

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
 Data File : BF134675.D
 Acq On : 08 Aug 2023 17:01
 Operator : CG\JU
 Sample : 03903-19DL 25X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-09WDL

Quant Time: Aug 09 02:19:00 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

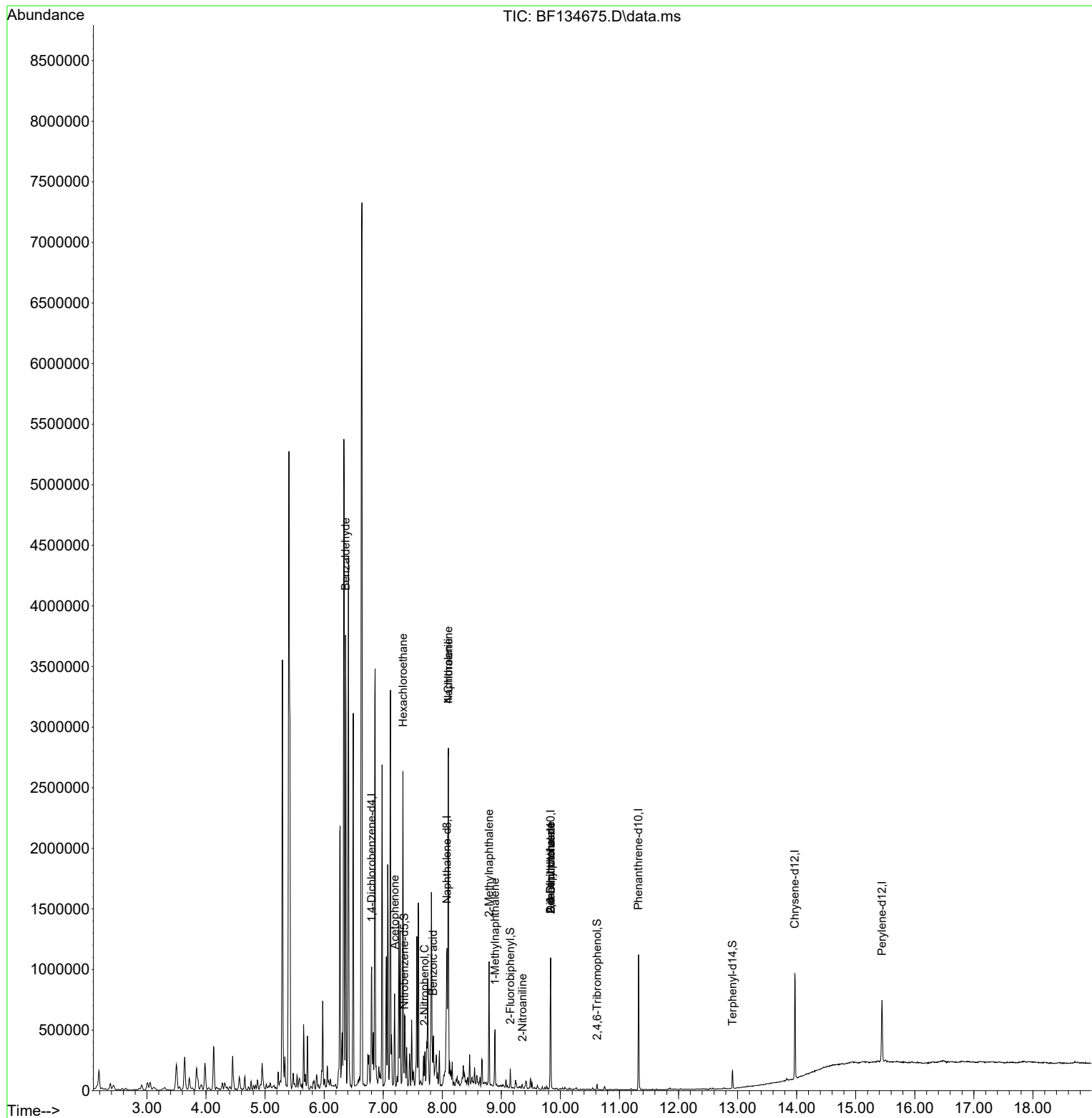
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	140418	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	474431	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	193989	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	363131	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	299983	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	241530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	15332	1.660	ng	0.00
7) Phenol-d6	6.428	99	15871	1.344	ng	-0.01
23) Nitrobenzene-d5	7.357	82	22586	2.975	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	4582	2.317	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	42548	3.647	ng	-0.01
79) Terphenyl-d14	12.916	244	49319	2.898	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.363	77	141543	20.860	ng	# 1
18) Hexachloroethane	7.334	117	106555	31.421	ng	# 1
22) Acetophenone	7.193	105	233636	21.332	ng	# 48
26) 2-Nitrophenol	7.698	139	328	4.877	ng	# 1
31) Naphthalene	8.104	128	1142230	47.904	ng	99
32) Benzoic acid	7.845	122	1455	8.120	ng	# 1
33) 4-Chloroaniline	8.104	127	150236	14.141	ng	# 33
37) 2-Methylnaphthalene	8.792	142	253035	16.010	ng	99
38) 1-Methylnaphthalene	8.892	142	116508	7.928	ng	98
48) 2-Nitroaniline	9.357	65	345	3.258	ng	# 50
50) Dimethylphthalate	9.834	163	40219	3.042	ng	# 1
51) 2,6-Dinitrotoluene	9.834	165	25905	11.561	ng	# 17
57) 2,4-Dinitrotoluene	9.834	165	25905	10.298	ng	# 18

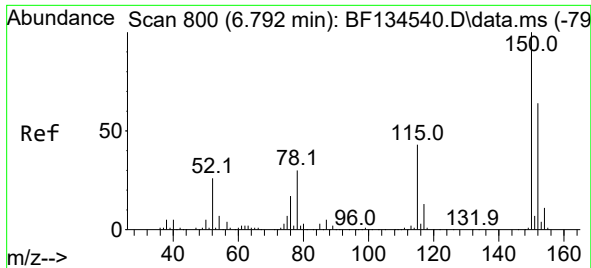
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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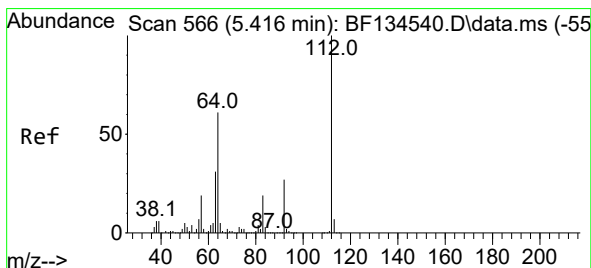
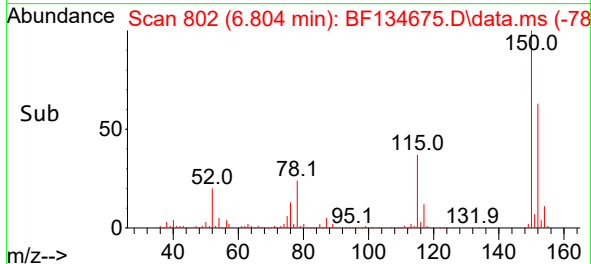
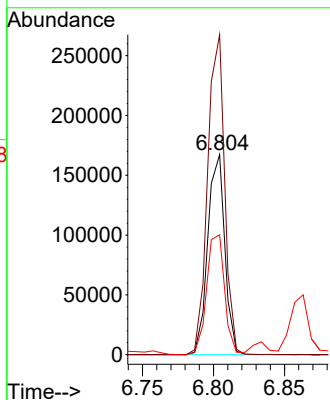
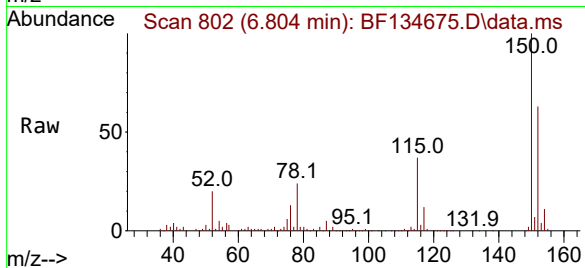




