

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
 Data File : BF134653.D
 Acq On : 07 Aug 2023 14:37
 Operator : CG\JU
 Sample : 03887-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 08 01:21:34 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)

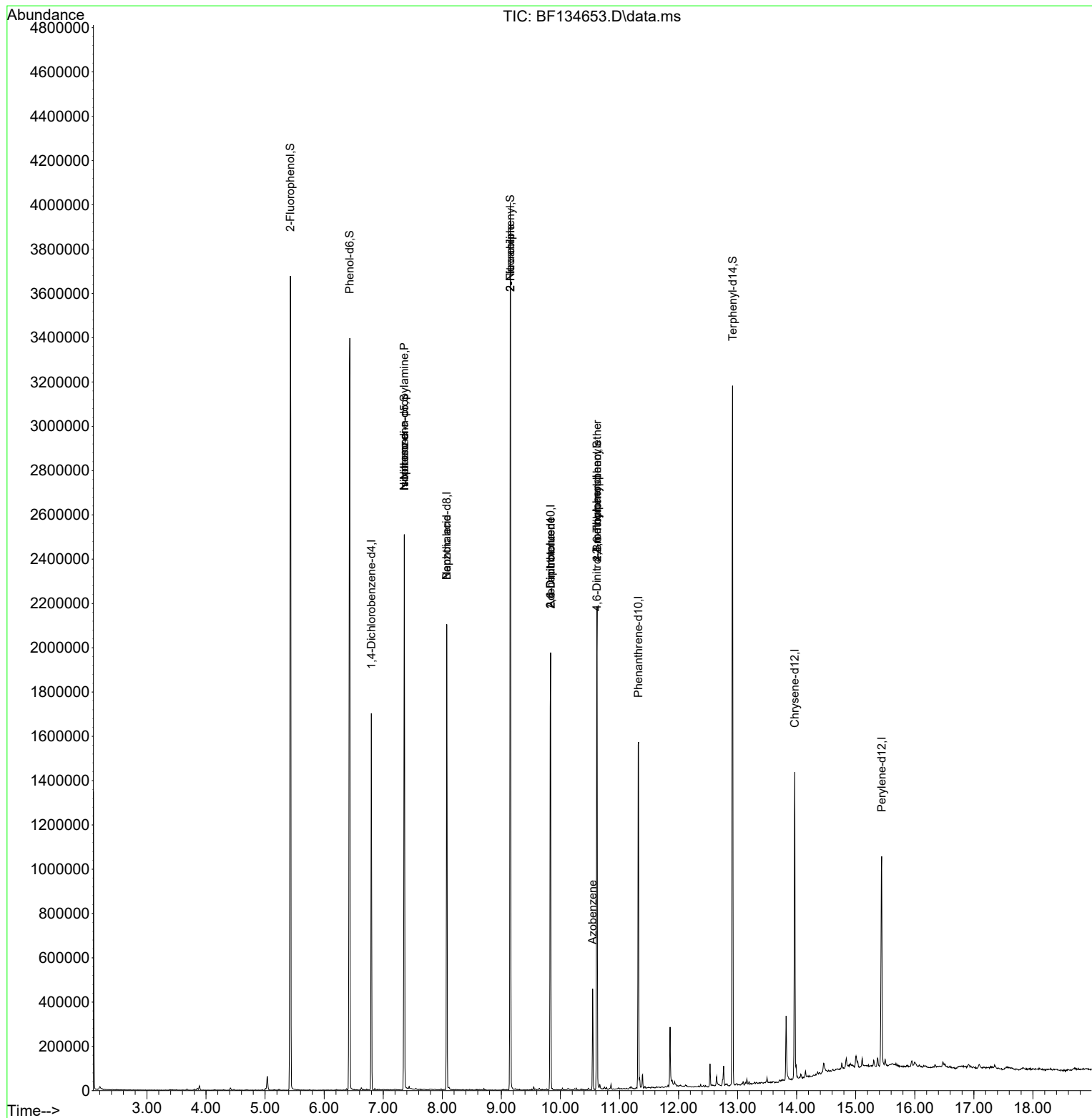
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	216350	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	824565	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	384447	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	585936	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	450343	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	449756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1036698	72.840	ng	0.00
7) Phenol-d6	6.434	99	1278320	70.262	ng	0.00
23) Nitrobenzene-d5	7.357	82	739559	56.050	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	266398	67.975	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1230738	53.228	ng	-0.01
79) Terphenyl-d14	12.916	244	1101945	43.136	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.351	77	70	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	102077	9.371 ng	#	74
25) Isophorone	7.357	82	735463	25.556 ng	#	65
32) Benzoic acid	8.075	122	174	7.884 ng	#	1
48) 2-Nitroaniline	9.151	65	2118	3.449 ng	#	1
51) 2,6-Dinitrotoluene	9.834	165	49260	11.194 ng	#	17
57) 2,4-Dinitrotoluene	9.834	165	49260	9.996 ng	#	18
63) Azobenzene	10.545	77	71090	2.664 ng	#	1
65) 4,6-Dinitro-2-methylph...	10.616	198	794	8.973 ng	#	1
67) 4-Bromophenyl-phenylether	10.622	248	17094	2.665 ng	#	1

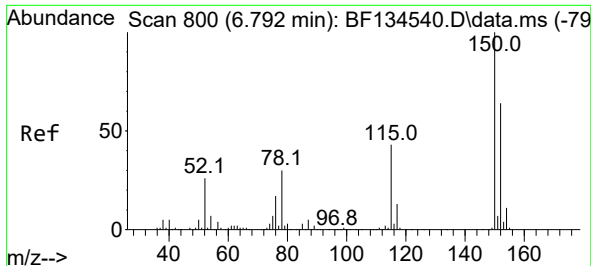
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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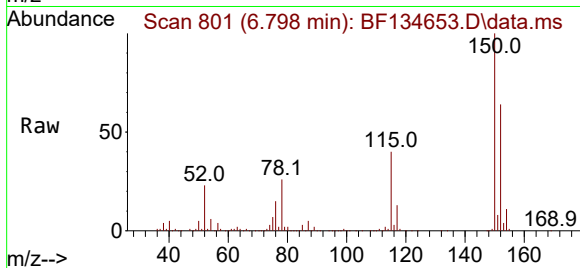
Quant Time: Aug 08 01:21:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
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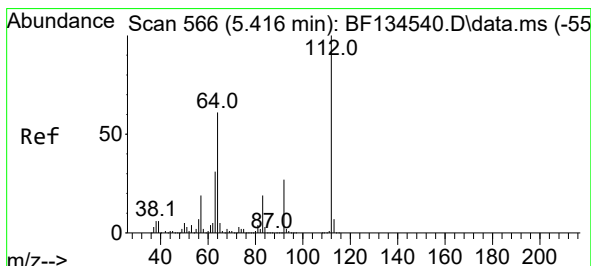
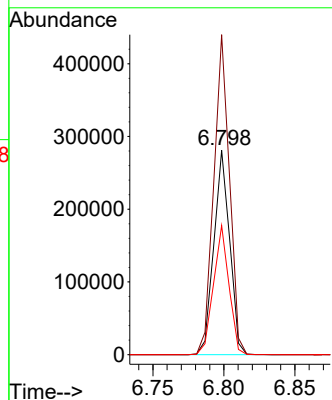
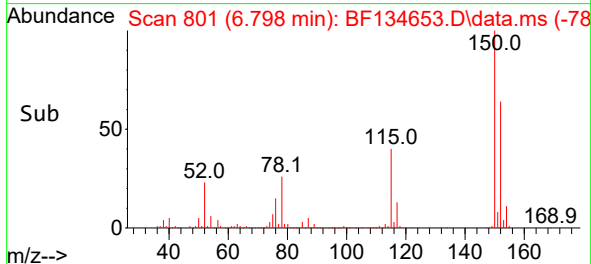


