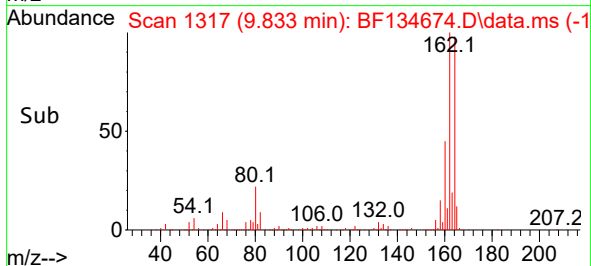
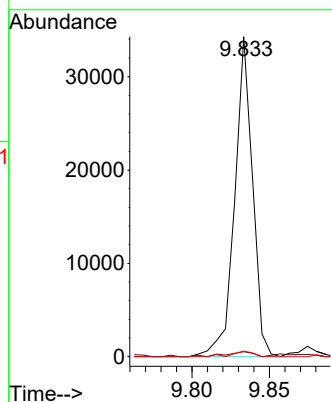
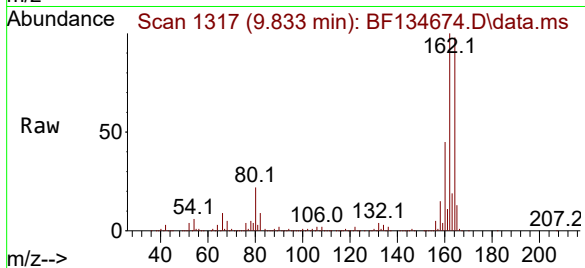
Tgt Ion:165 Resp: 27463

Ion Ratio Lower Upper

165 100

63 1.5 57.8 86.6#

89 1.7 51.8 77.8#



#57

2,4-Dinitrotoluene

Concen: 3.110 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.153 min

Lab File: BF134674.D

Acq: 08 Aug 2023 16:28

Tgt Ion:165 Resp: 978

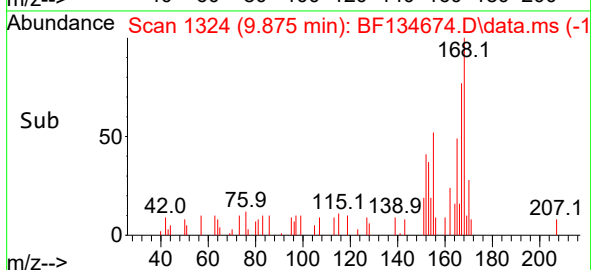
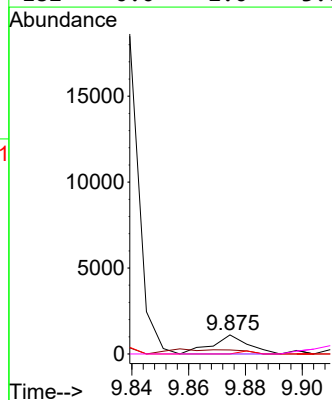
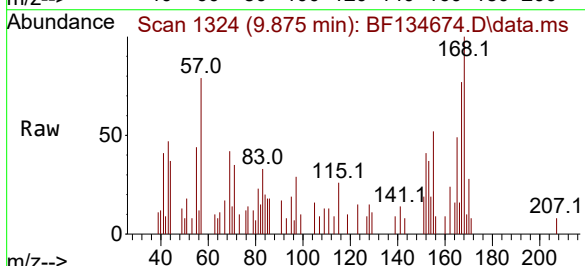
Ion Ratio Lower Upper

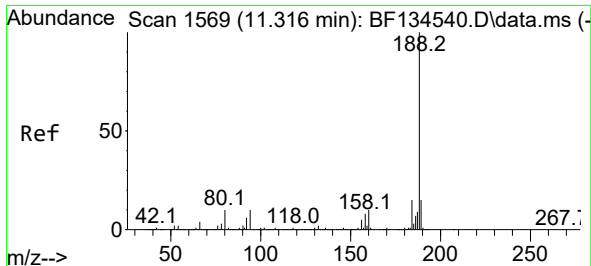
165 100

63 21.3 48.9 73.3#

89 0.0 61.7 92.5#

182 0.0 2.0 3.0#

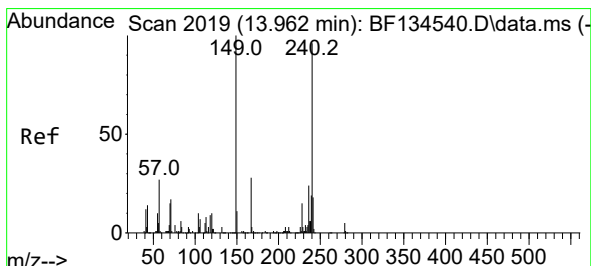
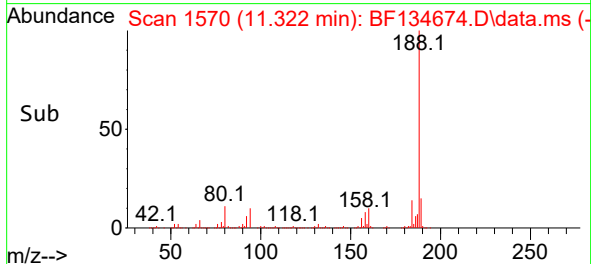
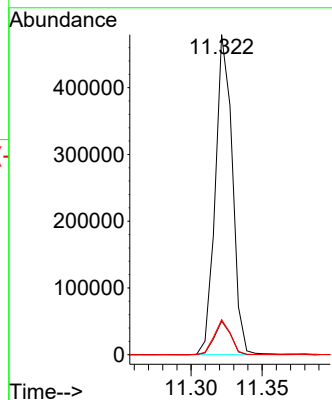
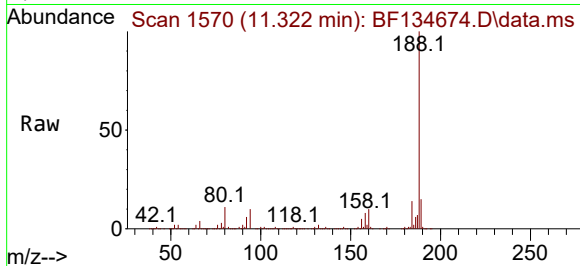