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF134675.D
 Acq: 08 Aug 2023 17:01

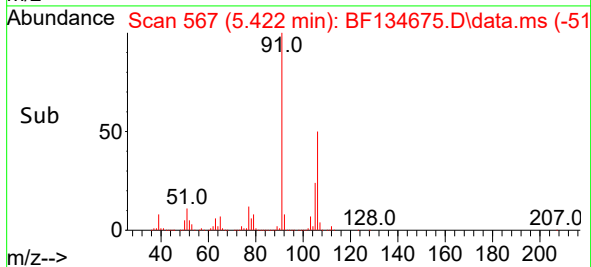
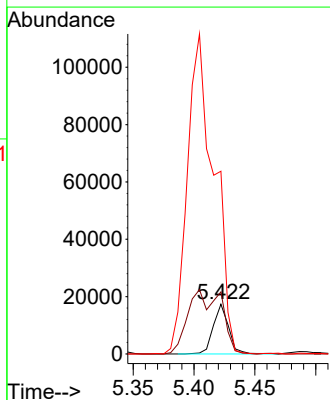
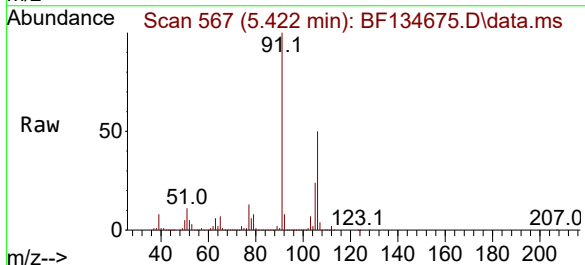
Instrument :
 BNA_F
 ClientSampleId :
 MW-09WDL

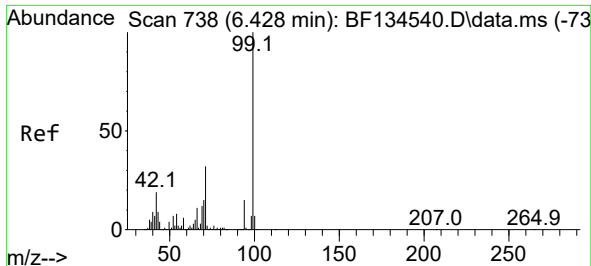
Tgt Ion:152 Resp: 140418
 Ion Ratio Lower Upper
 152 100
 150 159.8 128.3 192.5
 115 59.9 52.4 78.6



#5
 2-Fluorophenol
 Concen: 1.660 ng
 RT: 5.422 min Scan# 567
 Delta R.T. -0.006 min
 Lab File: BF134675.D
 Acq: 08 Aug 2023 17:01

Tgt Ion:112 Resp: 15332
 Ion Ratio Lower Upper
 112 100
 64 124.8 44.9 67.3#
 63 367.0 25.4 38.0#

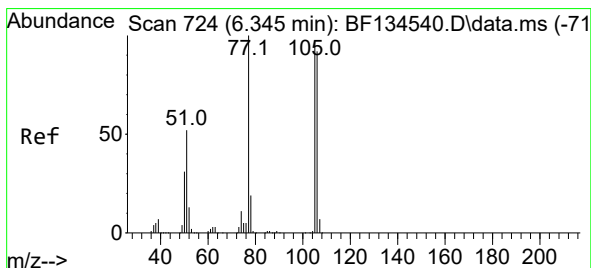
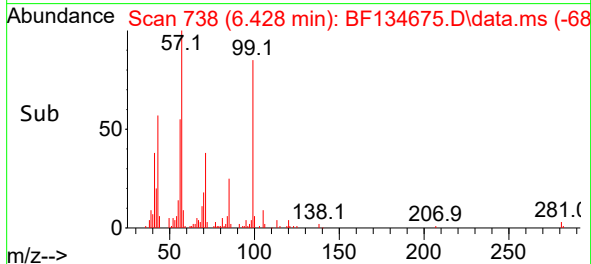
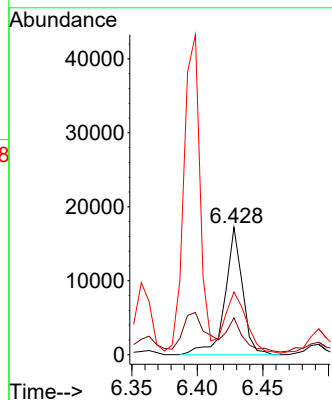
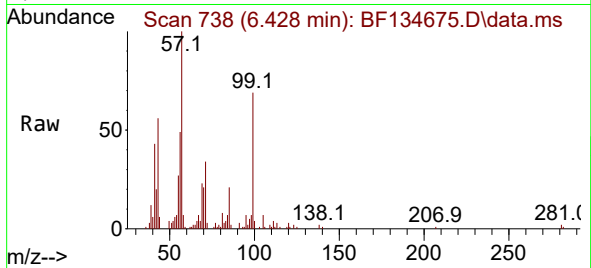




#7
Phenol-d6
Concen: 1.344 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

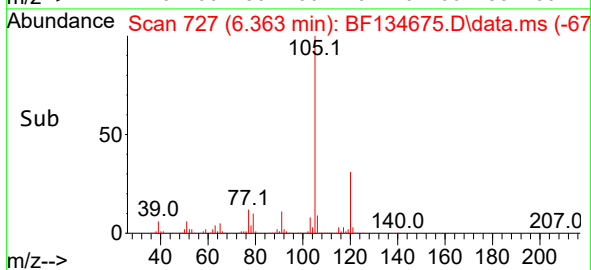
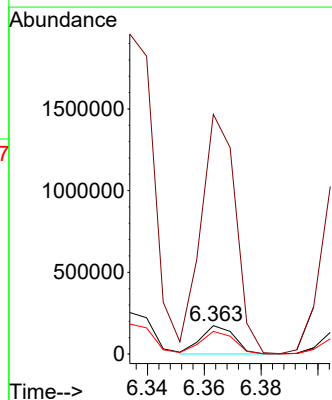
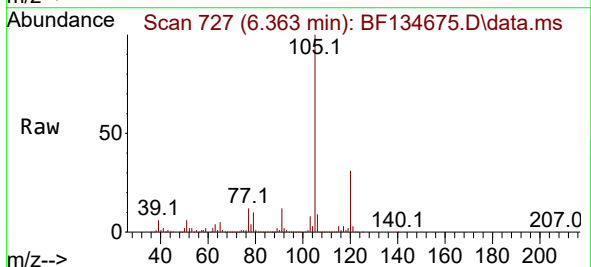
Instrument :
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ClientSampleId :
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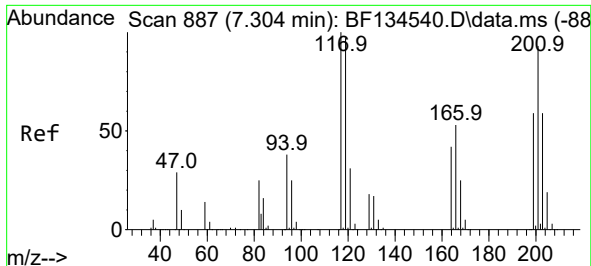
Tgt Ion: 99 Resp: 15871
Ion Ratio Lower Upper
99 100
42 28.9 18.7 28.1#
71 49.1 36.4 54.6



#9
Benzaldehyde
Concen: 20.860 ng
RT: 6.363 min Scan# 727
Delta R.T. 0.006 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

Tgt Ion: 77 Resp: 141543
Ion Ratio Lower Upper
77 100
105 845.1 77.1 117.1#
106 79.5 71.4 111.4

