

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129978.D
 Acq On : 24 Aug 2022 18:34
 Operator : CG\JU
 Sample : N4244-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105D

Quant Time: Aug 25 04:13:20 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)

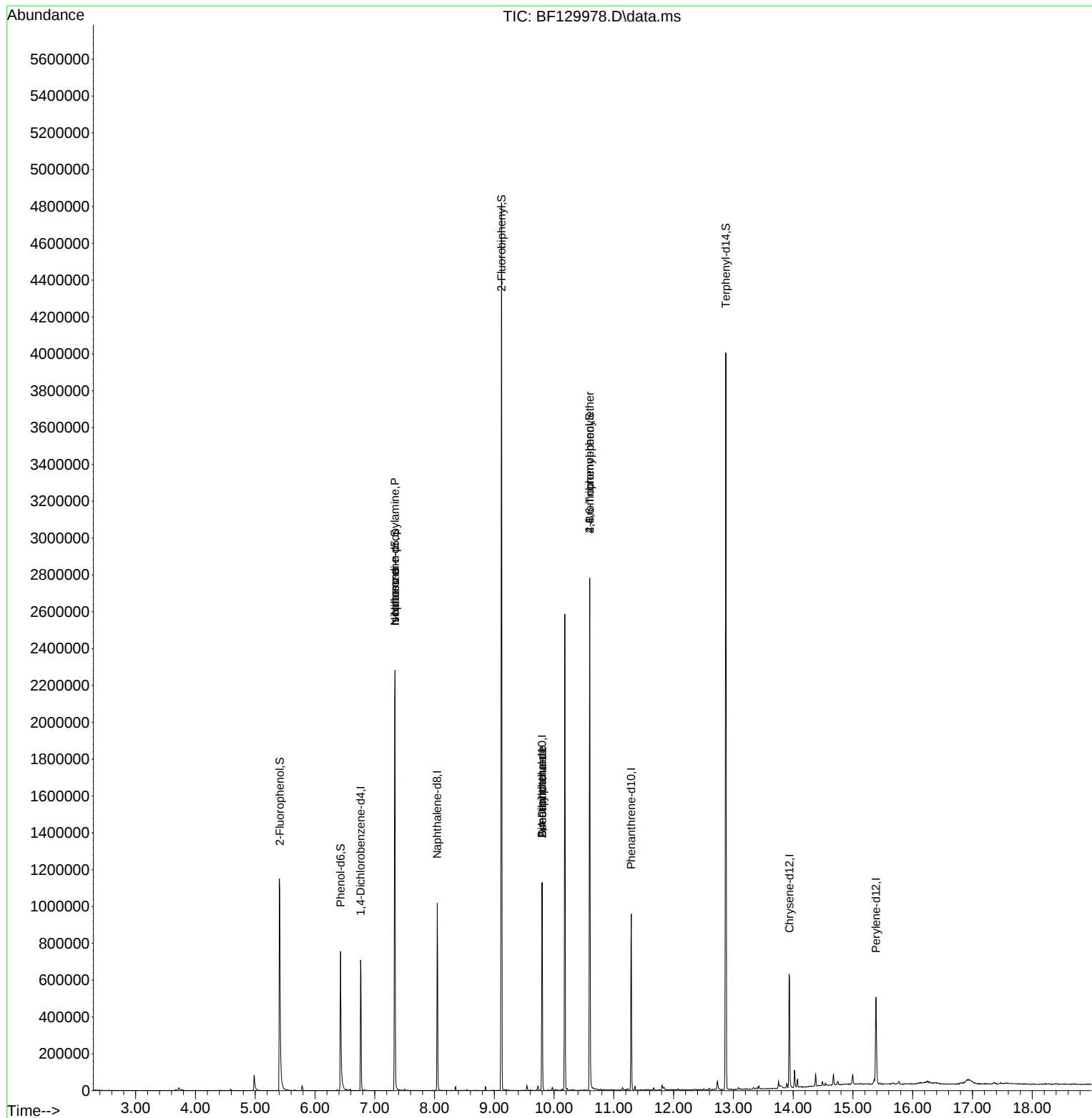
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	102887	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	407486	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	205976	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	326029	20.000	ng	0.00
76) Chrysene-d12	13.939	240	212222	20.000	ng	0.00
86) Perylene-d12	15.386	264	196849	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	382187	61.503	ng	0.00
7) Phenol-d6	6.428	99	279155	35.873	ng	0.00
23) Nitrobenzene-d5	7.339	82	751723	98.755	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	282578	136.691	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1319276	97.279	ng	0.00
79) Terphenyl-d14	12.874	244	1201713	94.221	ng	0.00
Target Compounds						
9) Benzaldehyde	6.428	77	477	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.339	70	101952	20.727	ng	# 76
25) Isophorone	7.339	82	751718	57.377	ng	# 65
50) Dimethylphthalate	9.798	163	35663	2.415	ng	# 1
57) 2,4-Dinitrotoluene	9.798	165	27139	6.527	ng	# 18
67) 4-Bromophenyl-phenylether	10.598	248	17873	4.680	ng	# 1
77) Benizidine	12.874	184	17292	Below Cal	Qvalue	# 95

