

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134850.D
 Acq On : 18 Aug 2023 20:21
 Operator : CG\JU
 Sample : 04074-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAPLE-SHADE-COMP

Quant Time: Aug 19 01:46:44 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)

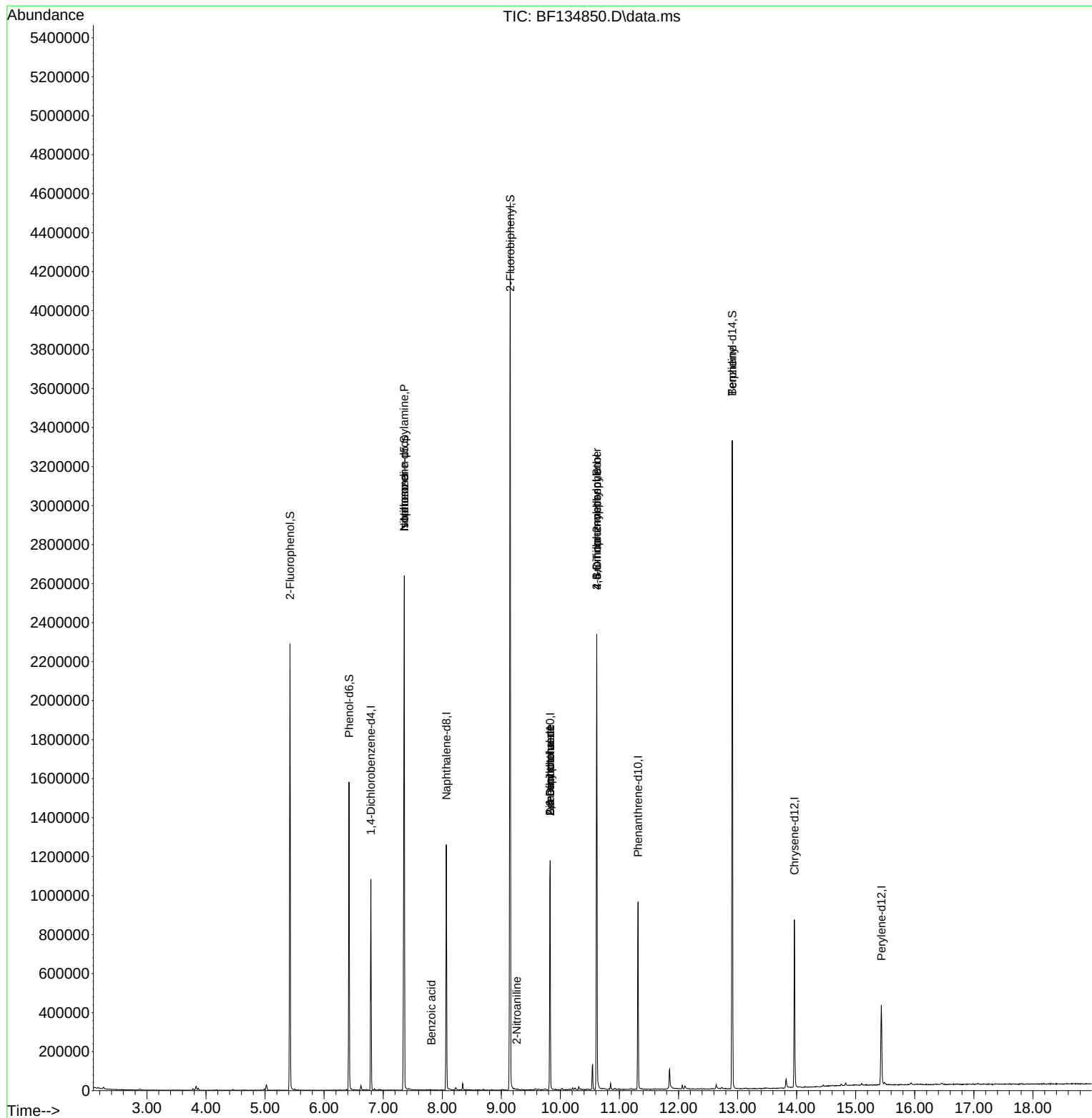
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	138779	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	534366	20.000	ng	#-0.01
39) Acenaphthene-d10	9.827	164	239559	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	339482	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	284637	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	192544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	592813	64.933	ng	0.00
7) Phenol-d6	6.422	99	462277	39.611	ng	-0.02
23) Nitrobenzene-d5	7.357	82	866496	101.334	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	290522	118.965	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1436755	99.720	ng	-0.01
79) Terphenyl-d14	12.910	244	1210148	74.949	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.386	77	70	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	117245	16.780	ng	# 71
25) Isophorone	7.357	82	860370	46.132	ng	# 65
32) Benzoic acid	7.816	122	116	7.885	ng	# 46
48) 2-Nitroaniline	9.263	65	125	3.193	ng	# 8
50) Dimethylphthalate	9.827	163	50115	3.069	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	30916	11.256	ng	# 17
57) 2,4-Dinitrotoluene	9.827	165	30916	10.048	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	636	9.078	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	18531	4.986	ng	# 1
77) Benzidine	12.910	184	14523	2.350	ng	# 93

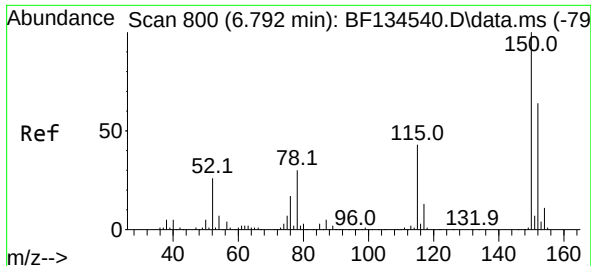
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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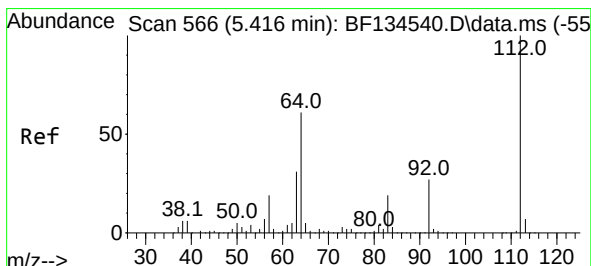
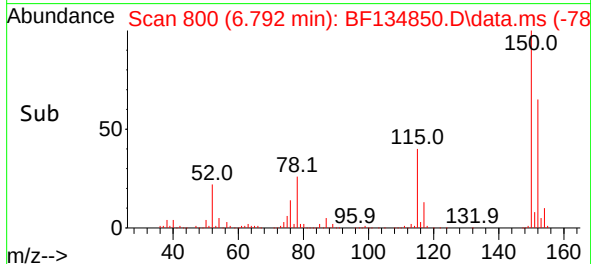
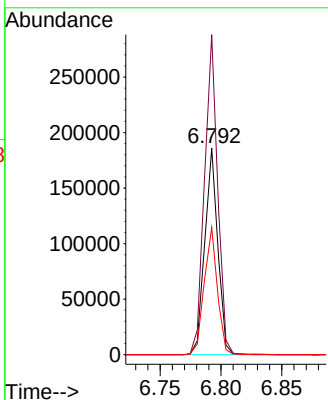
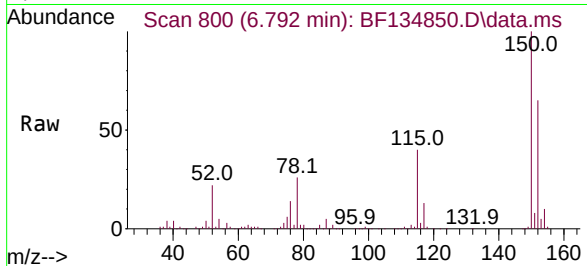




