

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134550.D
 Acq On : 01 Aug 2023 16:09
 Operator : CG\JU
 Sample : 03741-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 02:44:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

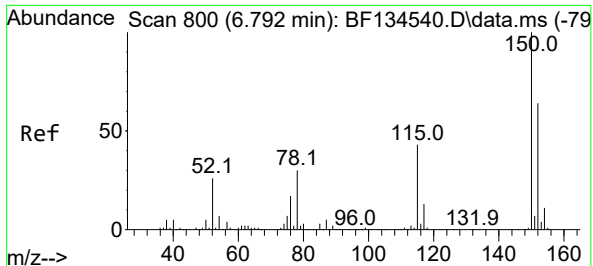
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	171561	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	675772	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	333021	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	581727	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	332086	20.000	ng	#-0.01
86) Perylene-d12	15.410	264	322686	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1095623	97.077	ng	0.00
7) Phenol-d6	6.416	99	1420276	98.444	ng	-0.01
23) Nitrobenzene-d5	7.351	82	806266	74.560	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	329050	96.927	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1454450	72.617	ng	0.00
79) Terphenyl-d14	12.904	244	1522293	80.810	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.340	77	380	Below Cal		89
19) n-Nitroso-di-n-propyla...	7.351	70	110878	12.836 ng	#	76
25) Isophorone	7.351	82	806169	34.181 ng	#	65
32) Benzoic acid	7.739	122	157	7.886 ng	#	60
48) 2-Nitroaniline	9.539	65	1539	3.404 ng	#	1
50) Dimethylphthalate	9.539	163	133846	5.897 ng		97
51) 2,6-Dinitrotoluene	9.539	165	1568	2.815 ng	#	10
57) 2,4-Dinitrotoluene	9.822	165	41693	9.832 ng	#	18
65) 4,6-Dinitro-2-methylph...	10.610	198	842	8.992 ng	#	1
67) 4-Bromophenyl-phenylether	10.610	248	21256	3.338 ng	#	1
77) Benzidine	12.904	184	17903	2.483 ng	#	89

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

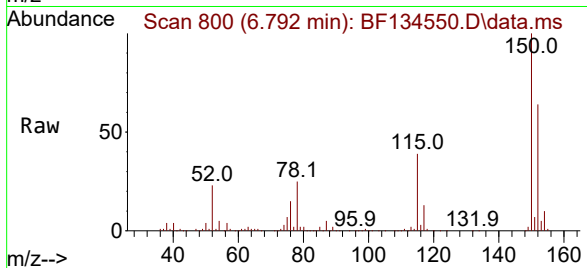
Quant Time: Aug 02 02:44:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 02:20:34 2023
Response via : Initial Calibration



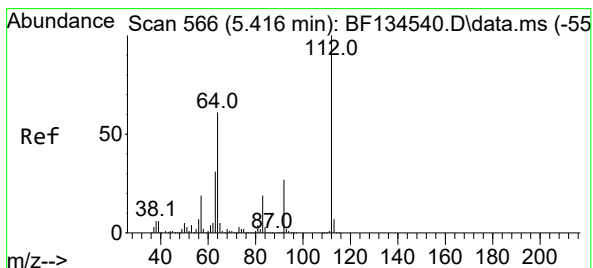
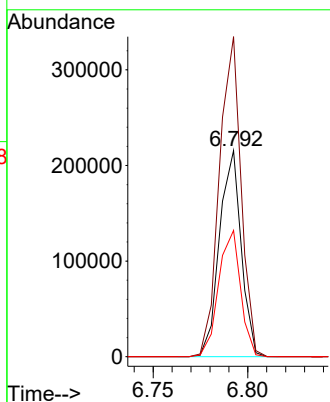
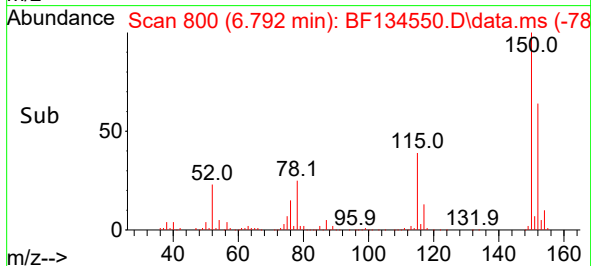


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134550.D
 Acq: 01 Aug 2023 16:09

Instrument :
 BNA_F
 ClientSampleId :

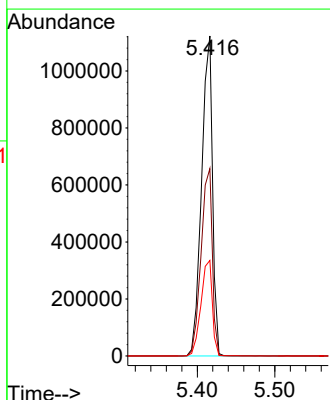
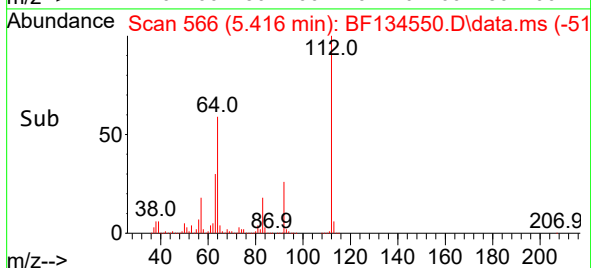
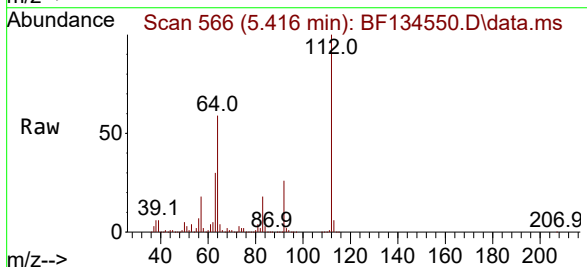


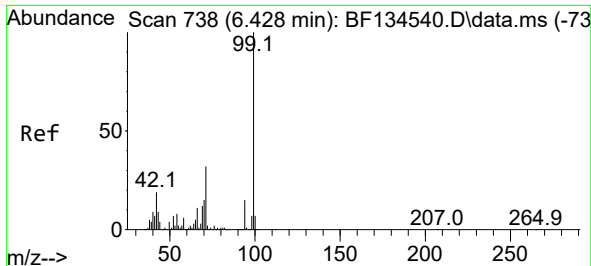
Tgt Ion:152 Resp: 171561
 Ion Ratio Lower Upper
 152 100
 150 155.3 128.3 192.5
 115 61.3 52.4 78.6



