

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110723\
 Data File : BF136177.D
 Acq On : 07 Nov 2023 15:47
 Operator : CG\JU
 Sample : PB156921BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156921BL

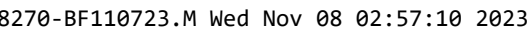
Quant Time: Nov 08 02:57:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 02:12:01 2023
 Response via : Initial Calibration

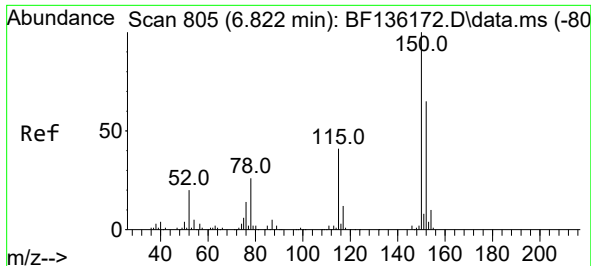
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	92028	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	367949	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	188969	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	341560	20.000	ng	0.00
76) Chrysene-d12	14.004	240	196372	20.000	ng	0.00
86) Perylene-d12	15.492	264	181071	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	725672	125.554	ng	0.01
7) Phenol-d6	6.451	99	891315	125.322	ng	0.00
23) Nitrobenzene-d5	7.381	82	571281	86.641	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	259719	131.228	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1087912	85.101	ng	0.00
79) Terphenyl-d14	12.951	244	1174267	84.882	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	75969	18.504	ng	# 78
25) Isophorone	7.381	82	570036	50.095	ng	# 64
50) Dimethylphthalate	9.857	163	39149	3.066	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	24146	8.715	ng	# 22
57) 2,4-Dinitrotoluene	9.857	165	24146	6.862	ng	# 28
65) 4,6-Dinitro-2-methylph...	10.651	198	588	4.982	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	16103	4.233	ng	# 1
77) Benzidine	12.951	184	15445	4.542	ng	# 93

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

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QLast Update : Wed Nov 08 02:12:01 2023
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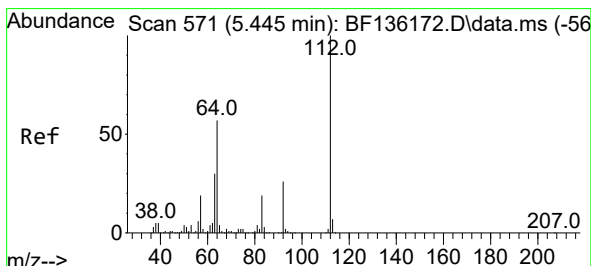
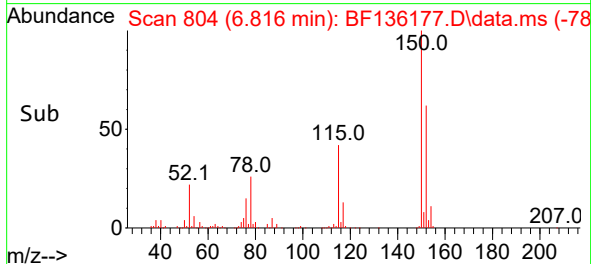
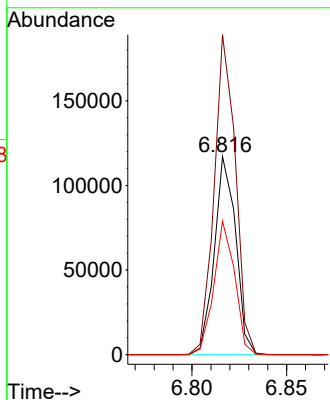
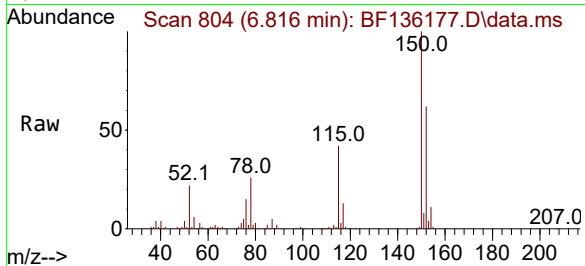




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BF136177.D
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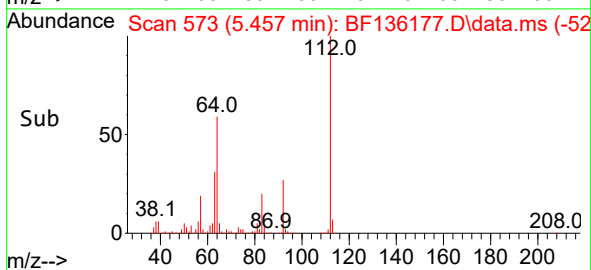
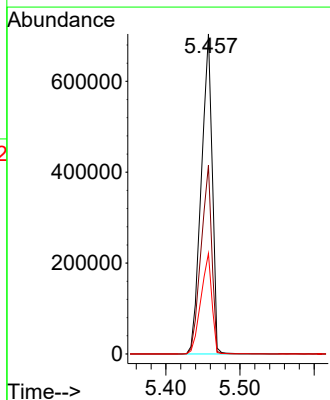
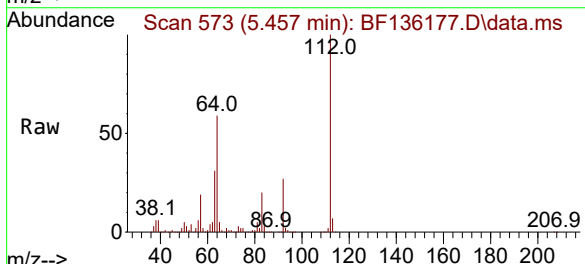
Instrument :
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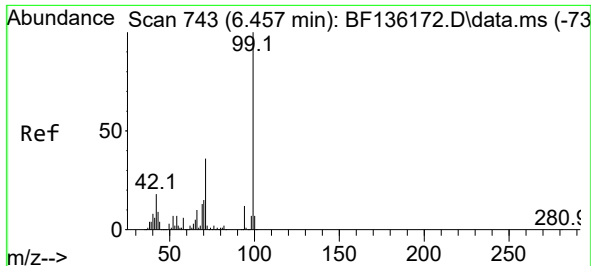
Tgt Ion:152 Resp: 92028
 Ion Ratio Lower Upper
 152 100
 150 161.6 123.1 184.7
 115 67.4 50.5 75.7