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF134850.D
 Acq: 18 Aug 2023 20:21

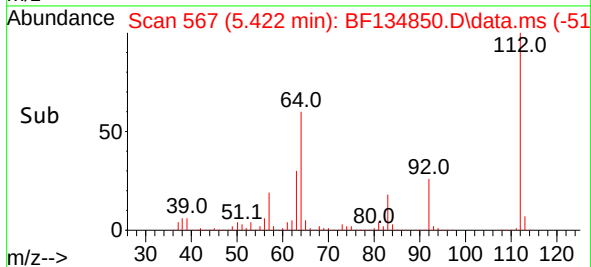
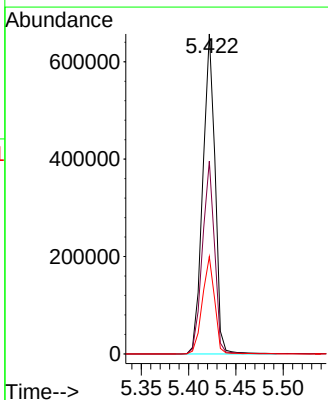
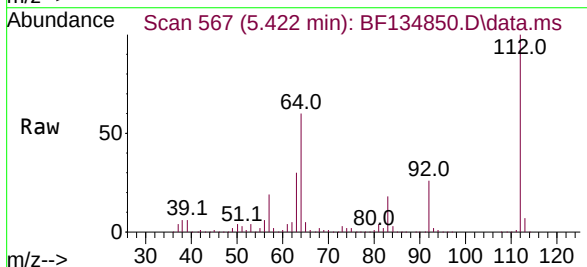
Instrument :
 BNA_F
 ClientSampleId :
 MAPLE-SHADE-COMP

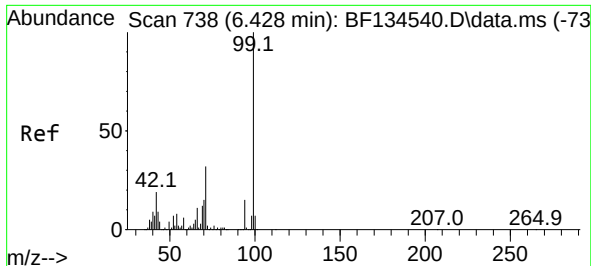
Tgt Ion:152 Resp: 138779
 Ion Ratio Lower Upper
 152 100
 150 154.9 128.3 192.5
 115 61.5 52.4 78.6



#5
 2-Fluorophenol
 Concen: 64.933 ng
 RT: 5.422 min Scan# 567
 Delta R.T. -0.006 min
 Lab File: BF134850.D
 Acq: 18 Aug 2023 20:21

Tgt Ion:112 Resp: 592813
 Ion Ratio Lower Upper
 112 100
 64 60.2 44.9 67.3
 63 30.4 25.4 38.0

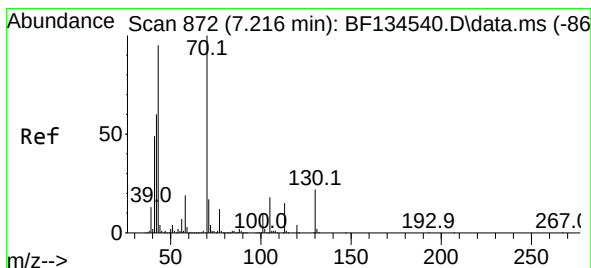
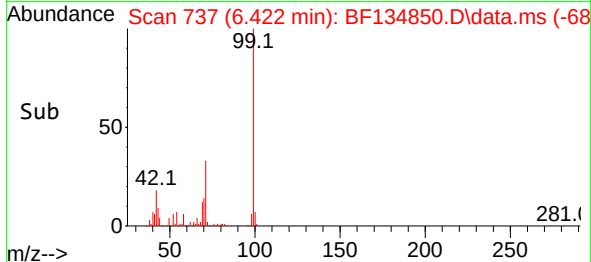
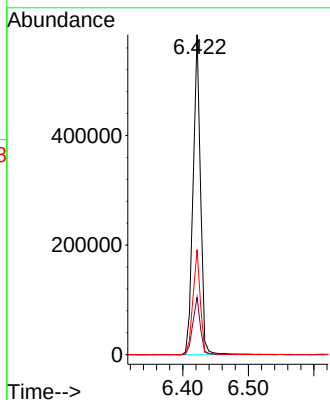
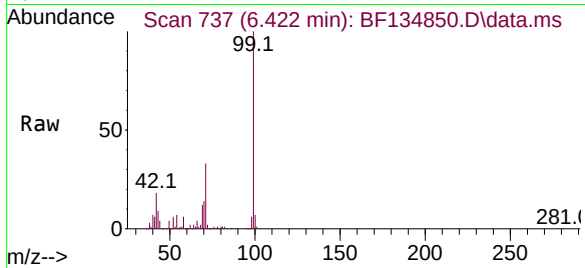




#7
Phenol-d6
Concen: 39.611 ng
RT: 6.422 min Scan# 73
Delta R.T. -0.018 min
Lab File: BF134850.D
Acq: 18 Aug 2023 20:21

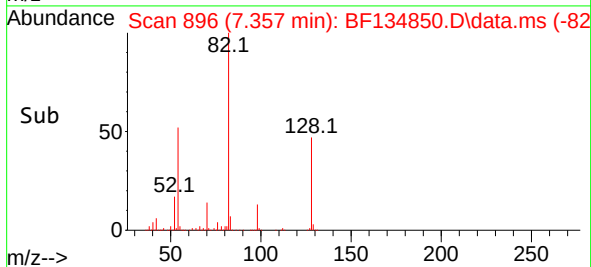
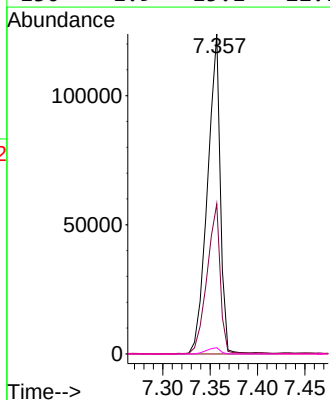
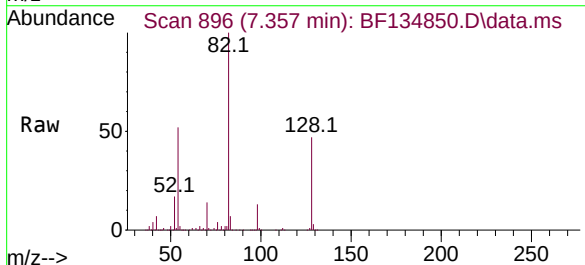
Instrument :
BNA_F
ClientSampleId :
MAPLE-SHADE-COMP

