

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134622.D
 Acq On : 04 Aug 2023 09:31
 Operator : CG\JU
 Sample : PB154564BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154564BL

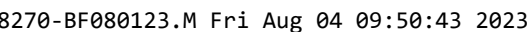
Quant Time: Aug 04 09:50:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

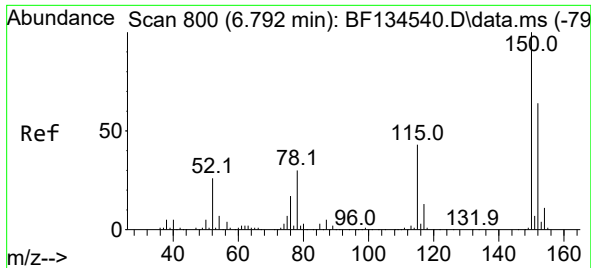
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	199115	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	811026	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	437702	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	851586	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	612340	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	486562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1630680	124.491	ng	0.01
7) Phenol-d6	6.434	99	2052613	122.586	ng	0.00
23) Nitrobenzene-d5	7.357	82	1288056	99.250	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	656374	147.105	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2264765	86.031	ng	0.00
79) Terphenyl-d14	12.921	244	2834076	81.590	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	3068	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	175417	17.498	ng	# 72
25) Isophorone	7.357	82	1271344	44.914	ng	# 65
32) Benzoic acid	7.792	122	57	7.873	ng	# 1
48) 2-Nitroaniline	9.151	65	4081	3.645	ng	# 4
50) Dimethylphthalate	9.833	163	93145	3.122	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	56592	11.273	ng	# 17
57) 2,4-Dinitrotoluene	9.827	165	56592	10.061	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.621	198	1302	9.009	ng	# 1
67) 4-Bromophenyl-phenylether	10.621	248	40105	4.302	ng	# 1

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

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QLast Update : Fri Aug 04 09:29:15 2023
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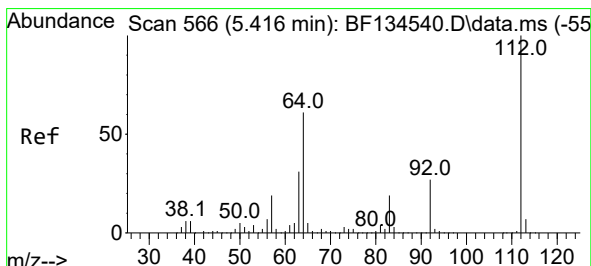
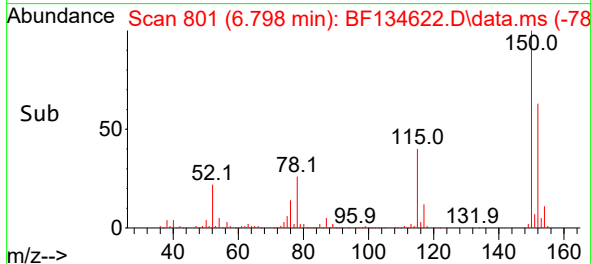
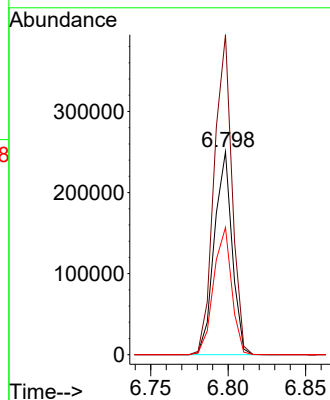
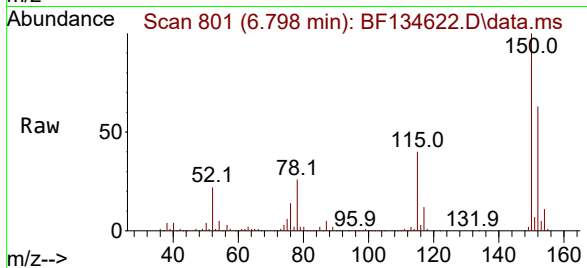




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134622.D
Acq: 04 Aug 2023 09:31

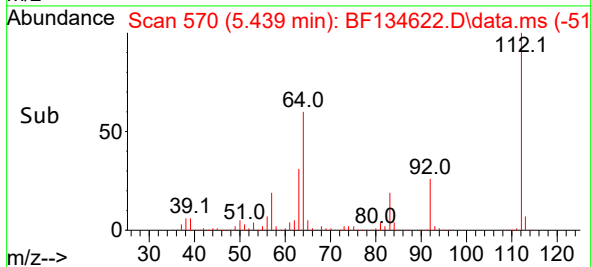
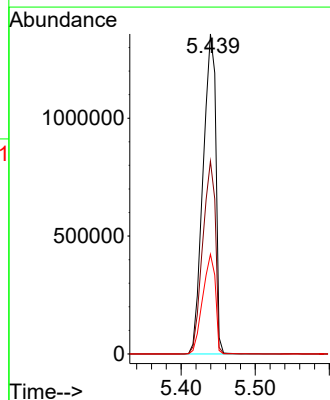
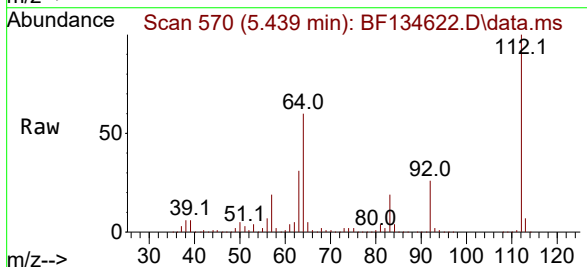
Instrument :
BNA_F
ClientSampleId :
PB154564BL

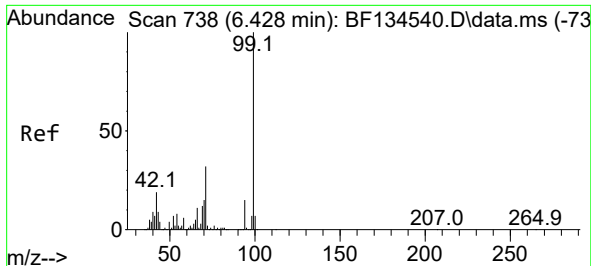
Tgt Ion:152 Resp: 199115
Ion Ratio Lower Upper
152 100
150 157.8 128.3 192.5
115 62.7 52.4 78.6