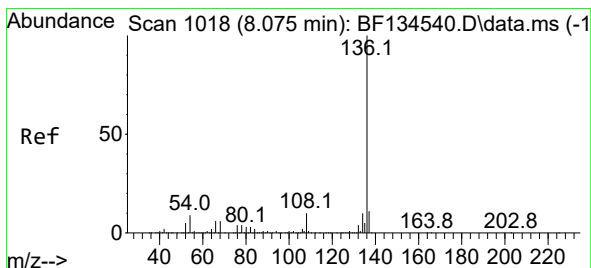
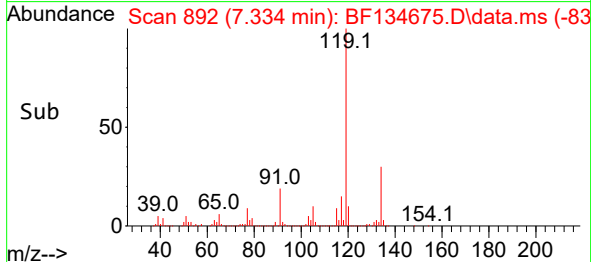
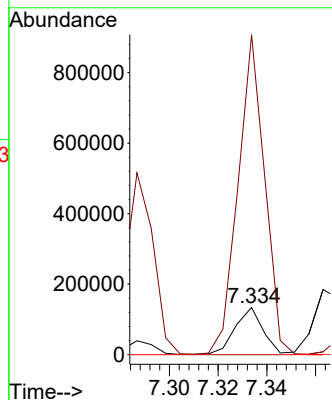
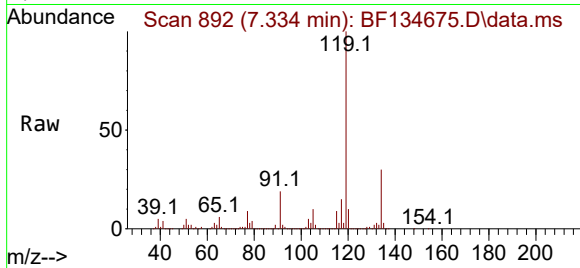




#18
Hexachloroethane
Concen: 31.421 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.024 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

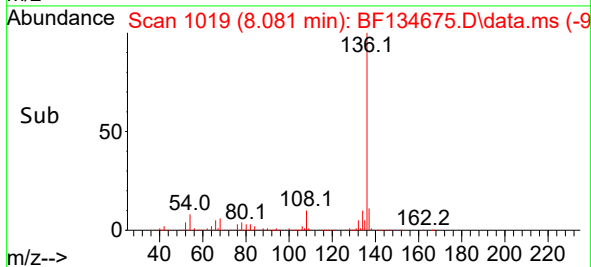
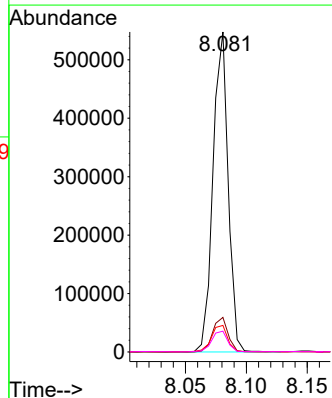
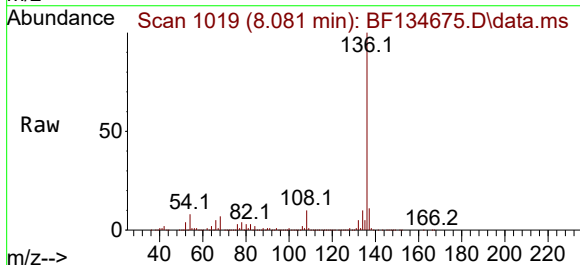
Instrument :
BNA_F
ClientSampleId :
MW-09WDL

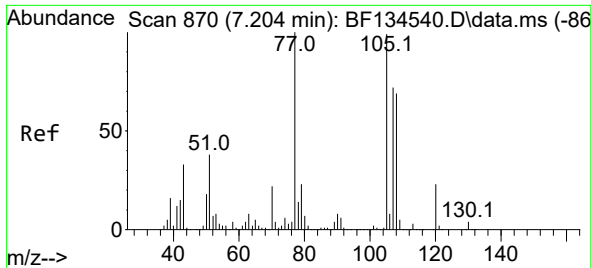
Tgt Ion:117 Resp: 106555
Ion Ratio Lower Upper
117 100
119 678.2 75.8 113.8#
201 0.0 73.6 110.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

Tgt Ion:136 Resp: 474431
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.3 5.2 7.8#
68 6.5 2.9 4.3#

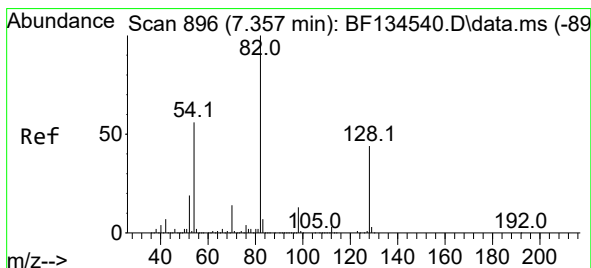
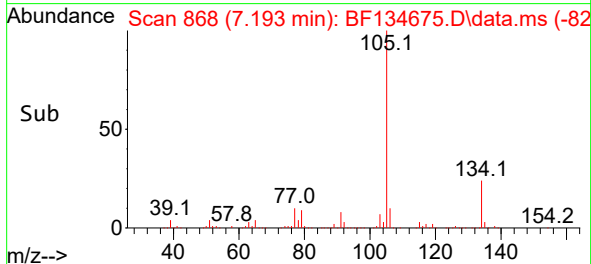
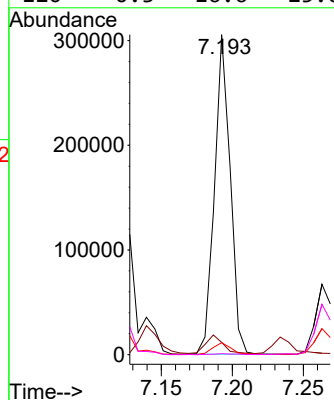
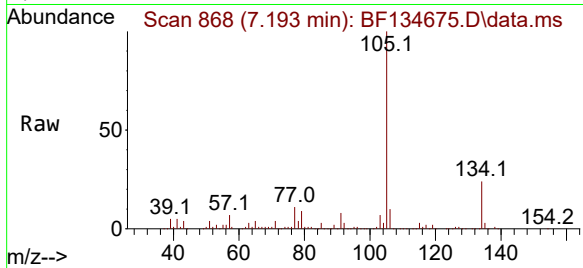




#22
Acetophenone
Concen: 21.332 ng
RT: 7.193 min Scan# 868
Delta R.T. -0.023 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