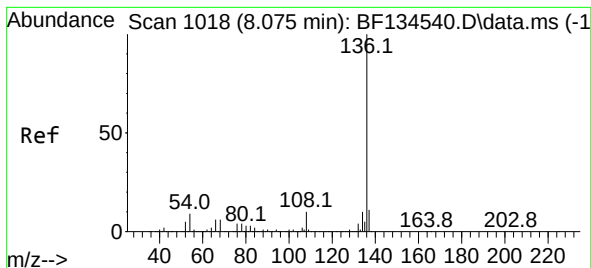
Tgt Ion: 99 Resp: 462277
Ion Ratio Lower Upper
99 100
42 17.9 18.7 28.1#
71 32.8 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 16.780 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134850.D
Acq: 18 Aug 2023 20:21

Tgt Ion: 70 Resp: 117245
Ion Ratio Lower Upper
70 100
42 46.9 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: 8.069 min Scan# 1018

Delta R.T. -0.012 min

Lab File: BF134850.D

Acq: 18 Aug 2023 20:21

Instrument :

BNA_F

ClientSampleId :

MAPLE-SHADE-COMP

Tgt Ion:136 Resp: 534366

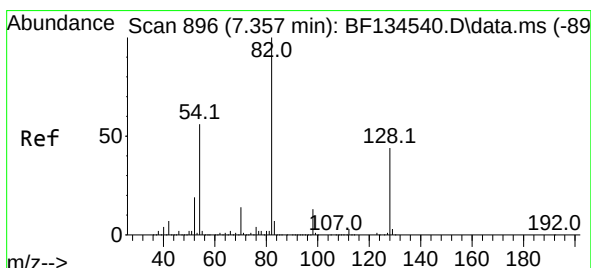
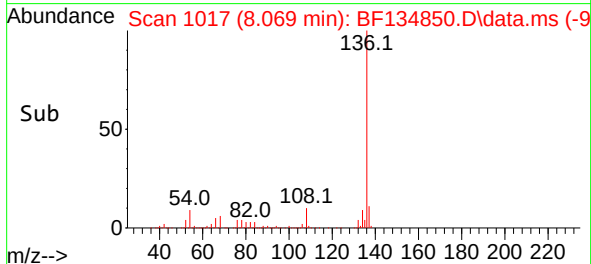
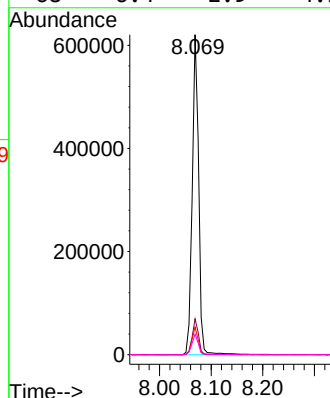
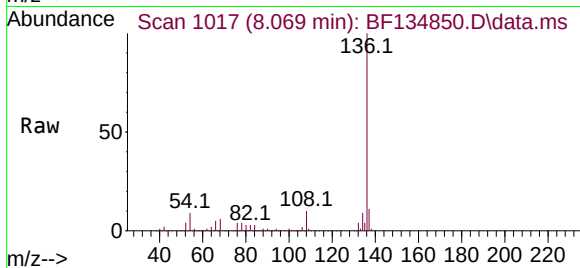
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 8.6 5.2 7.8#

68 6.4 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 101.334 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134850.D

Acq: 18 Aug 2023 20:21

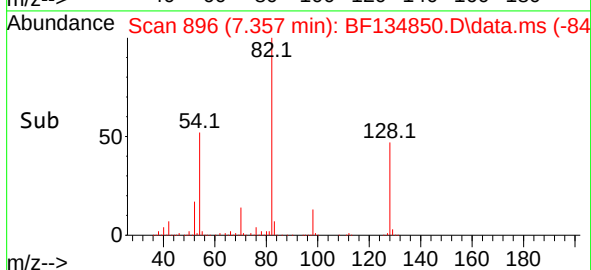
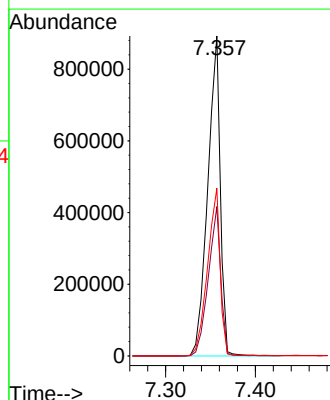
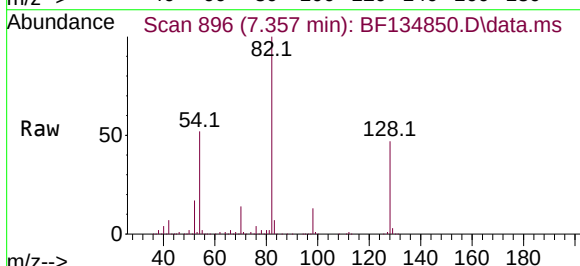
Tgt Ion: 82 Resp: 866496