#5
2-Fluorophenol
Concen: 124.491 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF134622.D
Acq: 04 Aug 2023 09:31

Tgt Ion:112 Resp: 1630680
Ion Ratio Lower Upper
112 100
64 60.2 44.9 67.3
63 31.1 25.4 38.0

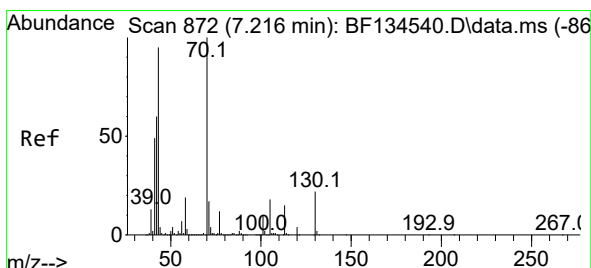
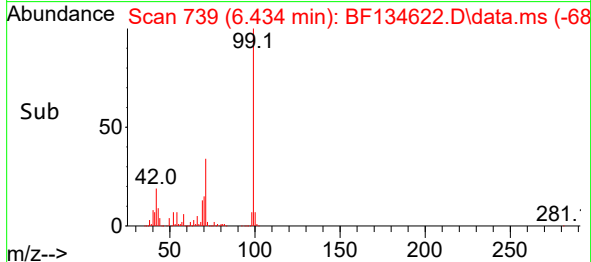
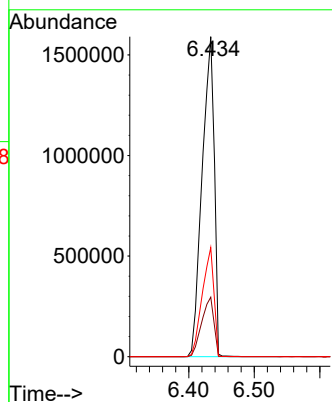
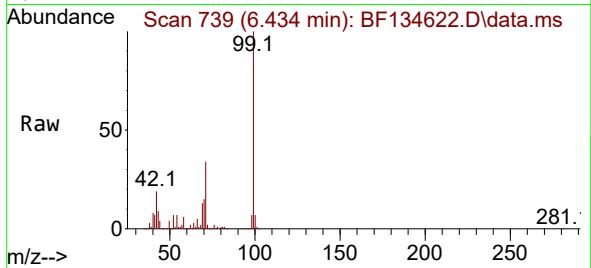




#7
Phenol-d6
Concen: 122.586 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134622.D
Acq: 04 Aug 2023 09:31

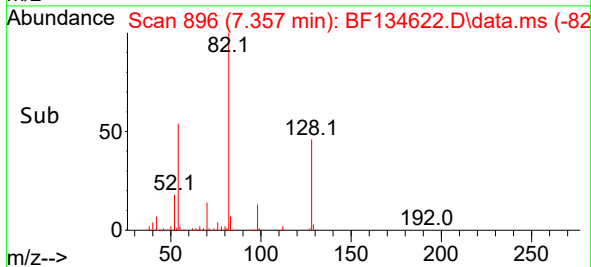
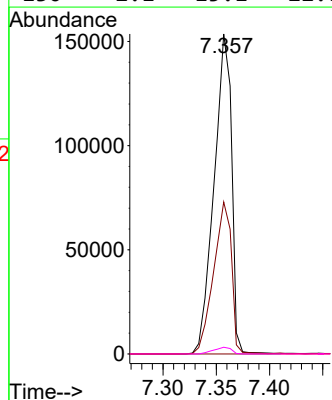
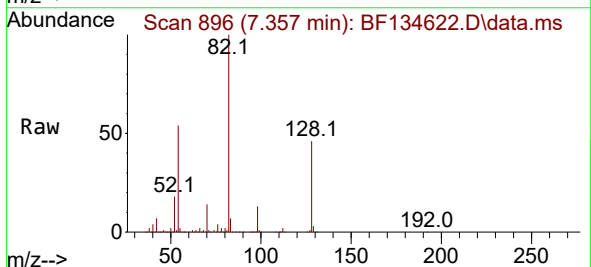
Instrument :
BNA_F
ClientSampleId :
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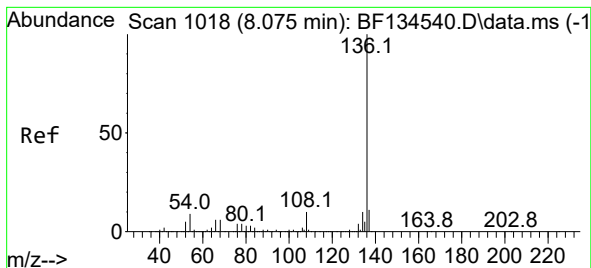
Tgt Ion: 99 Resp: 2052613
Ion Ratio Lower Upper
99 100
42 18.6 18.7 28.1#
71 34.1 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 17.498 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134622.D
Acq: 04 Aug 2023 09:31

Tgt Ion: 70 Resp: 175417
Ion Ratio Lower Upper
70 100
42 47.5 54.7 82.1#
101 0.0 8.2 12.2#
130 2.1 15.1 22.7#

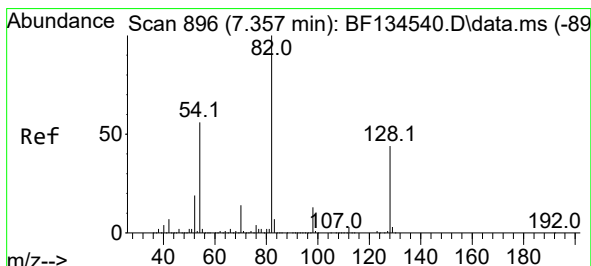
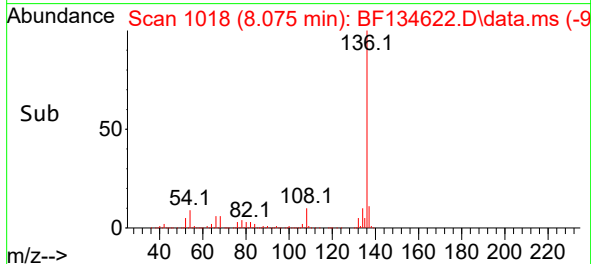
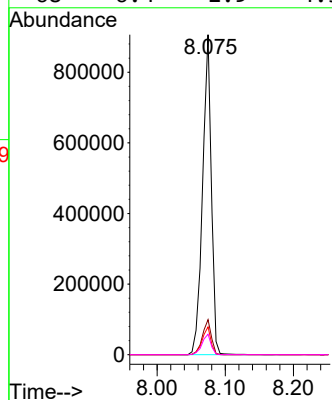
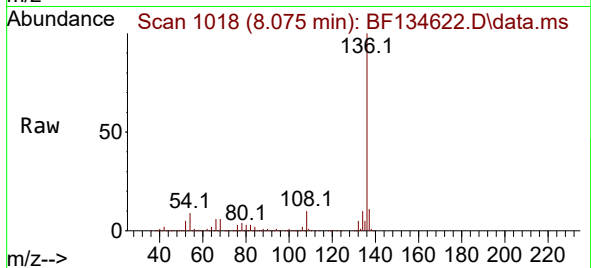