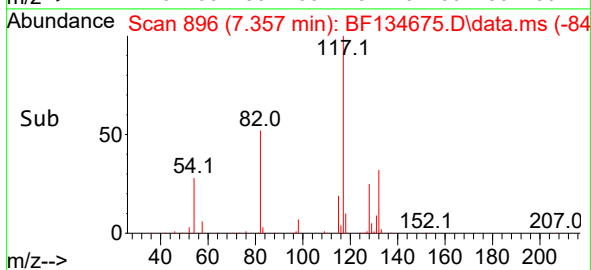
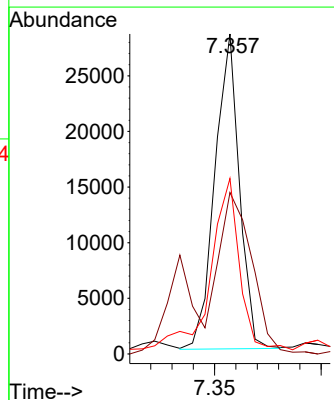
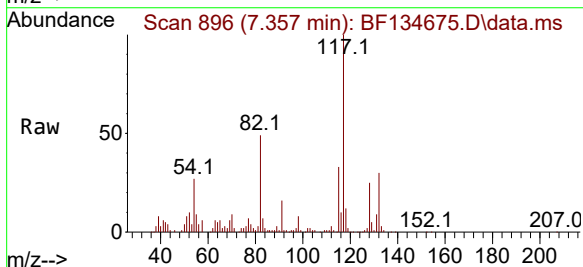
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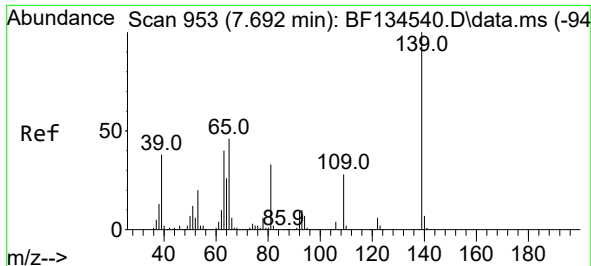
Tgt Ion:105 Resp: 233636
Ion Ratio Lower Upper
105 100
71 3.9 7.4 11.0#
51 3.8 36.4 54.6#
120 0.3 16.6 25.0#



#23
Nitrobenzene-d5
Concen: 2.975 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

Tgt Ion: 82 Resp: 22586
Ion Ratio Lower Upper
82 100
128 50.5 34.3 51.5
54 54.8 43.8 65.6

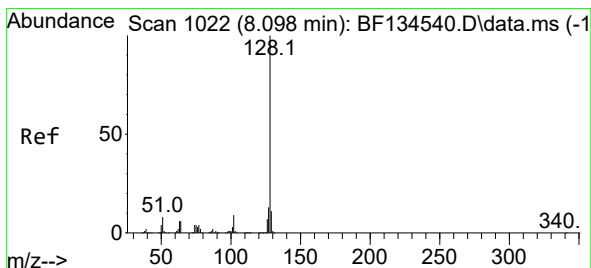
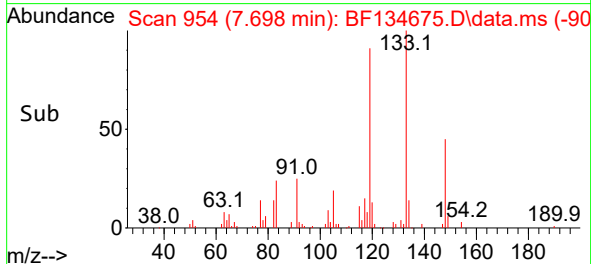
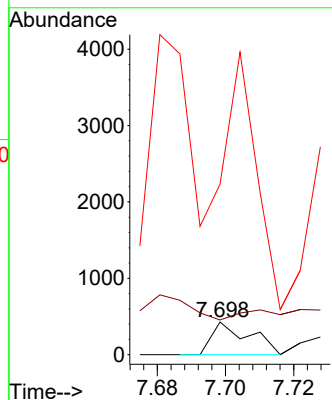
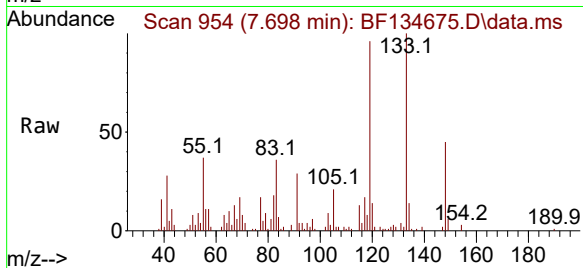




#26
2-Nitrophenol
Concen: 4.877 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

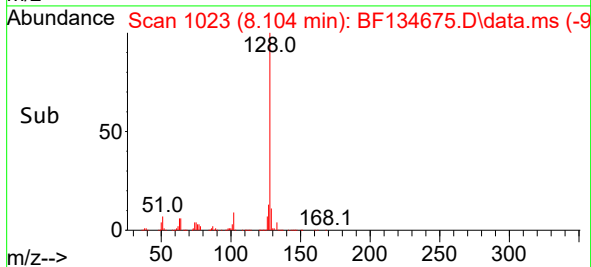
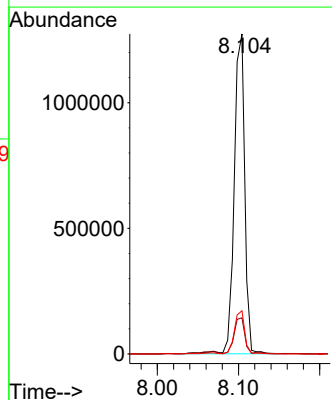
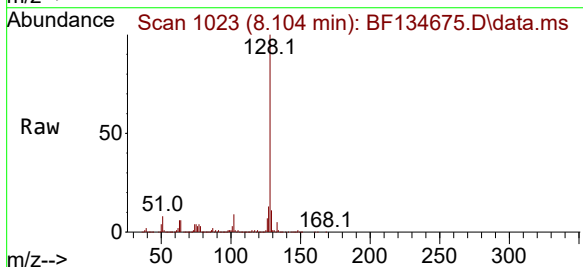
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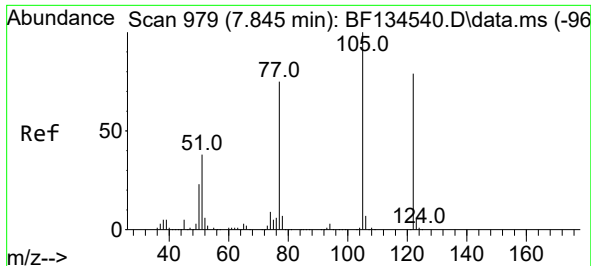
Tgt Ion:139 Resp: 328
Ion Ratio Lower Upper
139 100
109 106.3 29.8 44.6#
65 523.2 45.4 68.2#



#31
Naphthalene
Concen: 47.904 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

Tgt Ion:128 Resp: 1142230
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 13.5 10.7 16.1

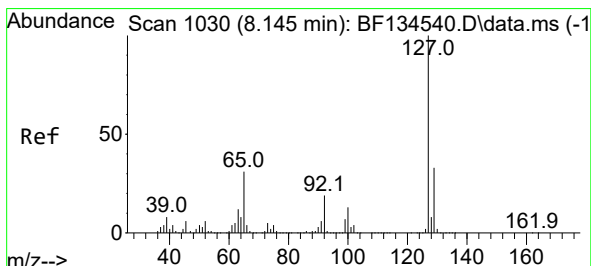
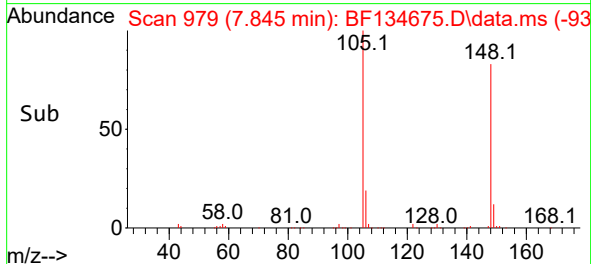
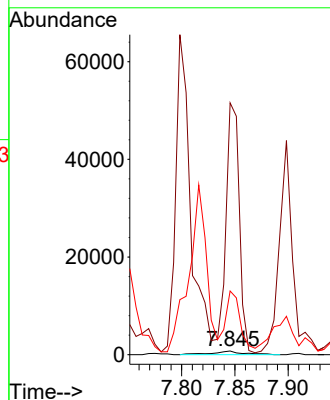
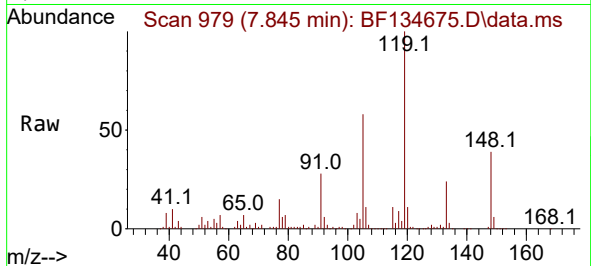




