

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134872.D
 Acq On : 21 Aug 2023 17:37
 Operator : CG\JU
 Sample : 04074-01RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAPLE-SHADE-COMP

Quant Time: Aug 22 03:21:10 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)

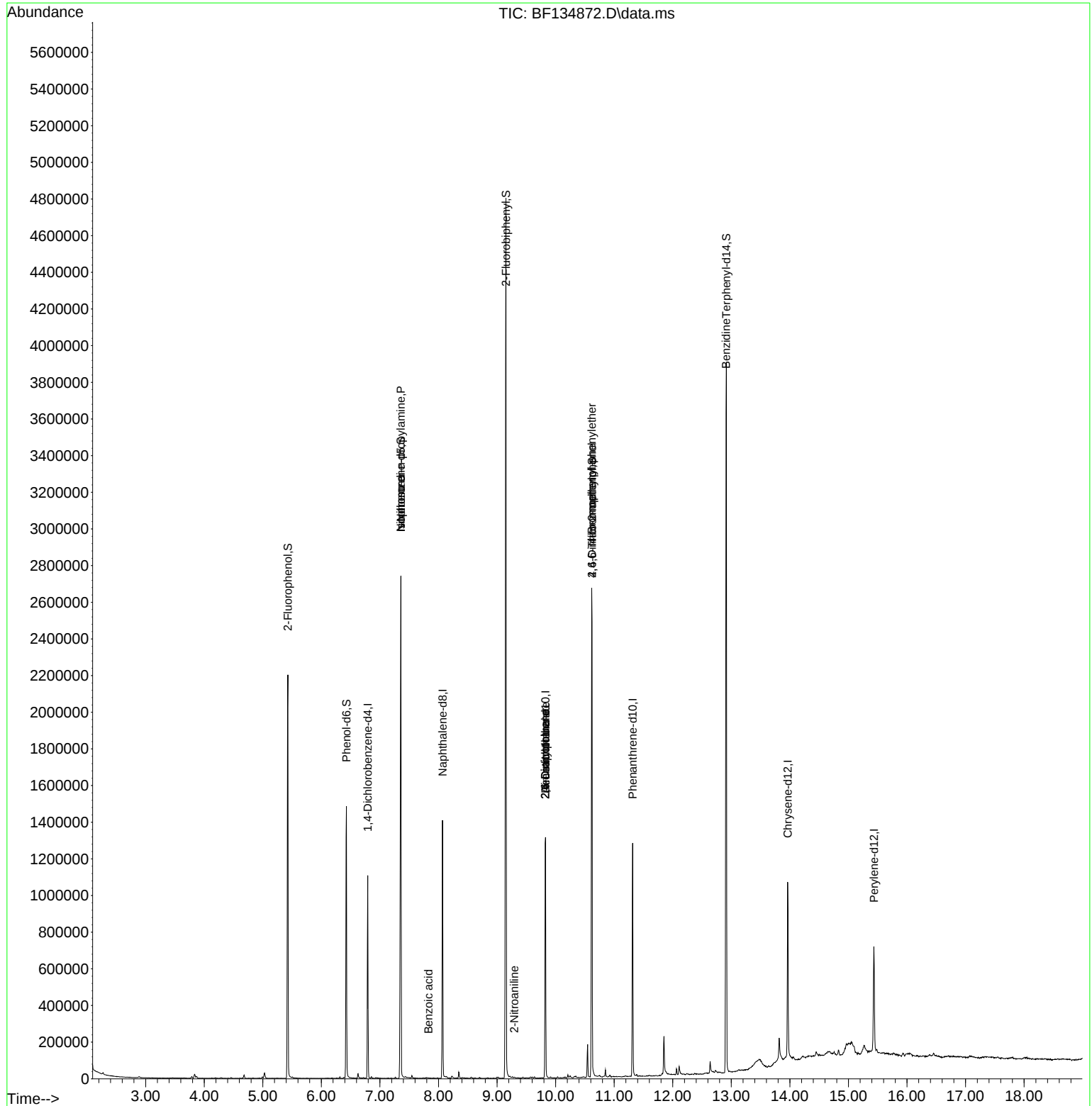
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	144428	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	586678	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	282452	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	453871	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	329732	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	276073	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	609437	64.143	ng	0.00
7) Phenol-d6	6.428	99	481773	39.667	ng	-0.01
23) Nitrobenzene-d5	7.357	82	922538	98.268	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	377216	131.008	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1584231	93.258	ng	-0.01
79) Terphenyl-d14	12.916	244	1548485	82.788	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.428	77	713	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	125574	17.269	ng	# 72
25) Isophorone	7.357	82	913483	44.612	ng	# 65
32) Benzoic acid	7.828	122	424	7.927	ng	# 47
48) 2-Nitroaniline	9.293	65	120	3.188	ng	# 61
50) Dimethylphthalate	9.828	163	59687	3.100	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	37211	11.439	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	37211	10.198	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	913	9.106	ng	# 4
67) 4-Bromophenyl-phenylether	10.616	248	23955	4.821	ng	# 1
77) Benzidine	12.910	184	19213	2.684	ng	# 92

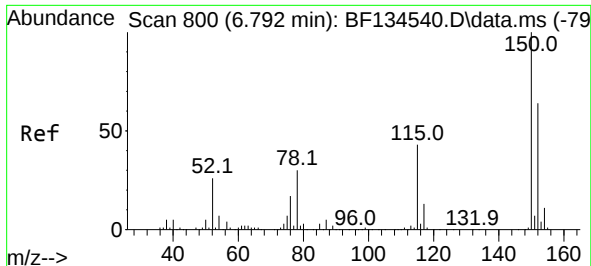
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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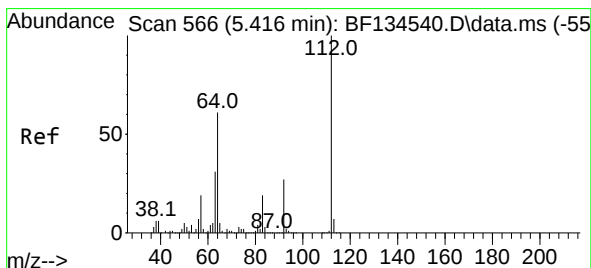
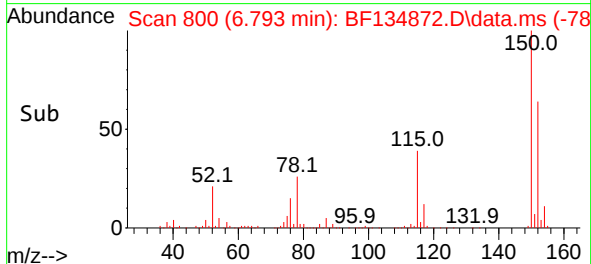
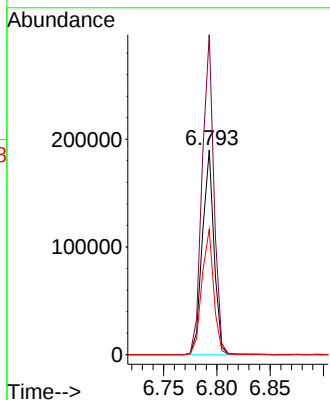
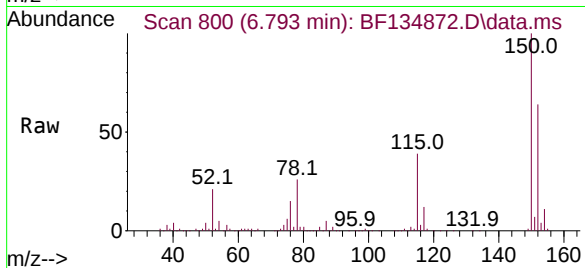