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134622.D
Acq: 04 Aug 2023 09:31

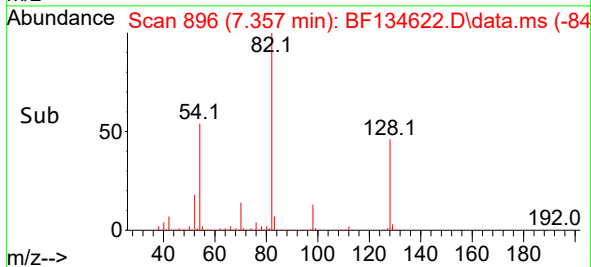
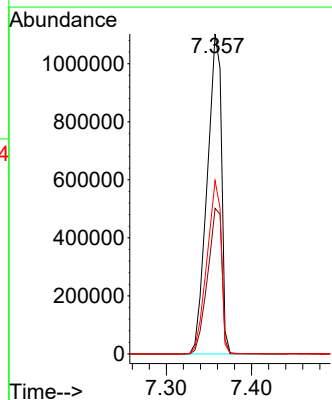
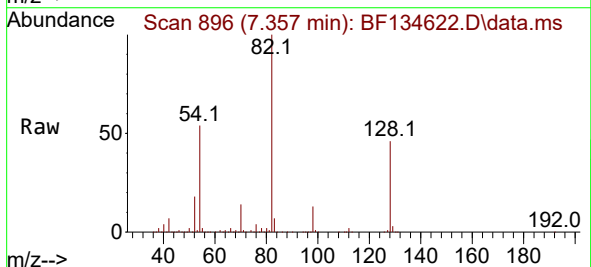
Instrument :
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ClientSampleId :
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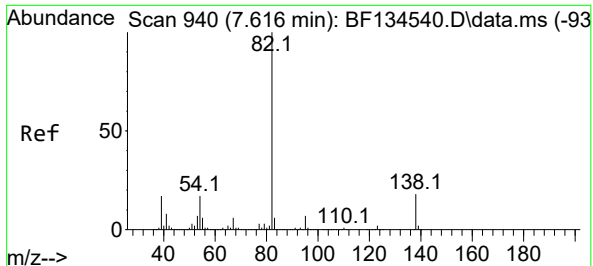
Tgt Ion:136 Resp: 811026
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.7 5.2 7.8#
68 6.4 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 99.250 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134622.D
Acq: 04 Aug 2023 09:31

Tgt Ion: 82 Resp: 1288056
Ion Ratio Lower Upper
82 100
128 45.5 34.3 51.5
54 54.2 43.8 65.6

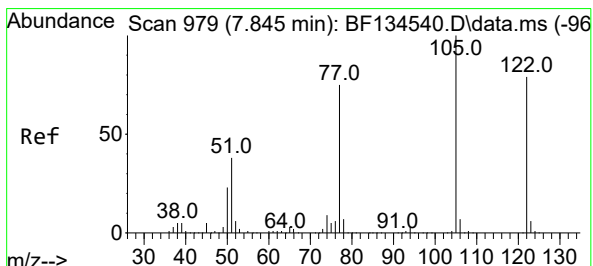
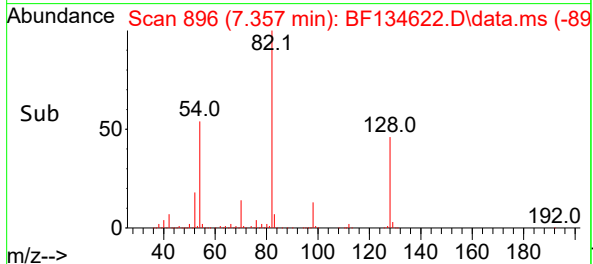
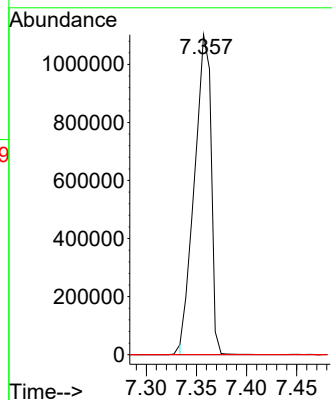
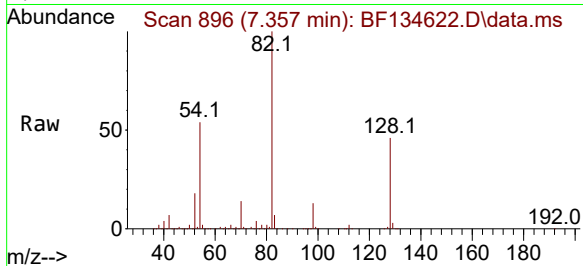




#25
Isophorone
Concen: 44.914 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF134622.D
Acq: 04 Aug 2023 09:31