#32
Benzoic acid
Concen: 8.120 ng
RT: 7.845 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

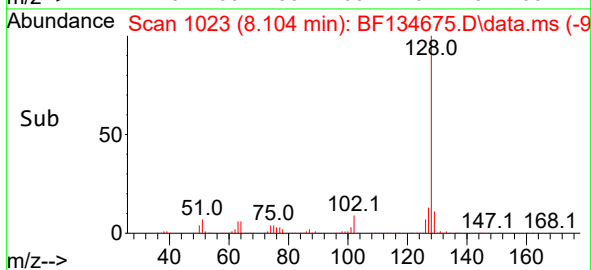
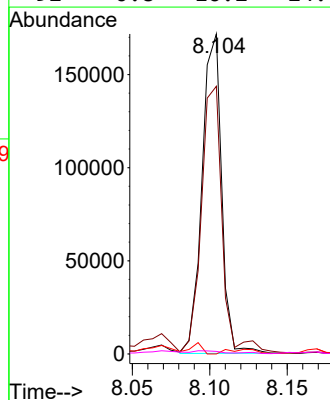
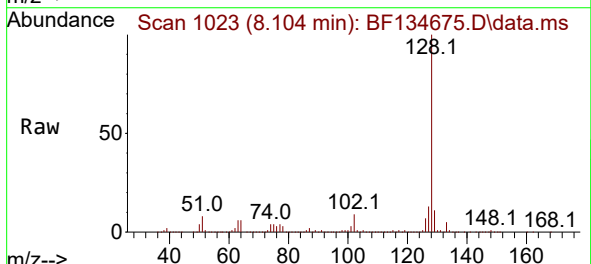
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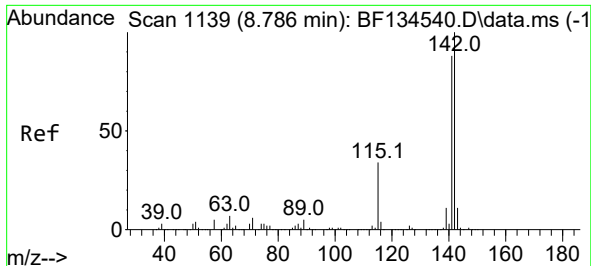
Tgt Ion:122 Resp: 1455
Ion Ratio Lower Upper
122 100
105 6978.1 87.5 127.5#
77 1765.2 71.4 111.4#



#33
4-Chloroaniline
Concen: 14.141 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.047 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

Tgt Ion:127 Resp: 150236
Ion Ratio Lower Upper
127 100
129 83.6 25.6 38.4#
65 0.0 25.4 38.0#
92 0.8 16.2 24.4#





#37

2-Methylnaphthalene

Concen: 16.010 ng

RT: 8.792 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF134675.D

Acq: 08 Aug 2023 17:01

Instrument :

BNA_F

ClientSampleId :

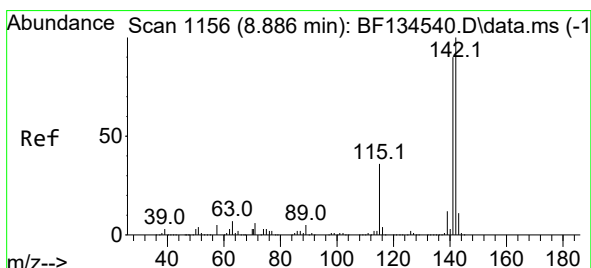
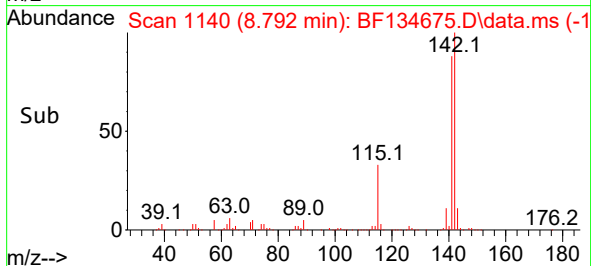
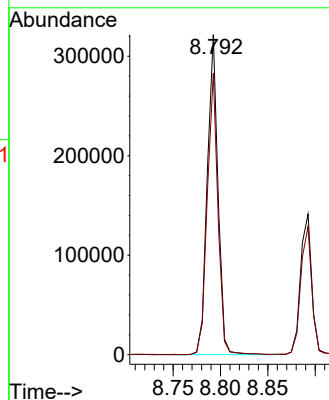
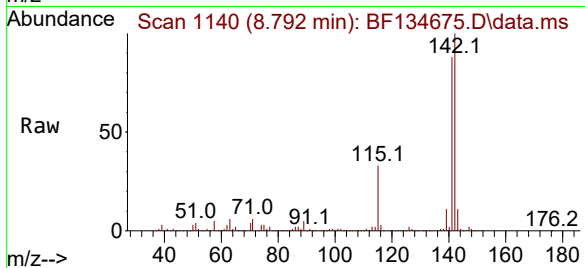
MW-09WDL

Tgt Ion:142 Resp: 253035

Ion Ratio Lower Upper

142 100

141 88.0 70.8 106.2



#38

1-Methylnaphthalene

Concen: 7.928 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF134675.D

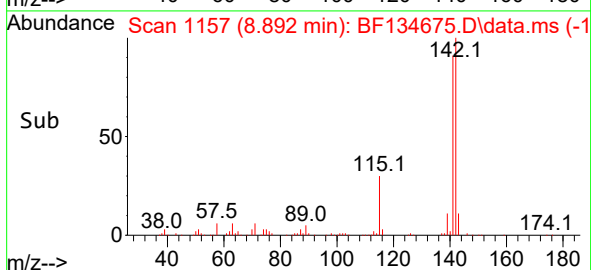
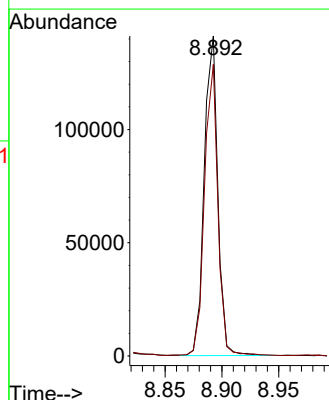
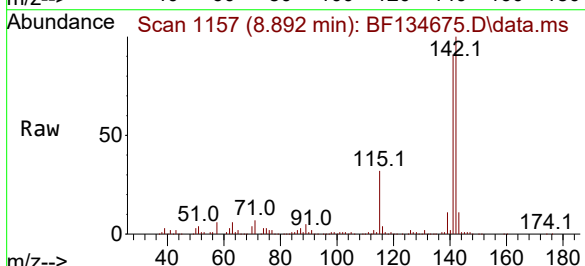
Acq: 08 Aug 2023 17:01

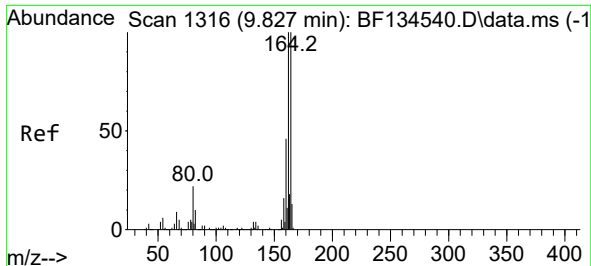
Tgt Ion:142 Resp: 116508

Ion Ratio Lower Upper

142 100

141 91.1 71.4 107.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134675.D

Acq: 08 Aug 2023 17:01

Instrument :

BNA_F

ClientSampleId :