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

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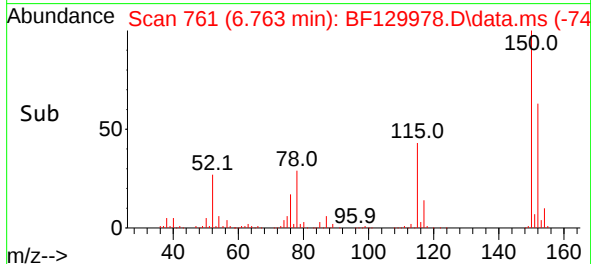
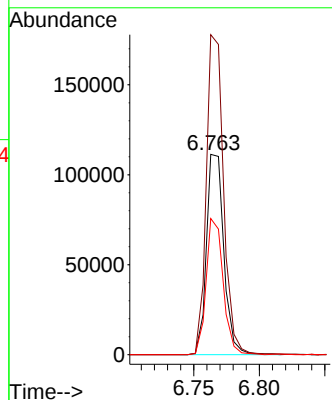
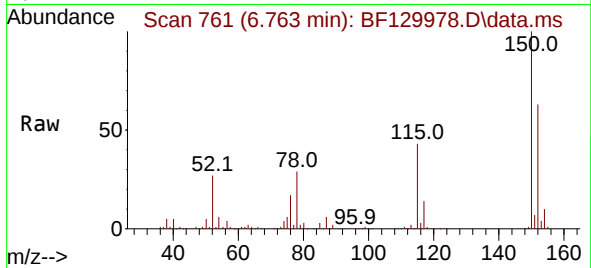




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129978.D
 Acq: 24 Aug 2022 18:34

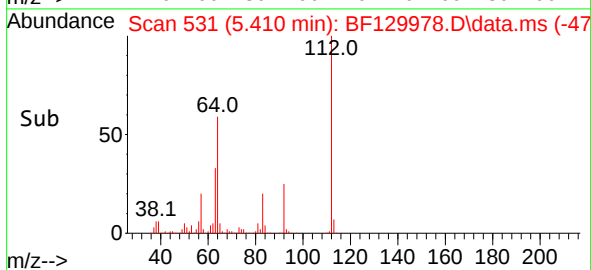
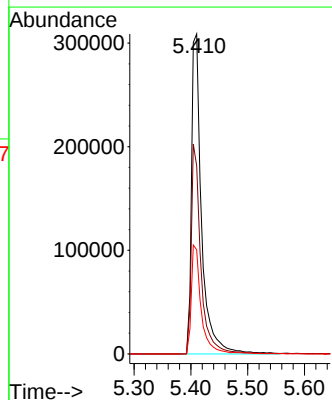
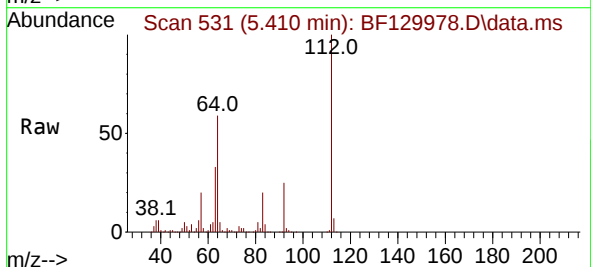
Instrument :
 BNA_F
 ClientSampleId :
 MW-105D