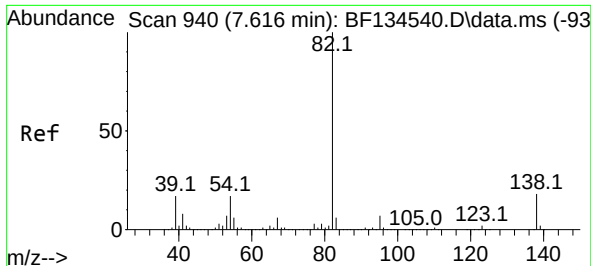
Ion Ratio Lower Upper

82 100

128 46.7 34.3 51.5

54 52.4 43.8 65.6

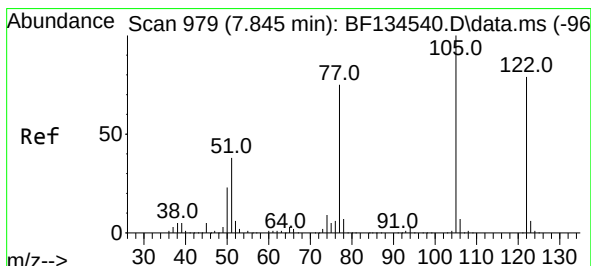
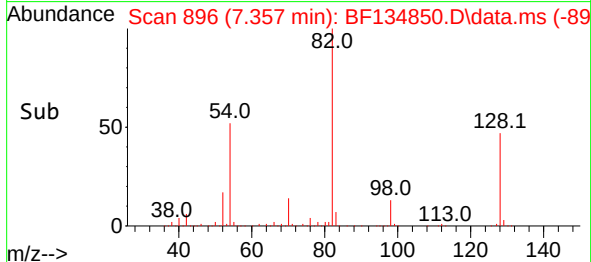
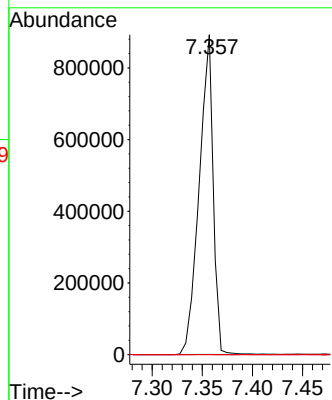
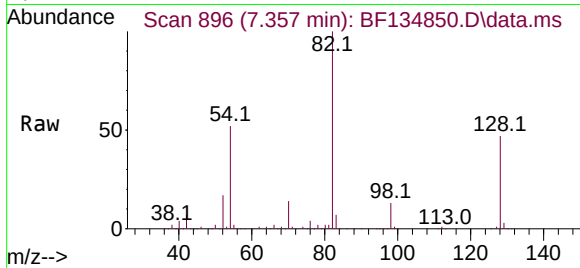




#25
Isophorone
Concen: 46.132 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF134850.D
Acq: 18 Aug 2023 20:21

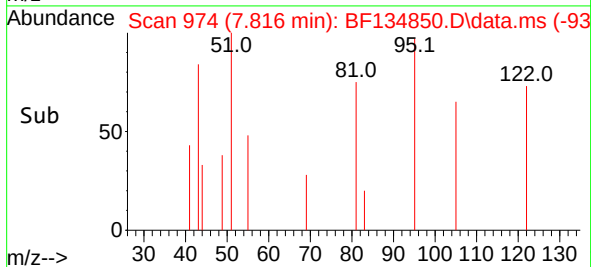
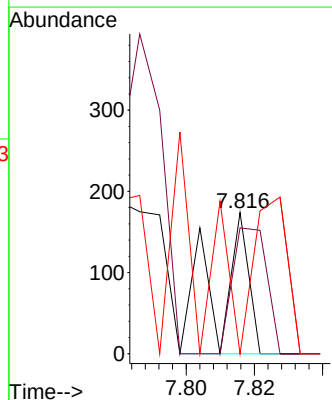
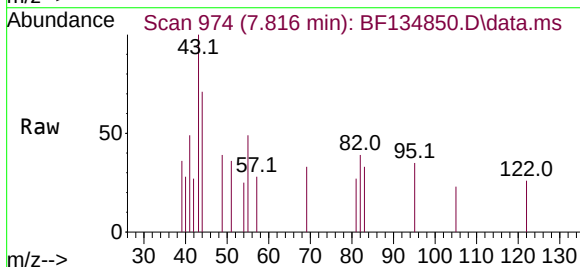
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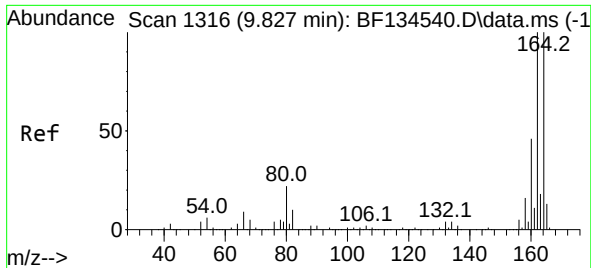
Tgt Ion: 82 Resp: 860370
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.885 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.047 min
Lab File: BF134850.D
Acq: 18 Aug 2023 20:21

Tgt Ion: 122 Resp: 116
Ion Ratio Lower Upper
122 100
105 89.1 87.5 127.5
77 0.0 71.4 111.4#

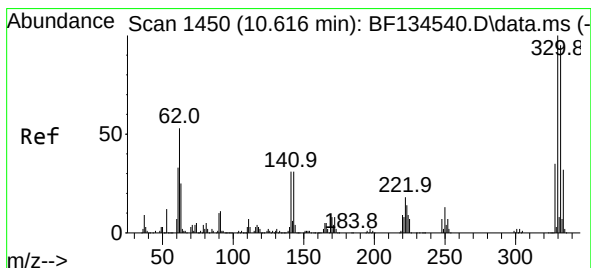
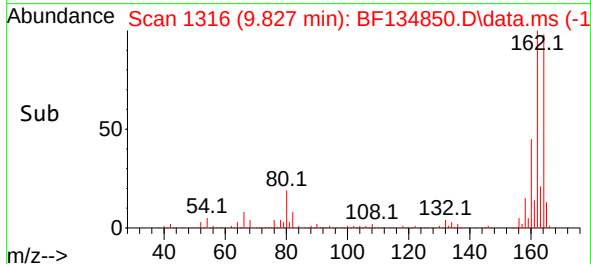
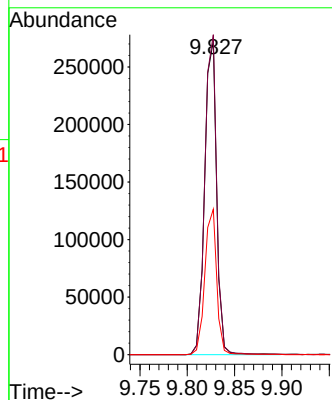
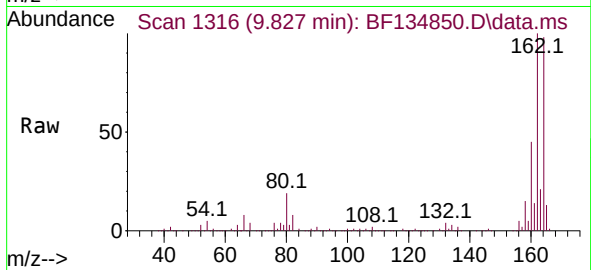




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134850.D
Acq: 18 Aug 2023 20:21