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134653.D
Acq: 07 Aug 2023 14:37

Instrument :
BNA_N
ClientSampleId :

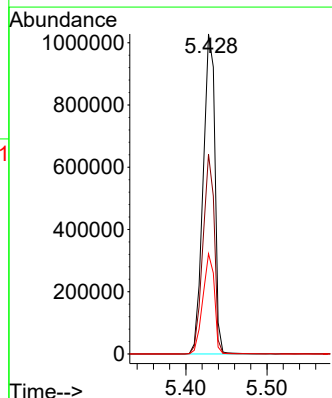
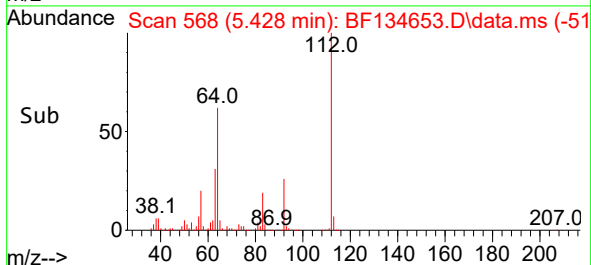
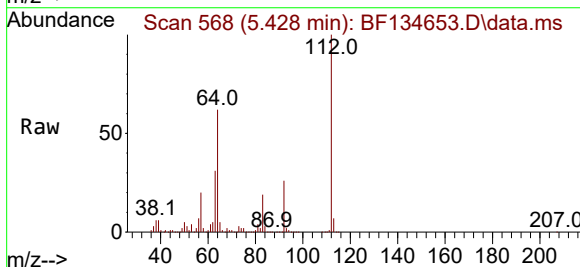


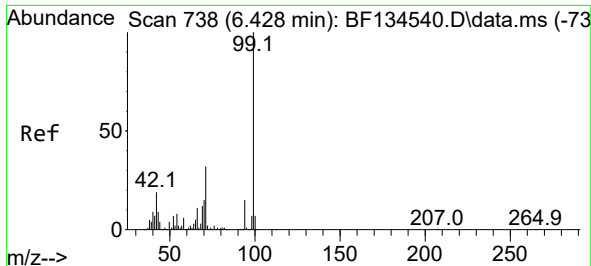
Tgt Ion:152 Resp: 216350
Ion Ratio Lower Upper
152 100
150 156.5 128.3 192.5
115 63.2 52.4 78.6



#5
2-Fluorophenol
Concen: 72.840 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134653.D
Acq: 07 Aug 2023 14:37

Tgt Ion:112 Resp: 1036698
Ion Ratio Lower Upper
112 100
64 62.4 44.9 67.3
63 31.3 25.4 38.0

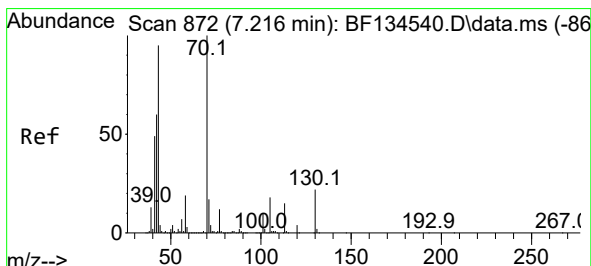
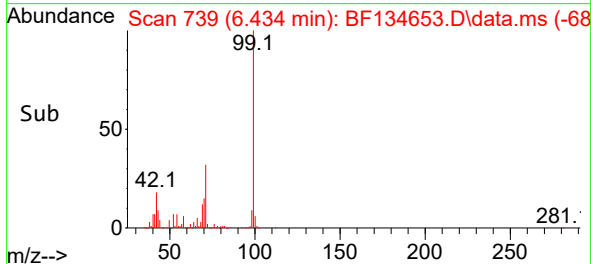
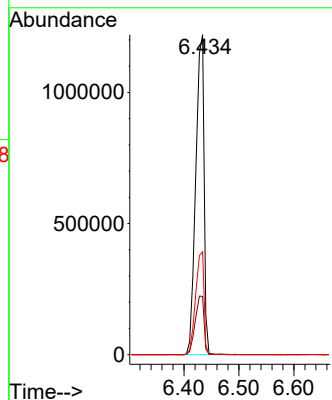
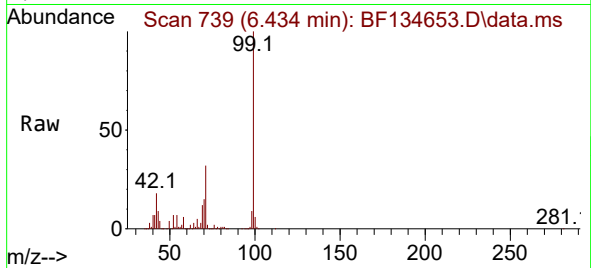




#7
Phenol-d6
Concen: 70.262 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134653.D
Acq: 07 Aug 2023 14:37

