

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129984.D
 Acq On : 24 Aug 2022 22:07
 Operator : CG\JU
 Sample : N4262-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1021

Quant Time: Aug 25 04:16:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 04:08:38 2022
 Response via : Initial Calibration

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

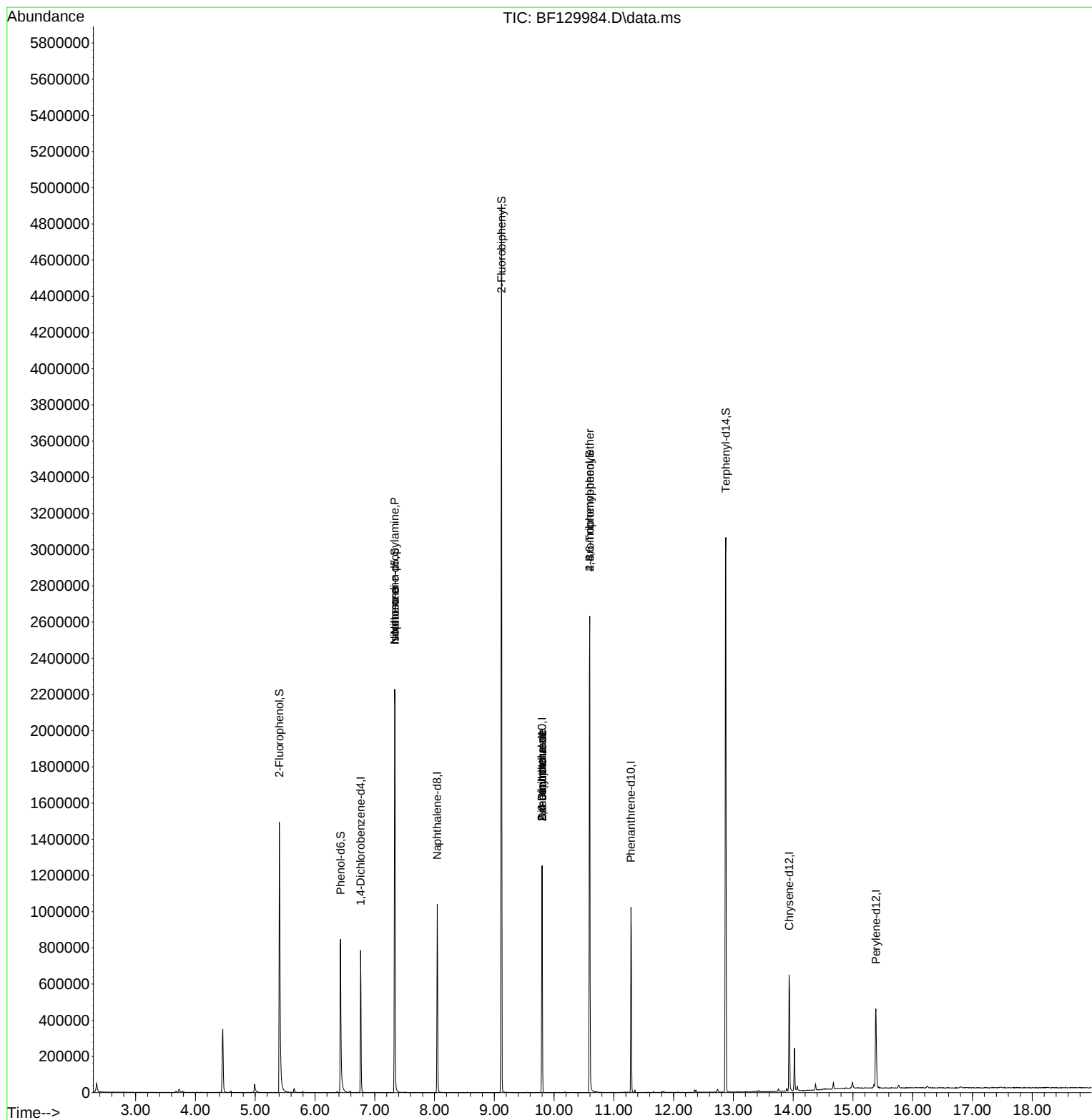
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	108113	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	436666	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	223084	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	351287	20.000	ng	0.00
76) Chrysene-d12	13.933	240	211916	20.000	ng	0.00
86) Perylene-d12	15.386	264	203455	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	444051	68.004	ng	0.00
7) Phenol-d6	6.428	99	337440	41.267	ng	0.00
23) Nitrobenzene-d5	7.333	82	760515	93.233	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	290410	129.706	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1347617	91.749	ng	0.00
79) Terphenyl-d14	12.874	244	1057748	83.053	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.422	77	581	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.333	70	102834	19.896	ng	# 78
25) Isophorone	7.333	82	760507	54.168	ng	# 65
50) Dimethylphthalate	9.798	163	38797	2.426	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	29278	8.440	ng	# 23
57) 2,4-Dinitrotoluene	9.798	165	29278	6.501	ng	# 18
67) 4-Bromophenyl-phenylether	10.598	248	18665	4.536	ng	# 1
77) Benzidine	12.874	184	16041	Below Cal	#	93