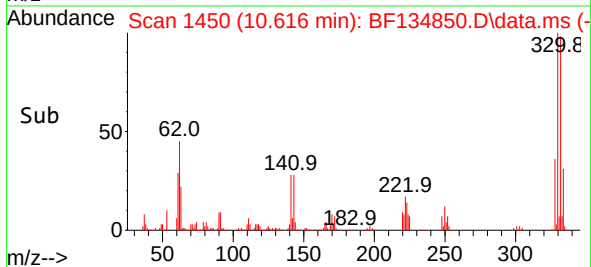
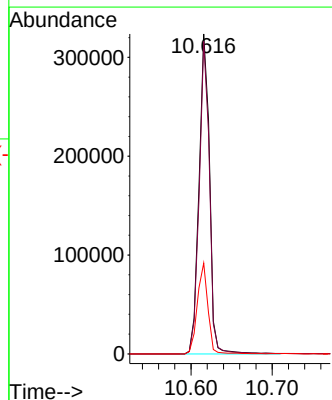
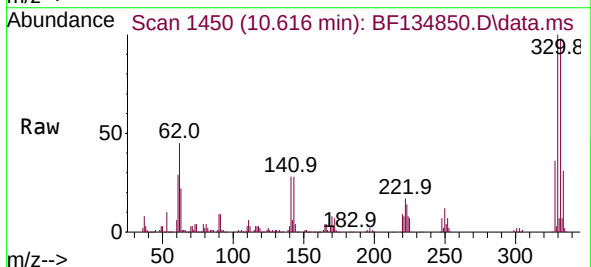
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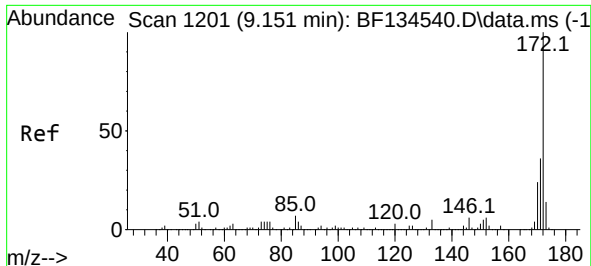
Tgt Ion:164 Resp: 239559
Ion Ratio Lower Upper
164 100
162 102.0 82.6 123.8
160 46.3 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 118.965 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134850.D
Acq: 18 Aug 2023 20:21

Tgt Ion:330 Resp: 290522
Ion Ratio Lower Upper
330 100
332 95.3 78.8 118.2
141 28.4 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 99.720 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134850.D

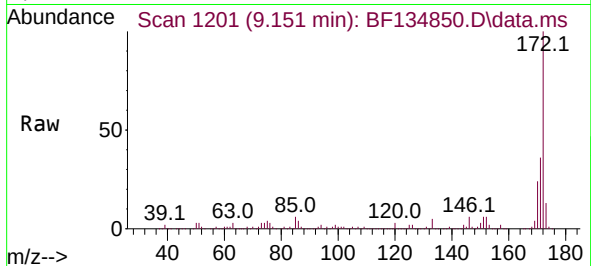
Acq: 18 Aug 2023 20:21

Instrument :

BNA_F

ClientSampleId :

MAPLE-SHADE-COMP



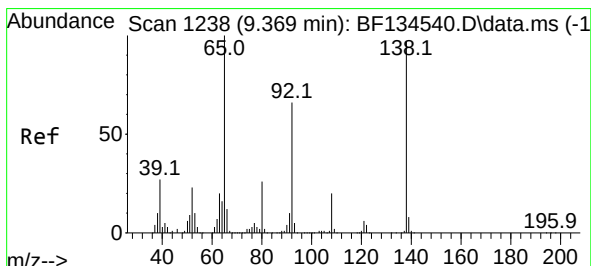
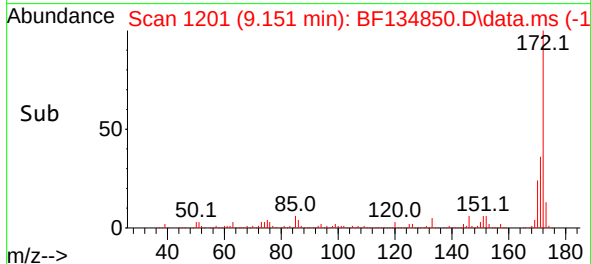
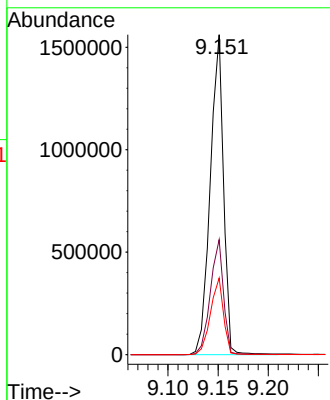
Tgt Ion:172 Resp: 1436755

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.9 18.7 28.1



#48

2-Nitroaniline

Concen: 3.193 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.118 min

Lab File: BF134850.D

Acq: 18 Aug 2023 20:21

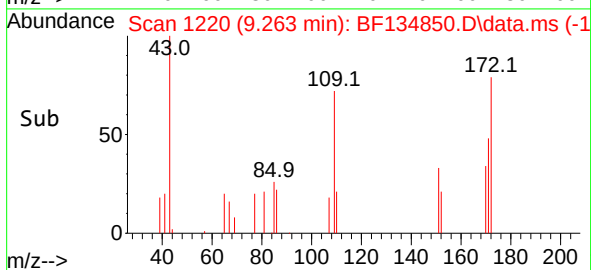
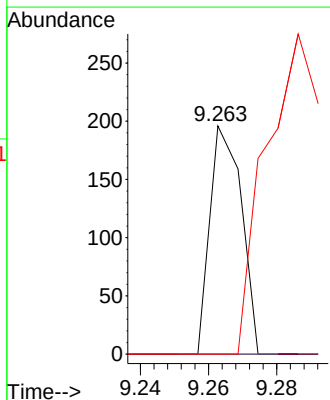
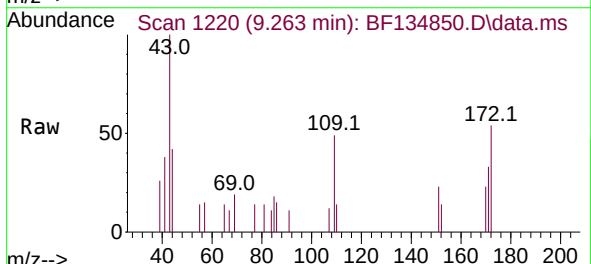
Tgt Ion: 65 Resp: 125

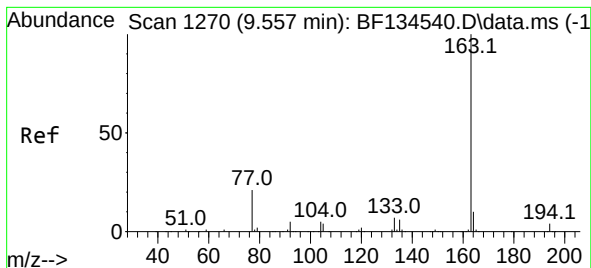
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#





#50

Dimethylphthalate

Concen: 3.069 ng

RT: 9.827 min Scan# 1316

Delta R.T. 0.259 min

Lab File: BF134850.D

Acq: 18 Aug 2023 20:21

Instrument :

BNA_F

ClientSampleId :