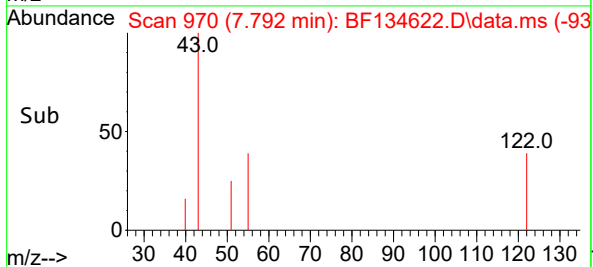
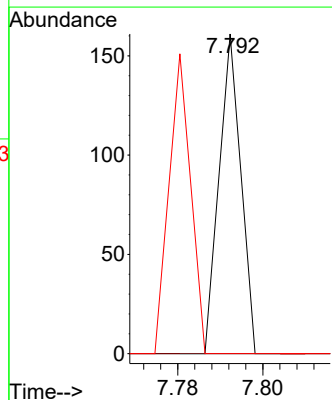
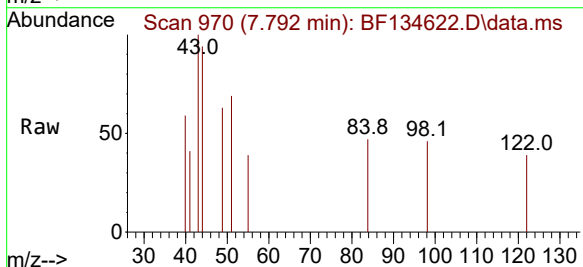
Instrument :
BNA_F
ClientSampleId :
PB154564BL

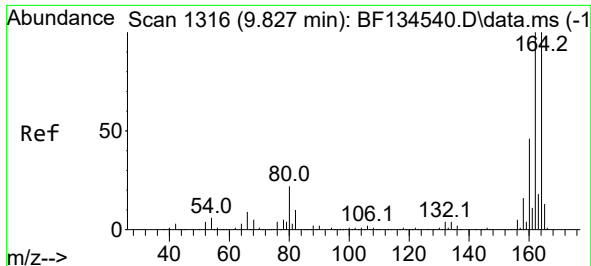
Tgt Ion: 82 Resp: 1271344
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.873 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.071 min
Lab File: BF134622.D
Acq: 04 Aug 2023 09:31

Tgt Ion: 122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 87.5 127.5#
77 0.0 71.4 111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134622.D

Acq: 04 Aug 2023 09:31

Instrument :

BNA_F

ClientSampleId :

PB154564BL

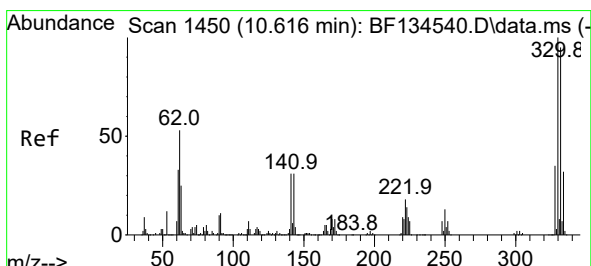
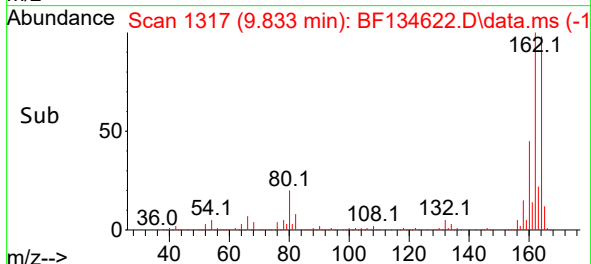
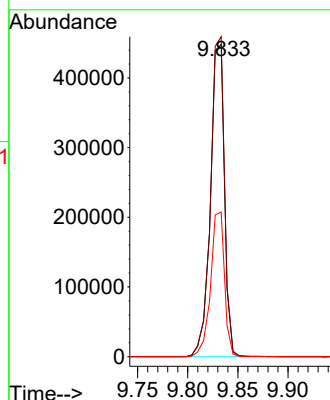
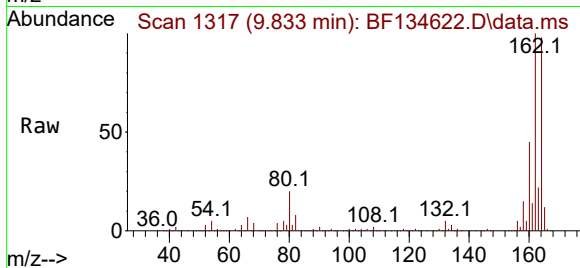
Tgt Ion:164 Resp: 437702

Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

160 46.3 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 147.105 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BF134622.D

Acq: 04 Aug 2023 09:31

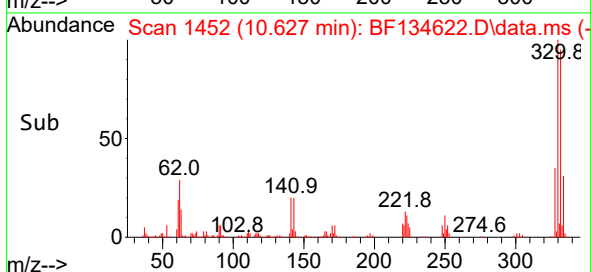
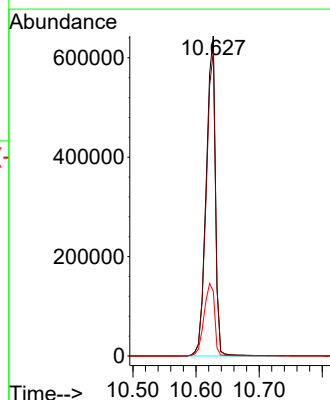
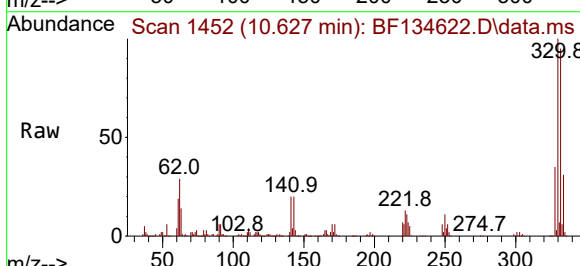
Tgt Ion:330 Resp: 656374

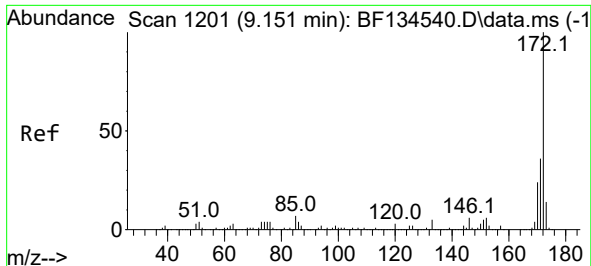
Ion Ratio Lower Upper

330 100

332 95.4 78.8 118.2

141 26.0 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 86.031 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134622.D