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

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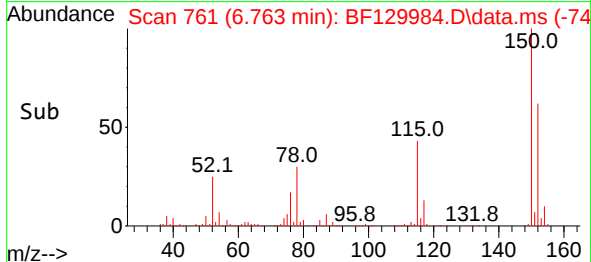
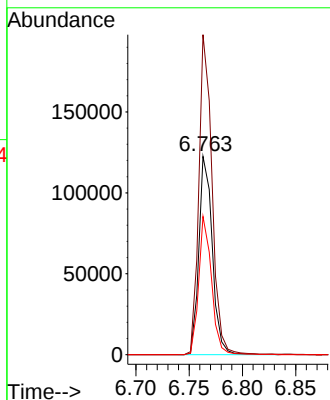
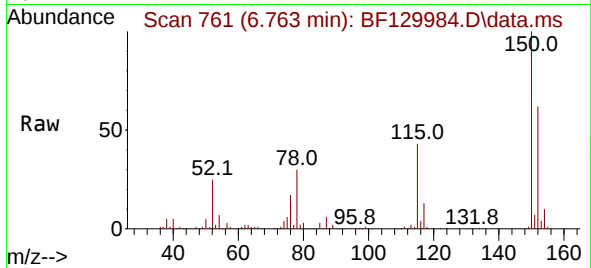




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129984.D
Acq: 24 Aug 2022 22:07

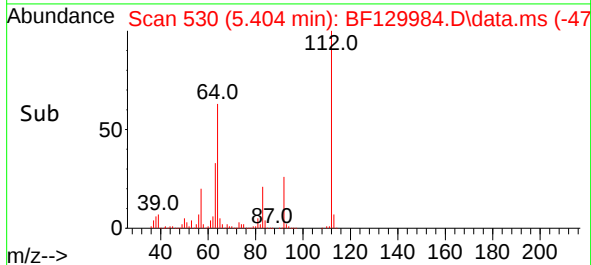
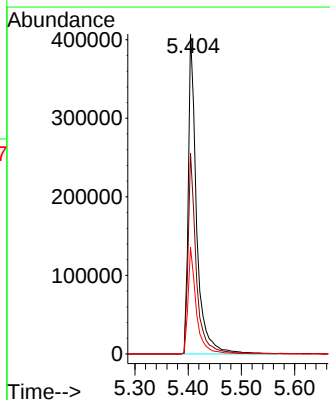
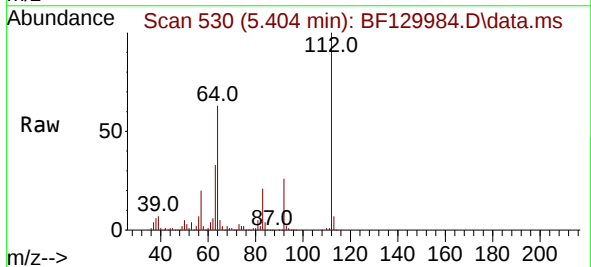
Instrument :
BNA_F
ClientSampleId :
MW-102I

Tgt Ion:152 Resp: 108113
Ion Ratio Lower Upper
152 100
150 161.4 126.9 190.3
115 69.7 53.4 80.0



#5
2-Fluorophenol
Concen: 68.004 ng
RT: 5.404 min Scan# 530
Delta R.T. -0.000 min
Lab File: BF129984.D
Acq: 24 Aug 2022 22:07

Tgt Ion:112 Resp: 444051
Ion Ratio Lower Upper
112 100
64 62.8 47.6 71.4
63 33.3 24.6 37.0

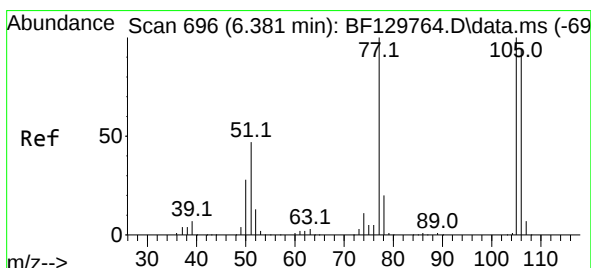
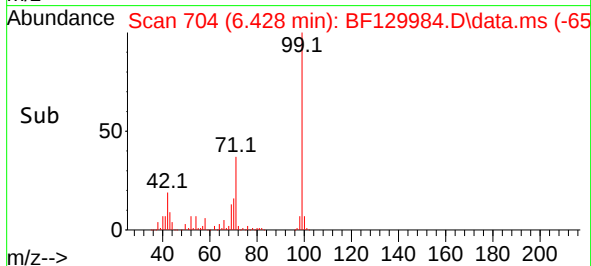
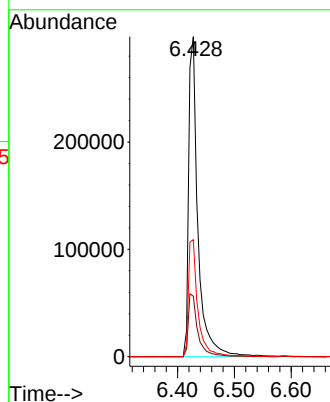
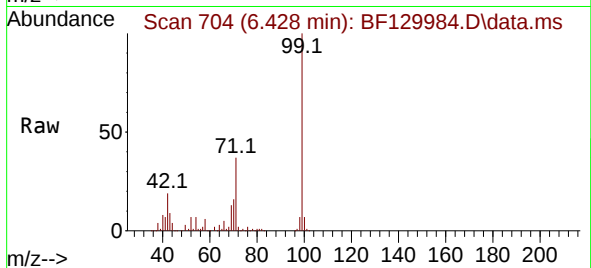




#7
Phenol-d6
Concen: 41.267 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF129984.D
Acq: 24 Aug 2022 22:07