#5
 2-Fluorophenol
 Concen: 97.077 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: BF134550.D
 Acq: 01 Aug 2023 16:09

Tgt Ion:112 Resp: 1095623
 Ion Ratio Lower Upper
 112 100
 64 58.6 44.9 67.3
 63 29.9 25.4 38.0

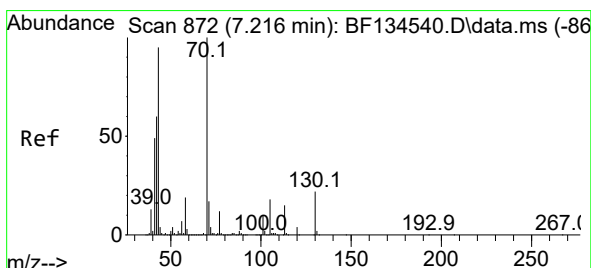
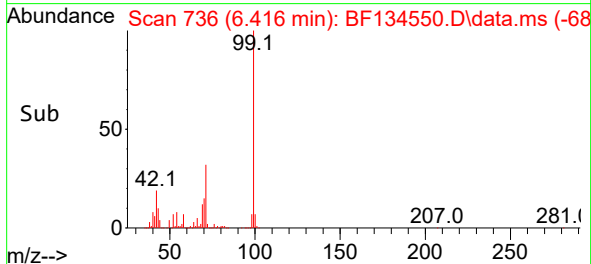
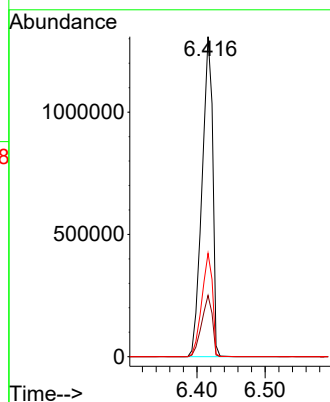
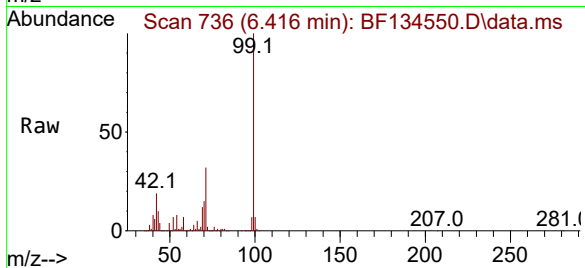




#7
Phenol-d6
Concen: 98.444 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134550.D
Acq: 01 Aug 2023 16:09

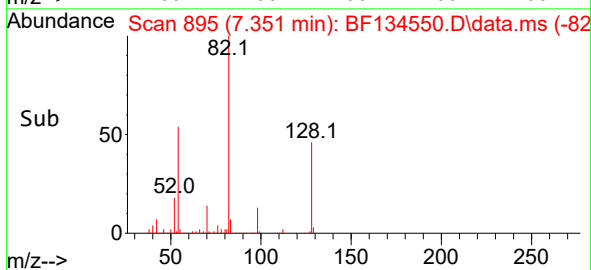
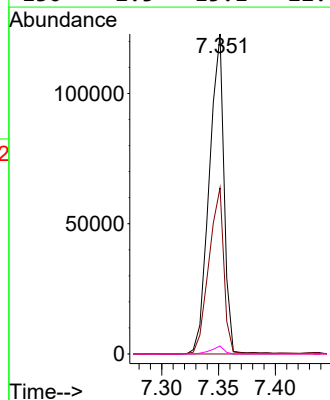
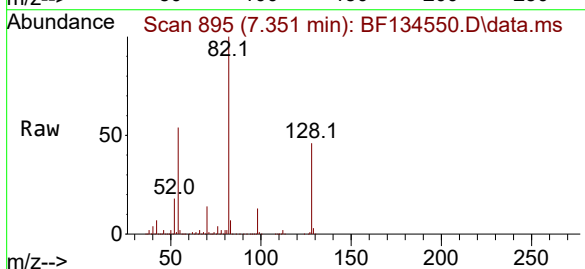
Instrument :
BNA_F
ClientSampleId :

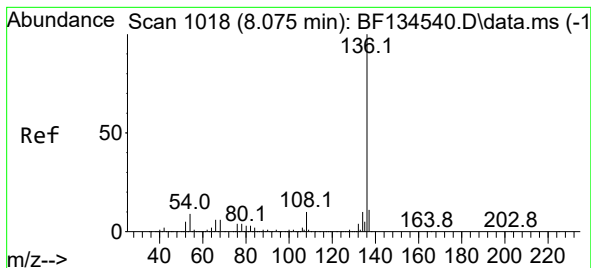
Tgt Ion: 99 Resp: 1420276
Ion Ratio Lower Upper
99 100
42 19.2 18.7 28.1
71 32.3 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 12.836 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134550.D
Acq: 01 Aug 2023 16:09

Tgt Ion: 70 Resp: 110878
Ion Ratio Lower Upper
70 100
42 51.9 54.7 82.1#
101 0.0 8.2 12.2#
130 2.5 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

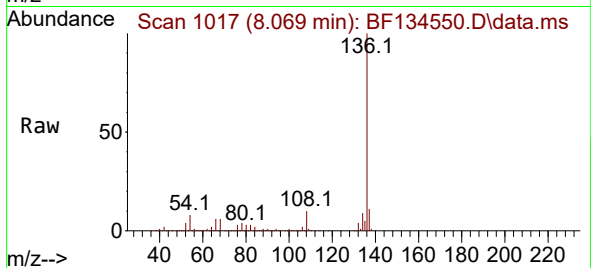
Lab File: BF134550.D

Acq: 01 Aug 2023 16:09

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 675772

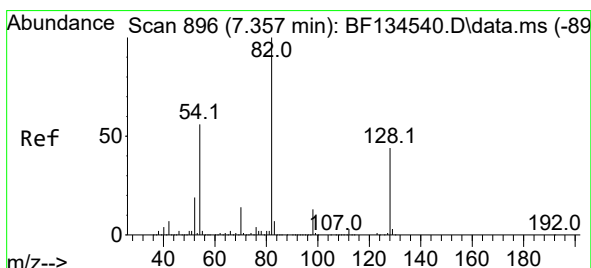
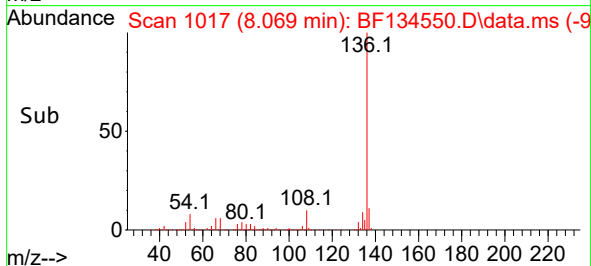
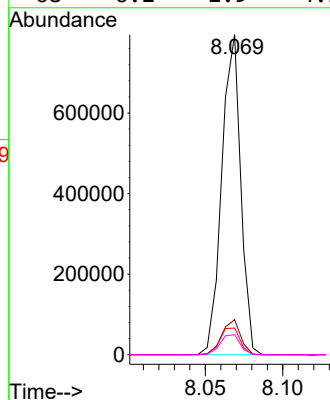
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 8.4 5.2 7.8#