#5
 2-Fluorophenol
 Concen: 125.554 ng
 RT: 5.457 min Scan# 573
 Delta R.T. 0.012 min
 Lab File: BF136177.D
 Acq: 07 Nov 2023 15:47

Tgt Ion:112 Resp: 725672
 Ion Ratio Lower Upper
 112 100
 64 58.9 45.4 68.0
 63 31.4 24.4 36.6

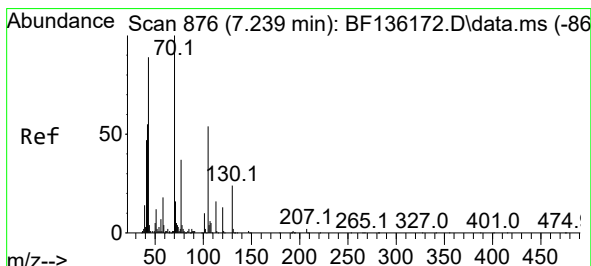
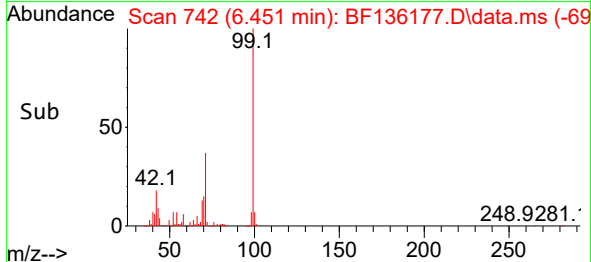
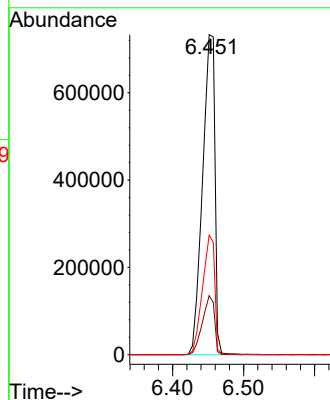
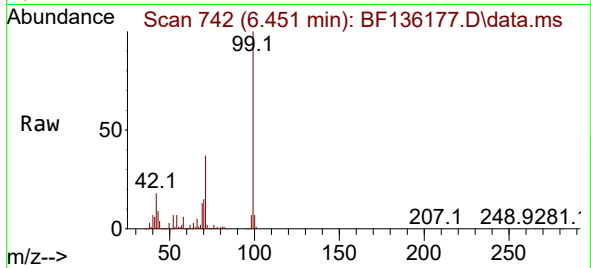




#7
Phenol-d6
Concen: 125.322 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136177.D
Acq: 07 Nov 2023 15:47

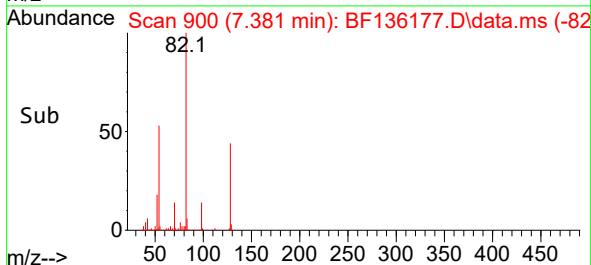
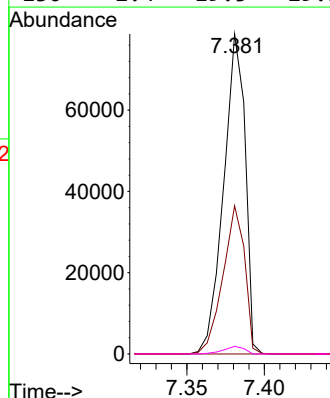
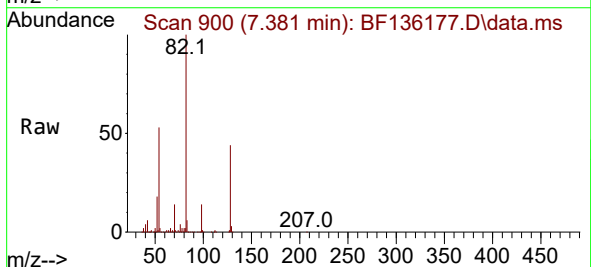
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ClientSampleId :
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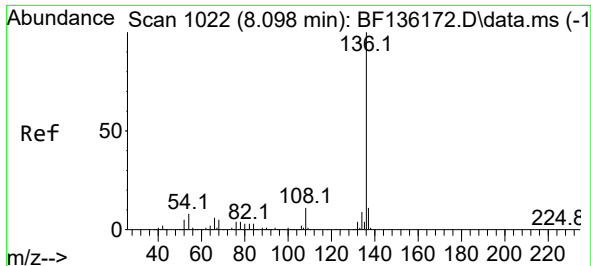
Tgt Ion: 99 Resp: 891315
Ion Ratio Lower Upper
99 100
42 18.4 14.1 21.1
71 37.3 29.0 43.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.504 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF136177.D
Acq: 07 Nov 2023 15:47

Tgt Ion: 70 Resp: 75969
Ion Ratio Lower Upper
70 100
42 46.3 43.9 65.9
101 0.0 8.1 12.1#
130 2.4 19.5 29.3#