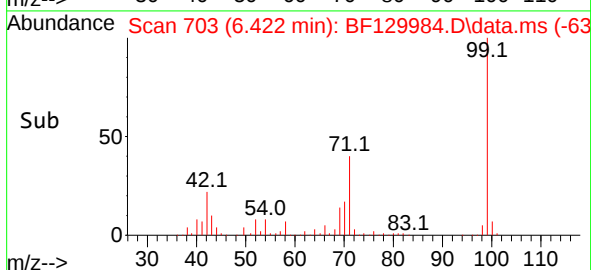
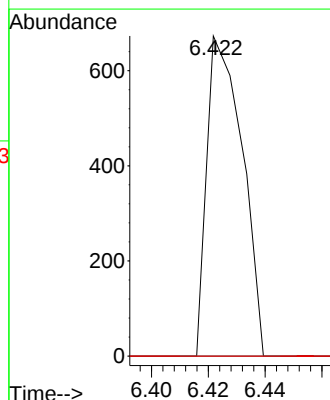
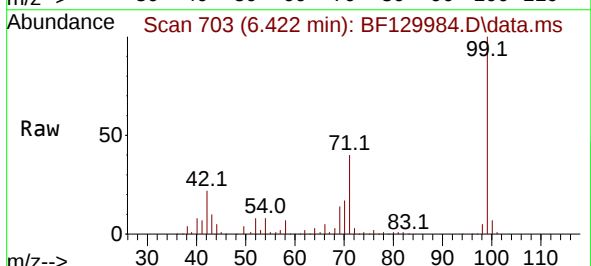
Instrument :
BNA_F
ClientSampleId :
MW-102I

Tgt Ion: 99 Resp: 337440
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 36.6 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.422 min Scan# 703
Delta R.T. 0.094 min
Lab File: BF129984.D
Acq: 24 Aug 2022 22:07

Tgt Ion: 77 Resp: 581
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

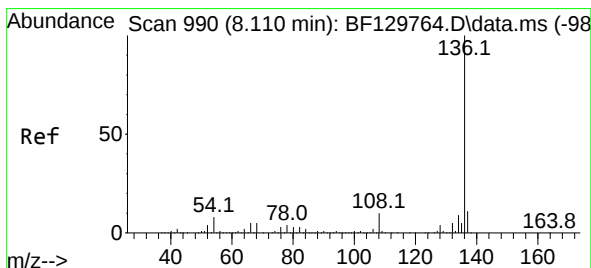
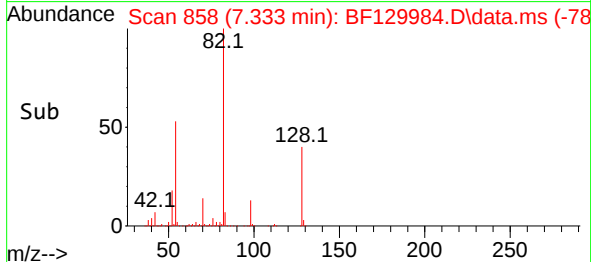
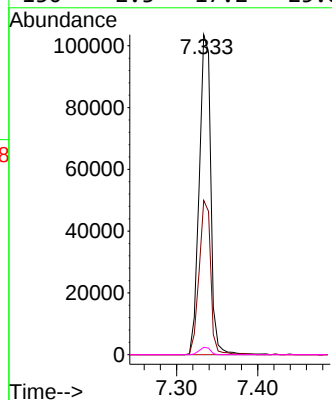
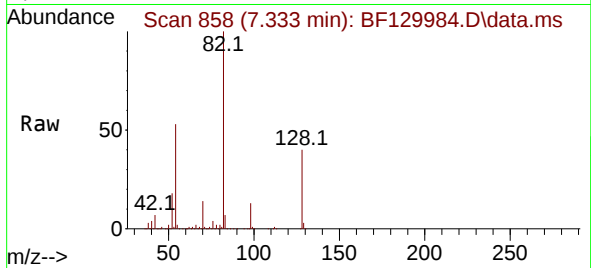




#19
n-Nitroso-di-n-propylamine
Concen: 19.896 ng
RT: 7.333 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF129984.D
Acq: 24 Aug 2022 22:07

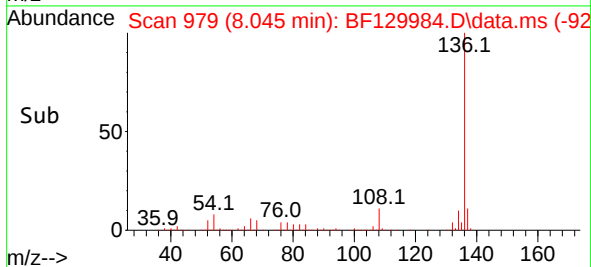
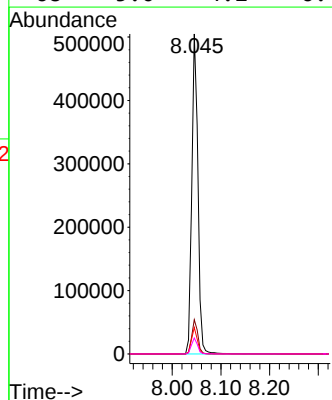
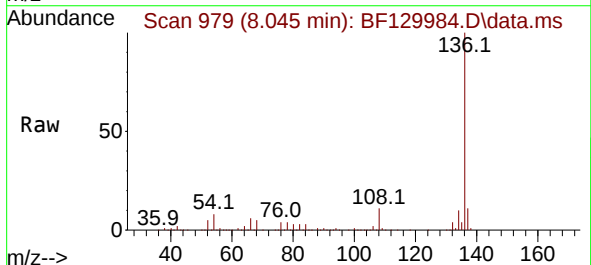
Instrument :
BNA_F
ClientSampleId :
MW-102I