68 6.2 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 74.560 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF134550.D

Acq: 01 Aug 2023 16:09

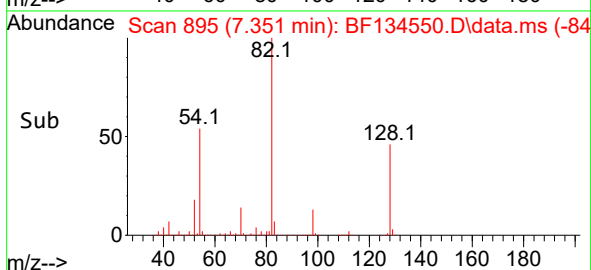
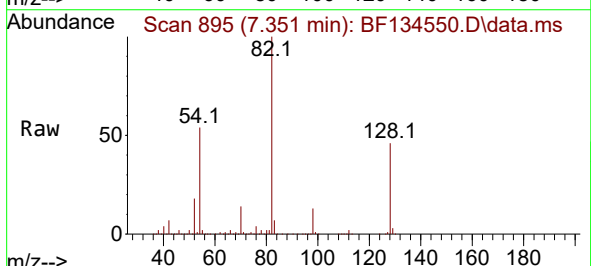
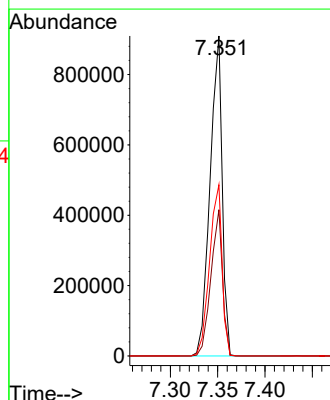
Tgt Ion: 82 Resp: 806266

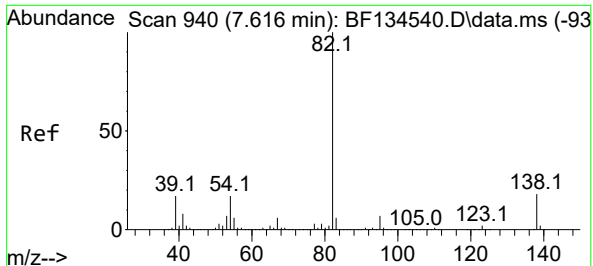
Ion Ratio Lower Upper

82 100

128 45.7 34.3 51.5

54 53.5 43.8 65.6

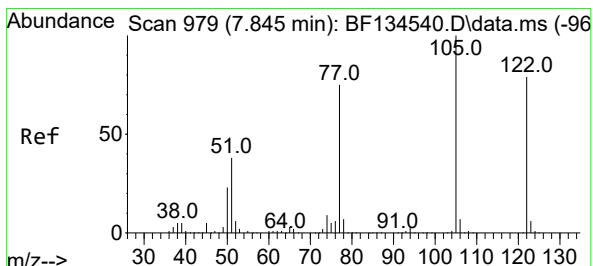
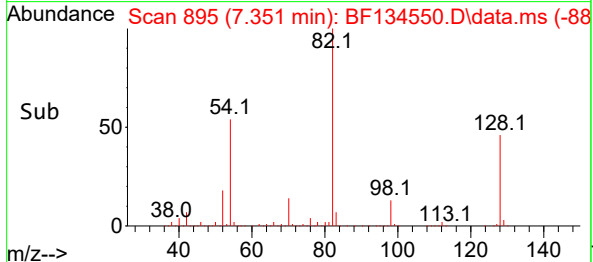
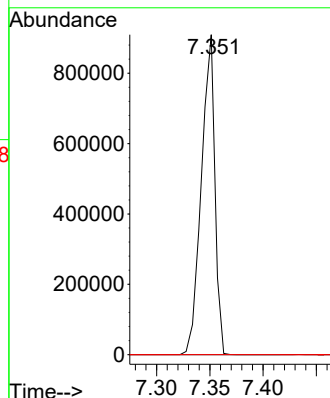
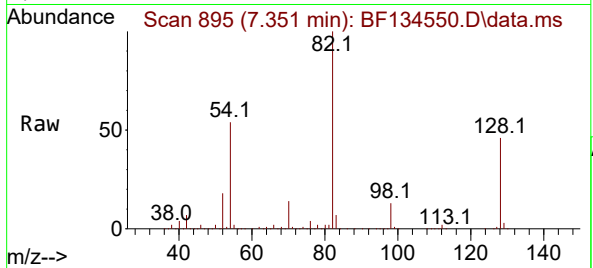




#25
Isophorone
Concen: 34.181 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF134550.D
Acq: 01 Aug 2023 16:09

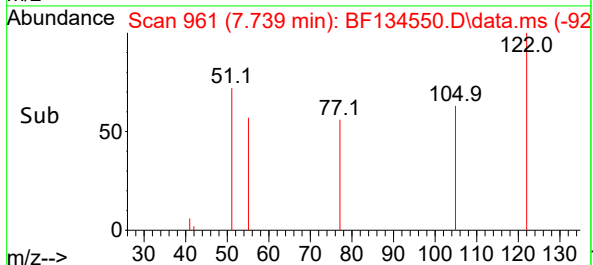
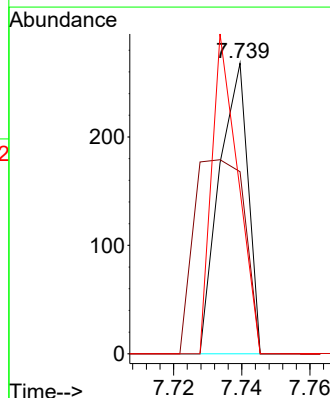
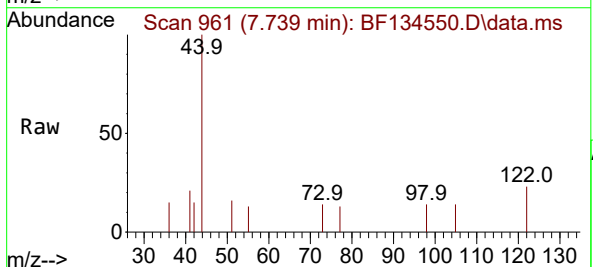
Instrument :
BNA_F
ClientSampleId :