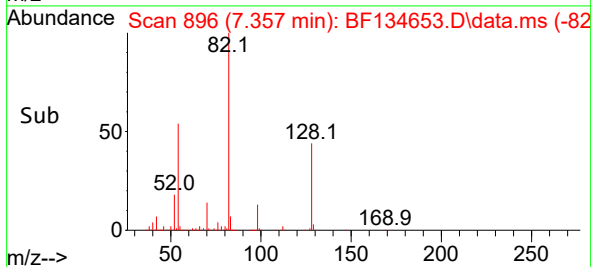
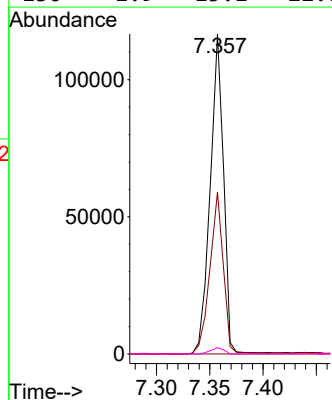
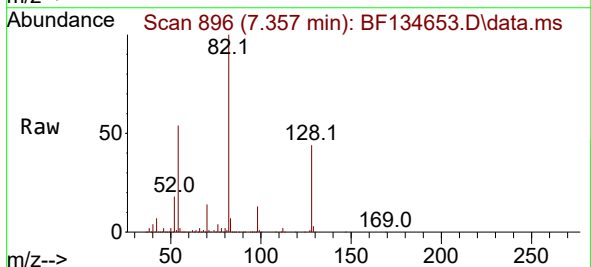
Instrument :
BNA_N
ClientSampleId :

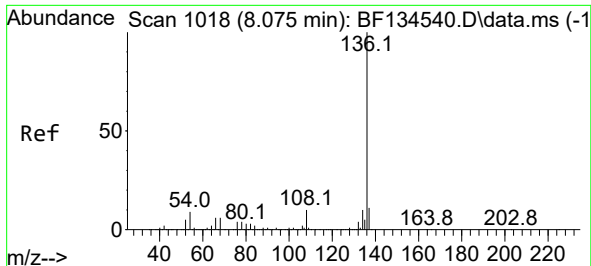
Tgt Ion: 99 Resp: 1278320
Ion Ratio Lower Upper
99 100
42 18.2 18.7 28.1#
71 32.2 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 9.371 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134653.D
Acq: 07 Aug 2023 14:37

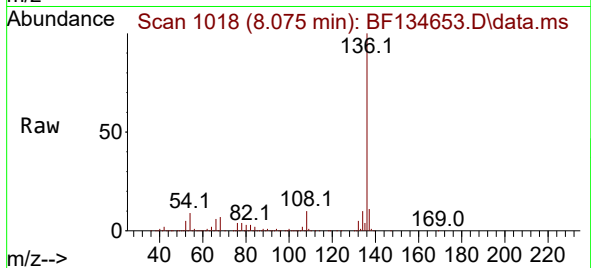
Tgt Ion: 70 Resp: 102077
Ion Ratio Lower Upper
70 100
42 50.6 54.7 82.1#
101 0.0 8.2 12.2#
130 1.9 15.1 22.7#



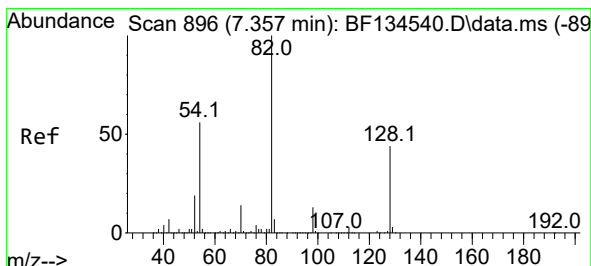
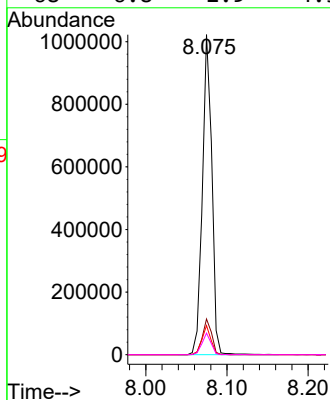
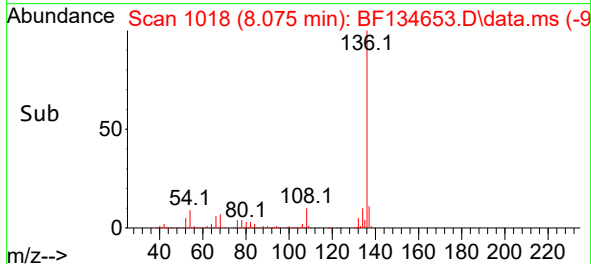


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134653.D
Acq: 07 Aug 2023 14:37

Instrument :
BNA_N
ClientSampleId :

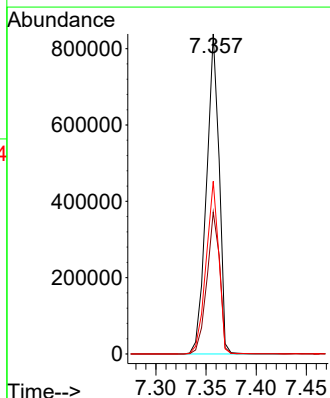
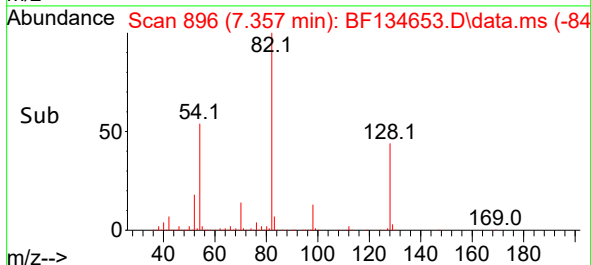
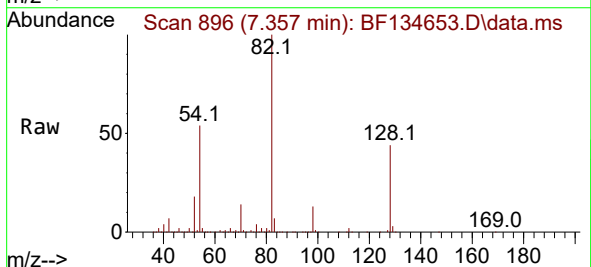


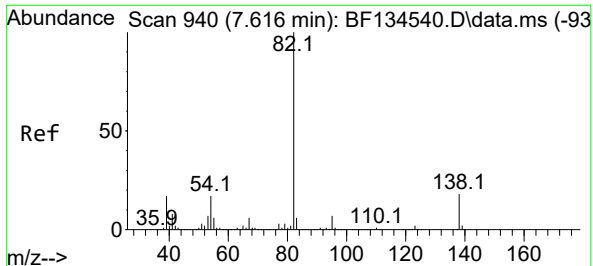
Tgt Ion:136 Resp: 824565
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.1 5.2 7.8#
68 6.8 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 56.050 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134653.D
Acq: 07 Aug 2023 14:37

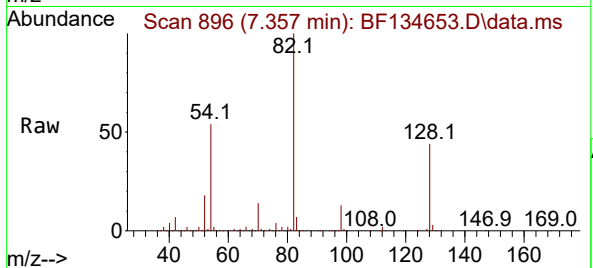
Tgt Ion: 82 Resp: 739559
Ion Ratio Lower Upper
82 100
128 44.3 34.3 51.5
54 53.9 43.8 65.6