MAPLE-SHADE-COMP

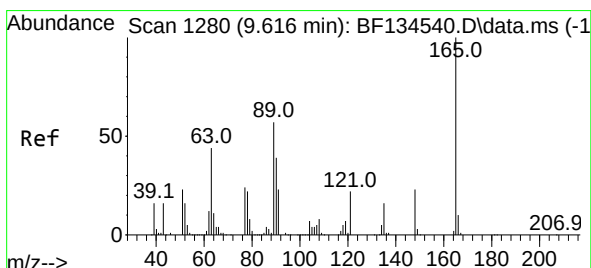
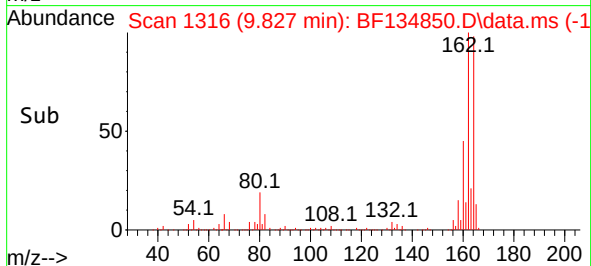
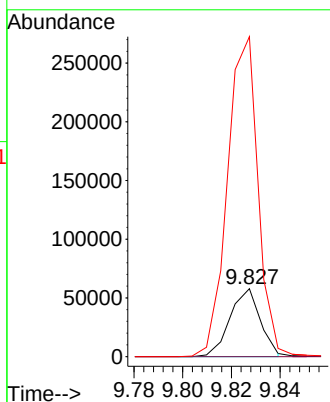
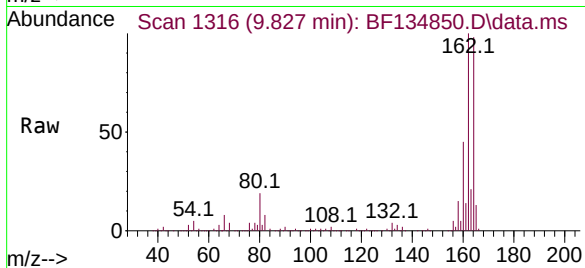
Tgt Ion:163 Resp: 50115

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 471.6 7.5 11.3#



#51

2,6-Dinitrotoluene

Concen: 11.256 ng

RT: 9.827 min Scan# 1316

Delta R.T. 0.200 min

Lab File: BF134850.D

Acq: 18 Aug 2023 20:21

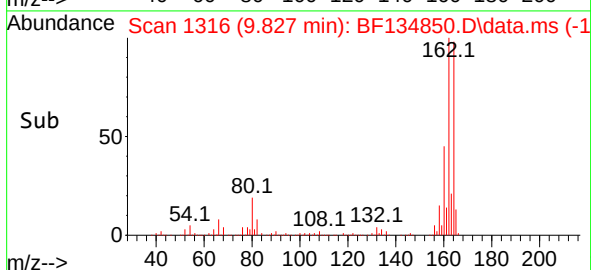
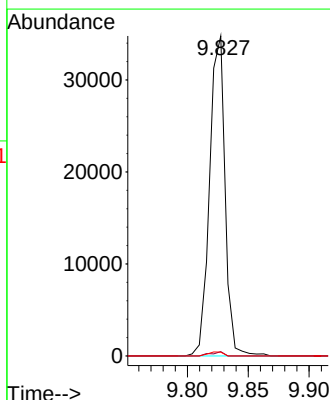
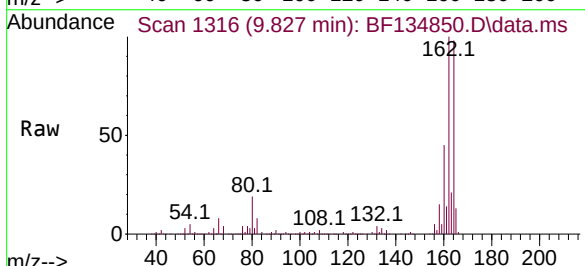
Tgt Ion:165 Resp: 30916

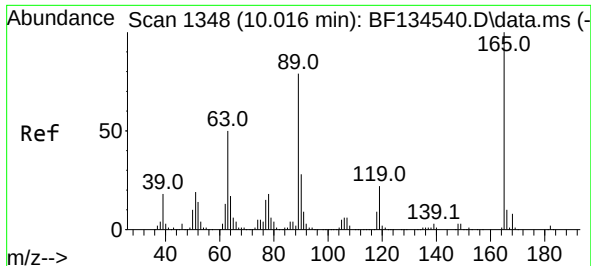
Ion Ratio Lower Upper

165 100

63 1.3 57.8 86.6#

89 1.2 51.8 77.8#

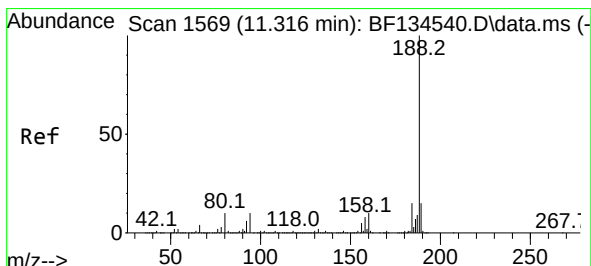
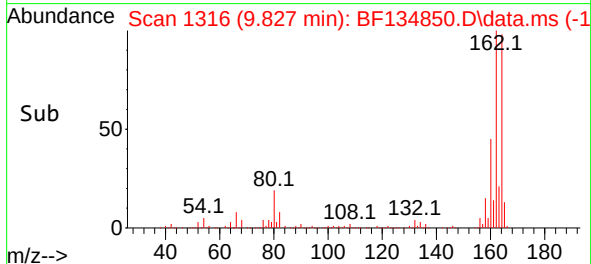
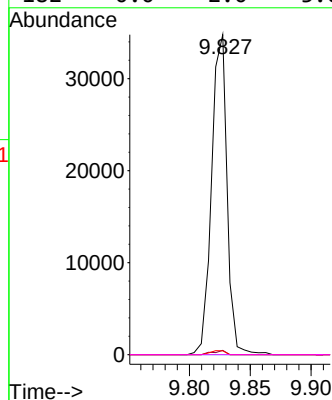
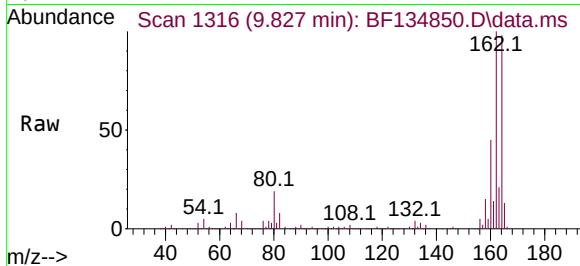




#57
2,4-Dinitrotoluene
Concen: 10.048 ng
RT: 9.827 min Scan# 1348
Delta R.T. -0.200 min
Lab File: BF134850.D
Acq: 18 Aug 2023 20:21