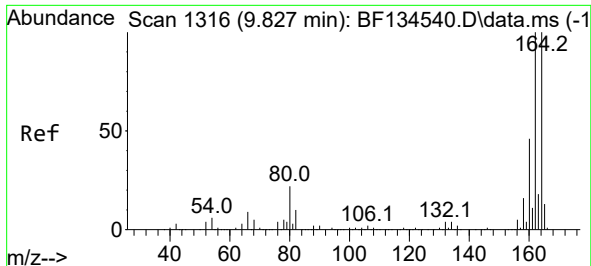
Tgt Ion: 82 Resp: 806169
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.886 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.106 min
Lab File: BF134550.D
Acq: 01 Aug 2023 16:09

Tgt Ion:122 Resp: 157
Ion Ratio Lower Upper
122 100
105 62.7 87.5 127.5#
77 56.3 71.4 111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1

Delta R.T. -0.006 min

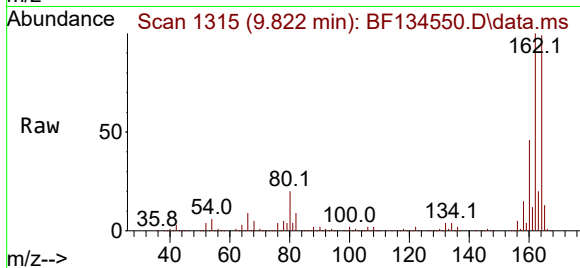
Lab File: BF134550.D

Acq: 01 Aug 2023 16:09

Instrument :

BNA_F

ClientSampleId :



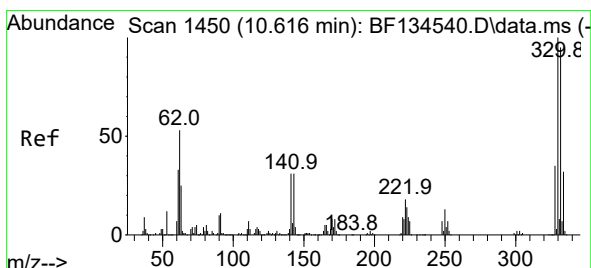
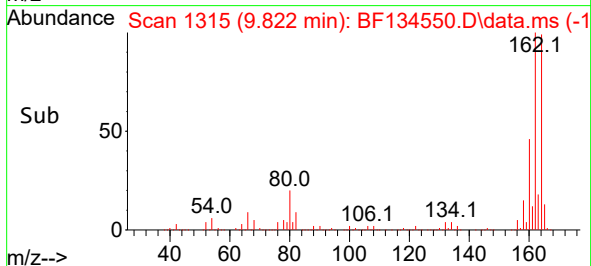
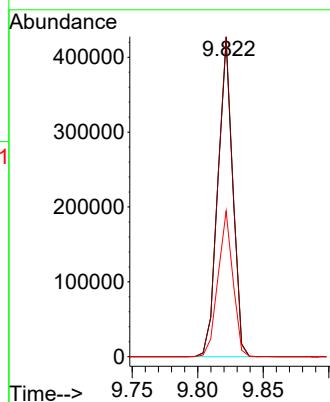
Tgt Ion:164 Resp: 333021

Ion Ratio Lower Upper

164 100

162 101.3 82.6 123.8

160 46.1 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 96.927 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF134550.D

Acq: 01 Aug 2023 16:09

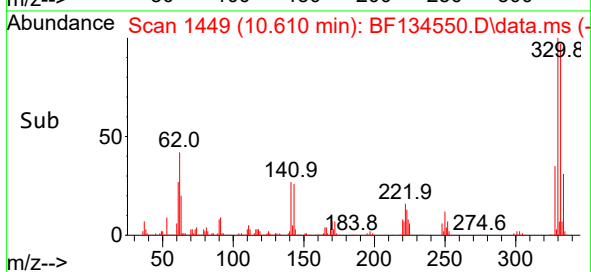
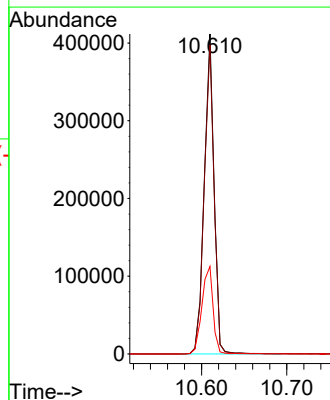
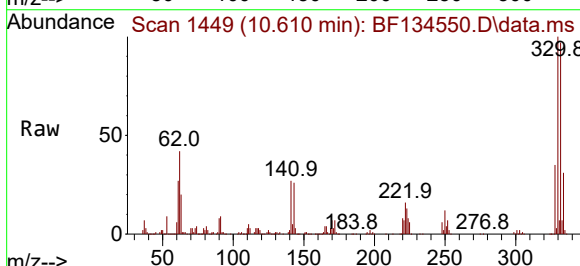
Tgt Ion:330 Resp: 329050

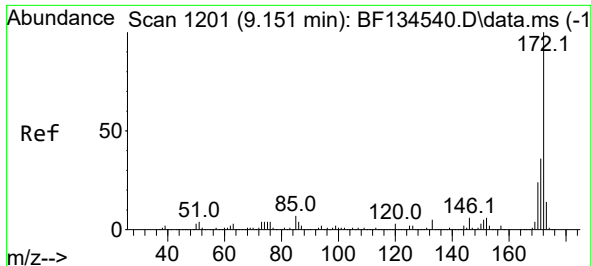
Ion Ratio Lower Upper

330 100

332 96.9 78.8 118.2

141 31.2 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 72.617 ng

RT: 9.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134550.D

Acq: 01 Aug 2023 16:09

Instrument :

BNA_F

ClientSampleId :