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134872.D
Acq: 21 Aug 2023 17:37

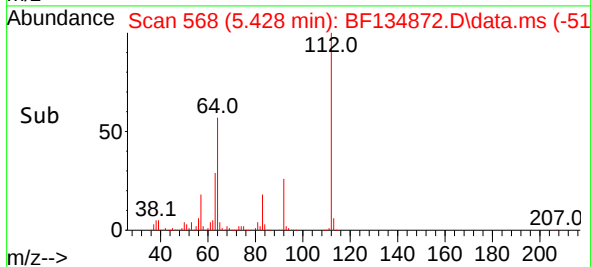
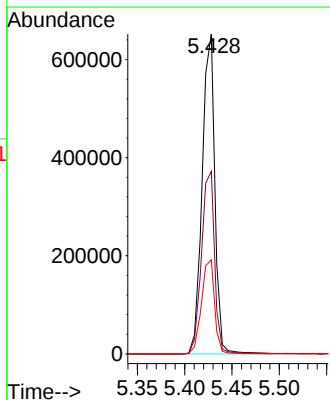
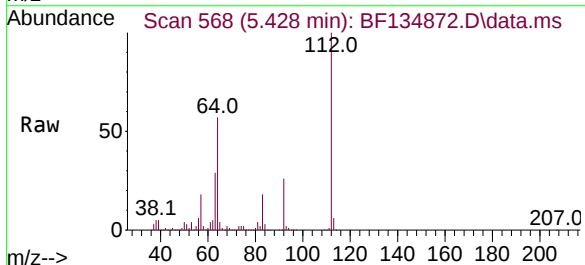
Instrument :
BNA_F
ClientSampleId :
MAPLE-SHADE-COMP

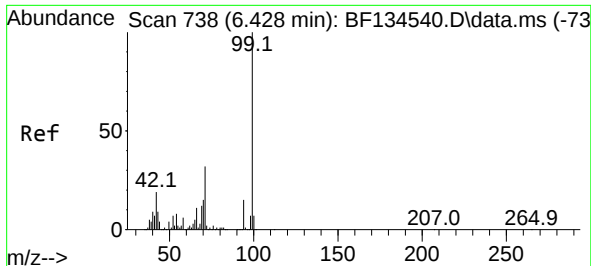
Tgt Ion:152 Resp: 144428
Ion Ratio Lower Upper
152 100
150 156.4 128.3 192.5
115 61.3 52.4 78.6



#5
2-Fluorophenol
Concen: 64.143 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134872.D
Acq: 21 Aug 2023 17:37

Tgt Ion:112 Resp: 609437
Ion Ratio Lower Upper
112 100
64 57.0 44.9 67.3
63 29.4 25.4 38.0

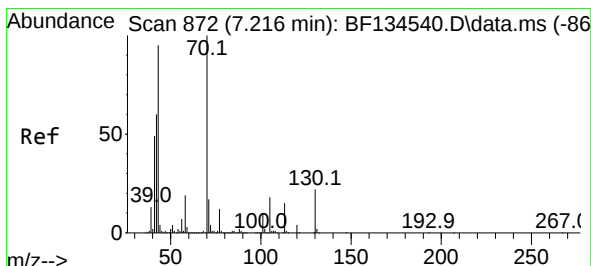
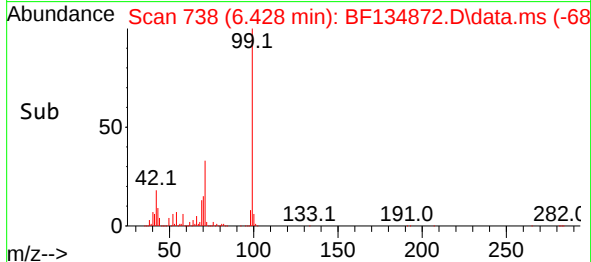
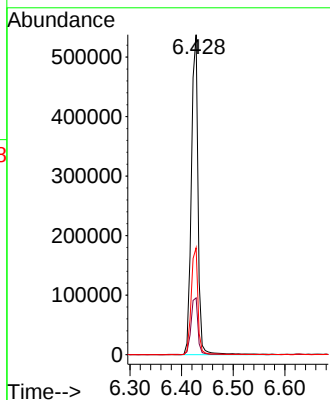
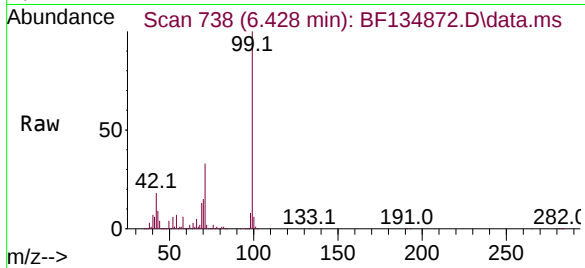




#7
Phenol-d6
Concen: 39.667 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.011 min
Lab File: BF134872.D
Acq: 21 Aug 2023 17:37

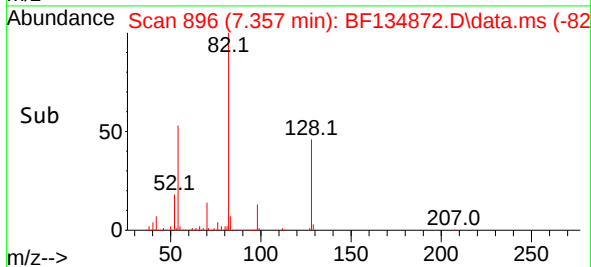
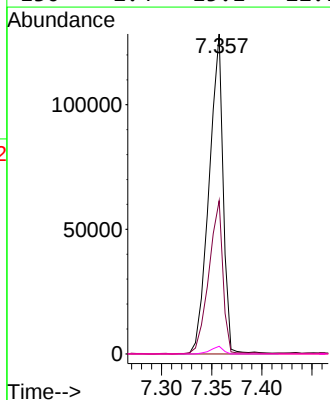
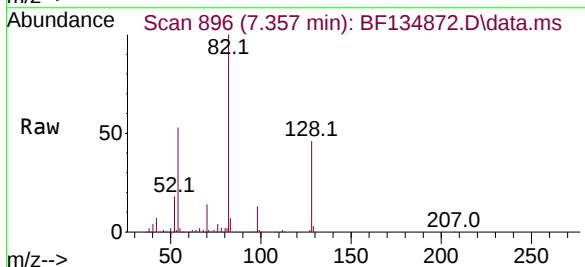
Instrument :
BNA_F
ClientSampleId :
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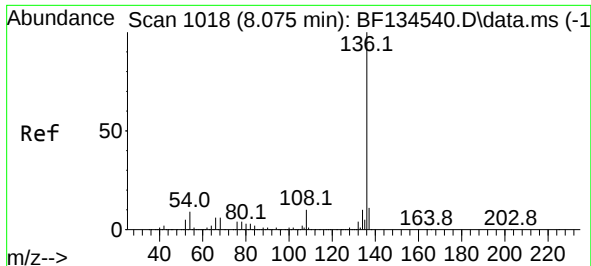
Tgt Ion: 99 Resp: 481773
Ion Ratio Lower Upper
99 100
42 17.7 18.7 28.1#
71 33.4 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 17.269 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.136 min
Lab File: BF134872.D
Acq: 21 Aug 2023 17:37