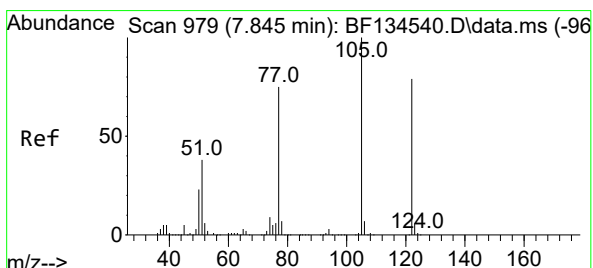
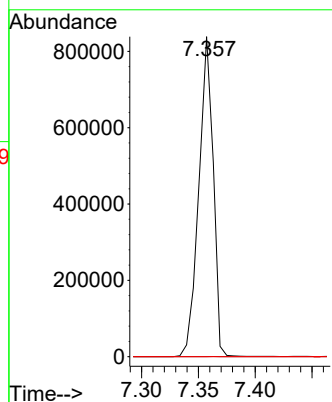
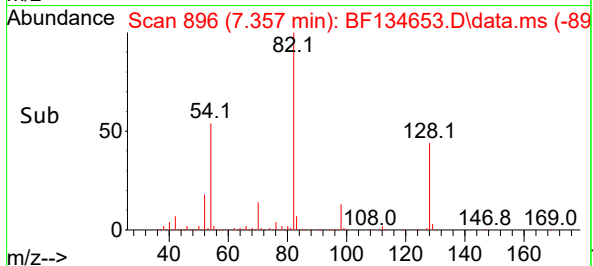


#25
Isophorone
Concen: 25.556 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.270 min
Lab File: BF134653.D
Acq: 07 Aug 2023 14:37

Instrument :
BNA_N
ClientSampleId :

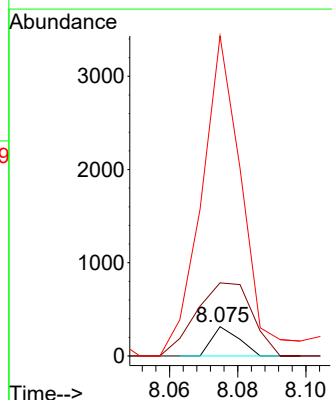
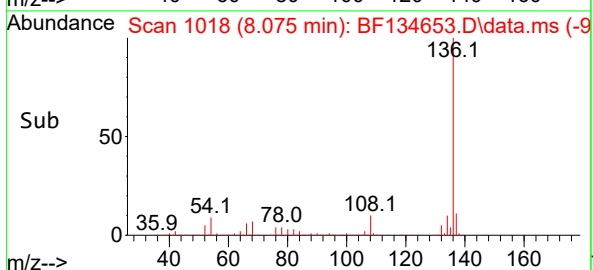
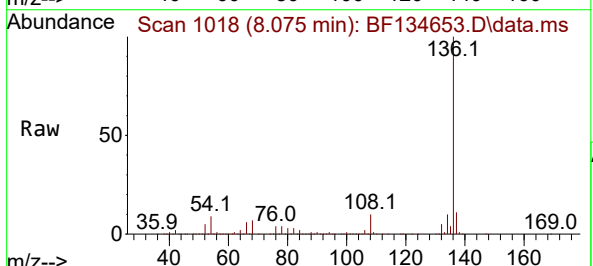


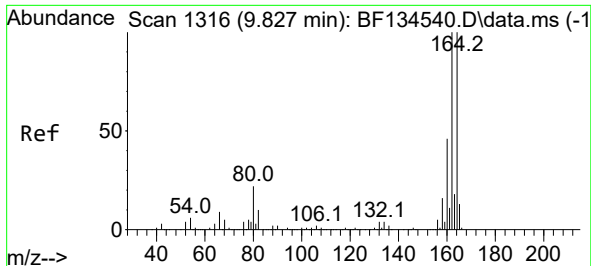
Tgt Ion: 82 Resp: 735463
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.884 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.212 min
Lab File: BF134653.D
Acq: 07 Aug 2023 14:37

Tgt Ion: 122 Resp: 174
Ion Ratio Lower Upper
122 100
105 249.7 87.5 127.5#
77 1093.3 71.4 111.4#

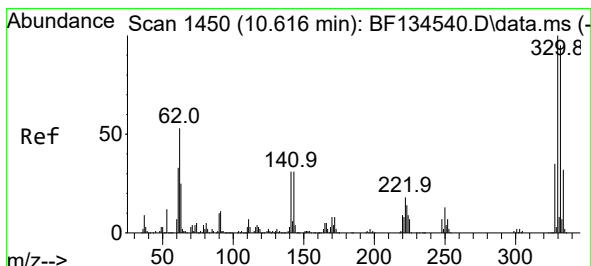
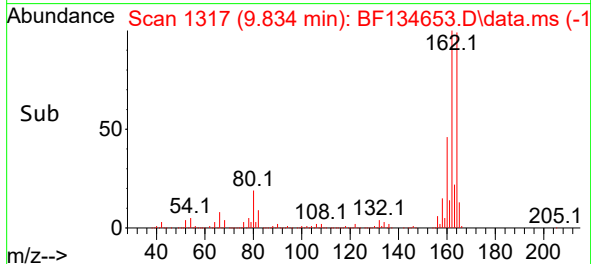
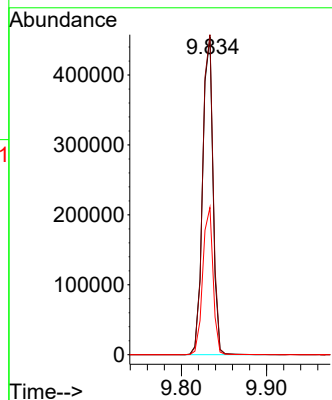
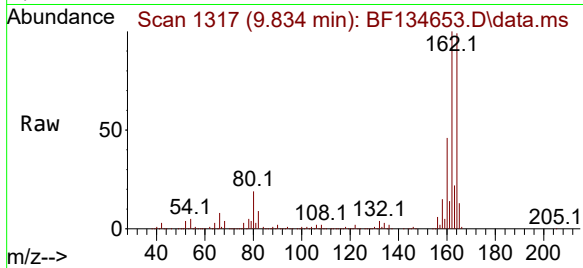




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134653.D
Acq: 07 Aug 2023 14:37