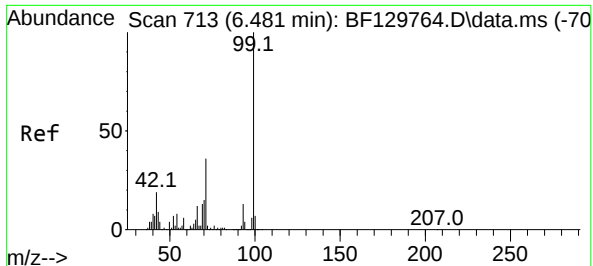
Tgt Ion:152 Resp: 102887
 Ion Ratio Lower Upper
 152 100
 150 159.7 126.9 190.3
 115 67.9 53.4 80.0



#5
 2-Fluorophenol
 Concen: 61.503 ng
 RT: 5.410 min Scan# 531
 Delta R.T. 0.006 min
 Lab File: BF129978.D
 Acq: 24 Aug 2022 18:34

Tgt Ion:112 Resp: 382187
 Ion Ratio Lower Upper
 112 100
 64 58.8 47.6 71.4
 63 32.6 24.6 37.0

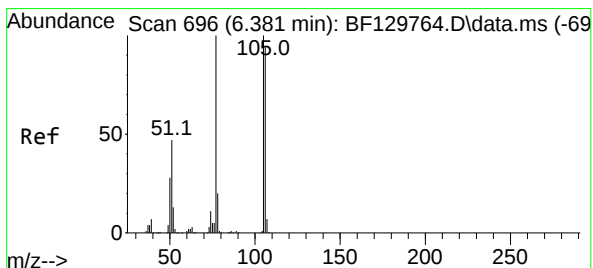
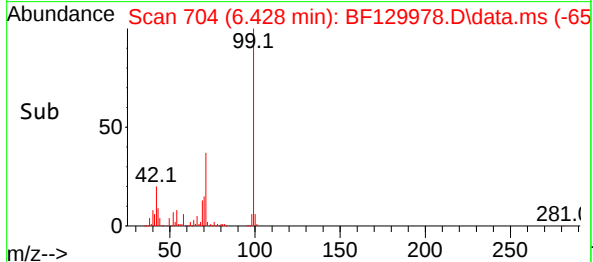
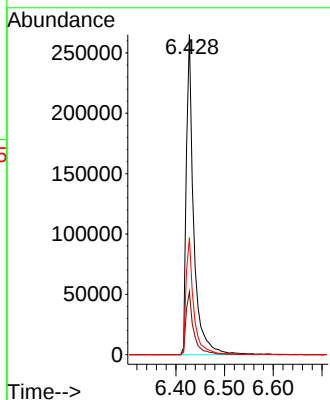
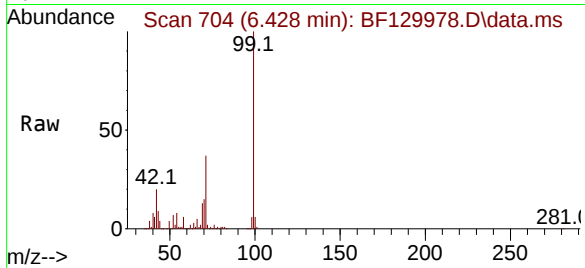




#7
Phenol-d6
Concen: 35.873 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF129978.D
Acq: 24 Aug 2022 18:34

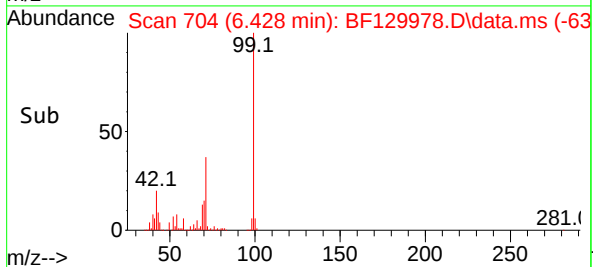
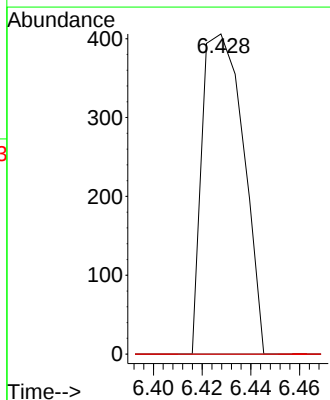
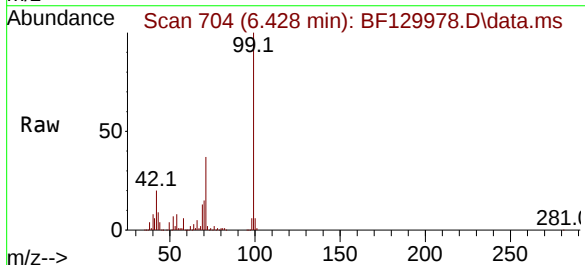
Instrument :
BNA_F
ClientSampleId :
MW-105D