Acq: 04 Aug 2023 09:31

Instrument :

BNA_F

ClientSampleId :

PB154564BL

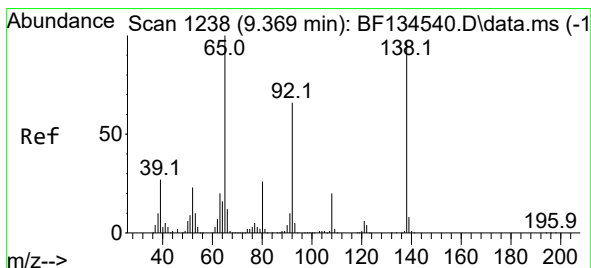
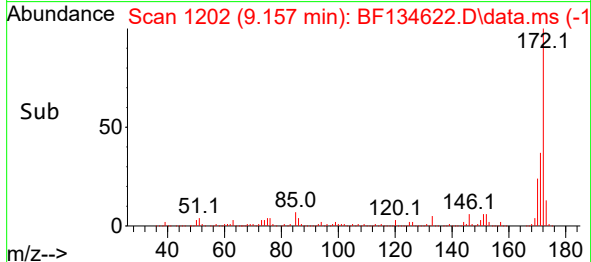
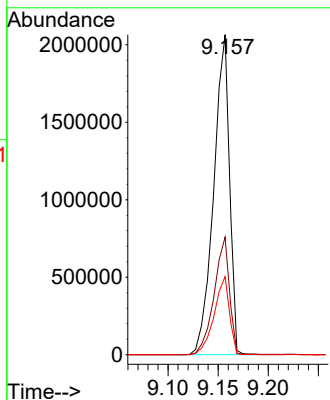
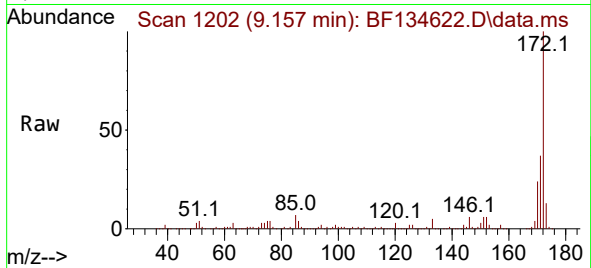
Tgt Ion:172 Resp: 2264765

Ion Ratio Lower Upper

172 100

171 36.8 28.8 43.2

170 24.4 18.7 28.1



#48

2-Nitroaniline

Concen: 3.645 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.229 min

Lab File: BF134622.D

Acq: 04 Aug 2023 09:31

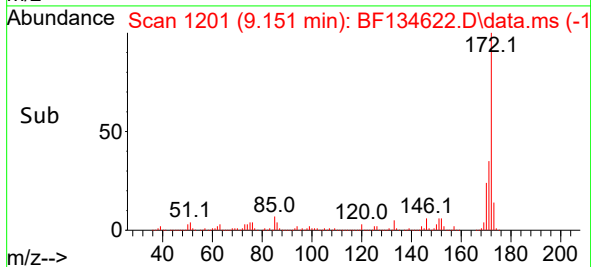
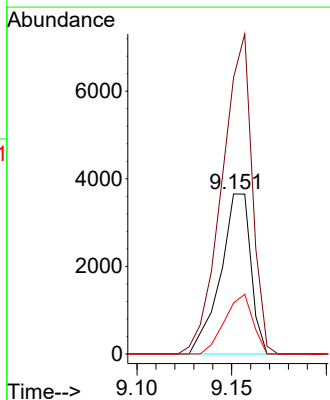
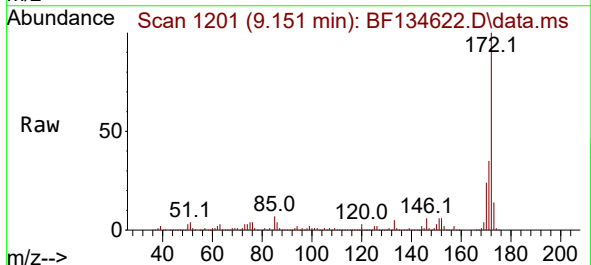
Tgt Ion: 65 Resp: 4081

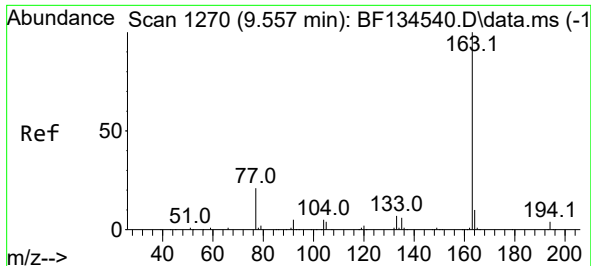
Ion Ratio Lower Upper

65 100

92 172.7 50.7 76.1#

138 31.9 78.2 117.4#

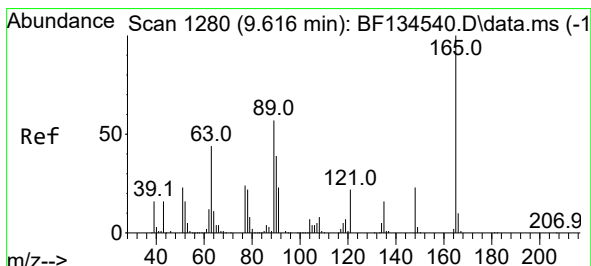
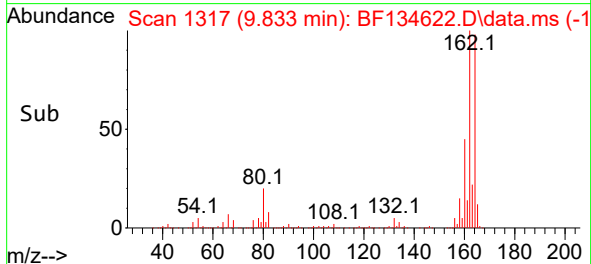
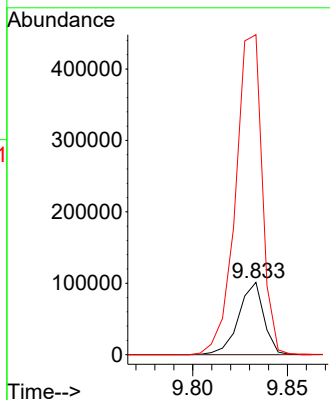
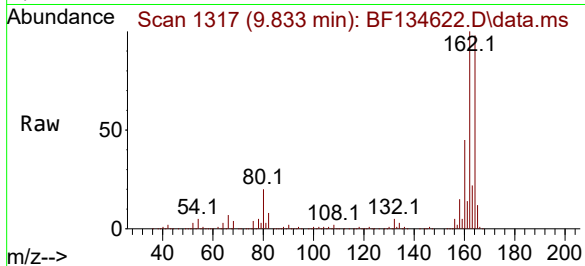