Tgt Ion: 70 Resp: 125574
Ion Ratio Lower Upper
70 100
42 47.9 54.7 82.1#
101 0.0 8.2 12.2#
130 2.4 15.1 22.7#

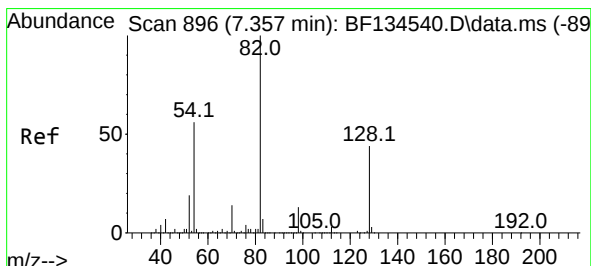
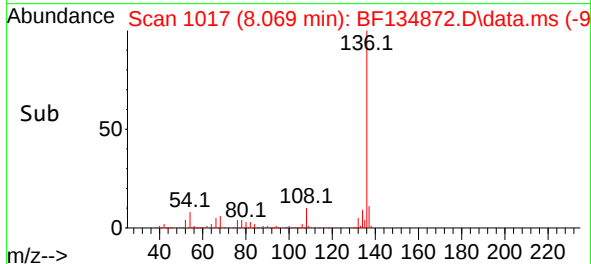
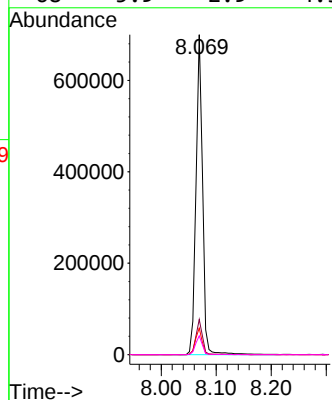
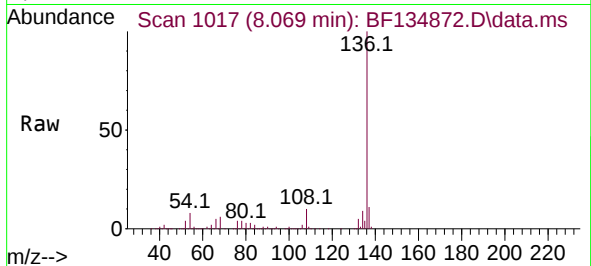




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.011 min
Lab File: BF134872.D
Acq: 21 Aug 2023 17:37

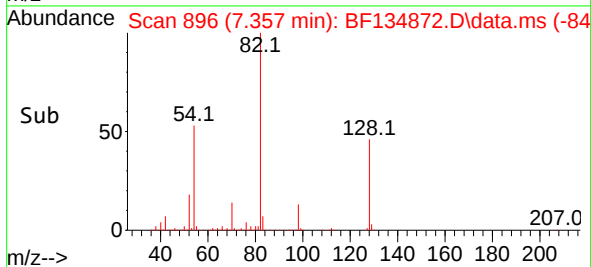
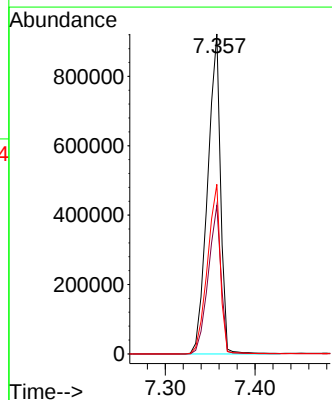
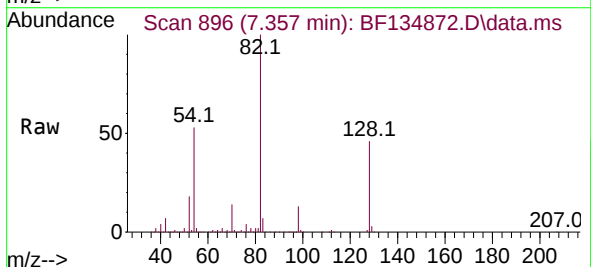
Instrument :
BNA_F
ClientSampleId :
MAPLE-SHADE-COMP

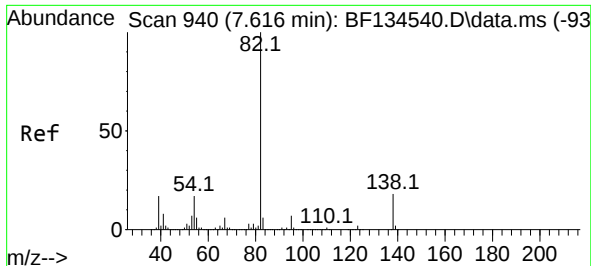
Tgt Ion:136 Resp: 586678
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.3 5.2 7.8#
68 5.9 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 98.268 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.011 min
Lab File: BF134872.D
Acq: 21 Aug 2023 17:37

Tgt Ion: 82 Resp: 922538
Ion Ratio Lower Upper
82 100
128 46.4 34.3 51.5
54 53.0 43.8 65.6





#25

Isophorone

Concen: 44.612 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.270 min

Lab File: BF134872.D

Acq: 21 Aug 2023 17:37

Instrument :

BNA_F

ClientSampleId :