MW-09WDL

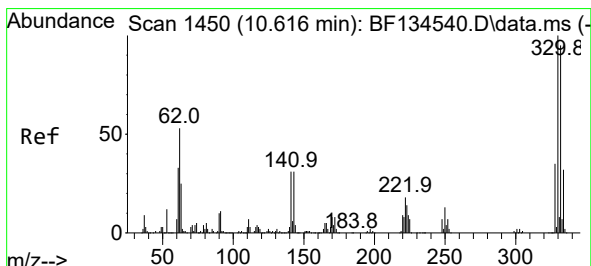
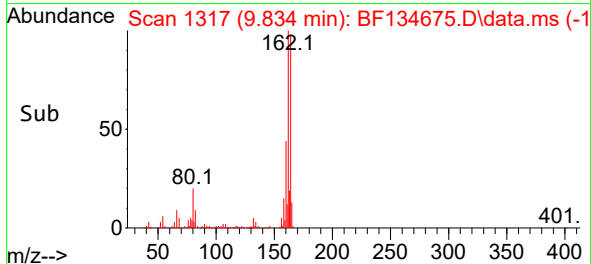
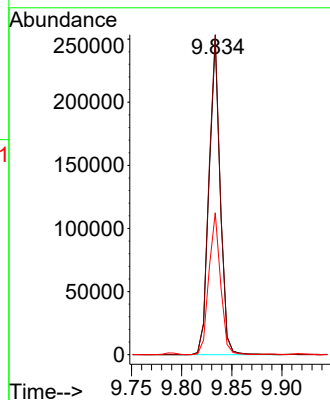
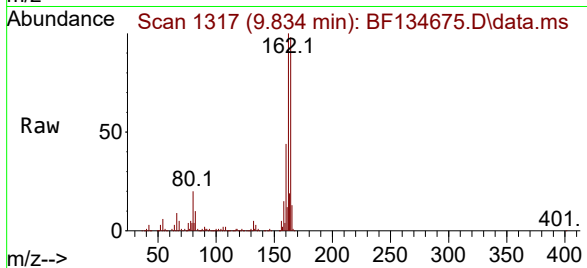
Tgt Ion:164 Resp: 193989

Ion Ratio Lower Upper

164 100

162 101.8 82.6 123.8

160 45.1 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 2.317 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134675.D

Acq: 08 Aug 2023 17:01

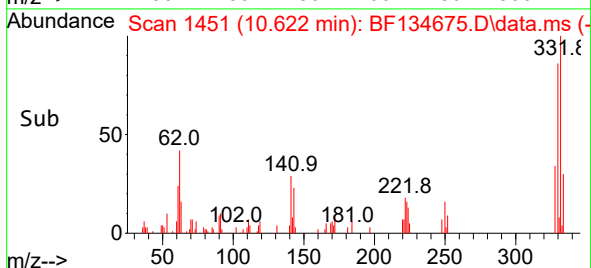
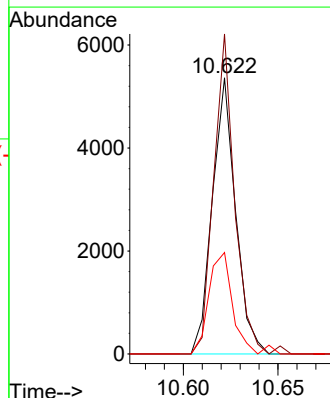
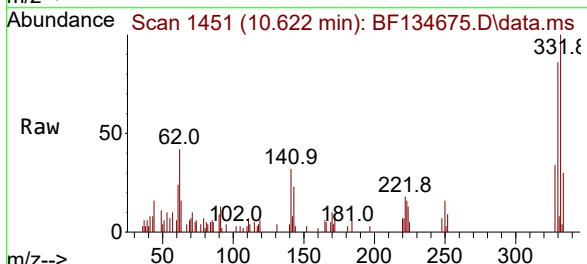
Tgt Ion:330 Resp: 4582

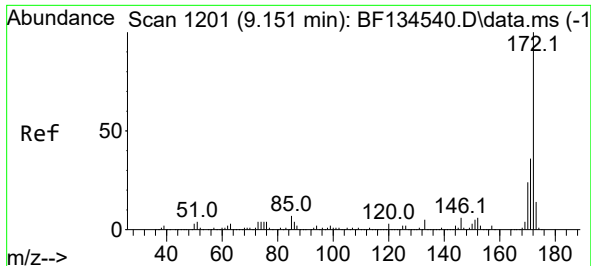
Ion Ratio Lower Upper

330 100

332 104.7 78.8 118.2

141 38.3 25.4 38.2#

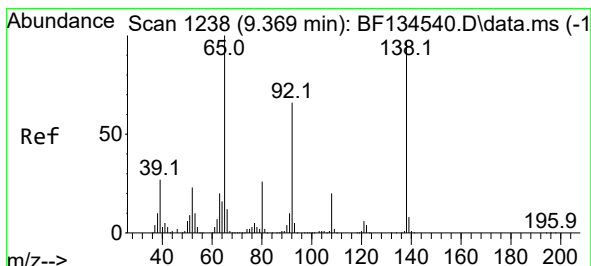
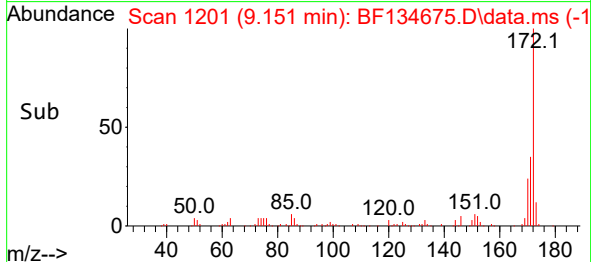
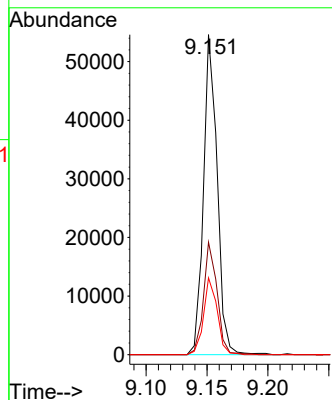
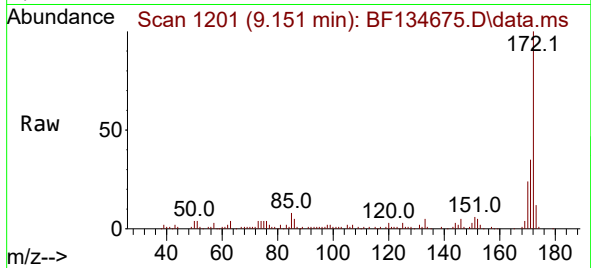




#45
2-Fluorobiphenyl
Concen: 3.647 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

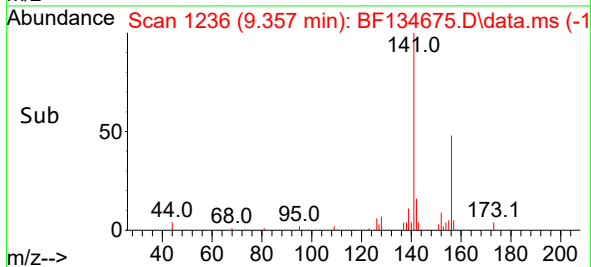
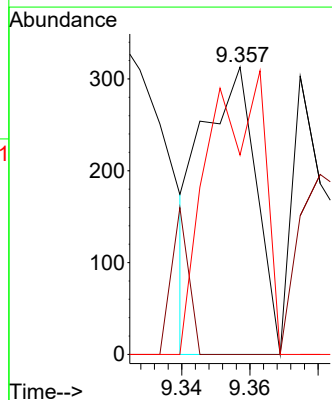
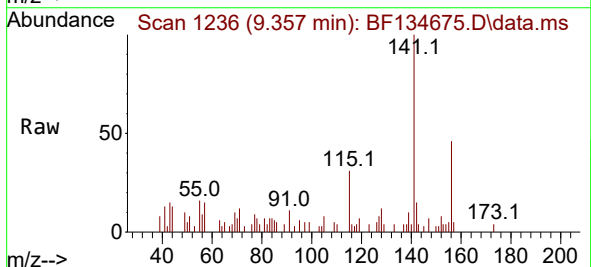
Instrument :
BNA_F
ClientSampleId :
MW-09WDL