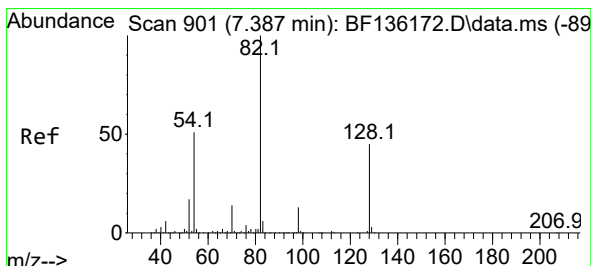
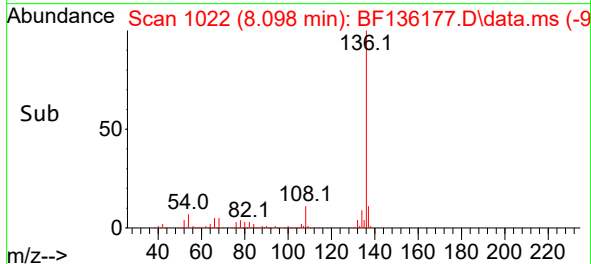
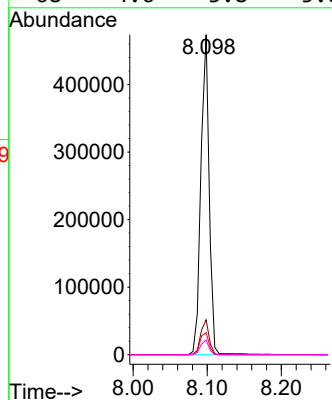
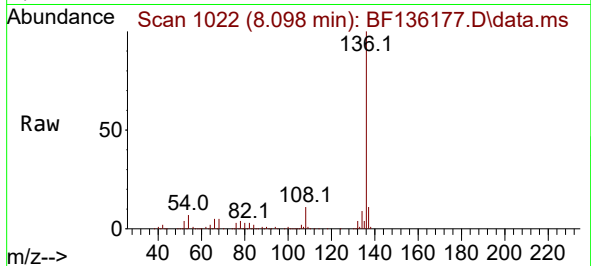




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF136177.D
Acq: 07 Nov 2023 15:47

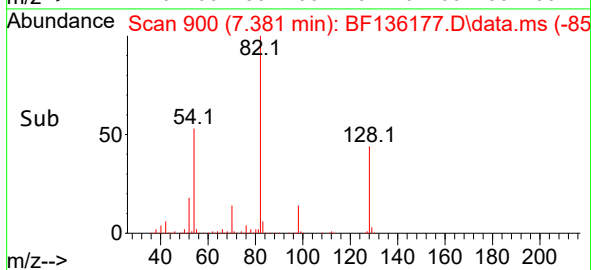
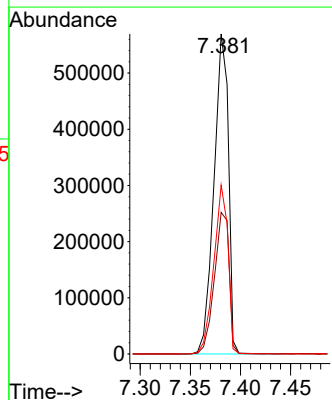
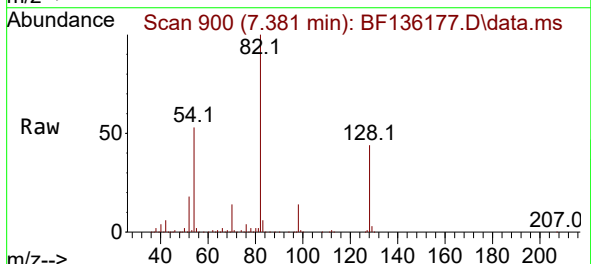
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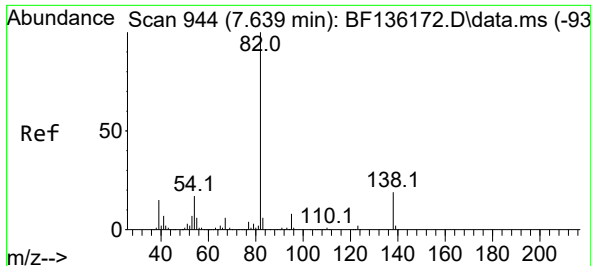
Tgt Ion:136 Resp: 367949
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.9 6.3 9.5
68 4.6 3.8 5.8



#23
Nitrobenzene-d5
Concen: 86.641 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF136177.D
Acq: 07 Nov 2023 15:47

Tgt Ion: 82 Resp: 571281
Ion Ratio Lower Upper
82 100
128 44.3 35.8 53.6
54 52.8 40.6 60.8

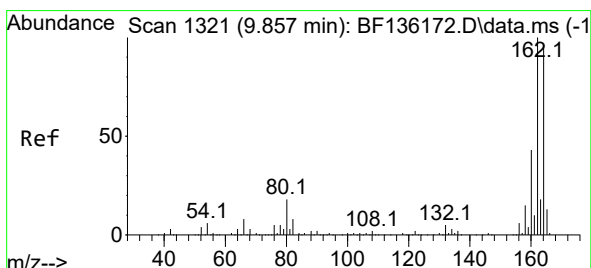
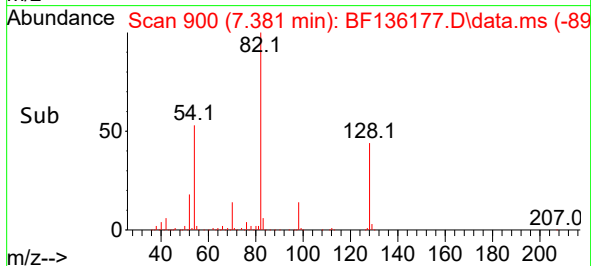
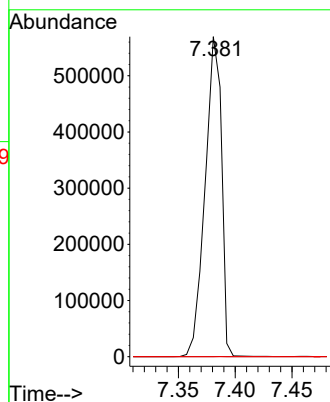
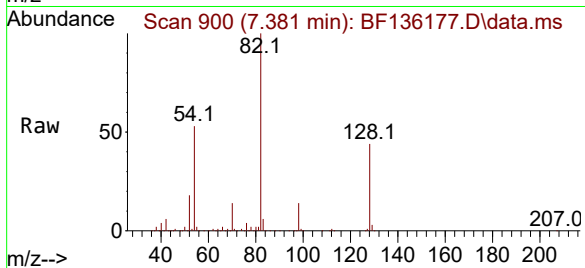