Tgt Ion: 70 Resp: 102834
Ion Ratio Lower Upper
70 100
42 48.2 47.6 71.4
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF129984.D
Acq: 24 Aug 2022 22:07

Tgt Ion:136 Resp: 436666
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 8.3 6.2 9.2
68 5.0 4.2 6.4

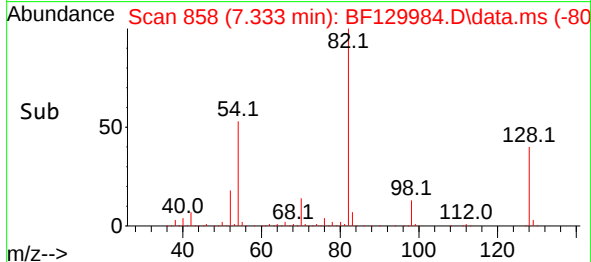
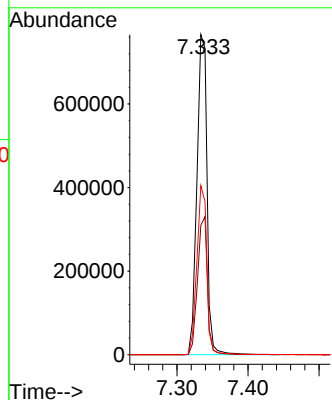
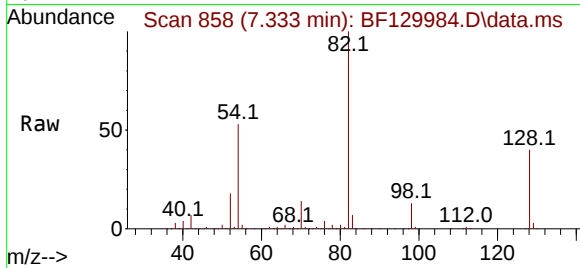




#23
Nitrobenzene-d5
Concen: 93.233 ng
RT: 7.333 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129984.D
Acq: 24 Aug 2022 22:07

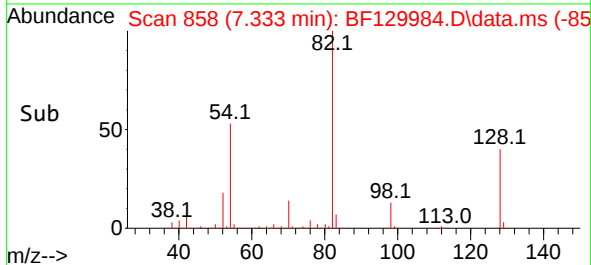
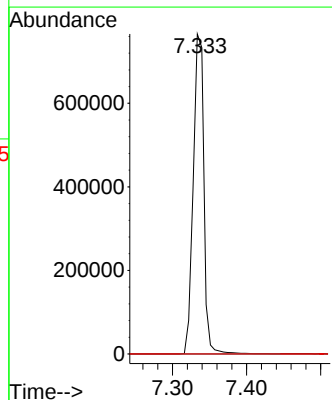
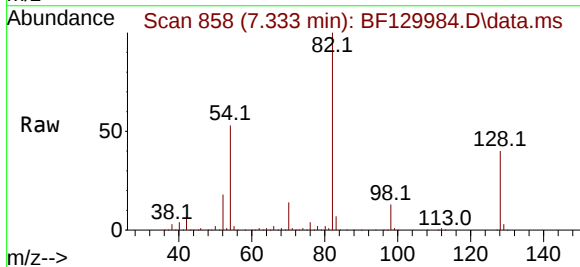
Instrument :
BNA_F
ClientSampleId :
MW-102I

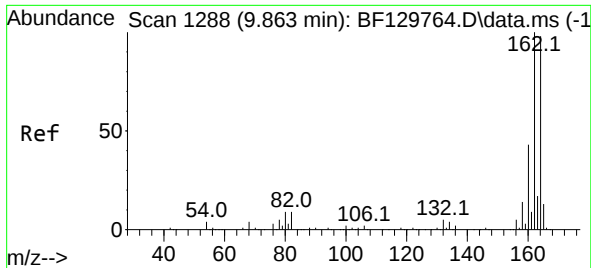
Tgt Ion: 82 Resp: 760515
Ion Ratio Lower Upper
82 100
128 40.5 36.1 54.1
54 52.8 40.0 60.0



#25
Isophorone
Concen: 54.168 ng
RT: 7.333 min Scan# 858
Delta R.T. -0.265 min
Lab File: BF129984.D
Acq: 24 Aug 2022 22:07

Tgt Ion: 82 Resp: 760507
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129984.D

Acq: 24 Aug 2022 22:07

Instrument :

BNA_F

ClientSampleId :