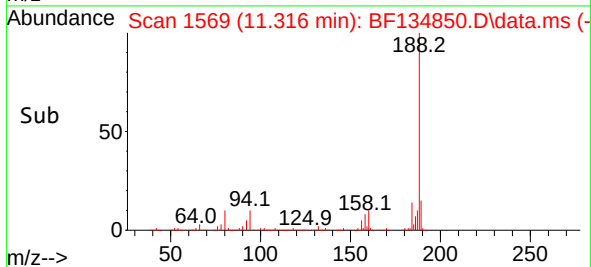
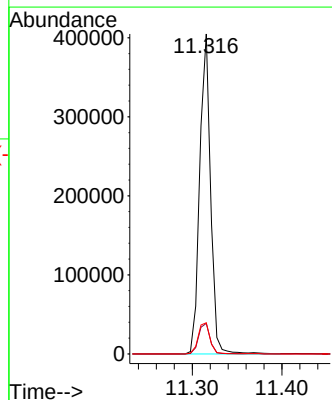
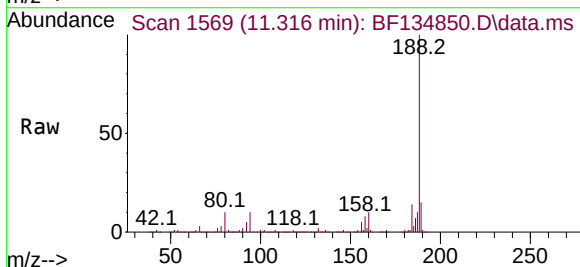
Instrument :
BNA_F
ClientSampleId :
MAPLE-SHADE-COMP

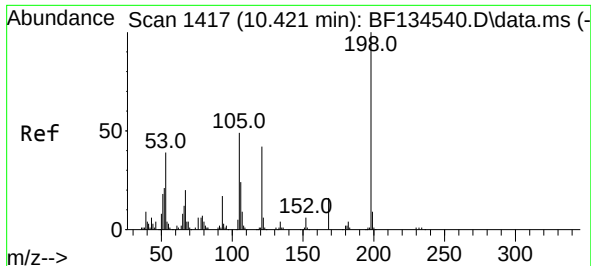
Tgt Ion:165 Resp: 30916
Ion Ratio Lower Upper
165 100
63 1.3 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134850.D
Acq: 18 Aug 2023 20:21

Tgt Ion:188 Resp: 339482
Ion Ratio Lower Upper
188 100
94 9.5 5.1 7.7#
80 9.7 6.6 9.8





#65

4,6-Dinitro-2-methylphenol

Concen: 9.078 ng

RT: 10.616 min Scan# 1417

Delta R.T. 0.176 min

Lab File: BF134850.D

Acq: 18 Aug 2023 20:21

Instrument :

BNA_F

ClientSampleId :

MAPLE-SHADE-COMP

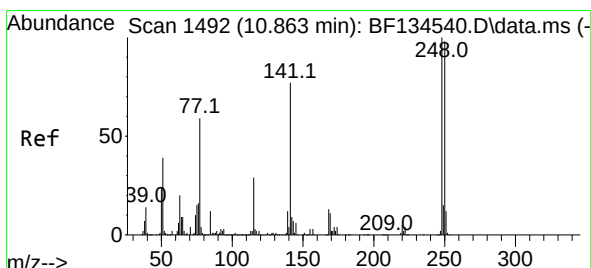
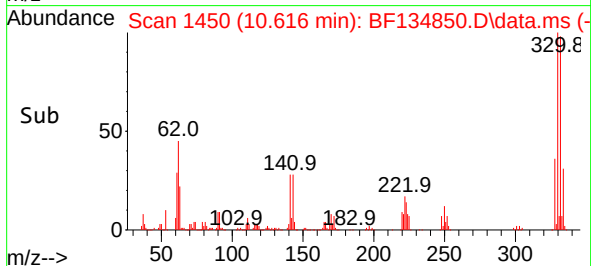
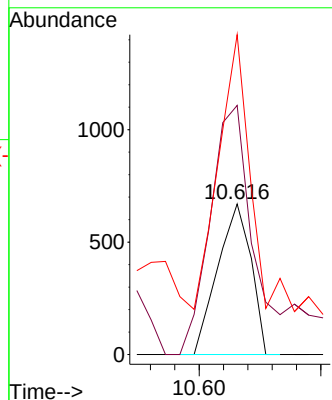
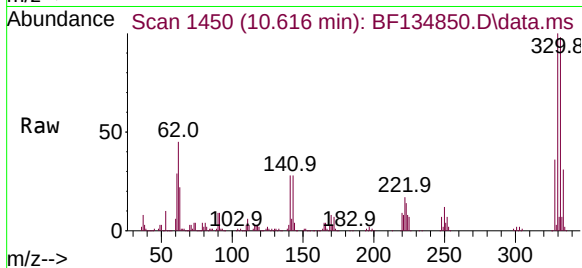
Tgt Ion:198 Resp: 636

Ion Ratio Lower Upper

198 100

51 165.4 38.6 78.6#

105 212.4 27.9 67.9#



#67

4-Bromophenyl-phenylether

Concen: 4.986 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF134850.D

Acq: 18 Aug 2023 20:21

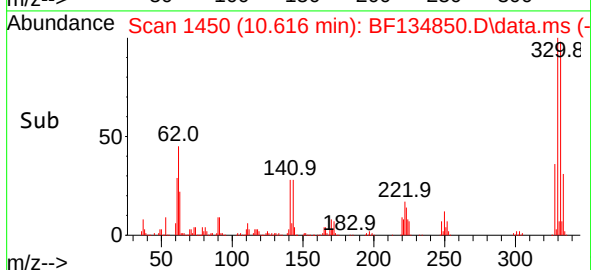
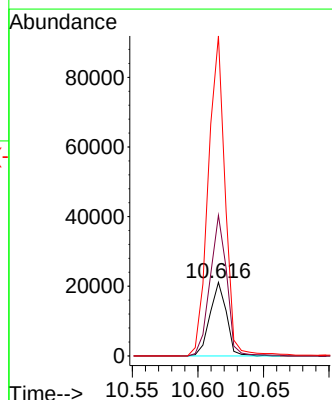
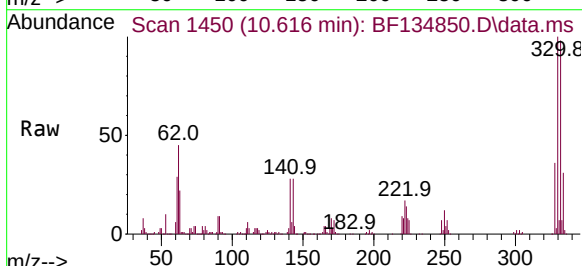
Tgt Ion:248 Resp: 18531

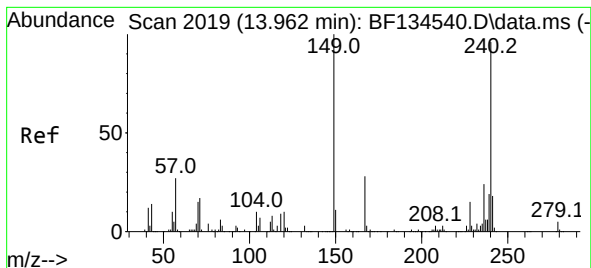
Ion Ratio Lower Upper

248 100

250 191.3 79.6 119.4#

141 435.5 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF134850.D

Acq: 18 Aug 2023 20:21

Instrument :

BNA_F

ClientSampleId :