MAPLE-SHADE-COMP

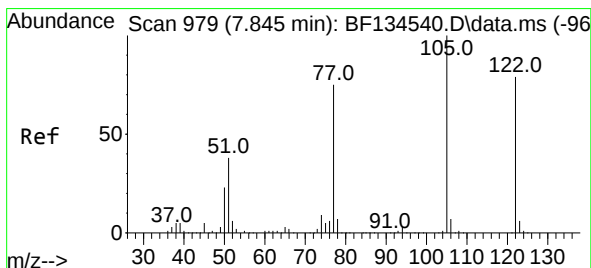
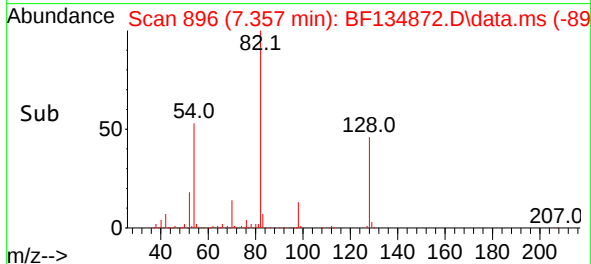
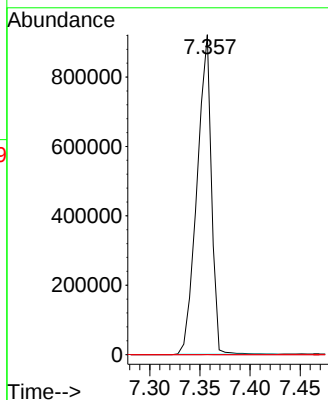
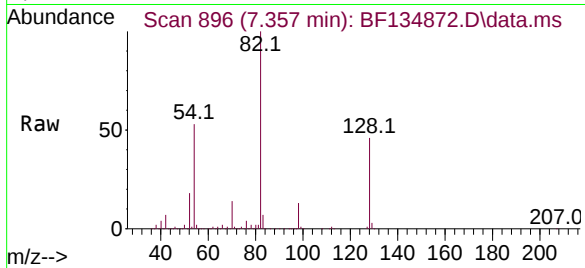
Tgt Ion: 82 Resp: 913483

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 14.6 22.0#



#32

Benzoic acid

Concen: 7.927 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.035 min

Lab File: BF134872.D

Acq: 21 Aug 2023 17:37

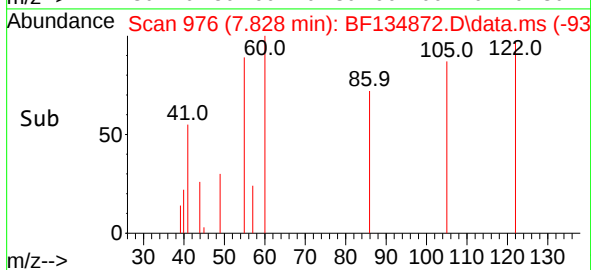
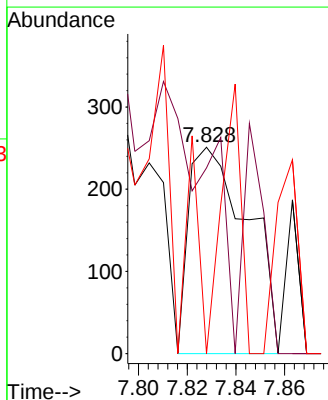
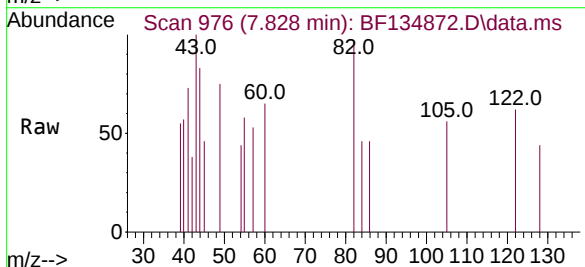
Tgt Ion:122 Resp: 424

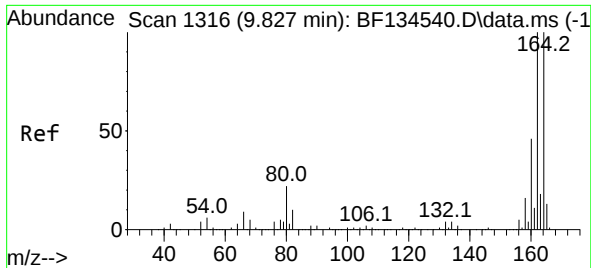
Ion Ratio Lower Upper

122 100

105 90.0 87.5 127.5

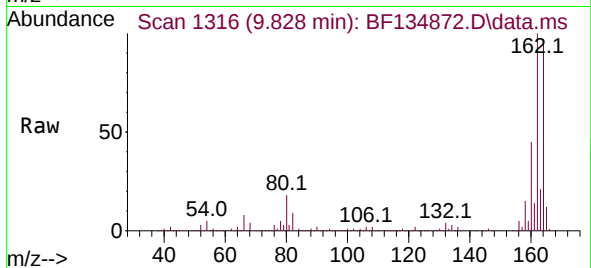
77 0.0 71.4 111.4#



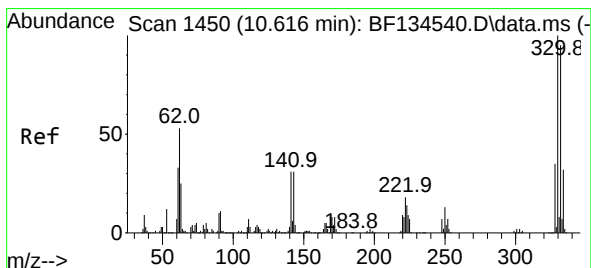
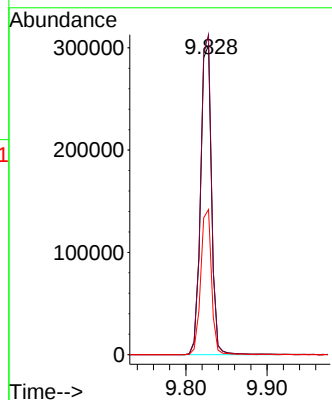
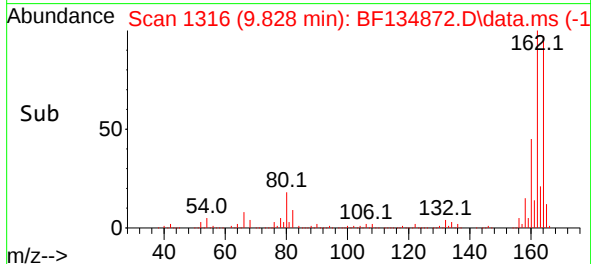


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134872.D
Acq: 21 Aug 2023 17:37

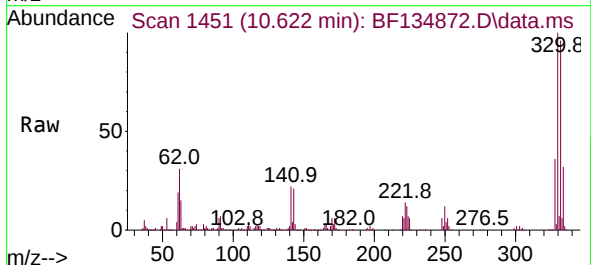
Instrument :
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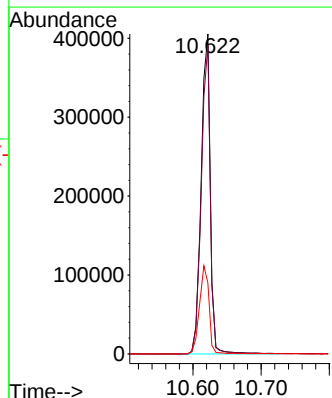
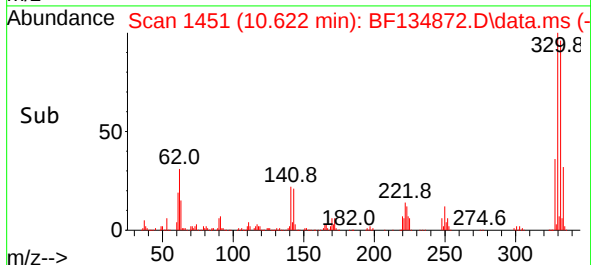
Tgt Ion:164 Resp: 282452
Ion Ratio Lower Upper
164 100
162 103.4 82.6 123.8
160 46.9 37.2 55.8