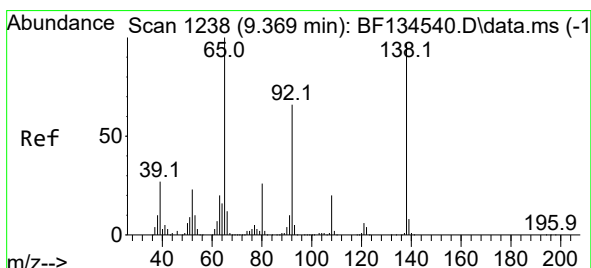
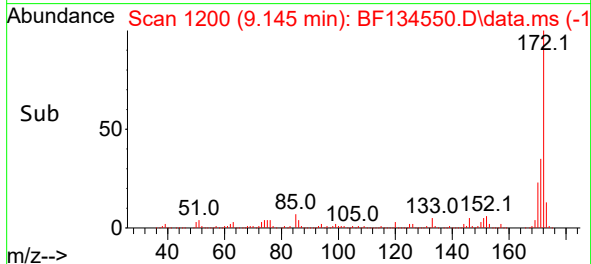
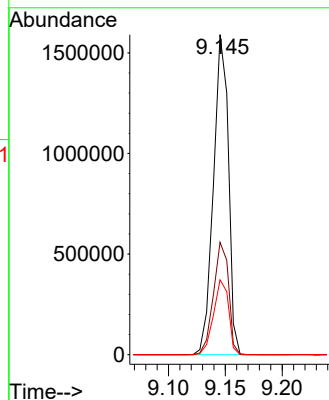
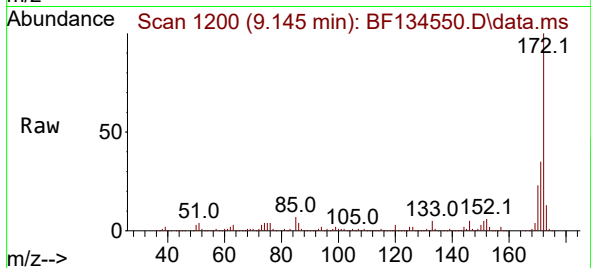
Tgt Ion:172 Resp: 1454450

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.4 18.7 28.1



#48

2-Nitroaniline

Concen: 3.404 ng

RT: 9.539 min Scan# 1267

Delta R.T. 0.170 min

Lab File: BF134550.D

Acq: 01 Aug 2023 16:09

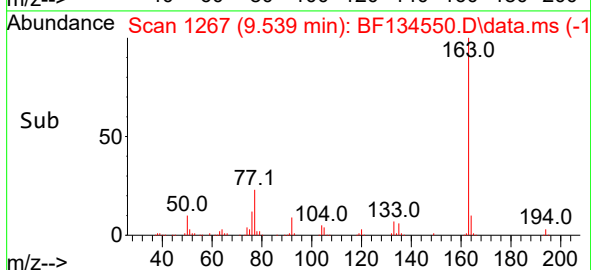
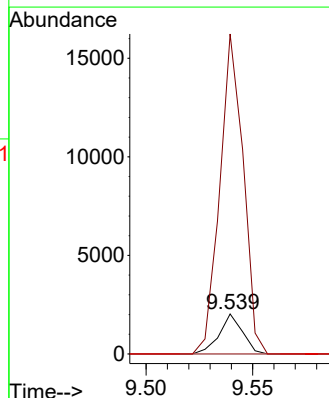
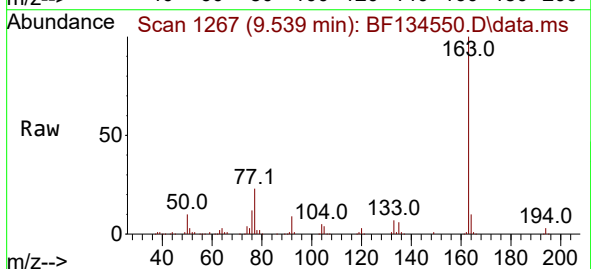
Tgt Ion: 65 Resp: 1539

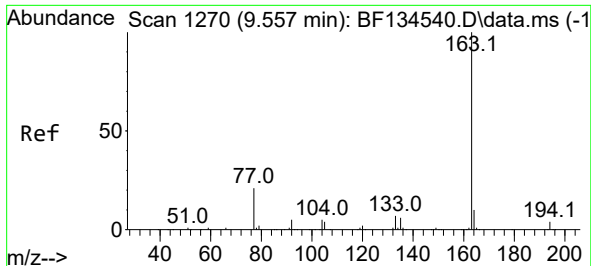
Ion Ratio Lower Upper

65 100

92 799.3 50.7 76.1#

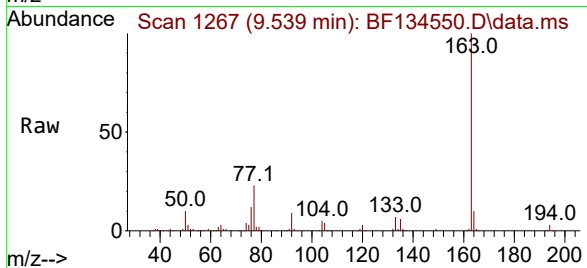
138 0.0 78.2 117.4#



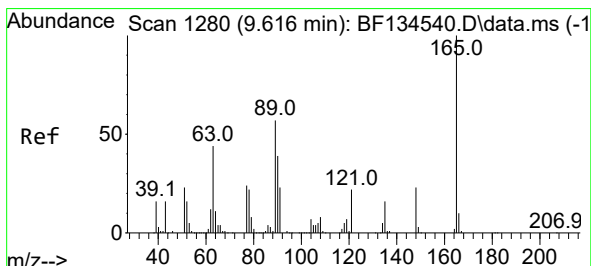
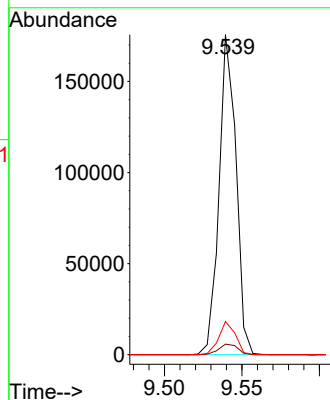
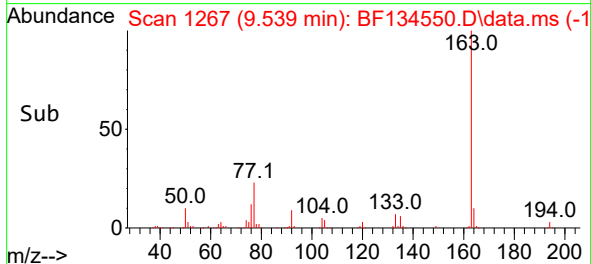


#50
Dimethylphthalate
Concen: 5.897 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.018 min
Lab File: BF134550.D
Acq: 01 Aug 2023 16:09

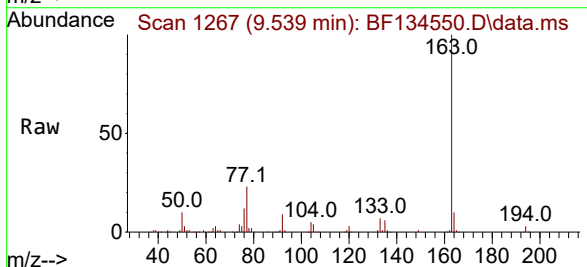
Instrument :
BNA_F
ClientSampleId :