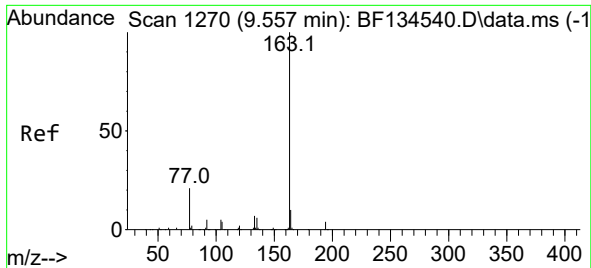
Tgt Ion:172 Resp: 42548
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 24.0 18.7 28.1



#48
2-Nitroaniline
Concen: 3.258 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.023 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

Tgt Ion: 65 Resp: 345
Ion Ratio Lower Upper
65 100
92 0.0 50.7 76.1#
138 69.3 78.2 117.4#

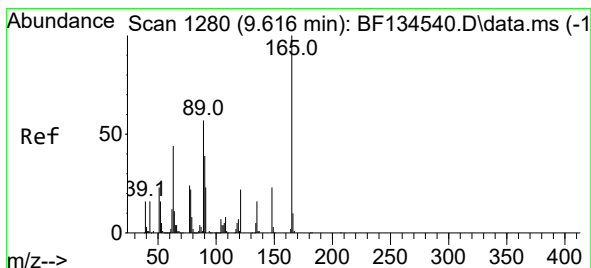
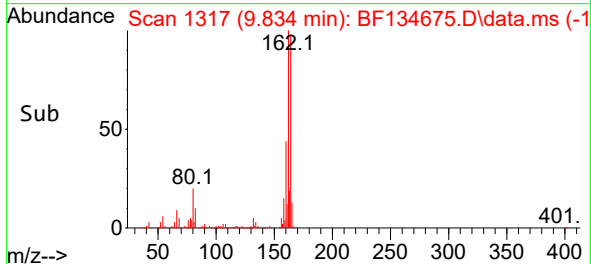
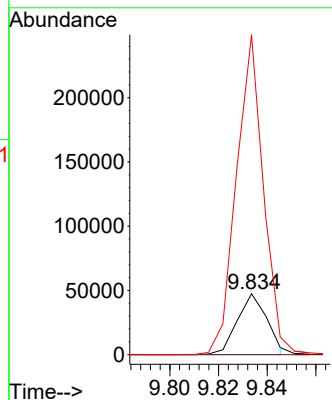
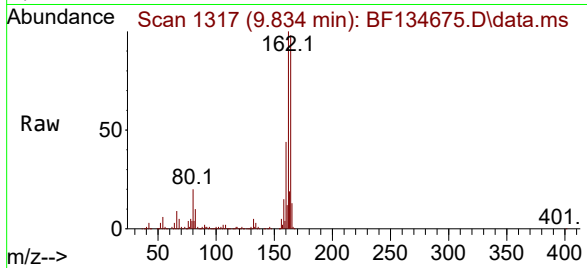




#50
Dimethylphthalate
Concen: 3.042 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

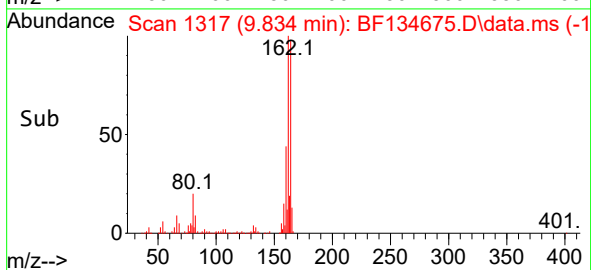
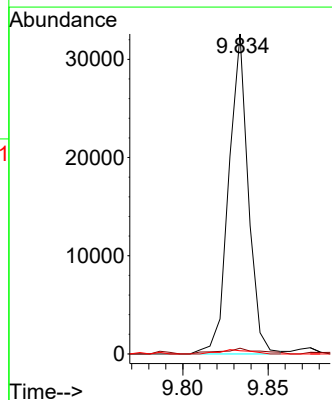
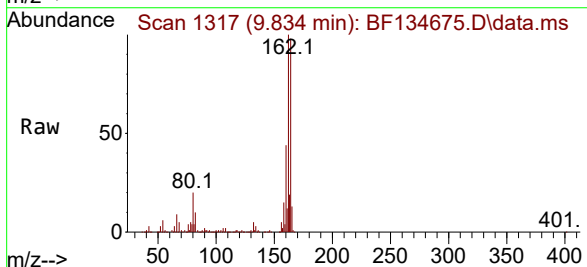
Instrument :
BNA_F
ClientSampleId :
MW-09WDL

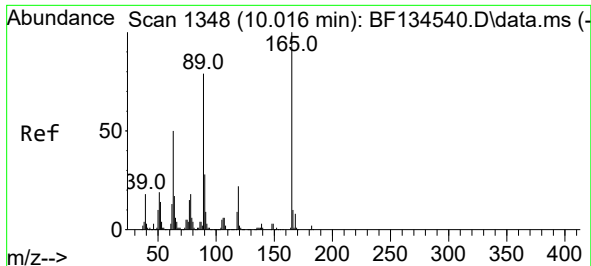
Tgt Ion:163 Resp: 40219
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 524.7 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.561 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

Tgt Ion:165 Resp: 25905
Ion Ratio Lower Upper
165 100
63 1.8 57.8 86.6#
89 1.0 51.8 77.8#

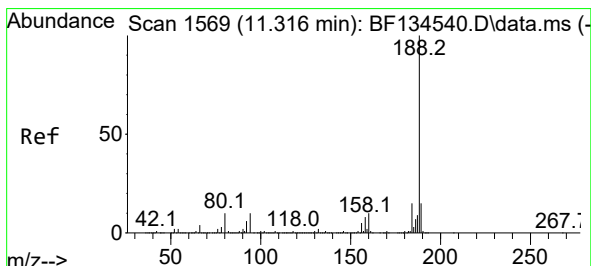
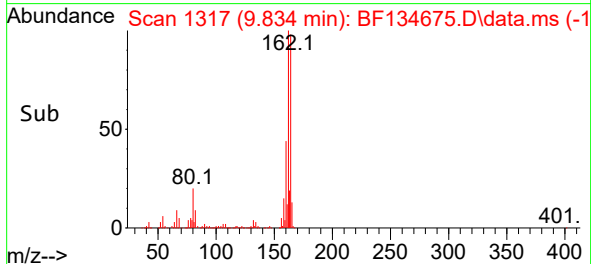
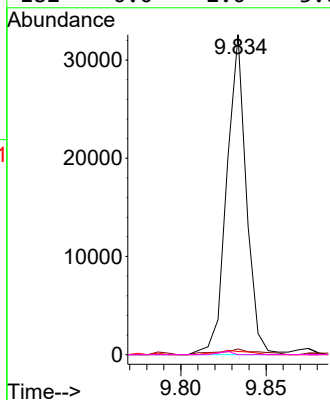
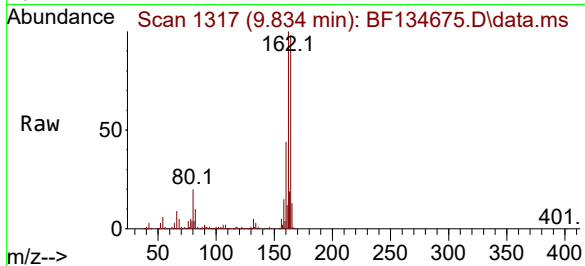




#57
2,4-Dinitrotoluene
Concen: 10.298 ng
RT: 9.834 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