#50
 Dimethylphthalate
 Concen: 3.122 ng
 RT: 9.833 min Scan# 1317
 Delta R.T. 0.265 min
 Lab File: BF134622.D
 Acq: 04 Aug 2023 09:31

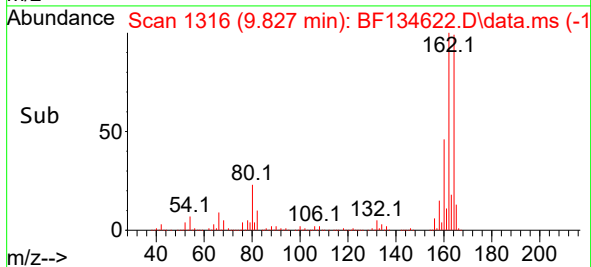
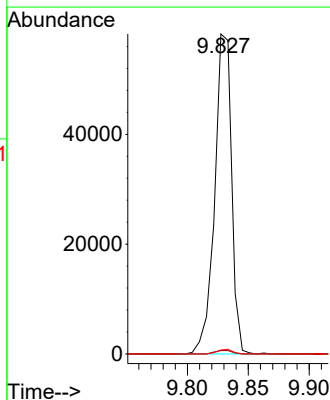
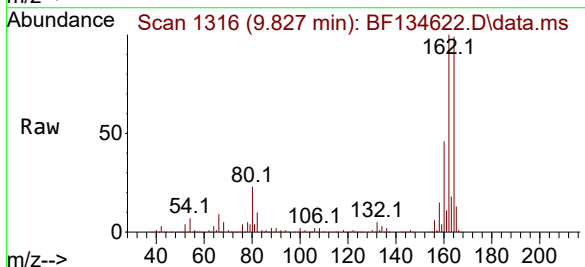
Instrument :
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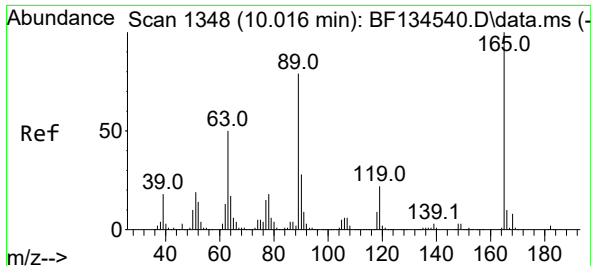
Tgt Ion:163 Resp: 93145
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.3 4.9#
 164 442.9 7.5 11.3#



#51
 2,6-Dinitrotoluene
 Concen: 11.273 ng
 RT: 9.827 min Scan# 1316
 Delta R.T. 0.200 min
 Lab File: BF134622.D
 Acq: 04 Aug 2023 09:31

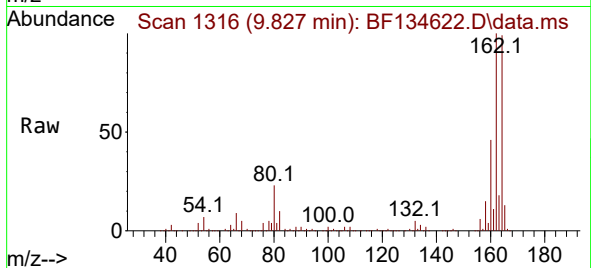
Tgt Ion:165 Resp: 56592
 Ion Ratio Lower Upper
 165 100
 63 1.1 57.8 86.6#
 89 1.2 51.8 77.8#



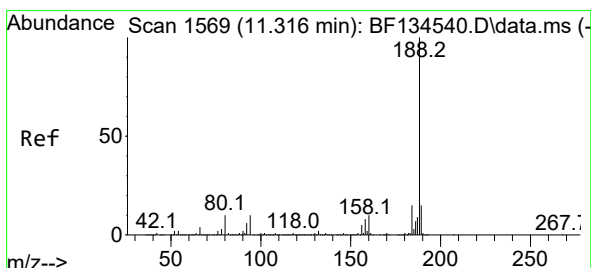
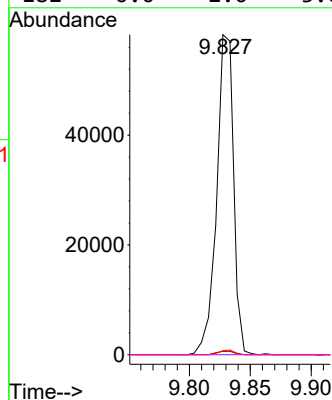
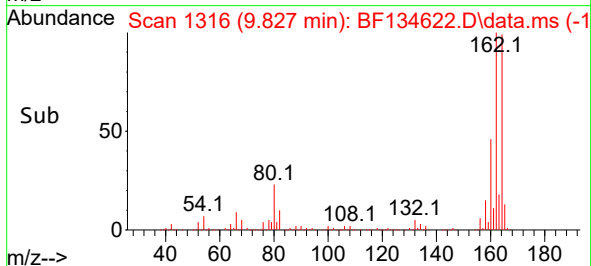


#57
2,4-Dinitrotoluene
Concen: 10.061 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF134622.D
Acq: 04 Aug 2023 09:31

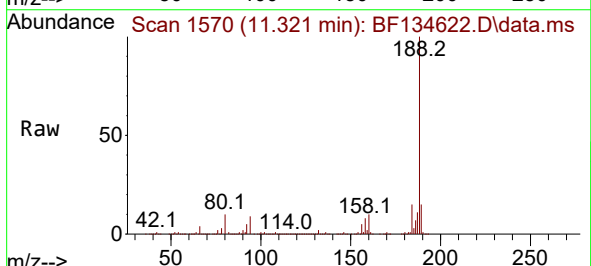
Instrument :
BNA_F
ClientSampleId :
PB154564BL