Tgt Ion: 99 Resp: 279155
Ion Ratio Lower Upper
99 100
42 19.7 15.0 22.4
71 36.6 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 704
Delta R.T. 0.100 min
Lab File: BF129978.D
Acq: 24 Aug 2022 18:34

Tgt Ion: 77 Resp: 477
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

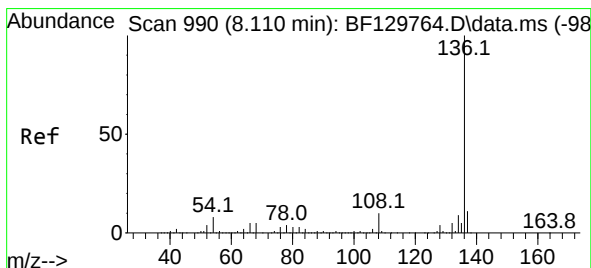
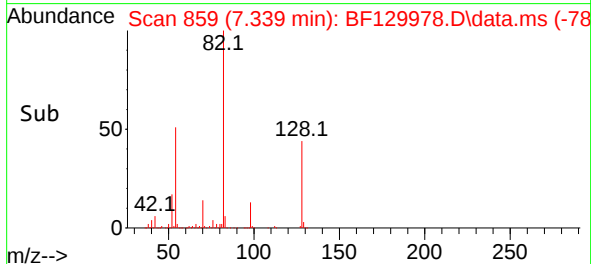
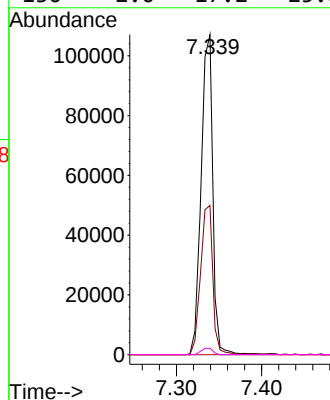
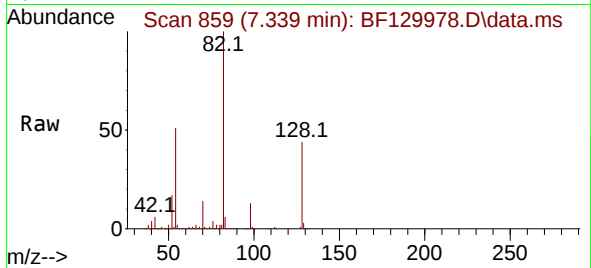




#19
n-Nitroso-di-n-propylamine
Concen: 20.727 ng
RT: 7.339 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF129978.D
Acq: 24 Aug 2022 18:34

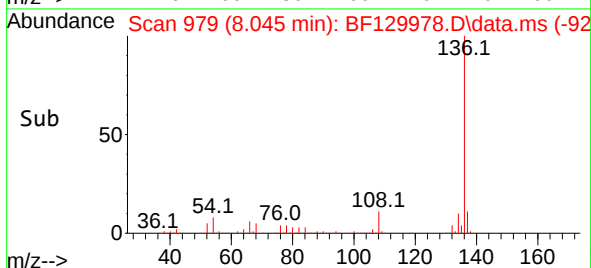
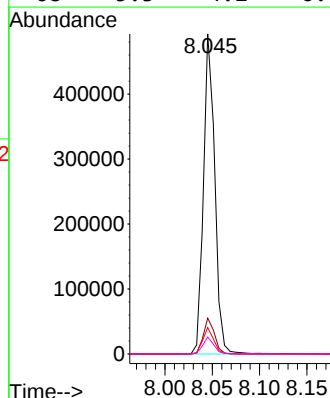
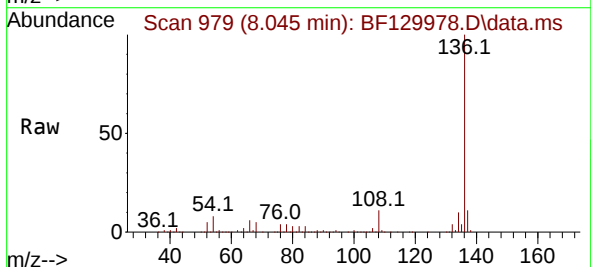
Instrument :
BNA_F
ClientSampleId :
MW-105D