#25
Isophorone
Concen: 50.095 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.259 min
Lab File: BF136177.D
Acq: 07 Nov 2023 15:47

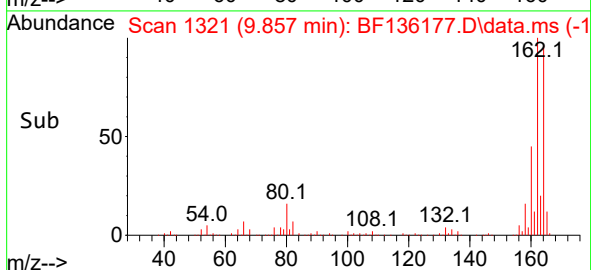
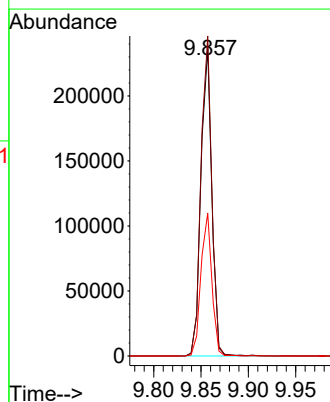
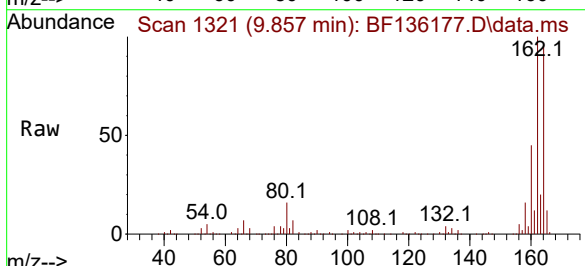
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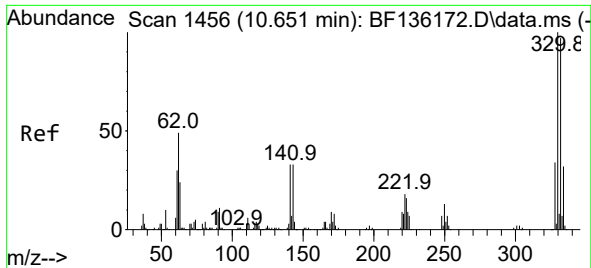
Tgt Ion: 82 Resp: 570036
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF136177.D
Acq: 07 Nov 2023 15:47

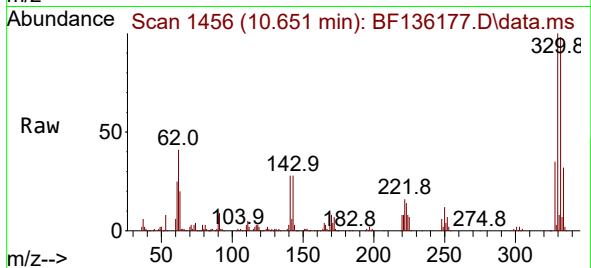
Tgt Ion:164 Resp: 188969
Ion Ratio Lower Upper
164 100
162 104.0 83.2 124.8
160 46.5 35.8 53.8



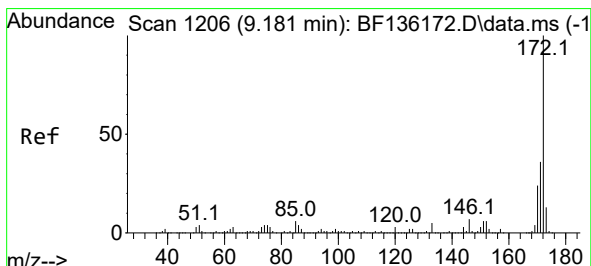
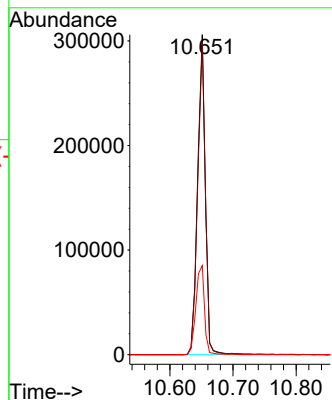
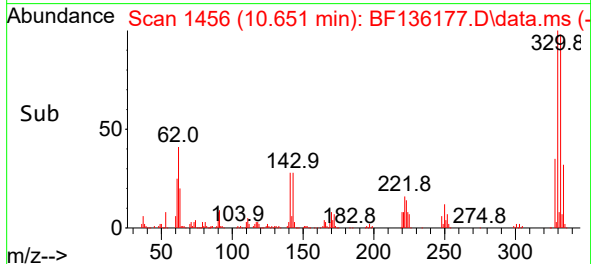


#42
2,4,6-Tribromophenol
Concen: 131.228 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF136177.D
Acq: 07 Nov 2023 15:47