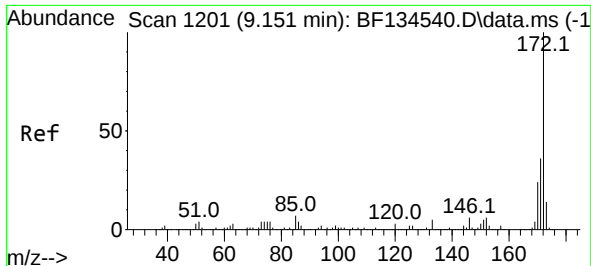


#42
2,4,6-Tribromophenol
Concen: 131.008 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134872.D
Acq: 21 Aug 2023 17:37



Tgt Ion:330 Resp: 377216
Ion Ratio Lower Upper
330 100
332 95.5 78.8 118.2
141 29.1 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 93.258 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.011 min

Lab File: BF134872.D

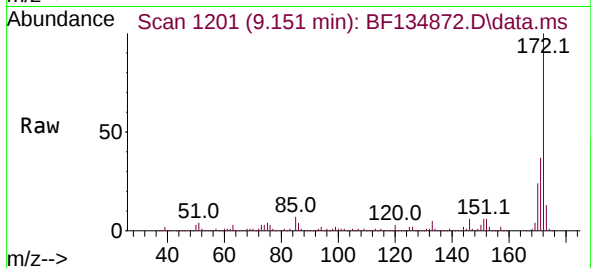
Acq: 21 Aug 2023 17:37

Instrument :

BNA_F

ClientSampleId :

MAPLE-SHADE-COMP



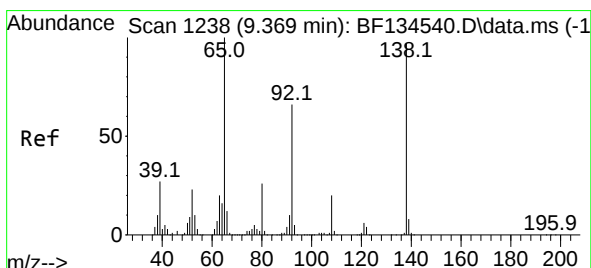
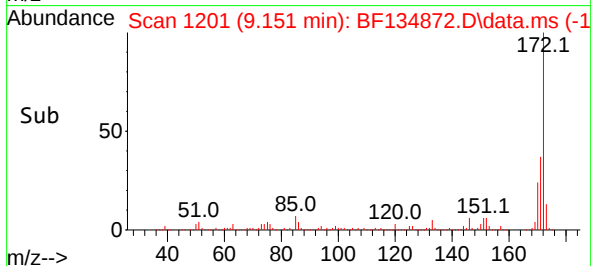
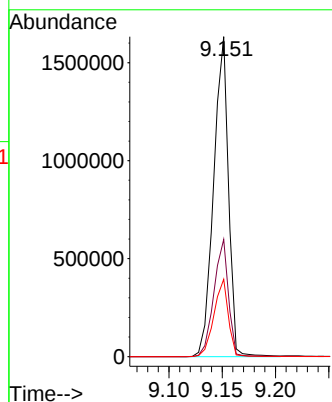
Tgt Ion:172 Resp: 1584231

Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.2 18.7 28.1



#48

2-Nitroaniline

Concen: 3.188 ng

RT: 9.293 min Scan# 1225

Delta R.T. -0.088 min

Lab File: BF134872.D

Acq: 21 Aug 2023 17:37

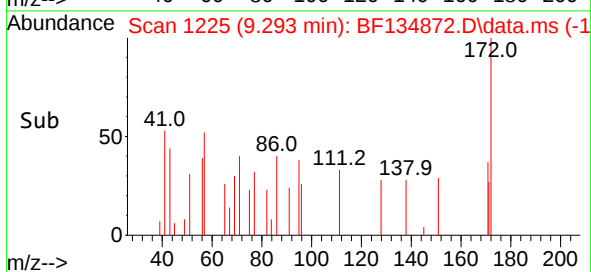
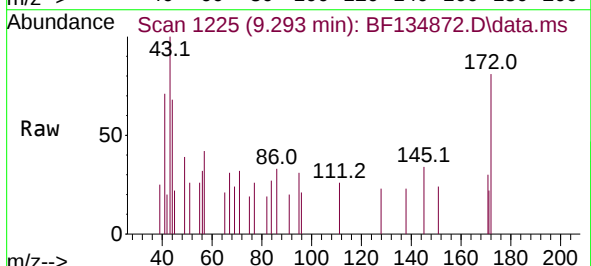
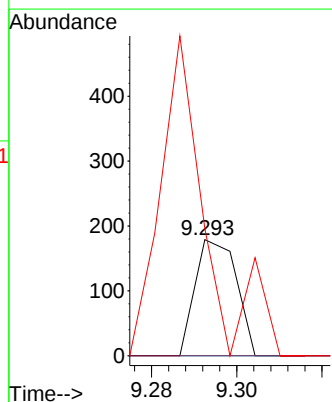
Tgt Ion: 65 Resp: 120

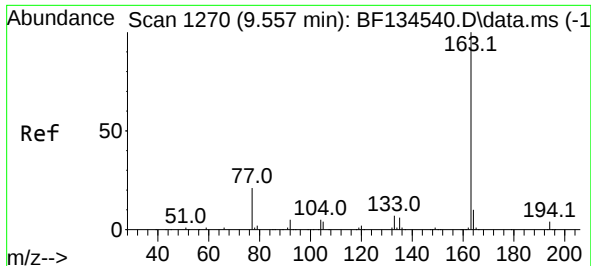
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 109.5 78.2 117.4