Tgt Ion: 70 Resp: 101952
Ion Ratio Lower Upper
70 100
42 46.6 47.6 71.4#
101 0.0 8.1 12.1#
130 2.0 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: BF129978.D
Acq: 24 Aug 2022 18:34

Tgt Ion: 136 Resp: 407486
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.3 6.2 9.2
68 5.3 4.2 6.4

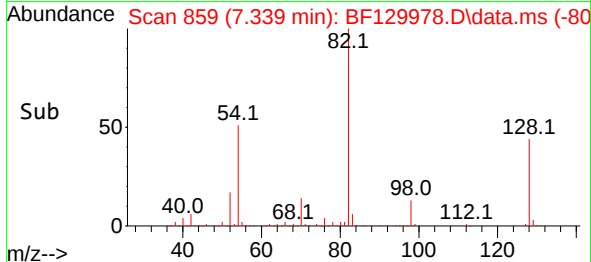
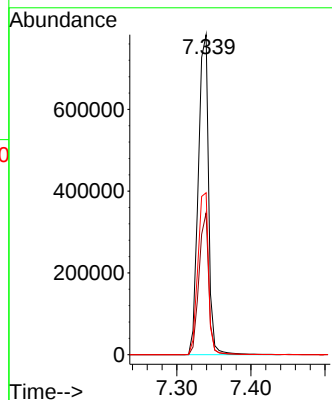
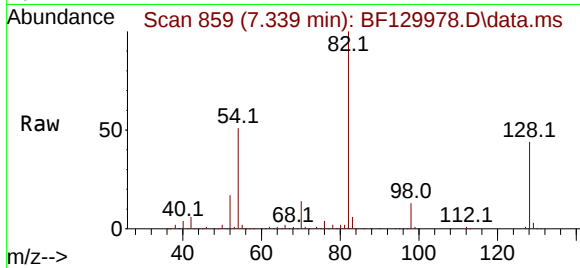




#23
Nitrobenzene-d5
Concen: 98.755 ng
RT: 7.339 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129978.D
Acq: 24 Aug 2022 18:34

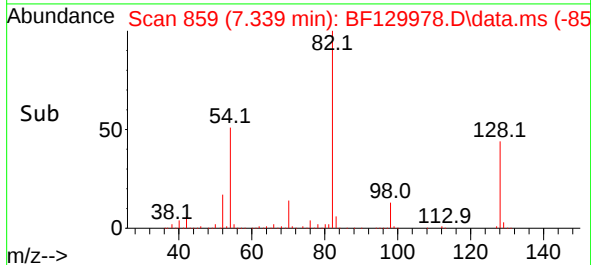
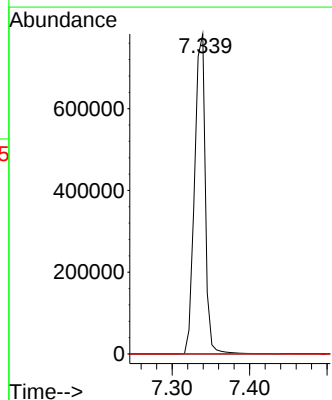
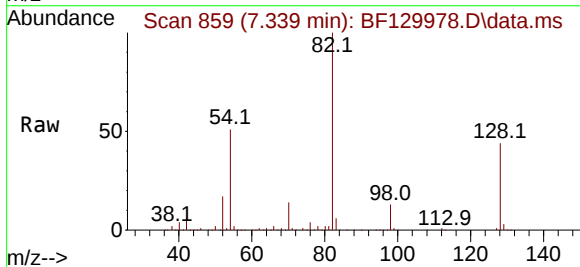
Instrument :
BNA_F
ClientSampleId :
MW-105D

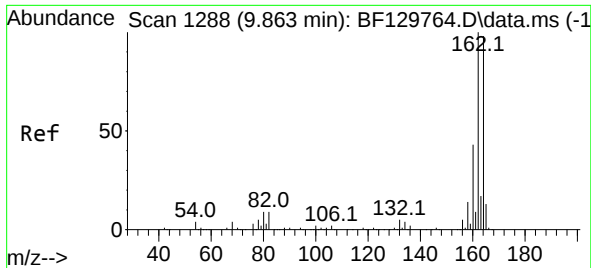
Tgt Ion: 82 Resp: 751723
Ion Ratio Lower Upper
82 100
128 44.3 36.1 54.1
54 50.6 40.0 60.0