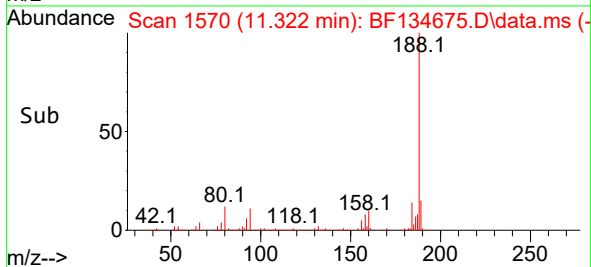
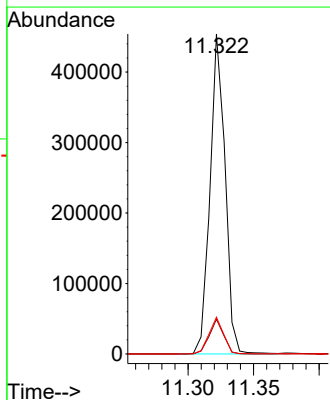
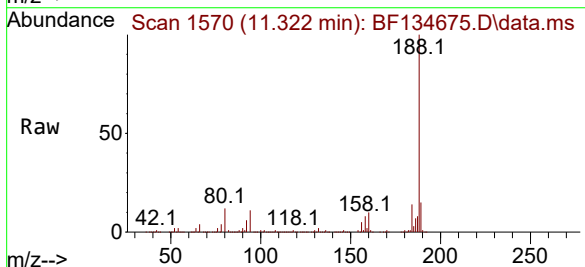
Instrument :
BNA_F
ClientSampleId :
MW-09WDL

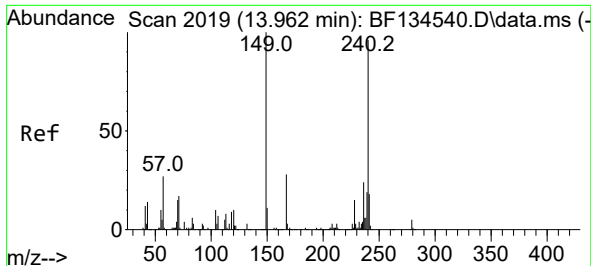
Tgt Ion:165 Resp: 25905
Ion Ratio Lower Upper
165 100
63 1.8 48.9 73.3#
89 1.0 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

Tgt Ion:188 Resp: 363131
Ion Ratio Lower Upper
188 100
94 10.8 5.1 7.7#
80 11.5 6.6 9.8#

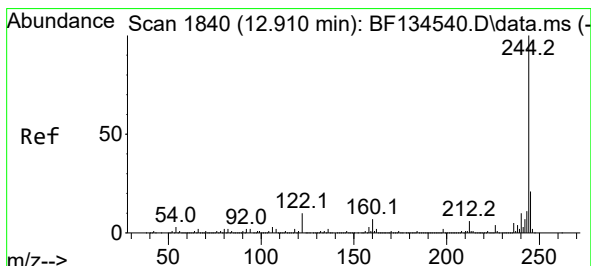
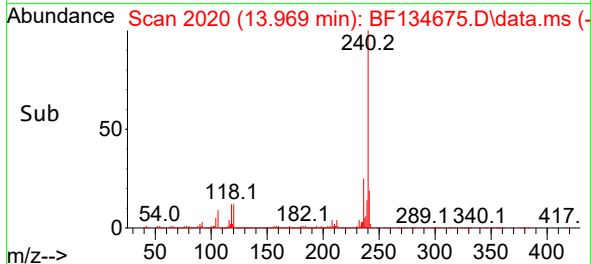
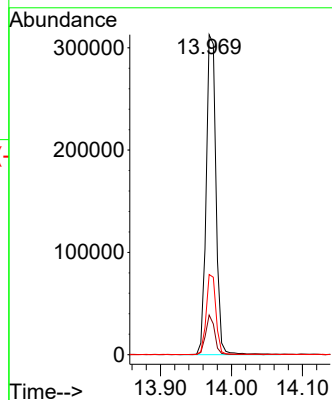
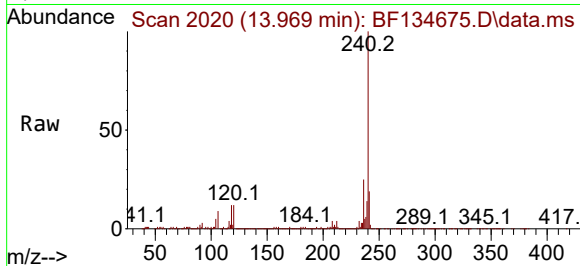




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

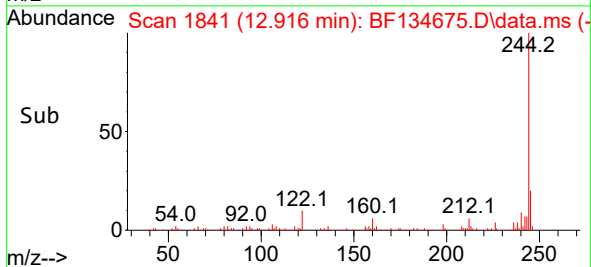
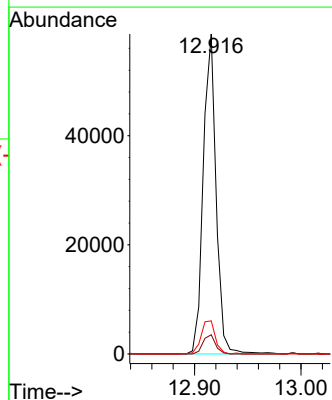
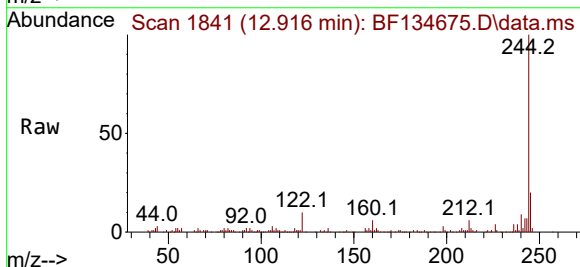
Instrument :
BNA_F
ClientSampleId :
MW-09WDL

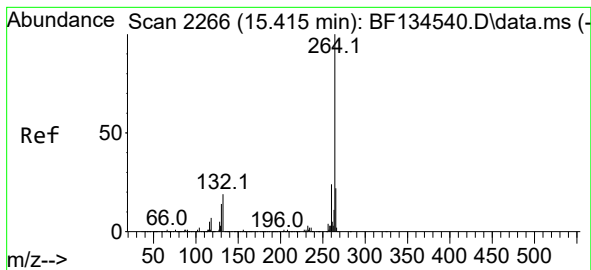
Tgt Ion:240 Resp: 299983
Ion Ratio Lower Upper
240 100
120 12.4 6.6 10.0#
236 25.0 20.2 30.2



#79
Terphenyl-d14
Concen: 2.898 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF134675.D
Acq: 08 Aug 2023 17:01

Tgt Ion:244 Resp: 49319
Ion Ratio Lower Upper
244 100
212 6.0 5.6 8.4
122 10.4 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: BF134675.D

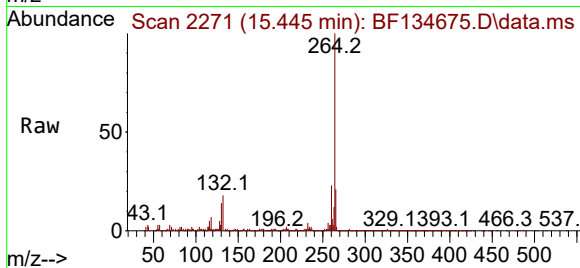
Acq: 08 Aug 2023 17:01

Instrument :

BNA_F

ClientSampleId :

MW-09WDL



Tgt Ion:264 Resp: 241530

Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 21.3 15.8 23.8