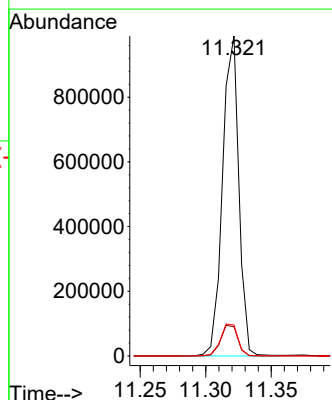
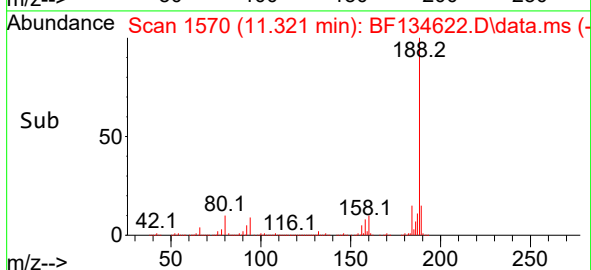
Tgt Ion:165 Resp: 56592
Ion Ratio Lower Upper
165 100
63 1.1 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#

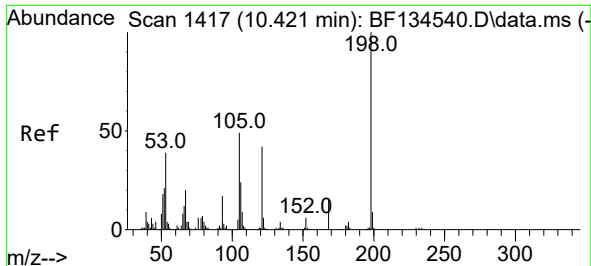


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF134622.D
Acq: 04 Aug 2023 09:31



Tgt Ion:188 Resp: 851586
Ion Ratio Lower Upper
188 100
94 9.1 5.1 7.7#
80 9.7 6.6 9.8





#65

4,6-Dinitro-2-methylphenol

Concen: 9.009 ng

RT: 10.621 min Scan# 1417

Delta R.T. 0.182 min

Lab File: BF134622.D

Acq: 04 Aug 2023 09:31

Instrument :

BNA_F

ClientSampleId :

PB154564BL

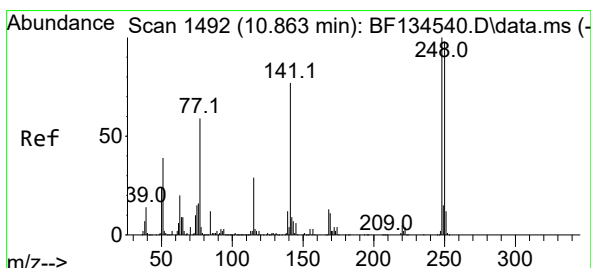
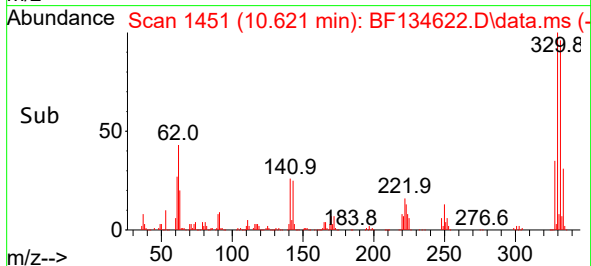
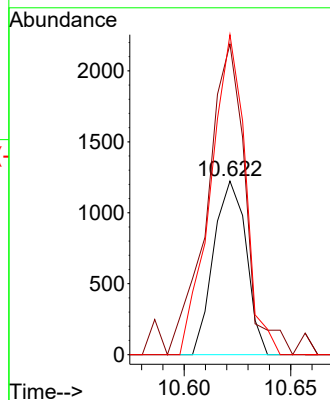
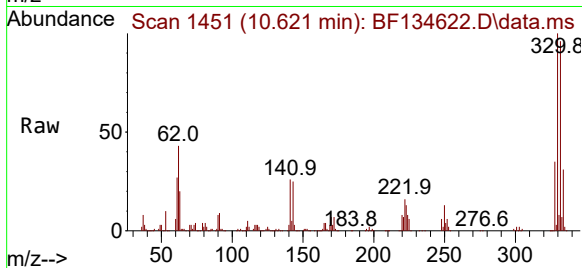
Tgt Ion:198 Resp: 1302

Ion Ratio Lower Upper

198 100

51 179.1 38.6 78.6#

105 184.4 27.9 67.9#



#67

4-Bromophenyl-phenylether

Concen: 4.302 ng

RT: 10.621 min Scan# 1451

Delta R.T. -0.247 min

Lab File: BF134622.D

Acq: 04 Aug 2023 09:31

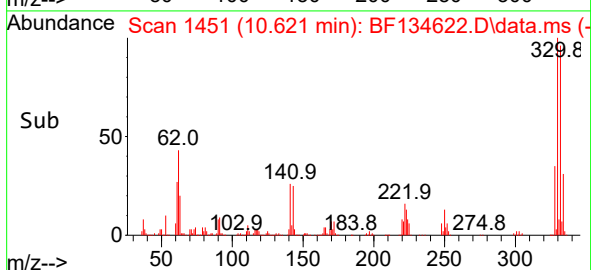
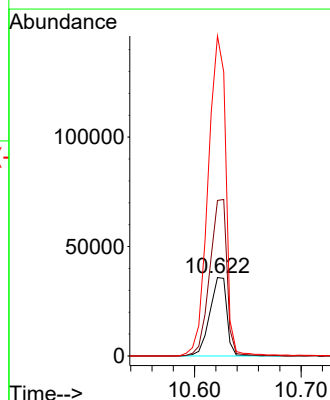
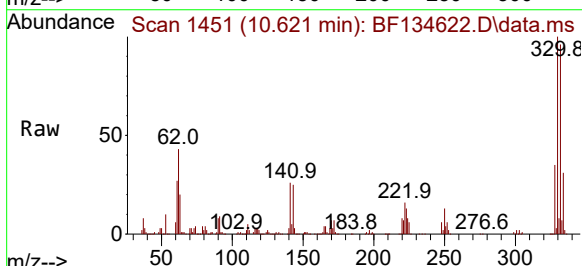
Tgt Ion:248 Resp: 40105