MAPLE-SHADE-COMP

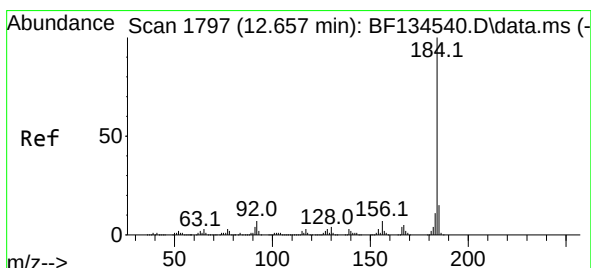
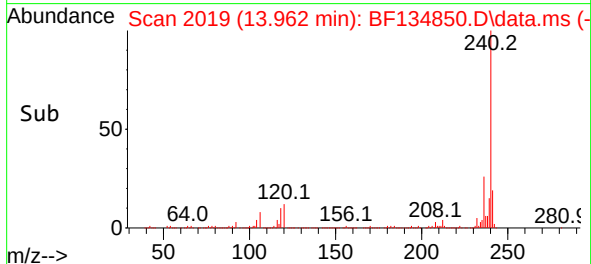
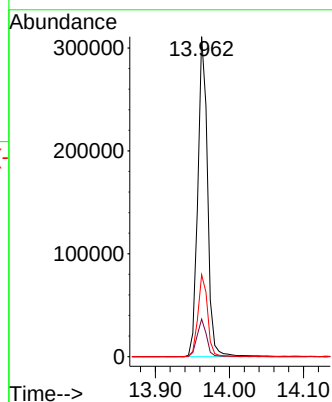
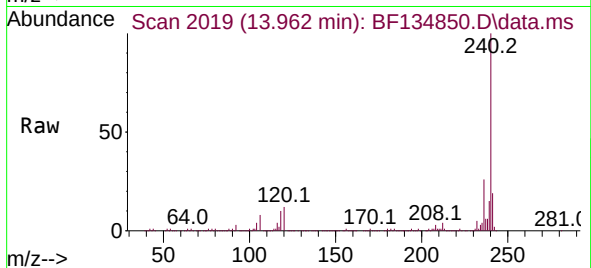
Tgt Ion:240 Resp: 284637

Ion Ratio Lower Upper

240 100

120 11.7 6.6 10.0#

236 25.6 20.2 30.2



#77

Benzidine

Concen: 2.350 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.247 min

Lab File: BF134850.D

Acq: 18 Aug 2023 20:21

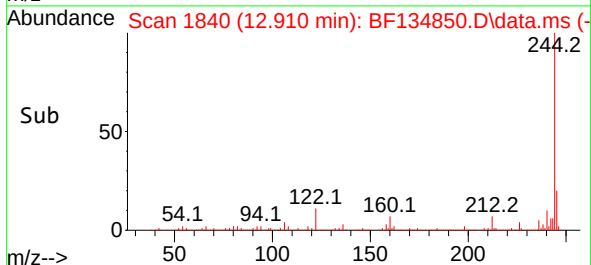
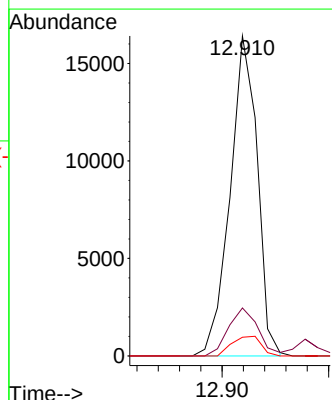
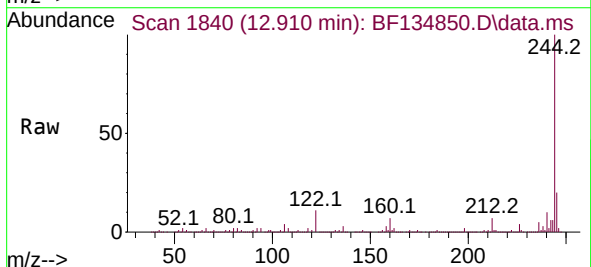
Tgt Ion:184 Resp: 14523

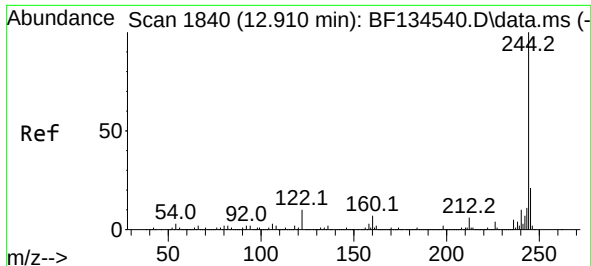
Ion Ratio Lower Upper

184 100

185 15.0 11.2 16.8

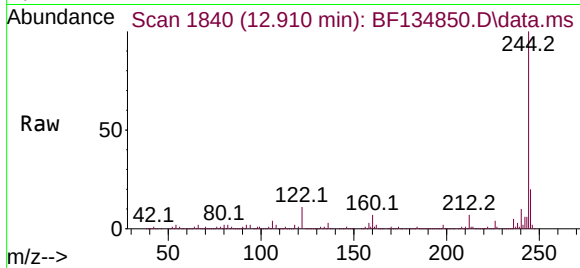
183 5.8 8.6 13.0#



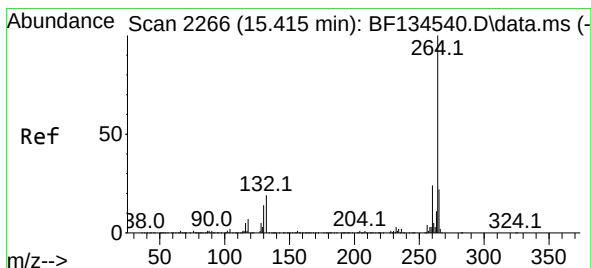
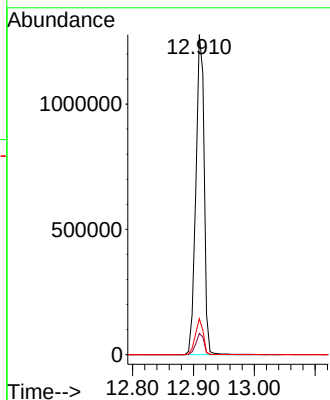
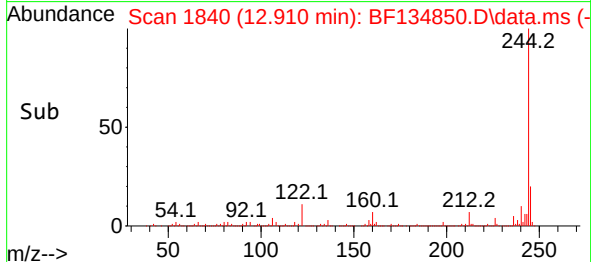


#79
 Terphenyl-d14
 Concen: 74.949 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134850.D
 Acq: 18 Aug 2023 20:21

Instrument :
 BNA_F
 ClientSampleId :
 MAPLE-SHADE-COMP



Tgt Ion:244 Resp: 1210148
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 11.2 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF134850.D
 Acq: 18 Aug 2023 20:21

Tgt Ion:264 Resp: 192544
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 22.1 15.8 23.8