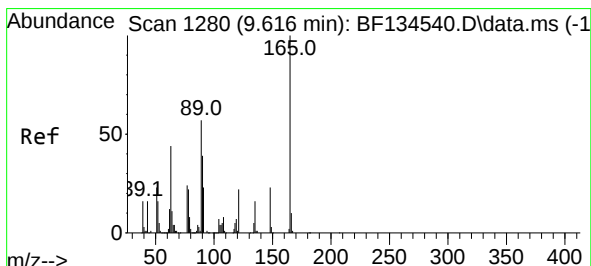
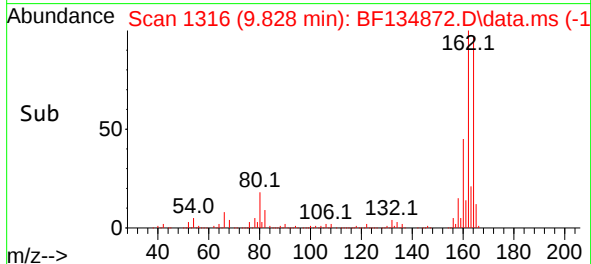
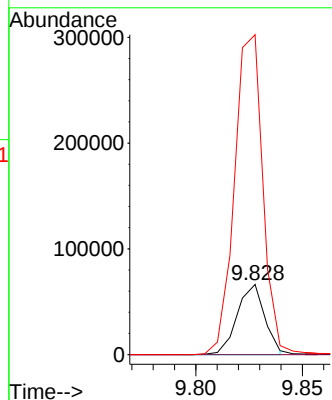
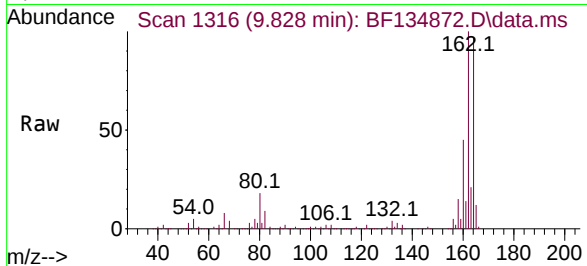




#50
Dimethylphthalate
Concen: 3.100 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF134872.D
Acq: 21 Aug 2023 17:37

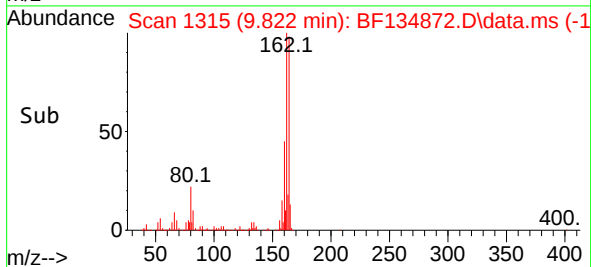
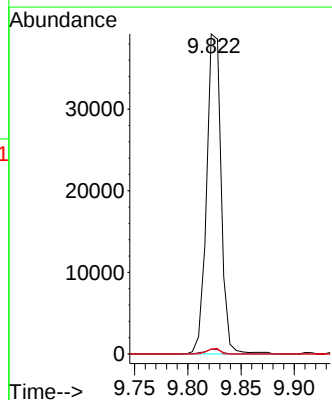
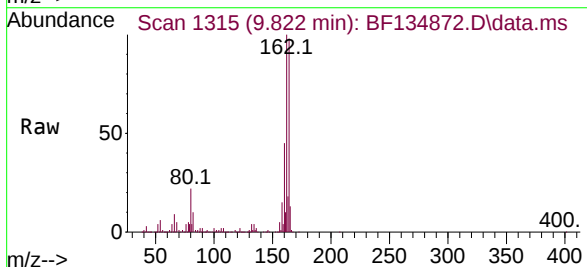
Instrument :
BNA_F
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MAPLE-SHADE-COMP

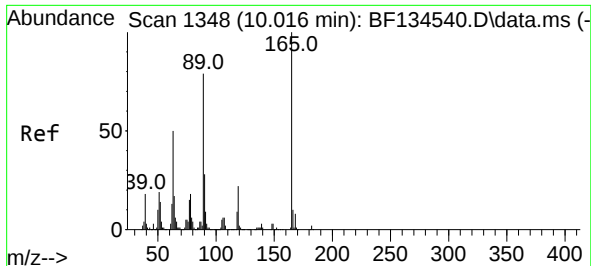
Tgt Ion:163 Resp: 59687
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 456.5 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.439 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.194 min
Lab File: BF134872.D
Acq: 21 Aug 2023 17:37

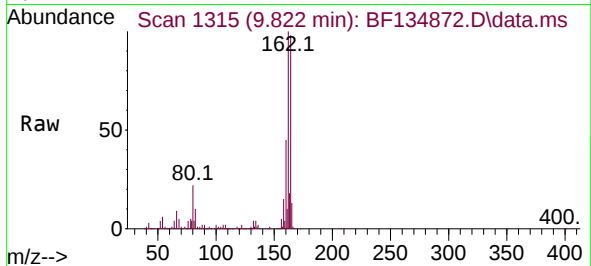
Tgt Ion:165 Resp: 37211
Ion Ratio Lower Upper
165 100
63 1.5 57.8 86.6#
89 1.5 51.8 77.8#



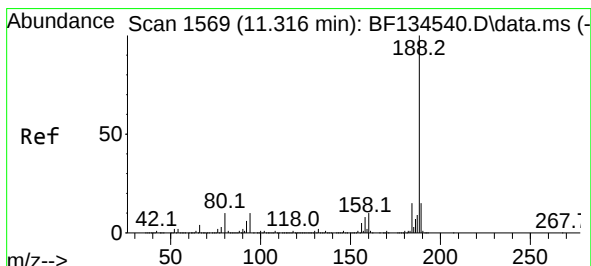
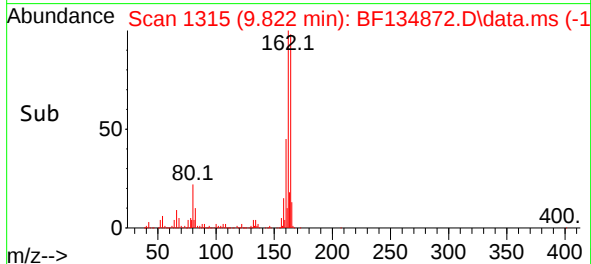
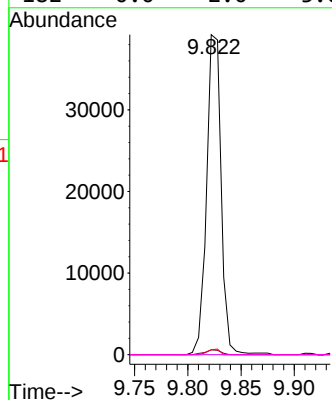


#57
2,4-Dinitrotoluene
Concen: 10.198 ng
RT: 9.822 min Scan# 1348
Delta R.T. -0.206 min
Lab File: BF134872.D
Acq: 21 Aug 2023 17:37