MW-102I

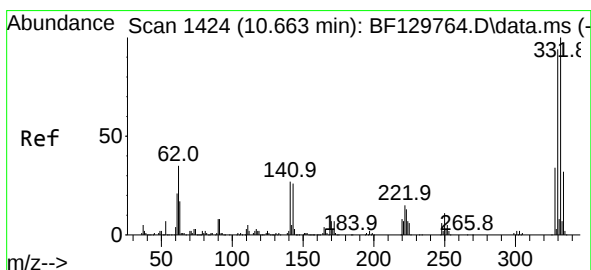
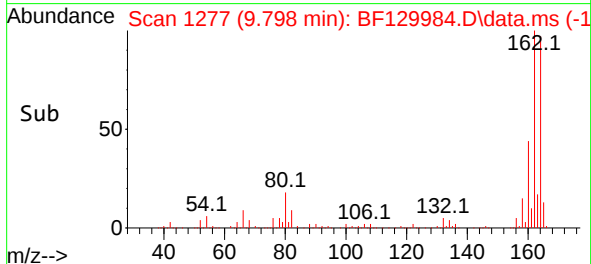
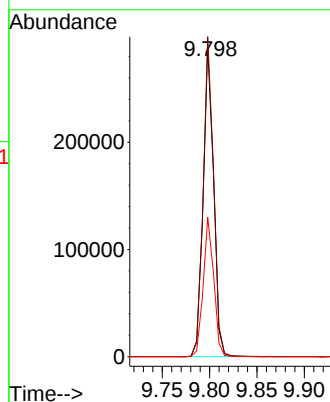
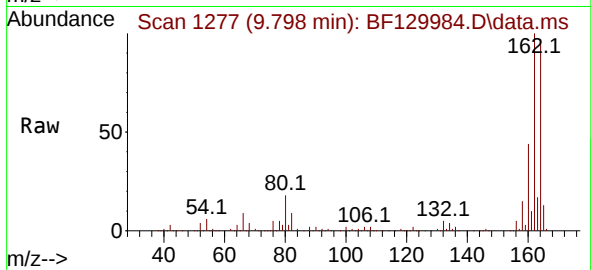
Tgt Ion:164 Resp: 223084

Ion Ratio Lower Upper

164 100

162 103.4 82.0 123.0

160 45.0 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 129.706 ng

RT: 10.598 min Scan# 1413

Delta R.T. -0.006 min

Lab File: BF129984.D

Acq: 24 Aug 2022 22:07

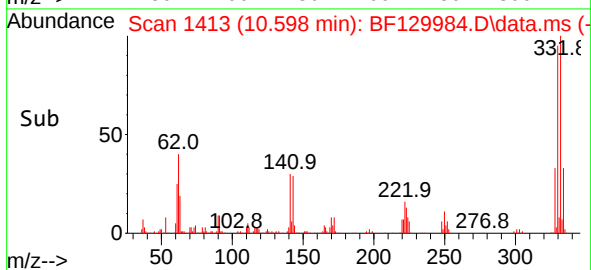
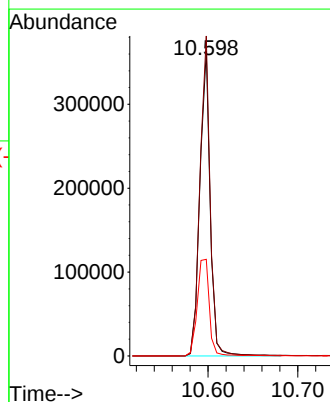
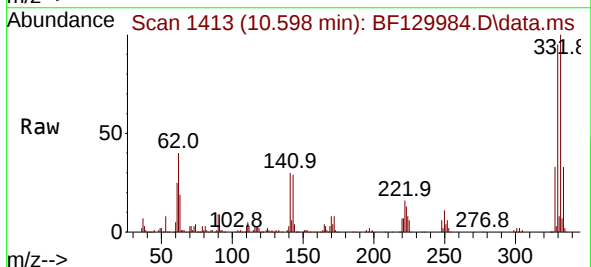
Tgt Ion:330 Resp: 290410

Ion Ratio Lower Upper

330 100

332 104.5 82.6 124.0

141 37.4 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 91.749 ng

RT: 9.122 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF129984.D

Acq: 24 Aug 2022 22:07

Instrument :

BNA_F

ClientSampleId :

MW-102I

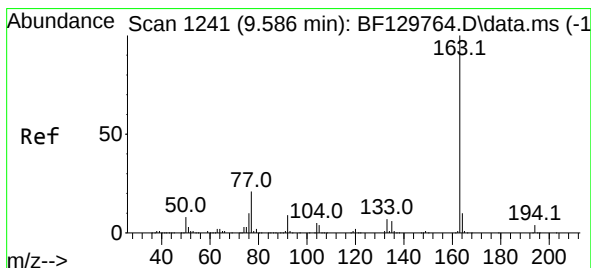
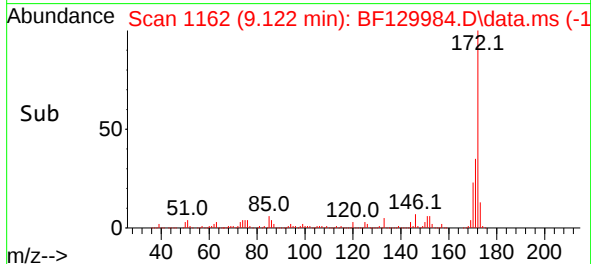
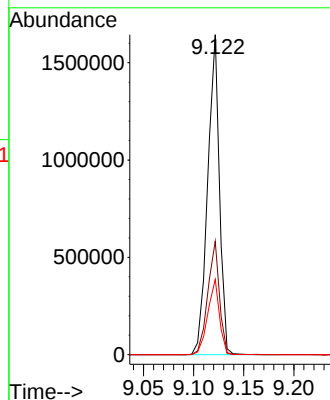
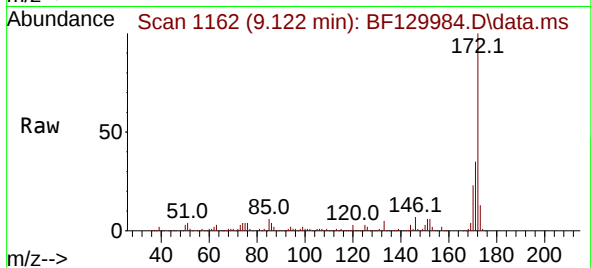
Tgt Ion:172 Resp: 1347617