#25
Isophorone
Concen: 57.377 ng
RT: 7.339 min Scan# 859
Delta R.T. -0.259 min
Lab File: BF129978.D
Acq: 24 Aug 2022 18:34

Tgt Ion: 82 Resp: 751718
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

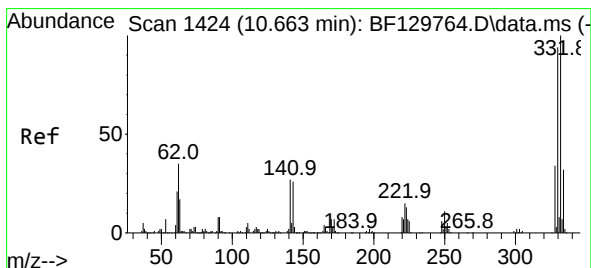
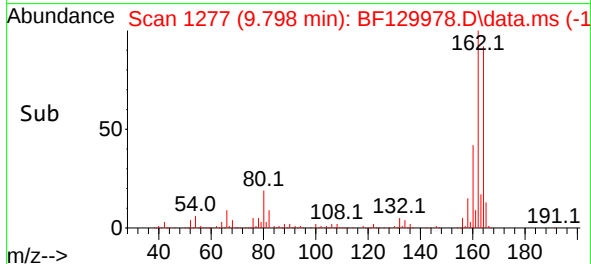
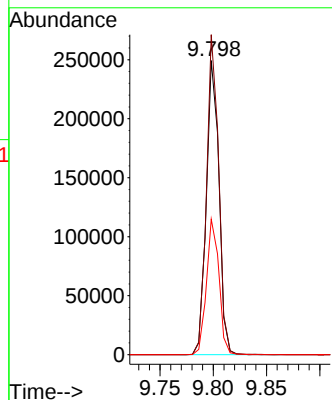
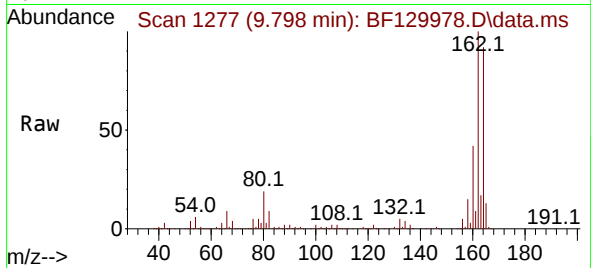




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129978.D
Acq: 24 Aug 2022 18:34

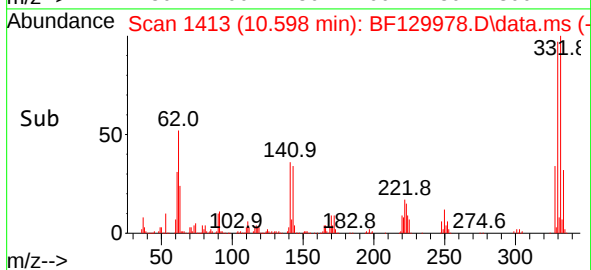
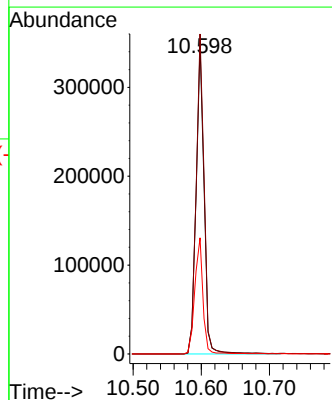
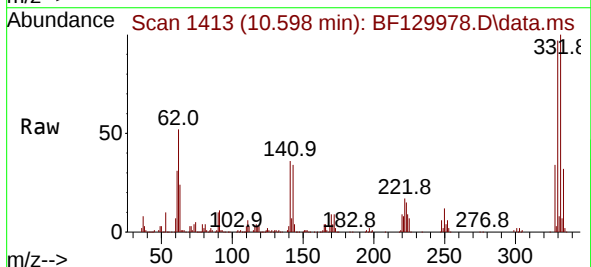
Instrument :
BNA_F
ClientSampleId :
MW-105D

Tgt Ion:164 Resp: 205976
Ion Ratio Lower Upper
164 100
162 108.8 82.0 123.0
160 46.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 136.691 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF129978.D
Acq: 24 Aug 2022 18:34