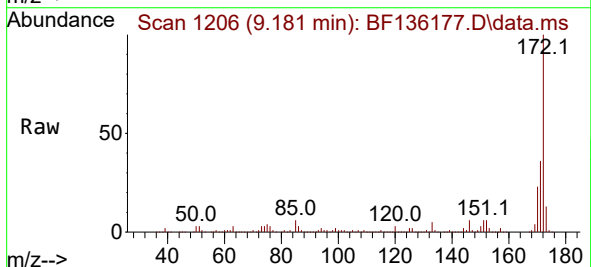
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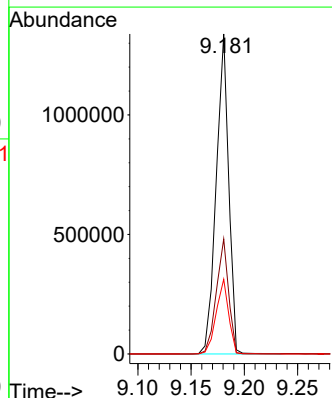
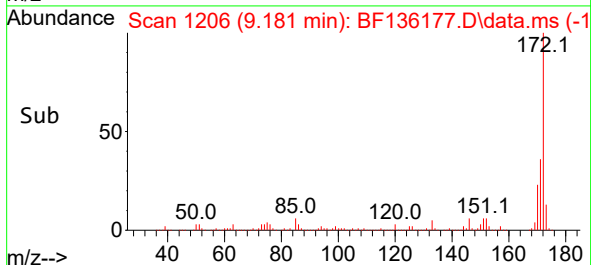
Tgt Ion:330 Resp: 259719
Ion Ratio Lower Upper
330 100
332 97.5 77.6 116.4
141 31.1 25.8 38.6

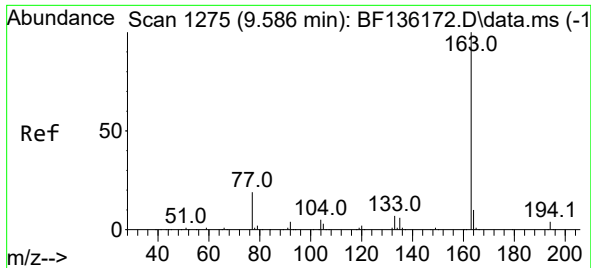


#45
2-Fluorobiphenyl
Concen: 85.101 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF136177.D
Acq: 07 Nov 2023 15:47



Tgt Ion:172 Resp: 1087912
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.4 19.1 28.7

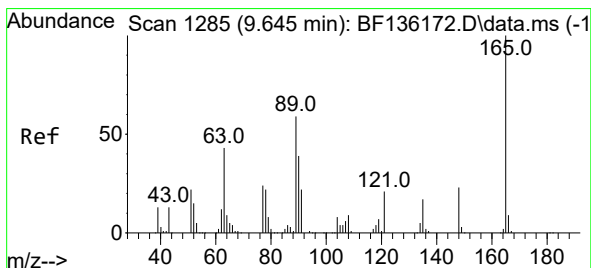
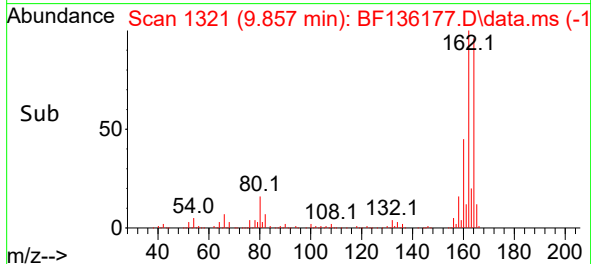
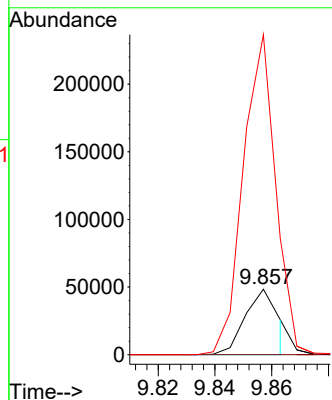
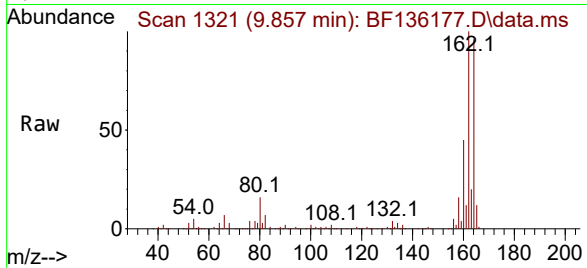




#50
Dimethylphthalate
Concen: 3.066 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.271 min
Lab File: BF136177.D
Acq: 07 Nov 2023 15:47

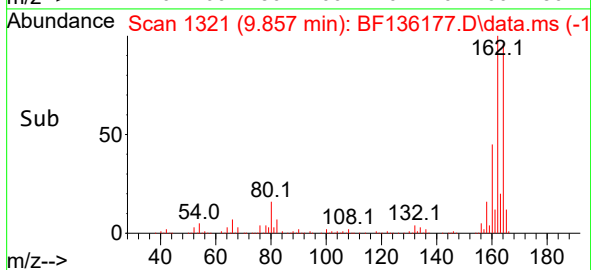
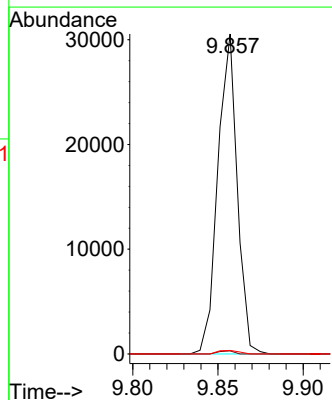
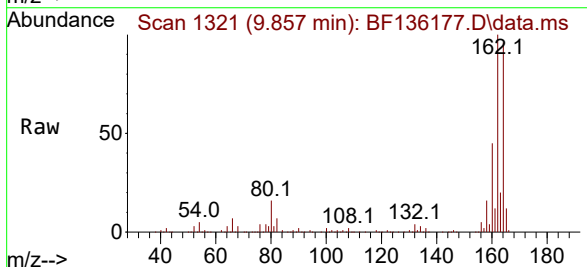
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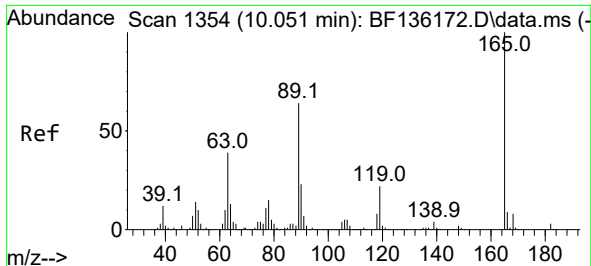
Tgt Ion:163 Resp: 39149
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 489.1 7.8 11.8#