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.5 19.1 28.7



#50

Dimethylphthalate

Concen: 2.426 ng

RT: 9.798 min Scan# 1277

Delta R.T. 0.265 min

Lab File: BF129984.D

Acq: 24 Aug 2022 22:07

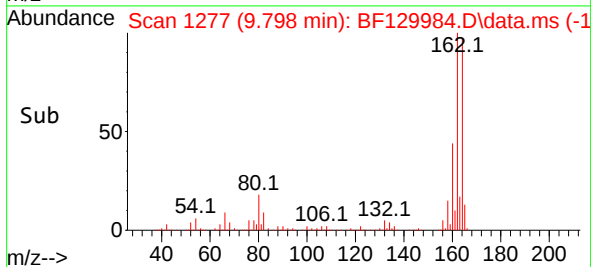
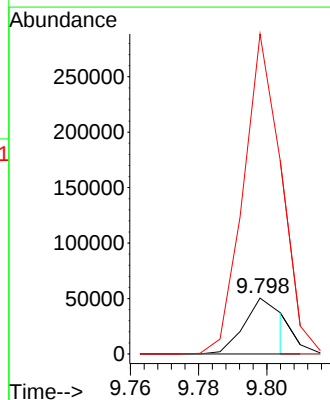
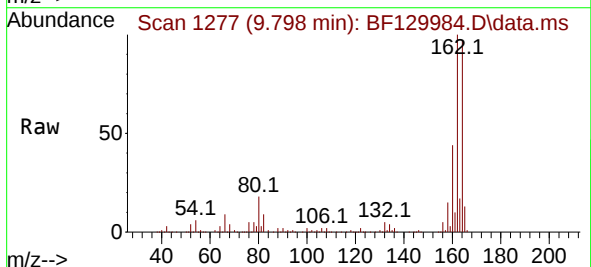
Tgt Ion:163 Resp: 38797

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 572.4 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 8.440 ng

RT: 9.798 min Scan# 1277

Delta R.T. 0.194 min

Lab File: BF129984.D

Acq: 24 Aug 2022 22:07

Instrument :

BNA_F

ClientSampleId :

MW-102I

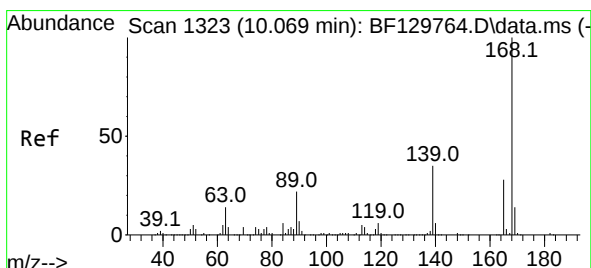
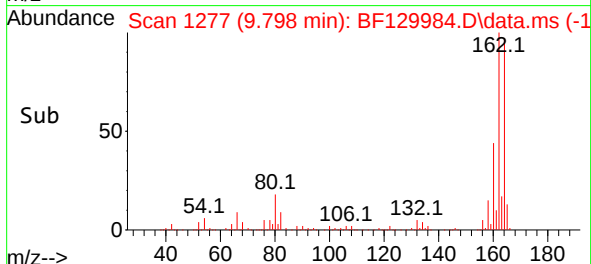
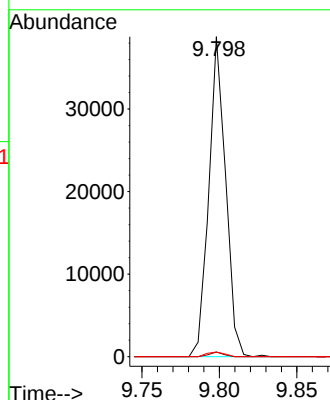
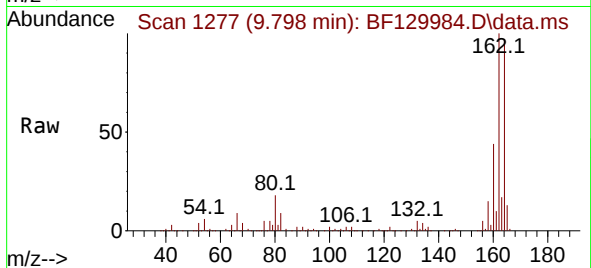
Tgt Ion:165 Resp: 29278

Ion Ratio Lower Upper

165 100

63 1.5 47.8 71.8#

89 1.5 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.501 ng

RT: 9.798 min Scan# 1277

Delta R.T. -0.218 min

Lab File: BF129984.D

Acq: 24 Aug 2022 22:07

Tgt Ion:165 Resp: 29278

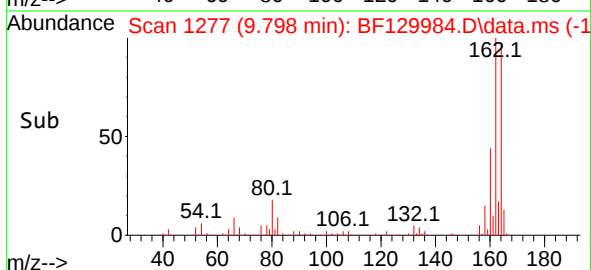
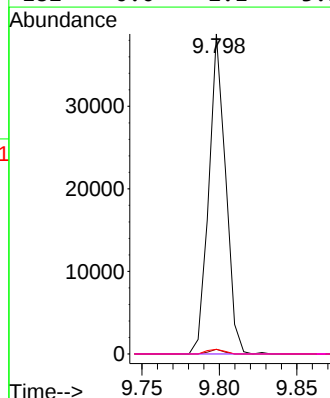
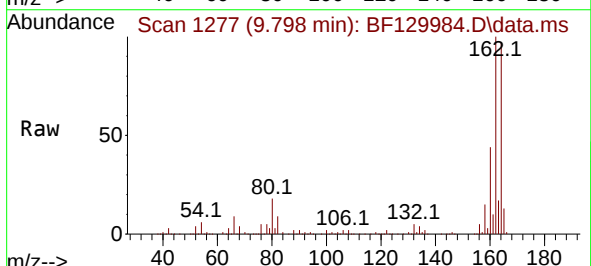
Ion Ratio Lower Upper