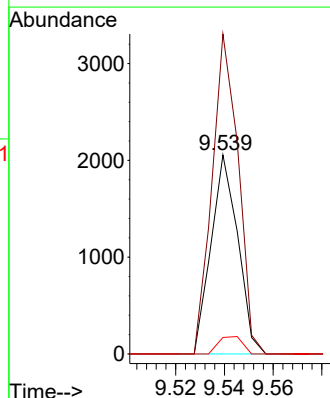
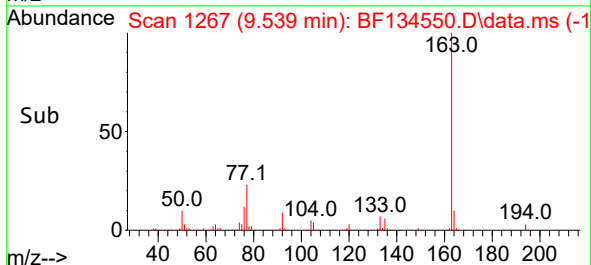
Tgt Ion:163 Resp: 133846
Ion Ratio Lower Upper
163 100
194 3.3 3.3 4.9
164 10.4 7.5 11.3

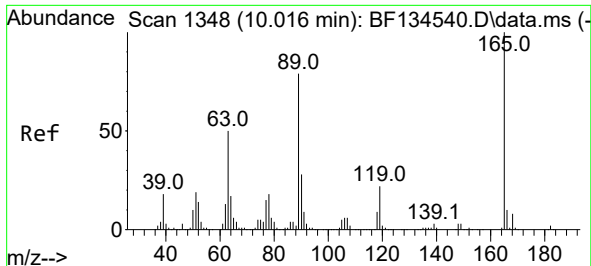


#51
2,6-Dinitrotoluene
Concen: 2.815 ng
RT: 9.539 min Scan# 1267
Delta R.T. -0.077 min
Lab File: BF134550.D
Acq: 01 Aug 2023 16:09



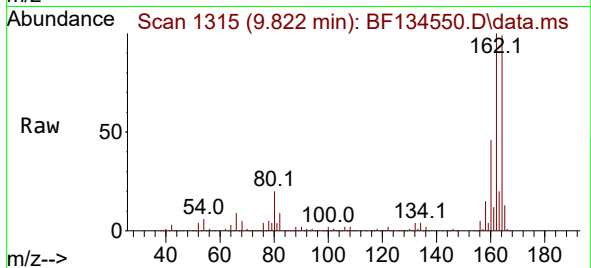
Tgt Ion:165 Resp: 1568
Ion Ratio Lower Upper
165 100
63 160.7 57.8 86.6#
89 8.3 51.8 77.8#



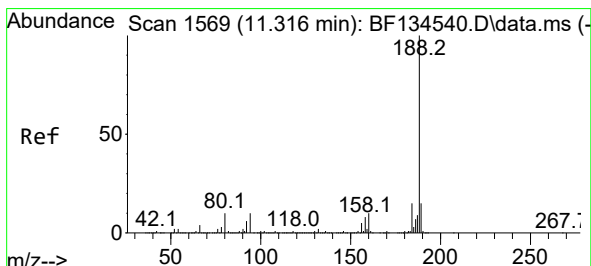
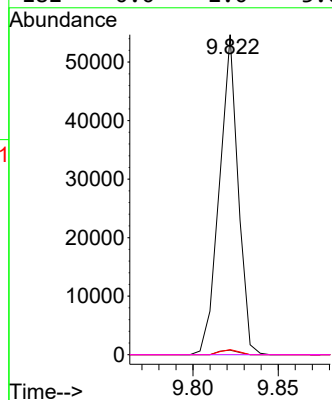
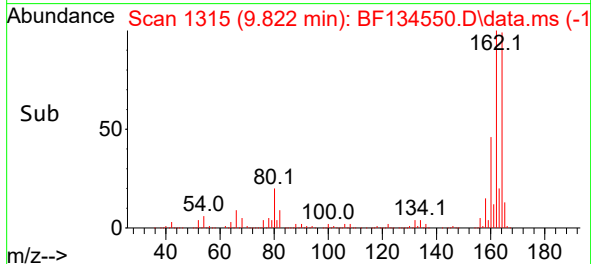


#57
2,4-Dinitrotoluene
Concen: 9.832 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134550.D
Acq: 01 Aug 2023 16:09

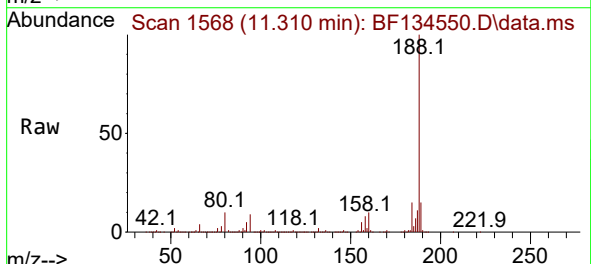
Instrument :
BNA_F
ClientSampleId :



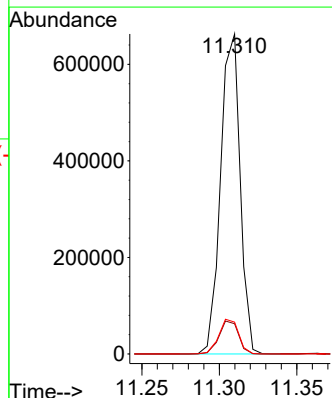
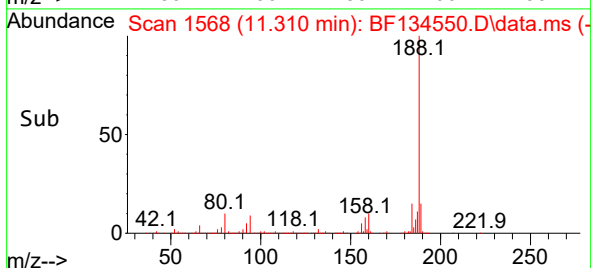
Tgt Ion:165 Resp: 41693
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 1.6 61.7 92.5#
182 0.0 2.0 3.0#