#51
2,6-Dinitrotoluene
Concen: 8.715 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF136177.D
Acq: 07 Nov 2023 15:47

Tgt Ion:165 Resp: 24146
Ion Ratio Lower Upper
165 100
63 0.9 48.0 72.0#
89 1.1 47.2 70.8#

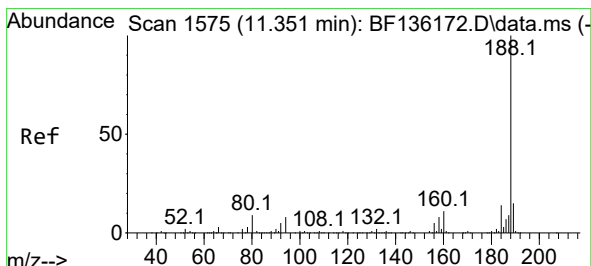
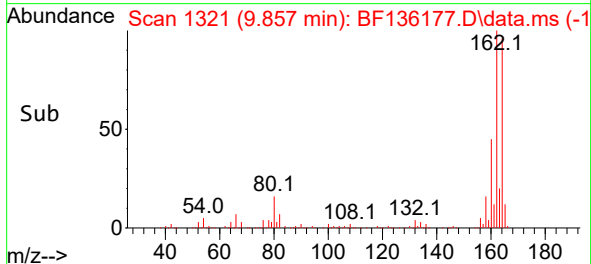
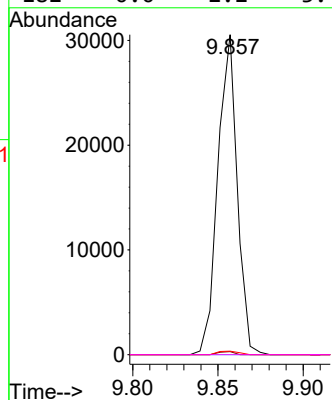
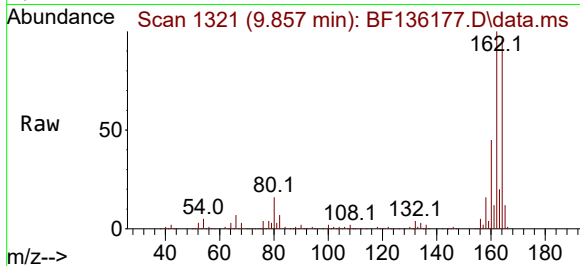




#57
2,4-Dinitrotoluene
Concen: 6.862 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF136177.D
Acq: 07 Nov 2023 15:47

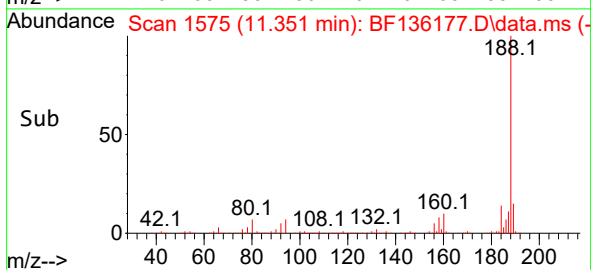
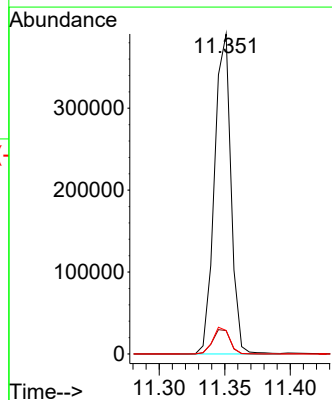
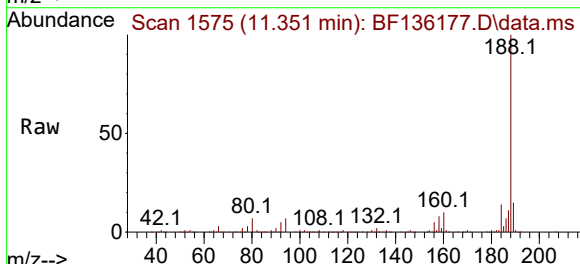
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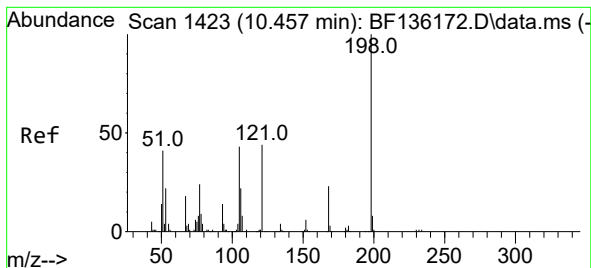
Tgt Ion:165 Resp: 24146
Ion Ratio Lower Upper
165 100
63 0.9 31.4 47.0#
89 1.1 51.6 77.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF136177.D
Acq: 07 Nov 2023 15:47

Tgt Ion:188 Resp: 341560
Ion Ratio Lower Upper
188 100
94 7.3 6.6 9.8
80 7.3 7.3 10.9