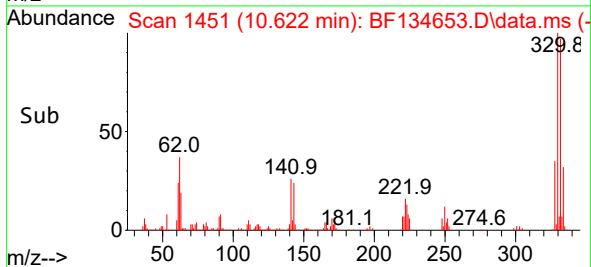
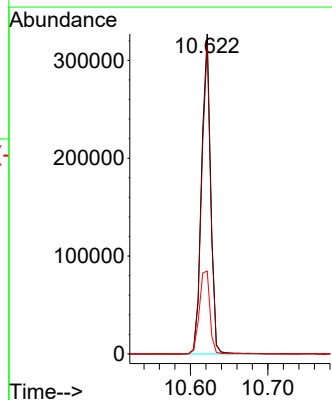
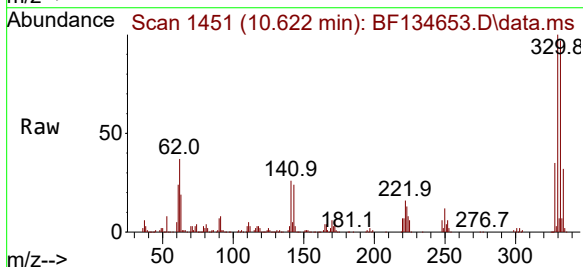
Instrument :
BNA_N
ClientSampleId :

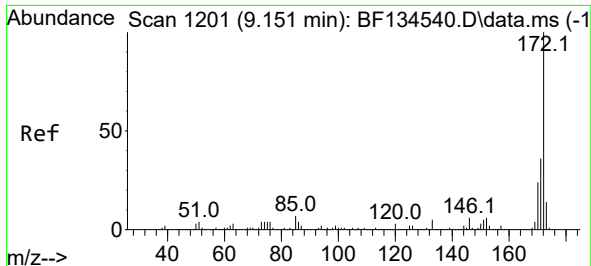
Tgt Ion:164 Resp: 384447
Ion Ratio Lower Upper
164 100
162 100.7 82.6 123.8
160 46.3 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 67.975 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134653.D
Acq: 07 Aug 2023 14:37

Tgt Ion:330 Resp: 266398
Ion Ratio Lower Upper
330 100
332 95.8 78.8 118.2
141 29.9 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 53.228 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

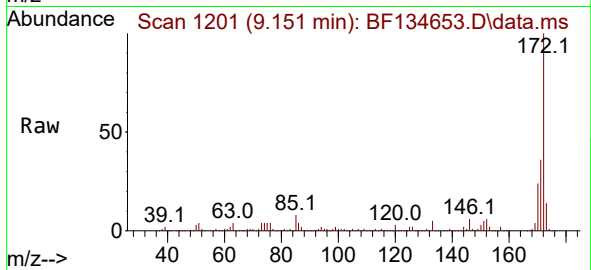
Lab File: BF134653.D

Acq: 07 Aug 2023 14:37

Instrument :

BNA_N

ClientSampleId :



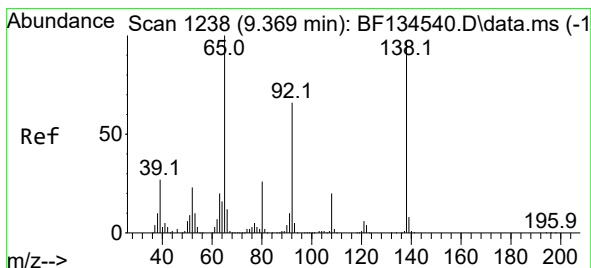
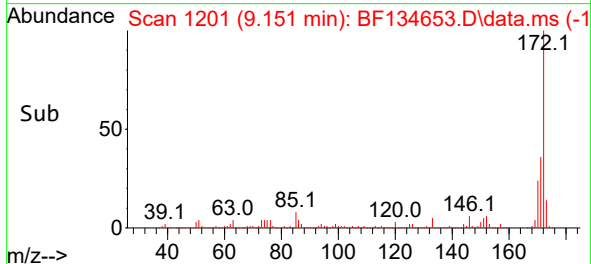
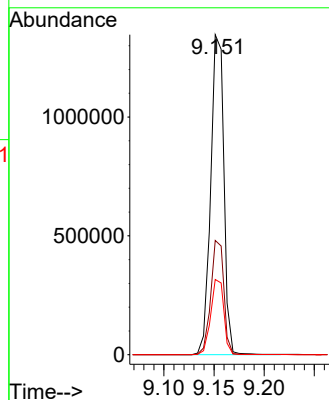
Tgt Ion:172 Resp: 1230738

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.5 18.7 28.1



#48

2-Nitroaniline

Concen: 3.449 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.229 min

Lab File: BF134653.D

Acq: 07 Aug 2023 14:37

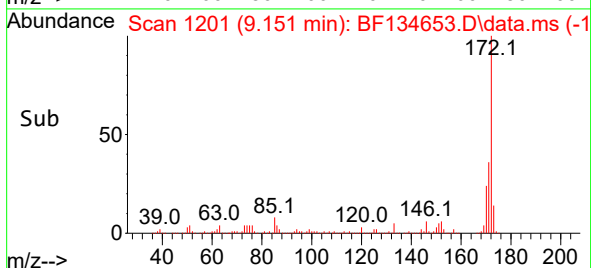
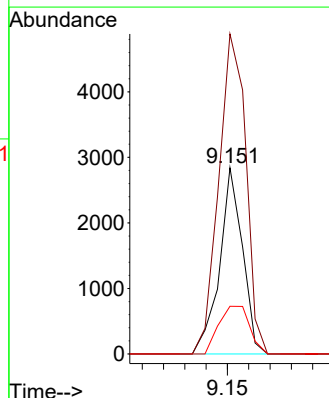
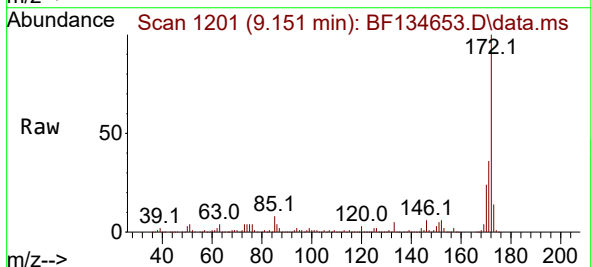
Tgt Ion: 65 Resp: 2118