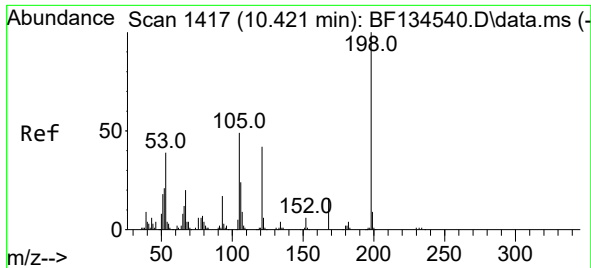


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF134550.D
Acq: 01 Aug 2023 16:09



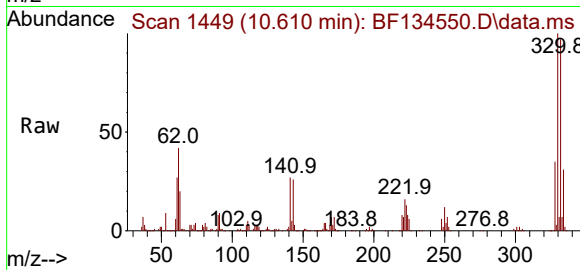
Tgt Ion:188 Resp: 581727
Ion Ratio Lower Upper
188 100
94 9.4 5.1 7.7#
80 9.9 6.6 9.8#



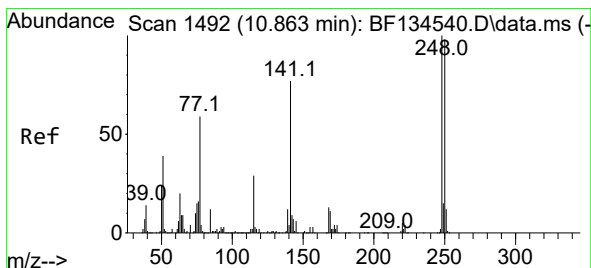
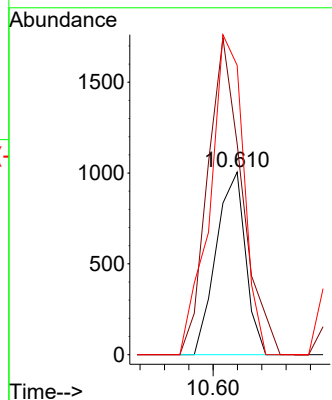
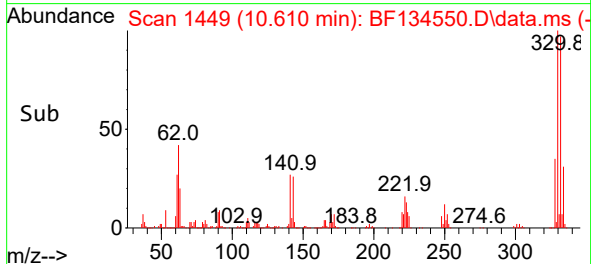


#65
4,6-Dinitro-2-methylphenol
Concen: 8.992 ng
RT: 10.610 min Scan# 1417
Delta R.T. 0.189 min
Lab File: BF134550.D
Acq: 01 Aug 2023 16:09

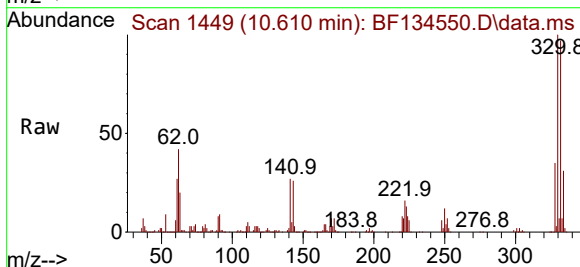
Instrument :
BNA_F
ClientSampleId :



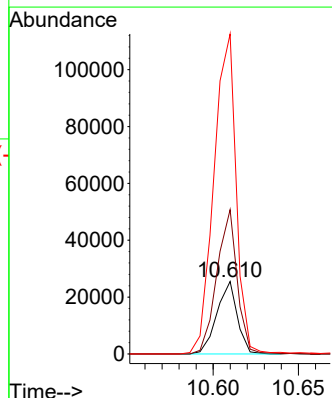
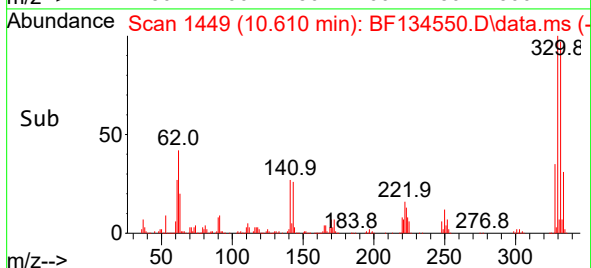
Tgt Ion:198 Resp: 842
Ion Ratio Lower Upper
198 100
51 115.5 38.6 78.6#
105 158.5 27.9 67.9#

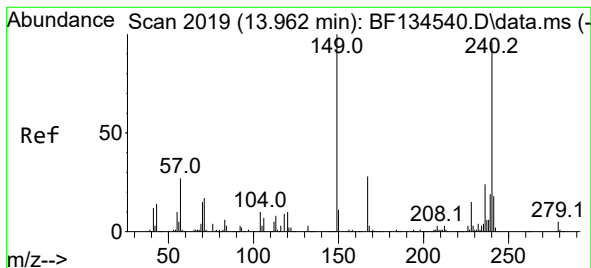


#67
4-Bromophenyl-phenylether
Concen: 3.338 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.253 min
Lab File: BF134550.D
Acq: 01 Aug 2023 16:09



Tgt Ion:248 Resp: 21256
Ion Ratio Lower Upper
248 100
250 199.3 79.6 119.4#
141 441.9 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF134550.D

Acq: 01 Aug 2023 16:09

Instrument :

BNA_F

ClientSampleId :