165 100

63 1.5 48.4 72.6#

89 1.5 62.3 93.5#

182 0.0 2.1 3.1#

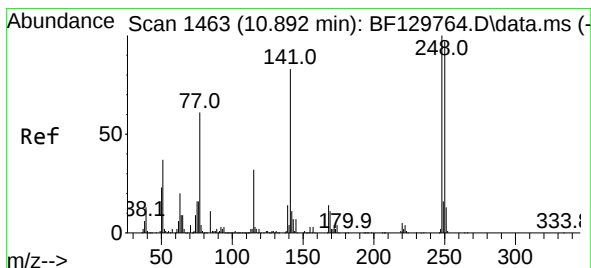
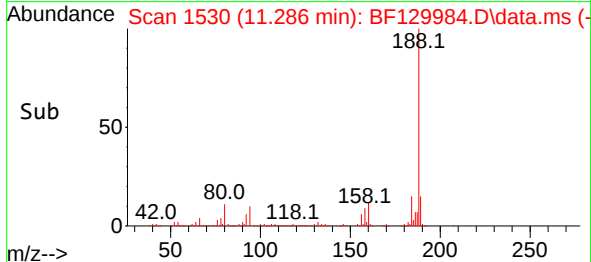
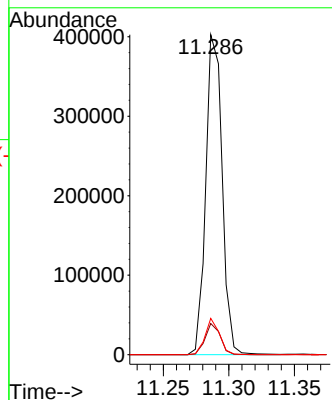
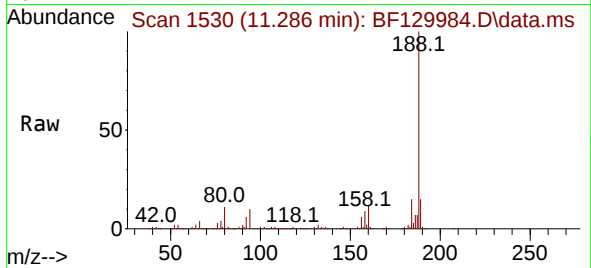




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129984.D
Acq: 24 Aug 2022 22:07

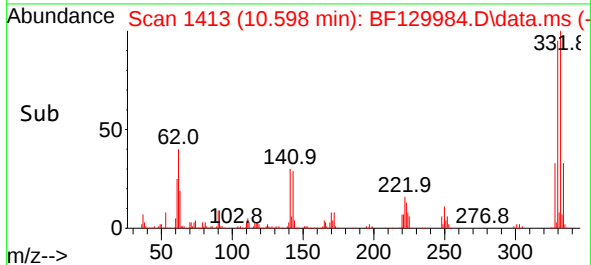
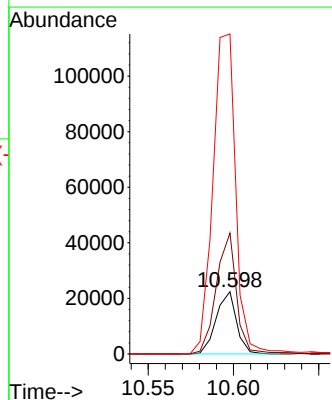
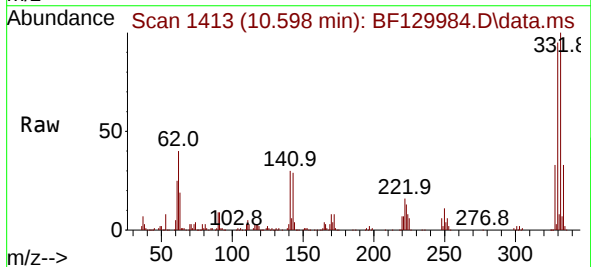
Instrument :
BNA_F
ClientSampleId :
MW-102I

Tgt Ion:188 Resp: 351287
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 11.4 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.536 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.235 min
Lab File: BF129984.D
Acq: 24 Aug 2022 22:07

Tgt Ion:248 Resp: 18665
Ion Ratio Lower Upper
248 100
250 194.2 77.8 116.6#
141 513.4 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129984.D

Acq: 24 Aug 2022 22:07

Instrument :

BNA_F

ClientSampleId :