Tgt Ion:330 Resp: 282578
Ion Ratio Lower Upper
330 100
332 102.7 82.6 124.0
141 38.3 27.6 41.4

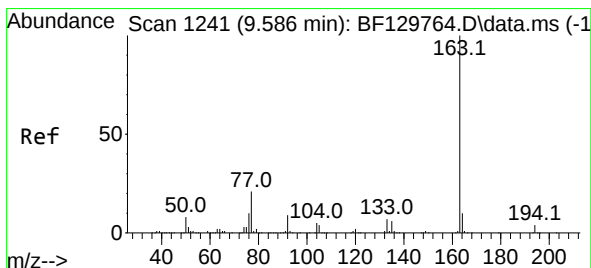
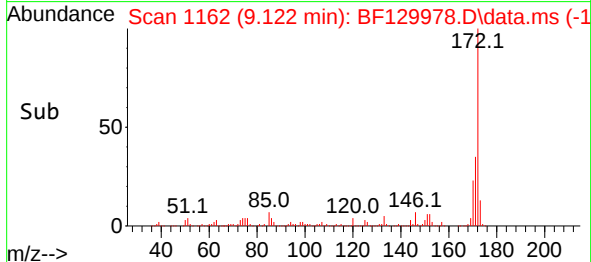
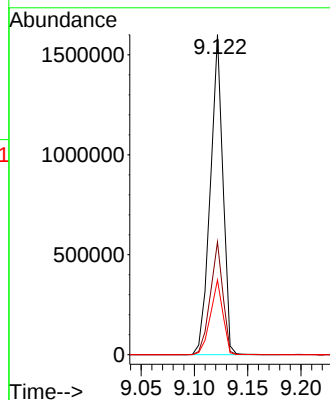
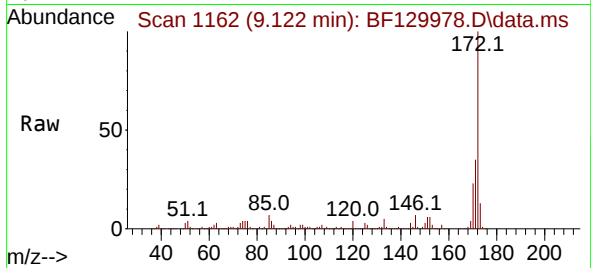




#45
2-Fluorobiphenyl
Concen: 97.279 ng
RT: 9.122 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF129978.D
Acq: 24 Aug 2022 18:34

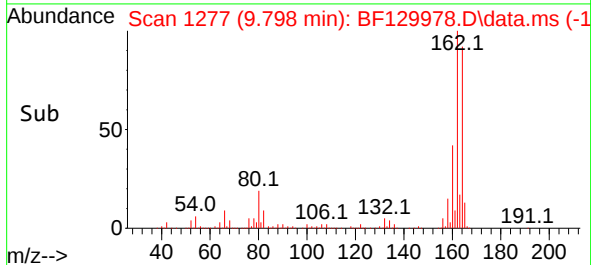
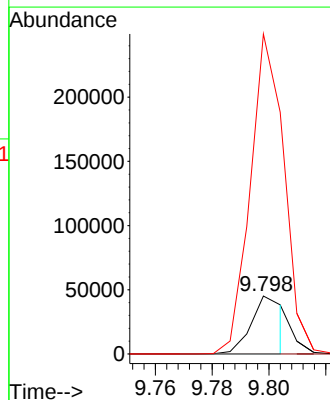
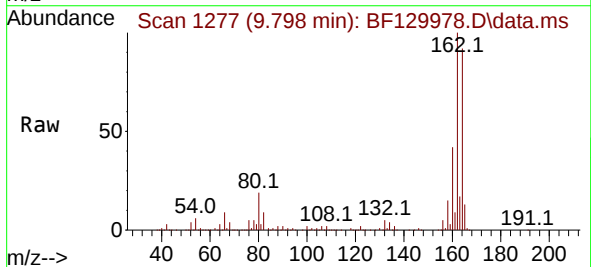
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BNA_F
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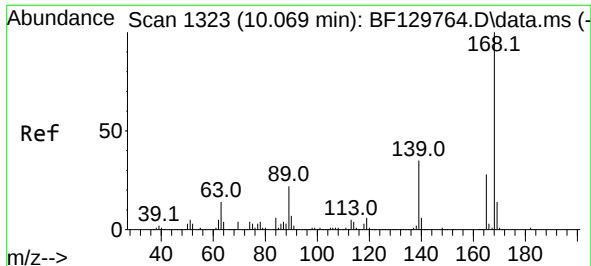
Tgt Ion:172 Resp: 1319276
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.3 19.1 28.7