Instrument :
BNA_F
ClientSampleId :
MAPLE-SHADE-COMP

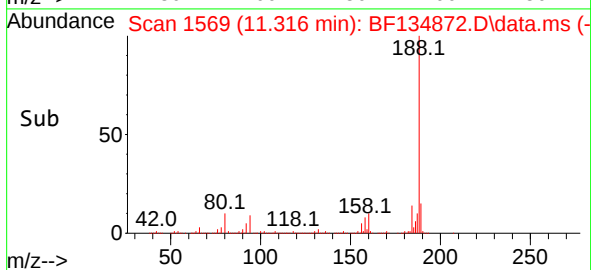
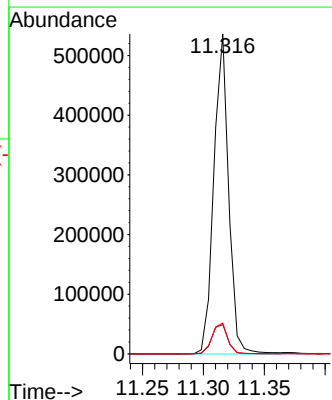
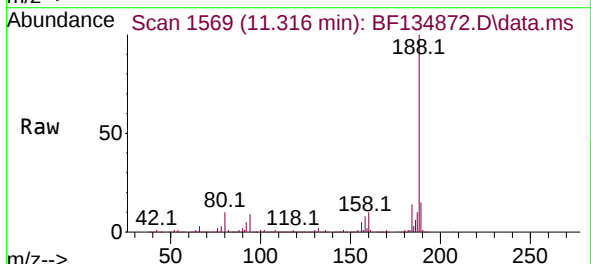


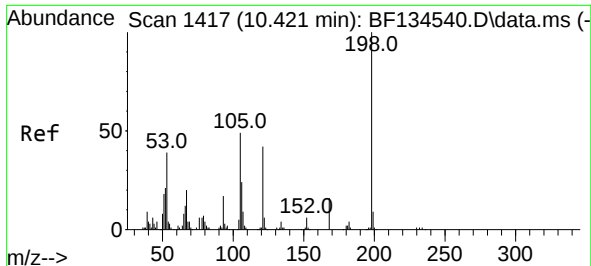
Tgt Ion:165 Resp: 37211
Ion Ratio Lower Upper
165 100
63 1.5 48.9 73.3#
89 1.5 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134872.D
Acq: 21 Aug 2023 17:37

Tgt Ion:188 Resp: 453871
Ion Ratio Lower Upper
188 100
94 9.2 5.1 7.7#
80 9.6 6.6 9.8





#65

4,6-Dinitro-2-methylphenol

Concen: 9.106 ng

RT: 10.622 min Scan# 1417

Delta R.T. 0.183 min

Lab File: BF134872.D

Acq: 21 Aug 2023 17:37

Instrument :

BNA_F

ClientSampleId :

MAPLE-SHADE-COMP

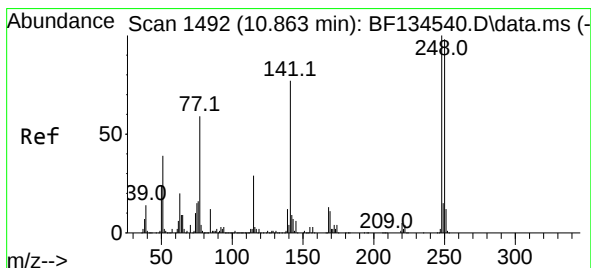
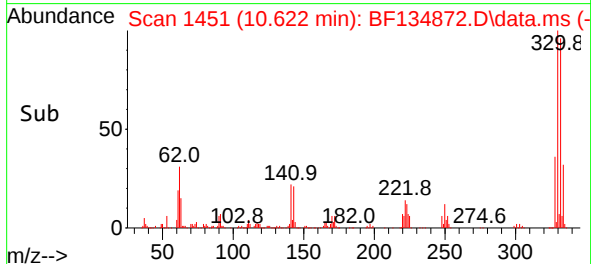
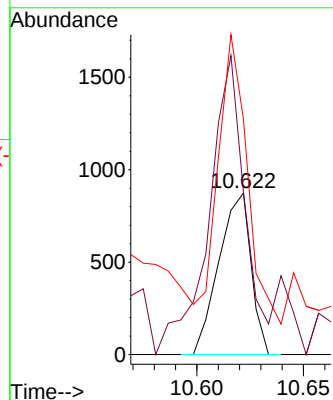
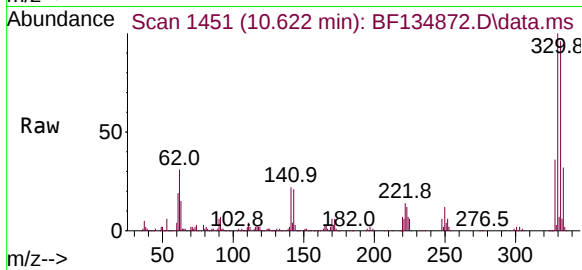
Tgt Ion:198 Resp: 913

Ion Ratio Lower Upper

198 100

51 100.7 38.6 78.6#

105 145.7 27.9 67.9#



#67

4-Bromophenyl-phenylether

Concen: 4.821 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.253 min

Lab File: BF134872.D

Acq: 21 Aug 2023 17:37

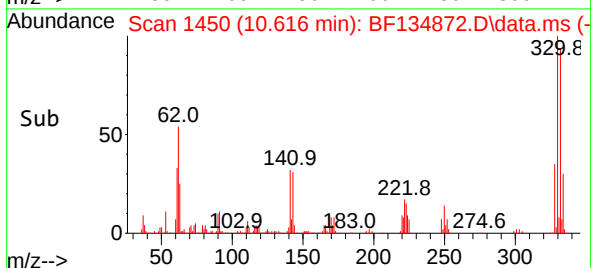
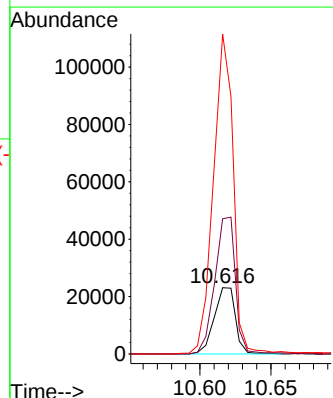
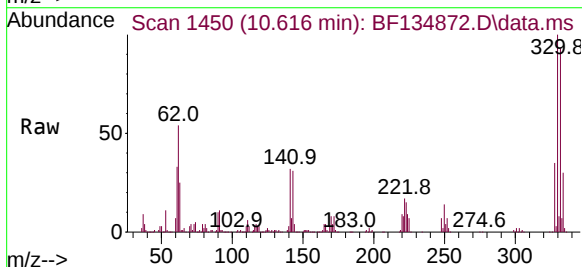
Tgt Ion:248 Resp: 23955

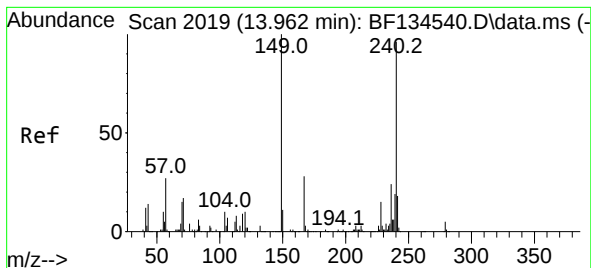
Ion Ratio Lower Upper

248 100

250 204.1 79.6 119.4#

141 483.5 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.011 min

Lab File: BF134872.D

Acq: 21 Aug 2023 17:37

Instrument :

BNA_F

ClientSampleId :