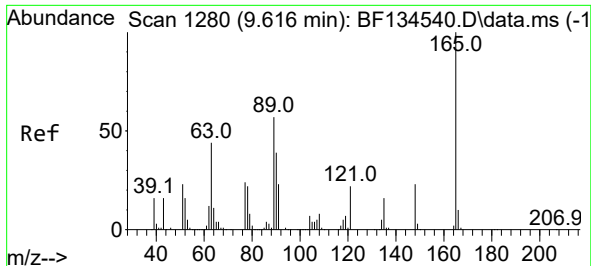
Ion Ratio Lower Upper

65 100

92 171.9 50.7 76.1#

138 25.7 78.2 117.4#

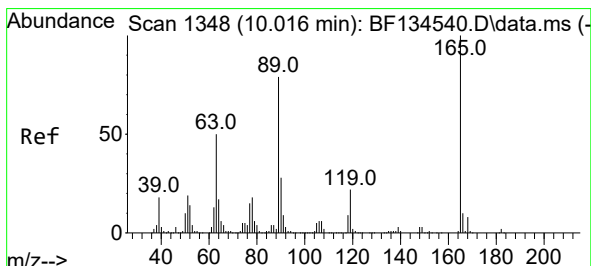
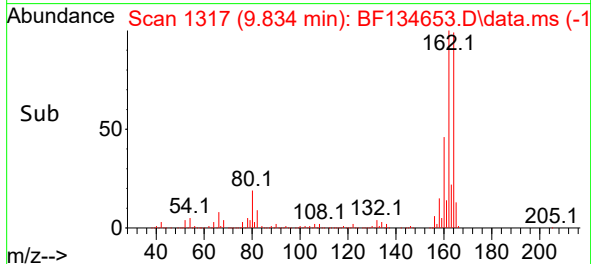
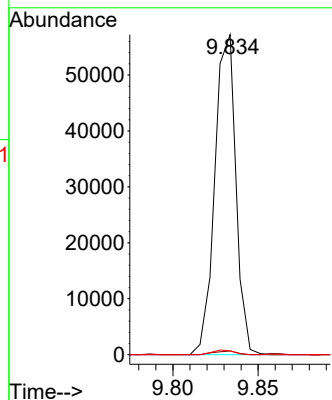
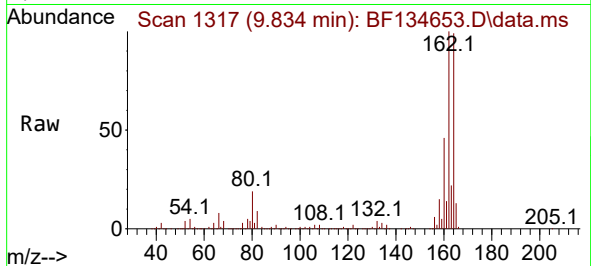




#51
2,6-Dinitrotoluene
Concen: 11.194 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134653.D
Acq: 07 Aug 2023 14:37

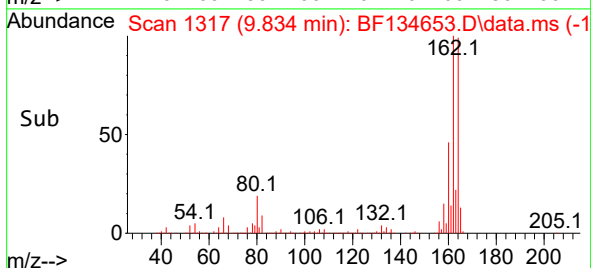
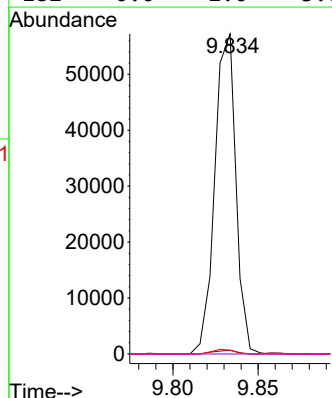
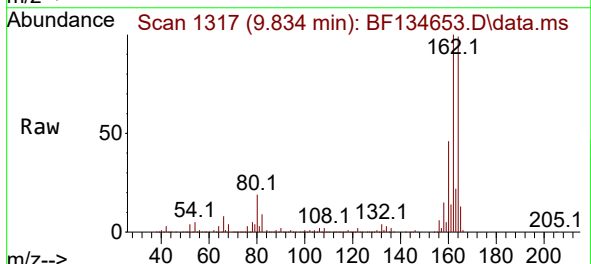
Instrument :
BNA_N
ClientSampleId :

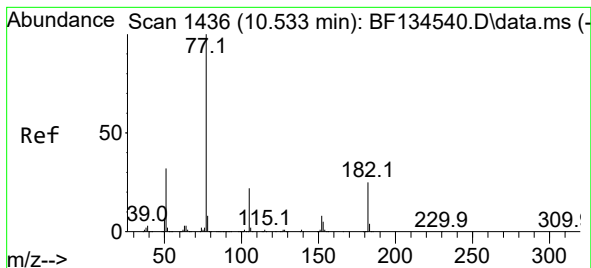
Tgt Ion:165 Resp: 49260
Ion Ratio Lower Upper
165 100
63 1.2 57.8 86.6#
89 1.2 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 9.996 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.194 min
Lab File: BF134653.D
Acq: 07 Aug 2023 14:37

Tgt Ion:165 Resp: 49260
Ion Ratio Lower Upper
165 100
63 1.2 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 2.664 ng

RT: 10.545 min Scan# 14

Delta R.T. 0.006 min

Lab File: BF134653.D

Acq: 07 Aug 2023 14:37

Instrument :

BNA_N

ClientSampleId :

Tgt Ion: 77 Resp: 71090

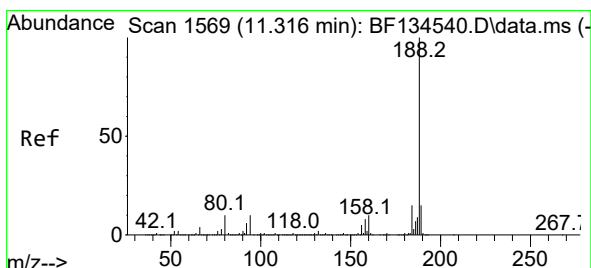
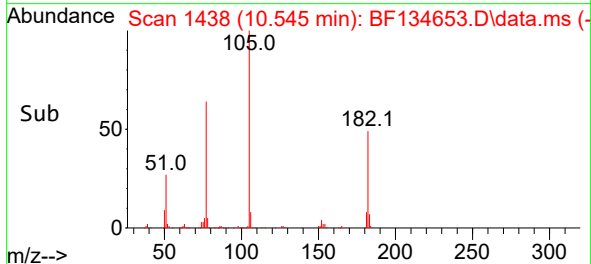
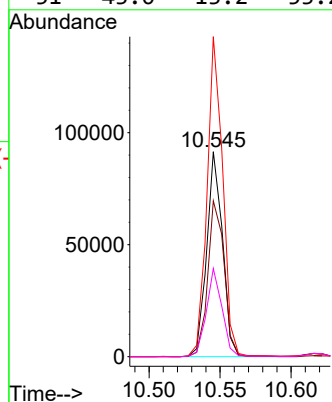
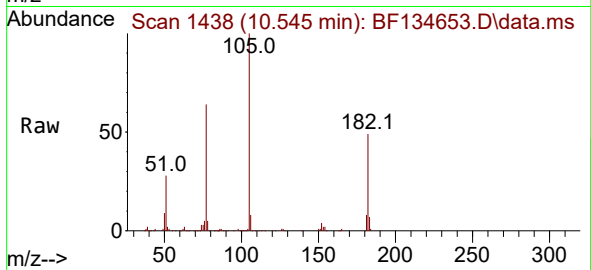
Ion Ratio Lower Upper