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

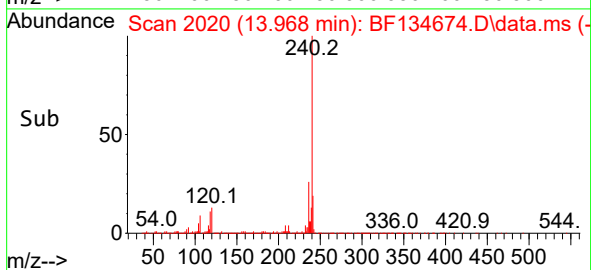
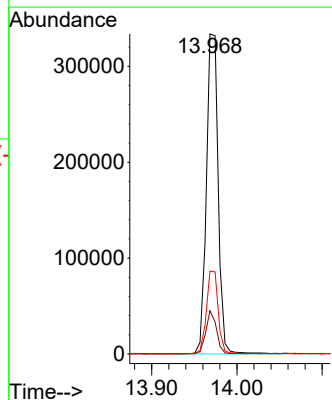
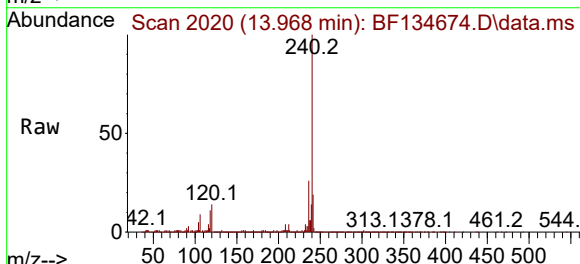
Instrument :
BNA_F
ClientSampleId :
MW-09DL

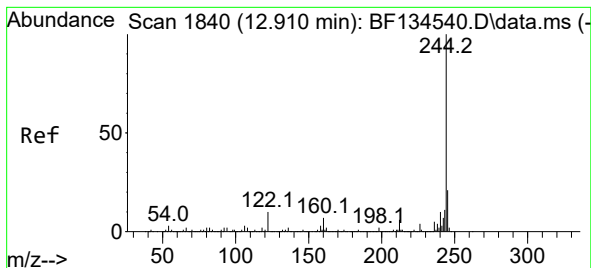
Tgt Ion:188 Resp: 400250
Ion Ratio Lower Upper
188 100
94 10.5 5.1 7.7#
80 11.0 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134674.D
Acq: 08 Aug 2023 16:28

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# 1

Delta R.T. -0.006 min

Lab File: BF134674.D

Acq: 08 Aug 2023 16:28

Instrument :

BNA_F

ClientSampleId :

MW-09DL

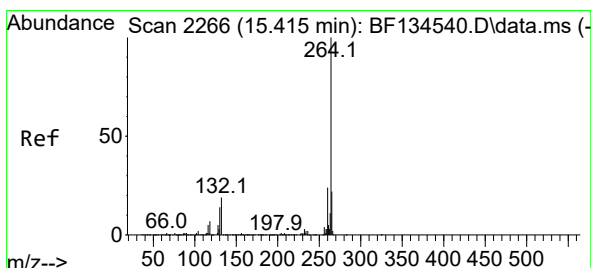
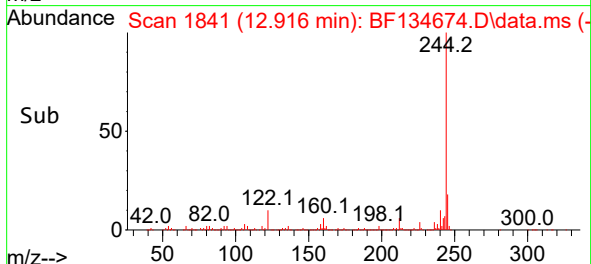
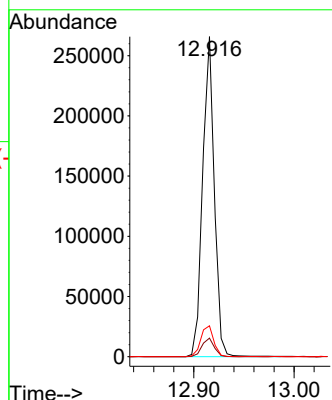
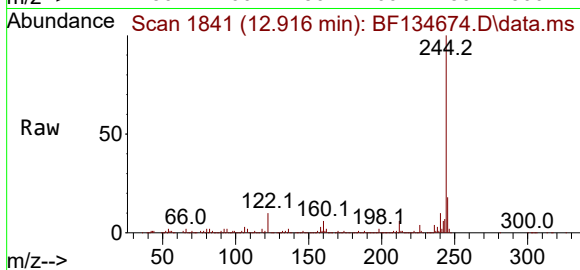
Tgt Ion:244 Resp: 215824

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# 2271

Delta R.T. 0.006 min

Lab File: BF134674.D

Acq: 08 Aug 2023 16:28

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