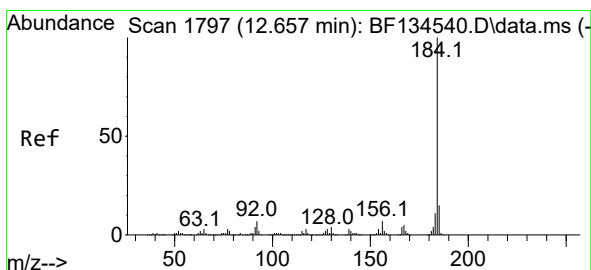
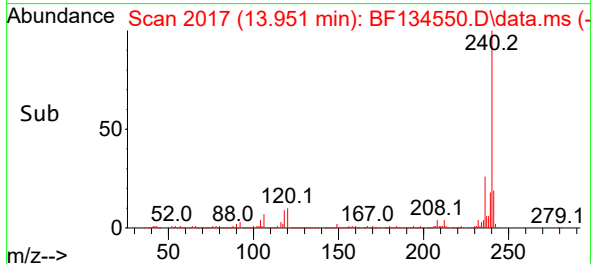
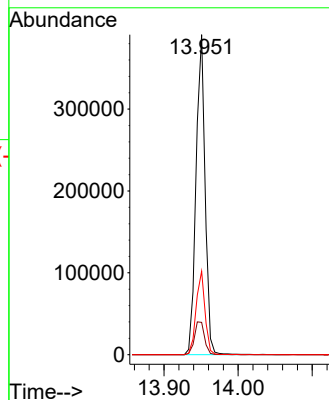
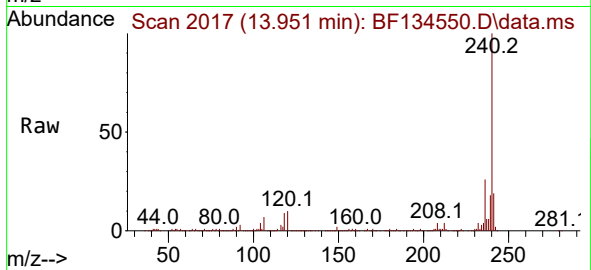
Tgt Ion:240 Resp: 332086

Ion Ratio Lower Upper

240 100

120 10.1 6.6 10.0#

236 26.1 20.2 30.2



#77

Benzdine

Concen: 2.483 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.247 min

Lab File: BF134550.D

Acq: 01 Aug 2023 16:09

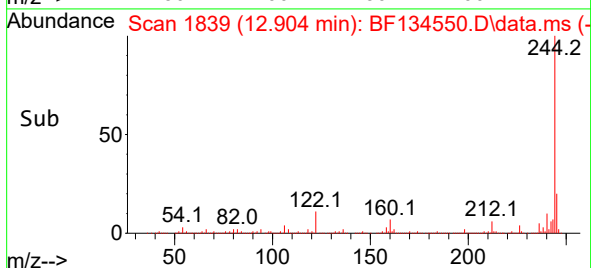
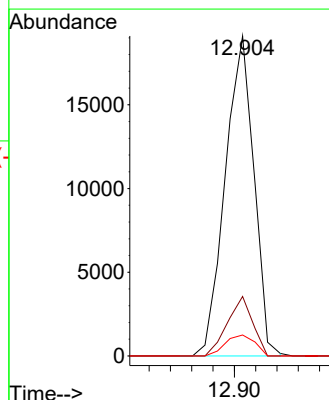
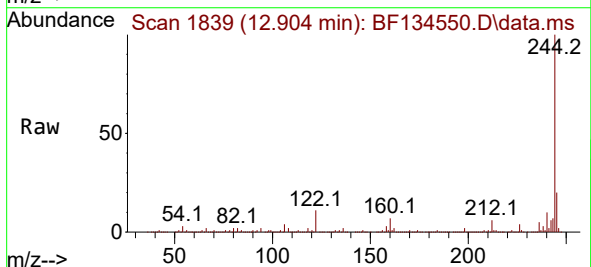
Tgt Ion:184 Resp: 17903

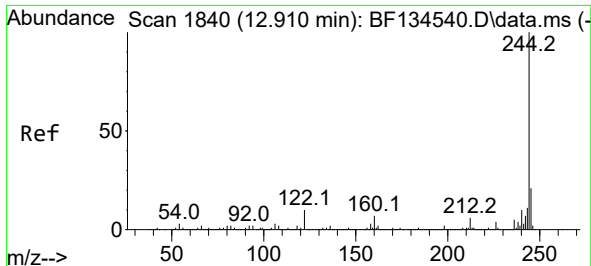
Ion Ratio Lower Upper

184 100

185 18.6 11.2 16.8#

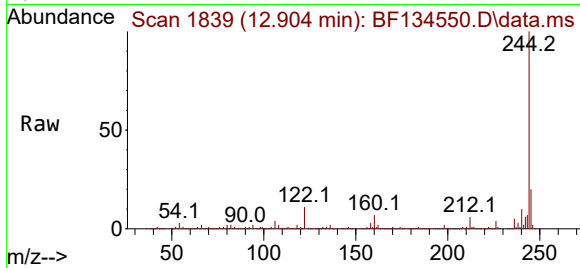
183 6.6 8.6 13.0#



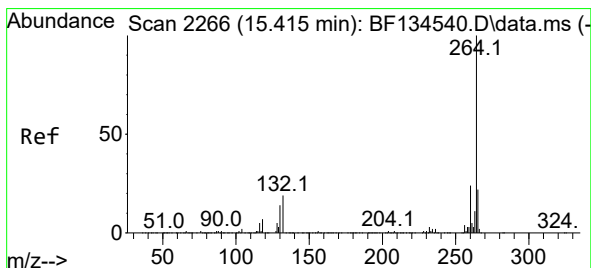
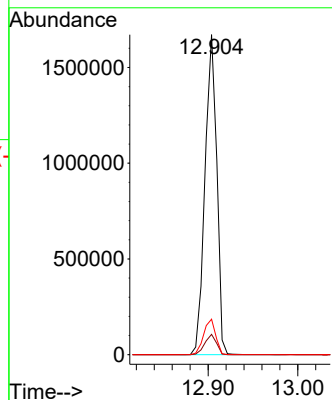
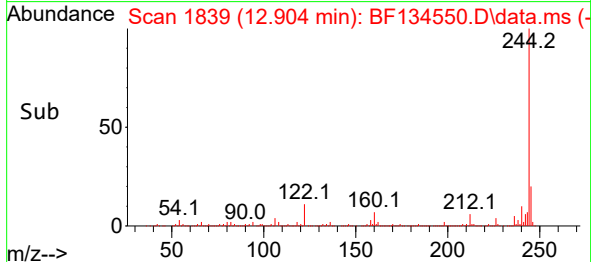


#79
 Terphenyl-d14
 Concen: 80.810 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF134550.D
 Acq: 01 Aug 2023 16:09

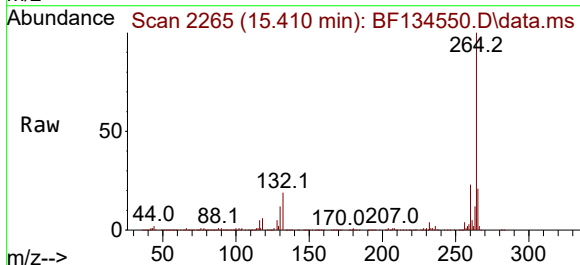
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1522293
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 11.1 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: BF134550.D
 Acq: 01 Aug 2023 16:09



Tgt Ion:264 Resp: 322686
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 21.2 15.8 23.8