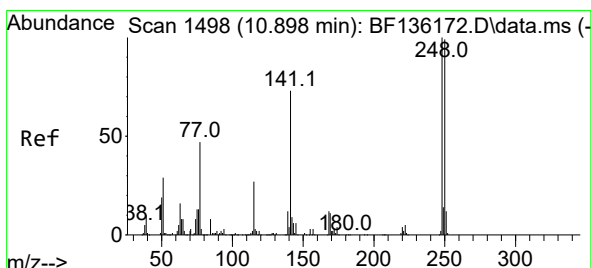
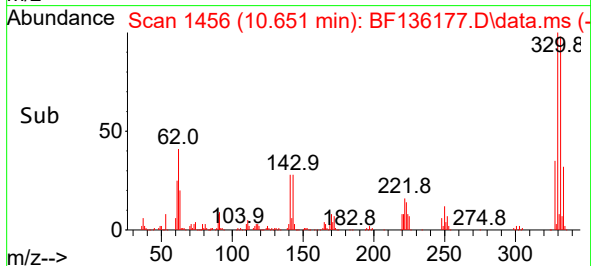
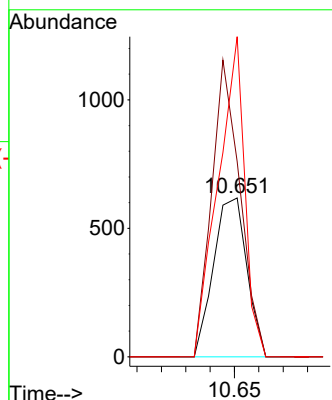
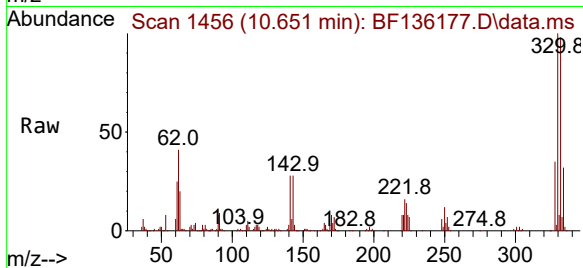




#65
4,6-Dinitro-2-methylphenol
Concen: 4.982 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.194 min
Lab File: BF136177.D
Acq: 07 Nov 2023 15:47

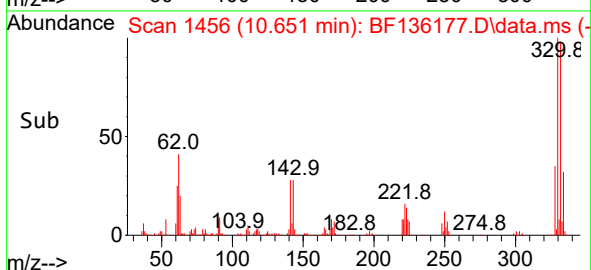
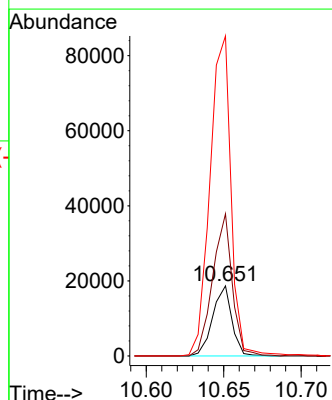
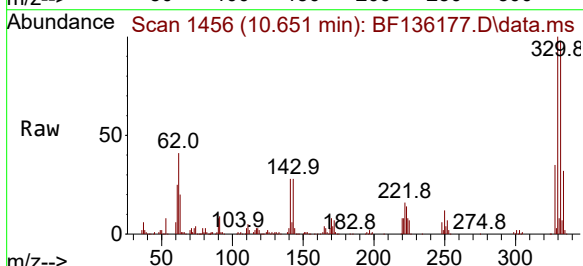
Instrument :
BNA_F
ClientSampleId :
PB156921BL

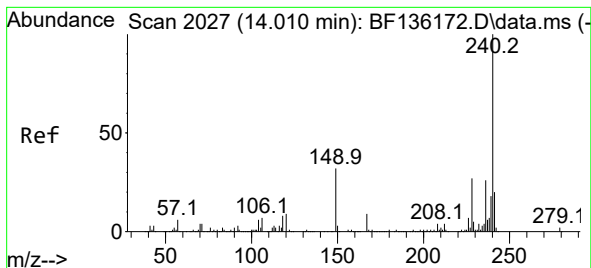
Tgt Ion:198 Resp: 588
Ion Ratio Lower Upper
198 100
51 123.0 27.3 67.3#
105 201.6 24.2 64.2#



#67
4-Bromophenyl-phenylether
Concen: 4.233 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF136177.D
Acq: 07 Nov 2023 15:47

Tgt Ion:248 Resp: 16103
Ion Ratio Lower Upper
248 100
250 202.7 79.0 118.4#
141 456.4 58.8 88.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136177.D

Acq: 07 Nov 2023 15:47

Instrument :

BNA_F

ClientSampleId :

PB156921BL

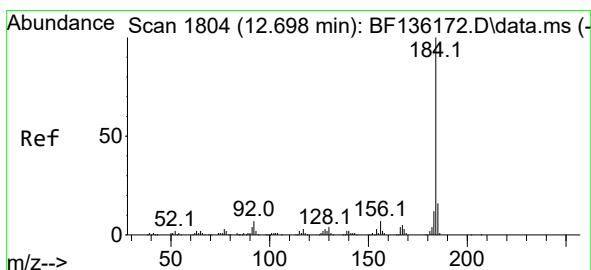
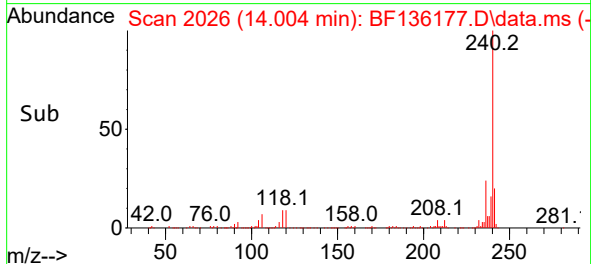
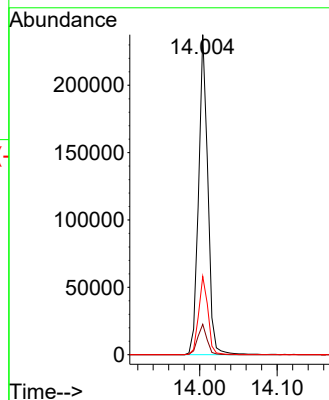
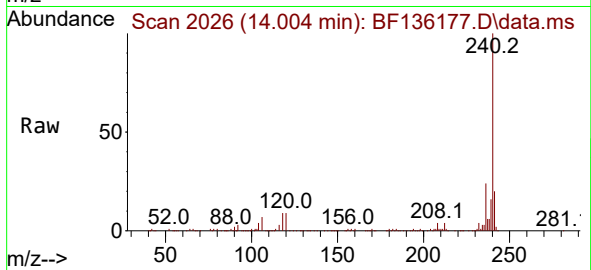
Tgt Ion:240 Resp: 196372