77 100

182 76.0 7.5 47.5#

105 156.1 1.9 41.9#

51 43.0 13.2 53.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1570

Delta R.T. 0.000 min

Lab File: BF134653.D

Acq: 07 Aug 2023 14:37

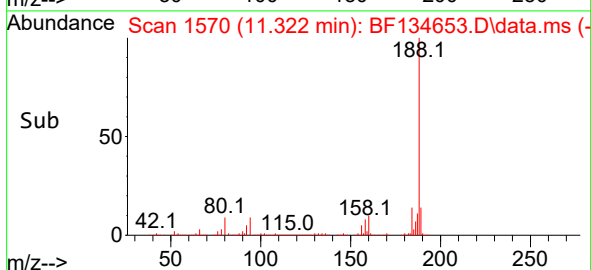
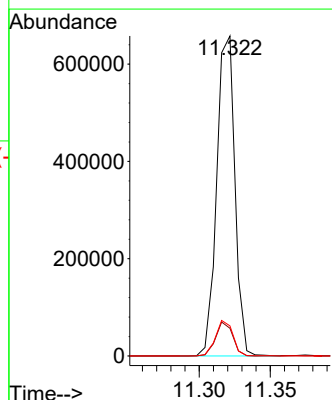
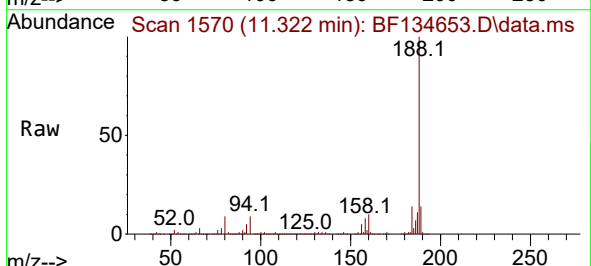
Tgt Ion:188 Resp: 585936

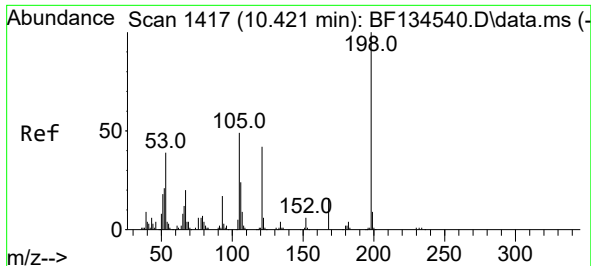
Ion Ratio Lower Upper

188 100

94 8.7 5.1 7.7#

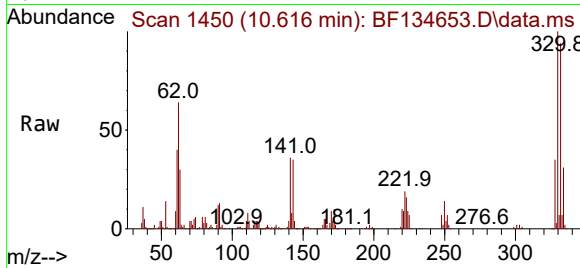
80 9.4 6.6 9.8



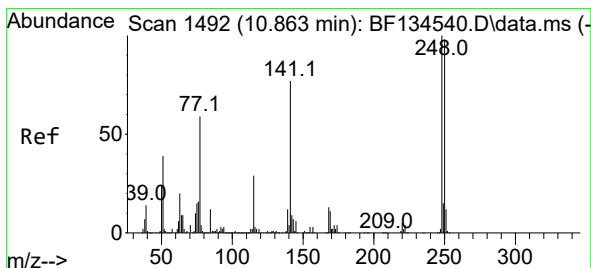
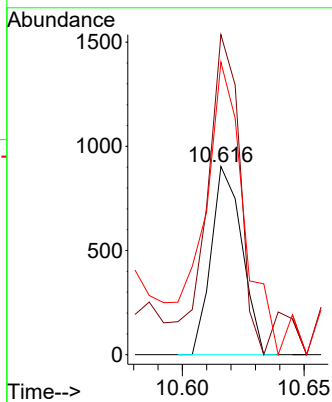
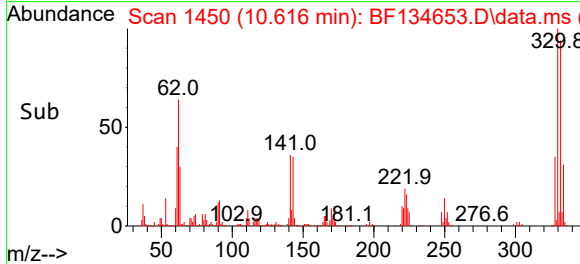


#65
4,6-Dinitro-2-methylphenol
Concen: 8.973 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.177 min
Lab File: BF134653.D
Acq: 07 Aug 2023 14:37

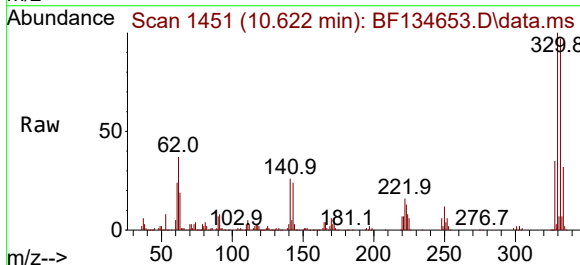
Instrument :
BNA_N
ClientSampleId :



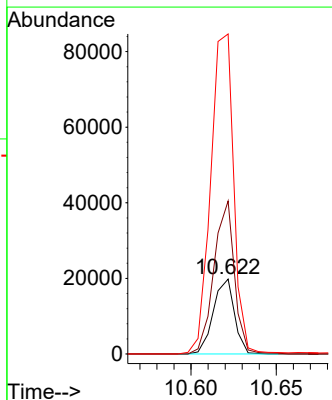
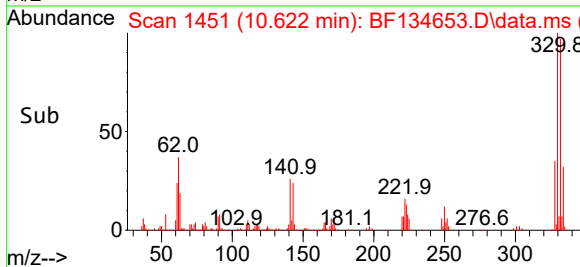
Tgt Ion:198 Resp: 794
Ion Ratio Lower Upper
198 100
51 170.1 38.6 78.6#
105 155.5 27.9 67.9#