MW-102I

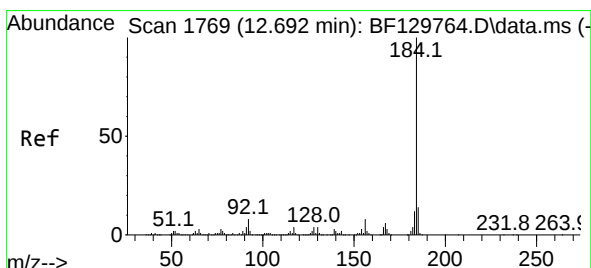
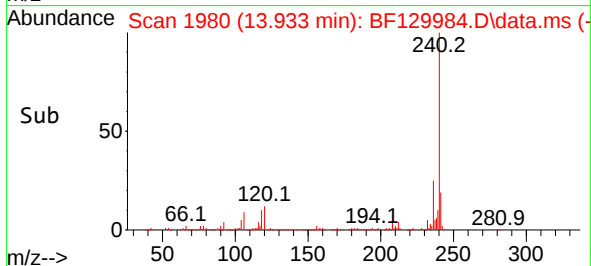
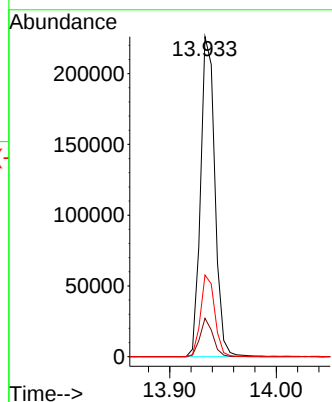
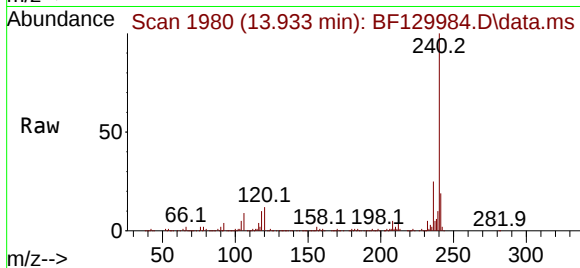
Tgt Ion:240 Resp: 211916

Ion Ratio Lower Upper

240 100

120 12.0 9.2 13.8

236 25.5 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.874 min Scan# 1800

Delta R.T. 0.241 min

Lab File: BF129984.D

Acq: 24 Aug 2022 22:07

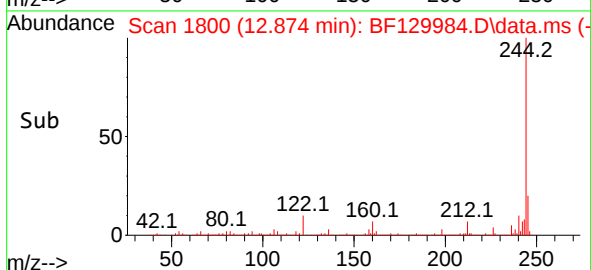
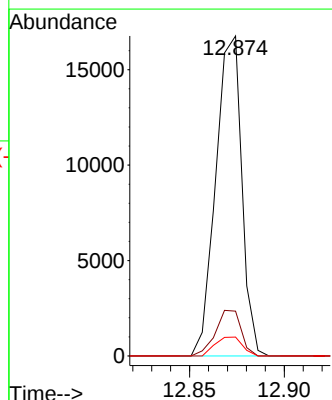
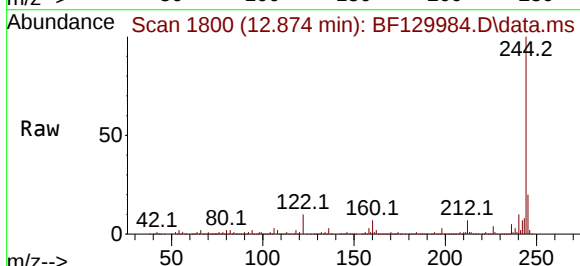
Tgt Ion:184 Resp: 16041

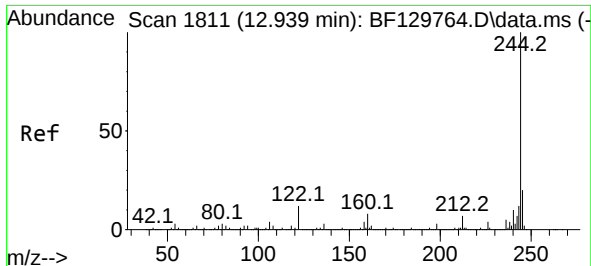
Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.2

183 5.9 9.4 14.2#

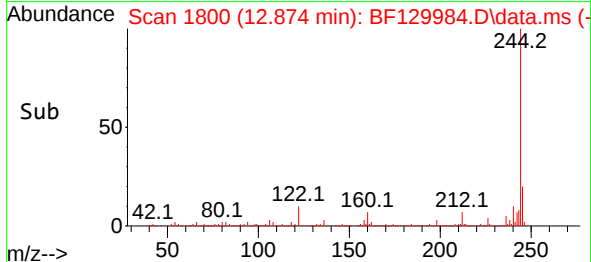
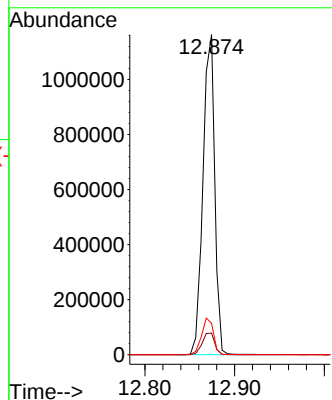
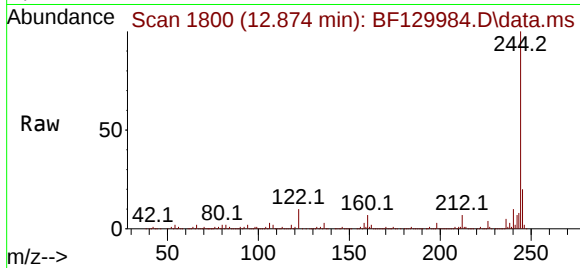




#79
 Terphenyl-d14
 Concen: 83.053 ng
 RT: 12.874 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: BF129984.D
 Acq: 24 Aug 2022 22:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-102I

Tgt Ion:244 Resp: 1057748
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 9.8 9.9 14.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2227
 Delta R.T. -0.000 min
 Lab File: BF129984.D
 Acq: 24 Aug 2022 22:07

Tgt Ion:264 Resp: 203455
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 22.9 16.7 25.1