Ion Ratio Lower Upper

240 100

120 9.5 7.1 10.7

236 24.4 20.9 31.3



#77

Benzidine

Concen: 4.542 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.253 min

Lab File: BF136177.D

Acq: 07 Nov 2023 15:47

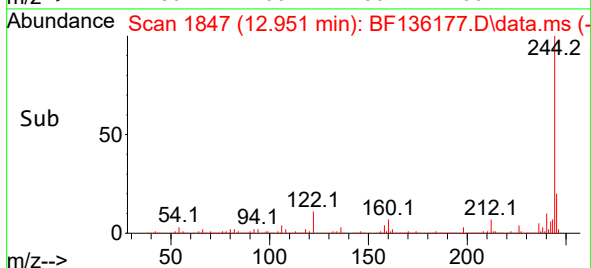
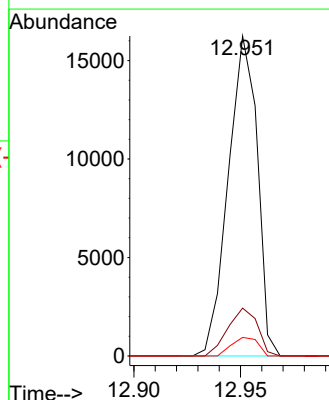
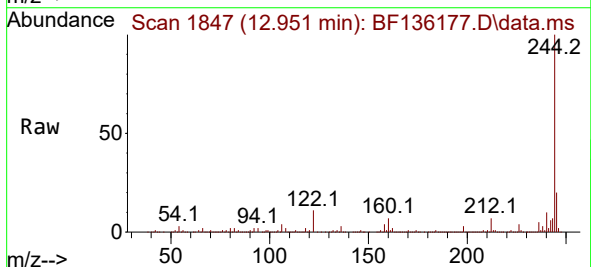
Tgt Ion:184 Resp: 15445

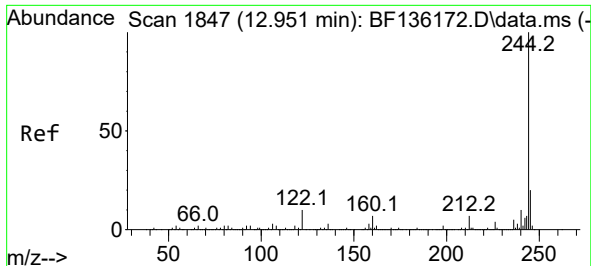
Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

183 5.8 9.2 13.8#

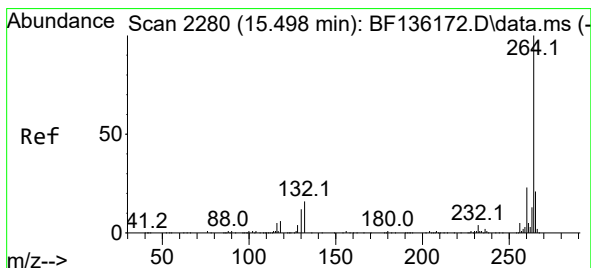
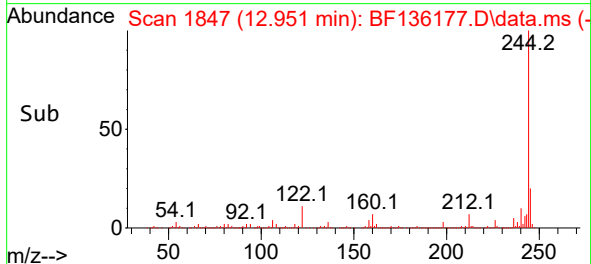
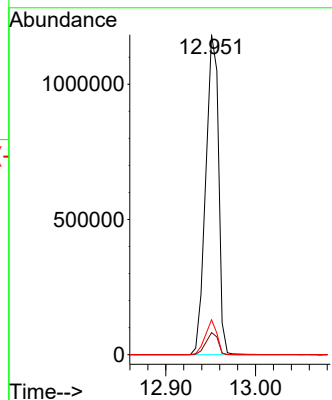
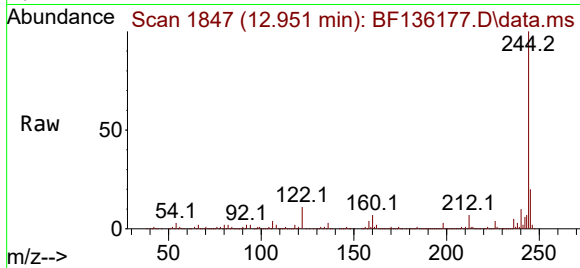




#79
 Terphenyl-d14
 Concen: 84.882 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136177.D
 Acq: 07 Nov 2023 15:47

Instrument :
 BNA_F
 ClientSampleId :
 PB156921BL

Tgt Ion:244 Resp: 1174267
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.9 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF136177.D
 Acq: 07 Nov 2023 15:47

Tgt Ion:264 Resp: 181071
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.5 27.7
 265 20.9 16.9 25.3