MAPLE-SHADE-COMP

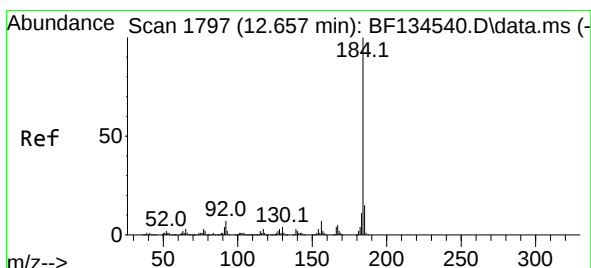
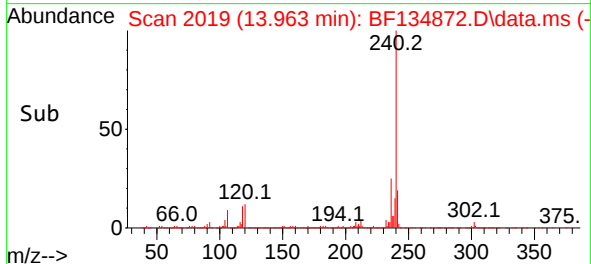
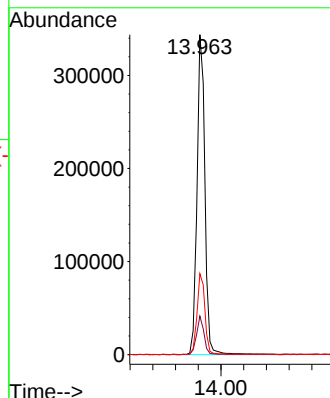
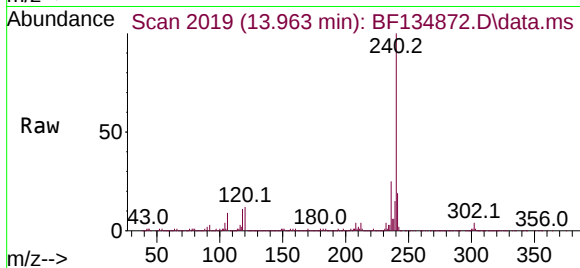
Tgt Ion:240 Resp: 329732

Ion Ratio Lower Upper

240 100

120 12.0 6.6 10.0#

236 25.3 20.2 30.2



#77

Benzidine

Concen: 2.684 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.247 min

Lab File: BF134872.D

Acq: 21 Aug 2023 17:37

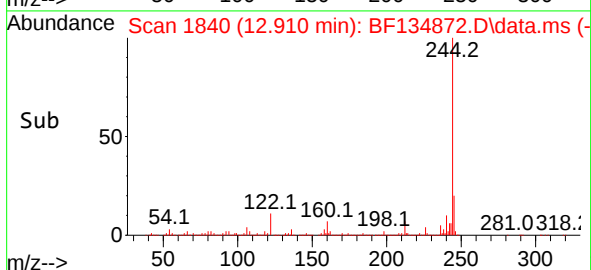
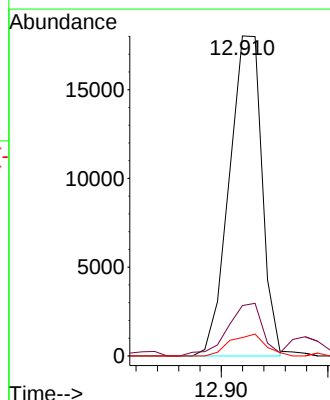
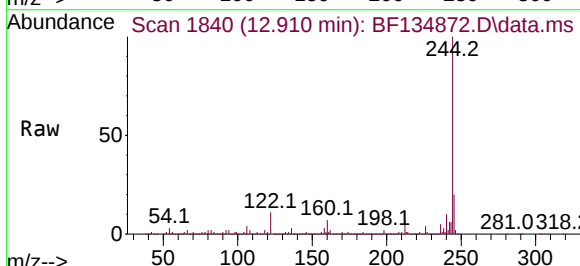
Tgt Ion:184 Resp: 19213

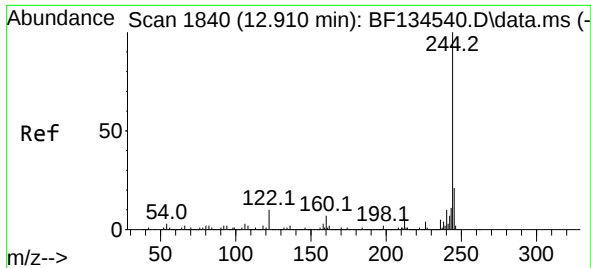
Ion Ratio Lower Upper

184 100

185 15.7 11.2 16.8

183 5.8 8.6 13.0#

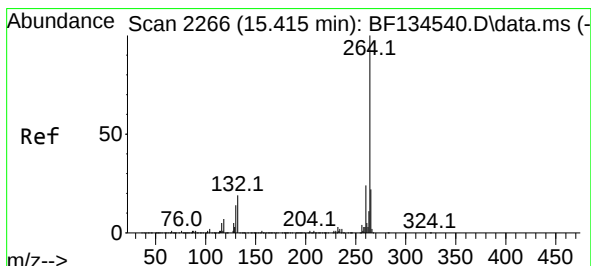
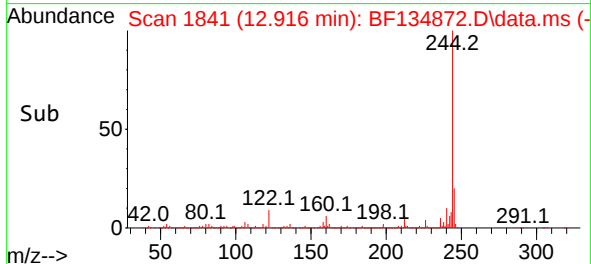
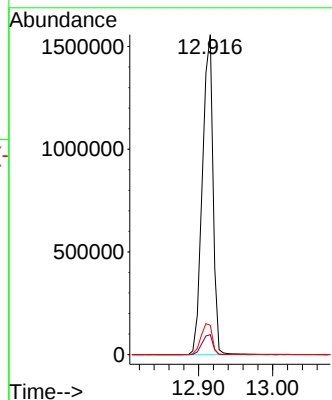
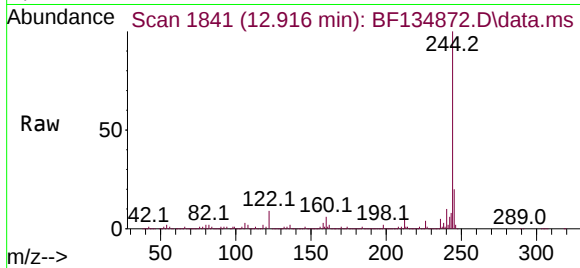




#79
 Terphenyl-d14
 Concen: 82.788 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF134872.D
 Acq: 21 Aug 2023 17:37

Instrument :
 BNA_F
 ClientSampleId :
 MAPLE-SHADE-COMP

Tgt Ion:244 Resp: 1548485
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 9.2 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: BF134872.D
 Acq: 21 Aug 2023 17:37

Tgt Ion:264 Resp: 276073
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.5 15.8 23.8