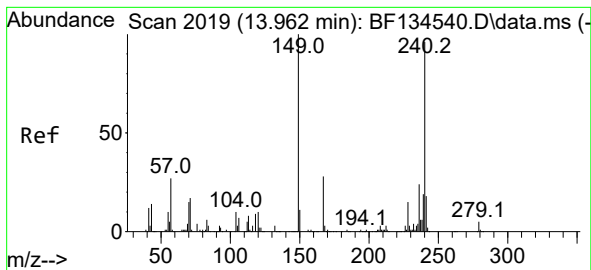


#67
4-Bromophenyl-phenylether
Concen: 2.665 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF134653.D
Acq: 07 Aug 2023 14:37



Tgt Ion:248 Resp: 17094
Ion Ratio Lower Upper
248 100
250 204.1 79.6 119.4#
141 427.0 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134653.D

Acq: 07 Aug 2023 14:37

Instrument :

BNA_N

ClientSampleId :

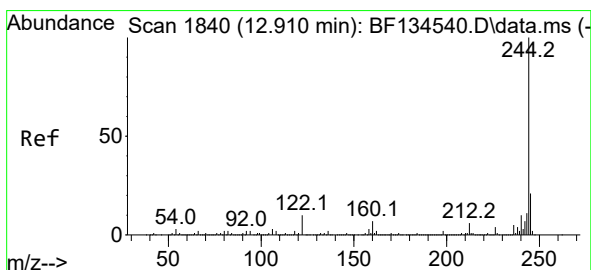
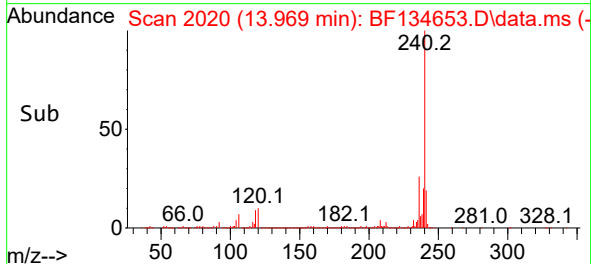
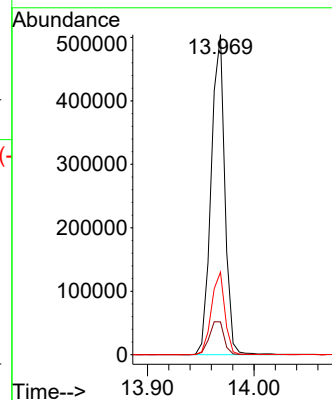
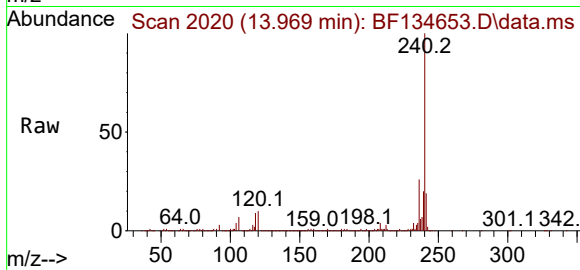
Tgt Ion:240 Resp: 450343

Ion Ratio Lower Upper

240 100

120 10.2 6.6 10.0#

236 25.8 20.2 30.2



#79

Terphenyl-d14

Concen: 43.136 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134653.D

Acq: 07 Aug 2023 14:37

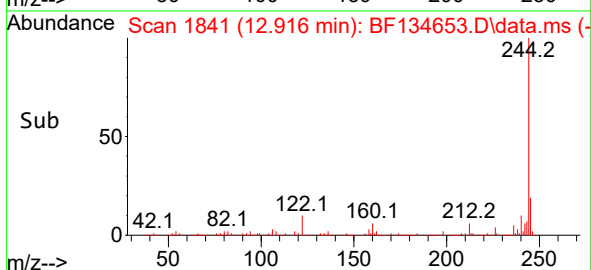
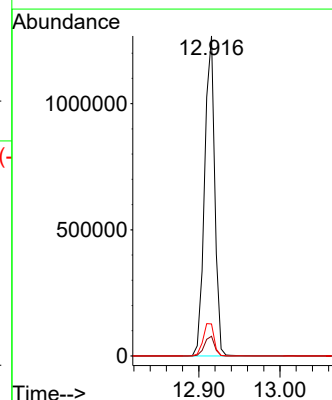
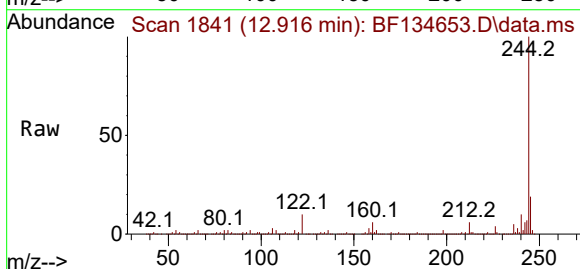
Tgt Ion:244 Resp: 1101945

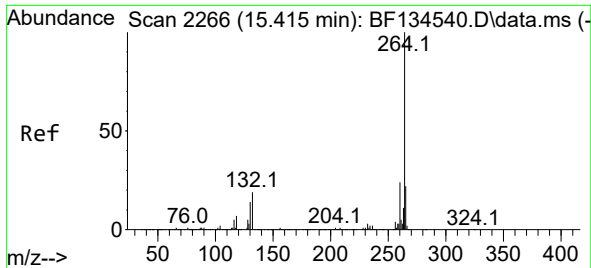
Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

122 10.0 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. 0.000 min

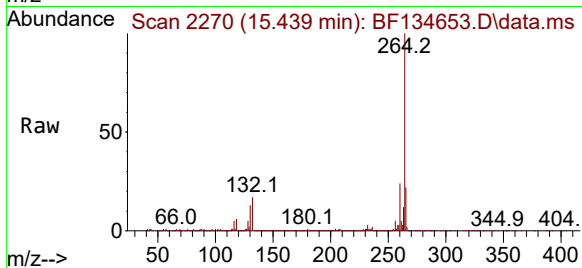
Lab File: BF134653.D

Acq: 07 Aug 2023 14:37

Instrument :

BNA_N

ClientSampleId :



Tgt Ion:264 Resp: 449756

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 21.9 15.8 23.8