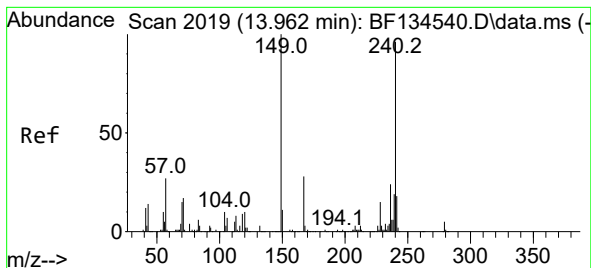
Ion Ratio Lower Upper

248 100

250 198.5 79.6 119.4#

141 408.1 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134622.D

Acq: 04 Aug 2023 09:31

Instrument :

BNA_F

ClientSampleId :

PB154564BL

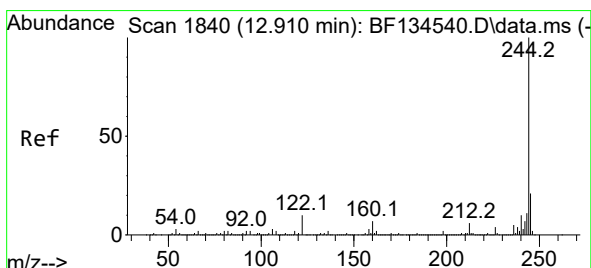
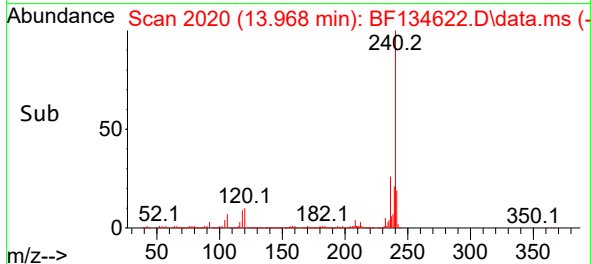
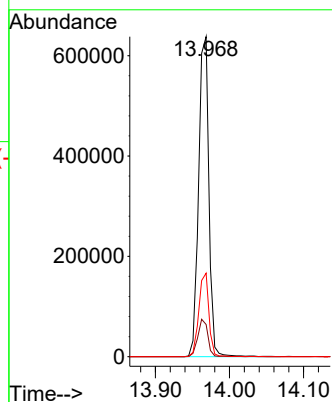
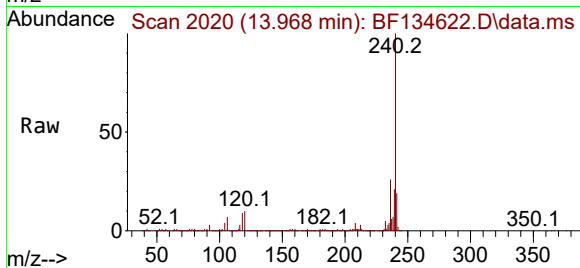
Tgt Ion:240 Resp: 612340

Ion Ratio Lower Upper

240 100

120 10.0 6.6 10.0#

236 26.1 20.2 30.2



#79

Terphenyl-d14

Concen: 81.590 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF134622.D

Acq: 04 Aug 2023 09:31

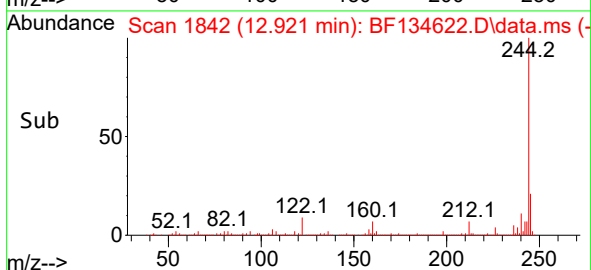
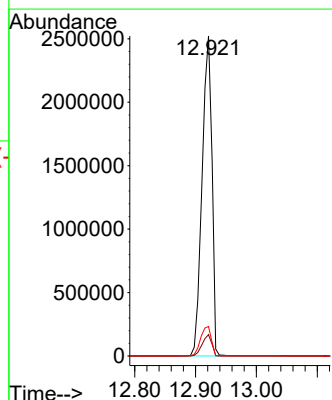
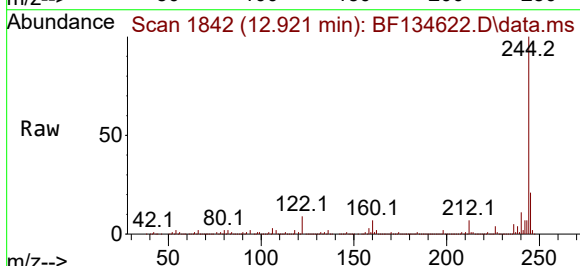
Tgt Ion:244 Resp: 2834076

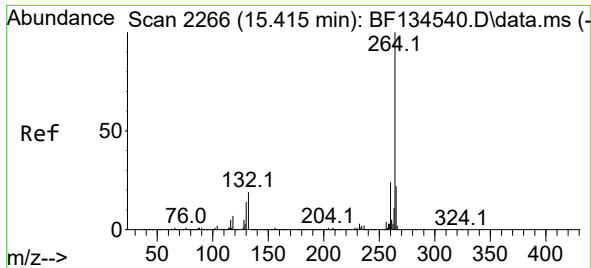
Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

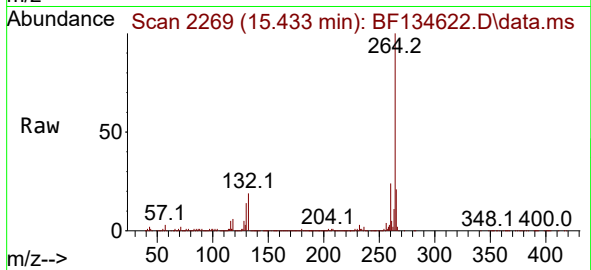
122 9.2 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134622.D
Acq: 04 Aug 2023 09:31

Instrument :
BNA_F
ClientSampleId :
PB154564BL



Tgt Ion:264 Resp: 486562
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.3 15.8 23.8