#50
Dimethylphthalate
Concen: 2.415 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.265 min
Lab File: BF129978.D
Acq: 24 Aug 2022 18:34

Tgt Ion:163 Resp: 35663
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 551.7 8.2 12.2#

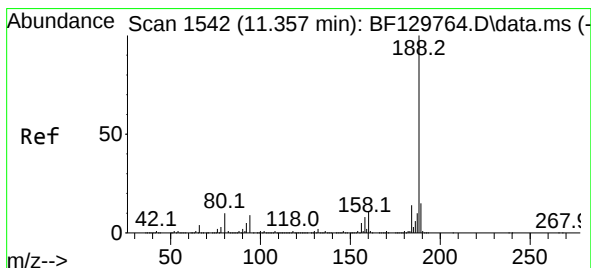
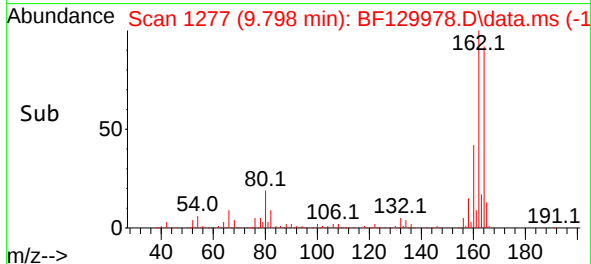
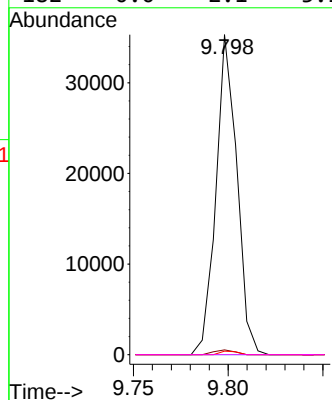
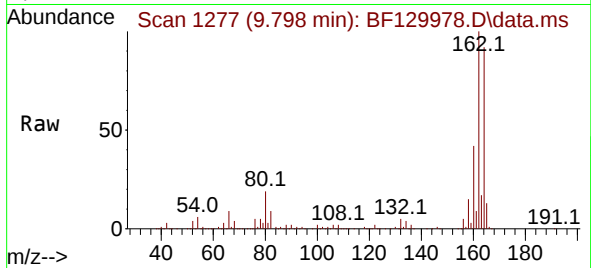




#57
2,4-Dinitrotoluene
Concen: 6.527 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF129978.D
Acq: 24 Aug 2022 18:34

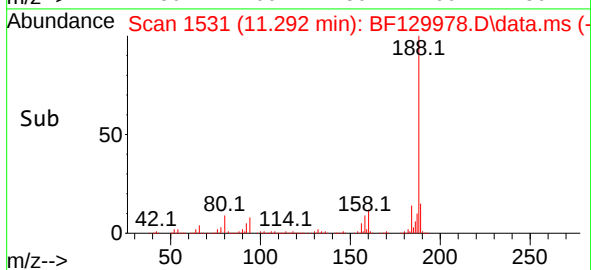
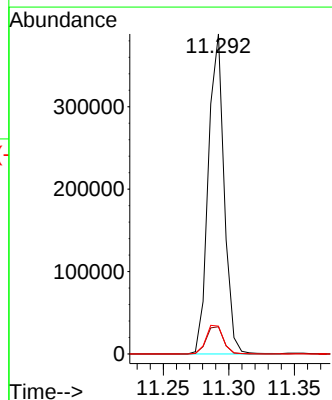
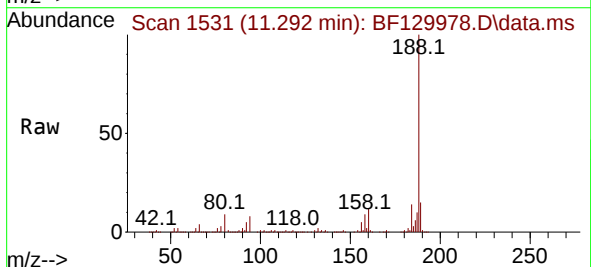
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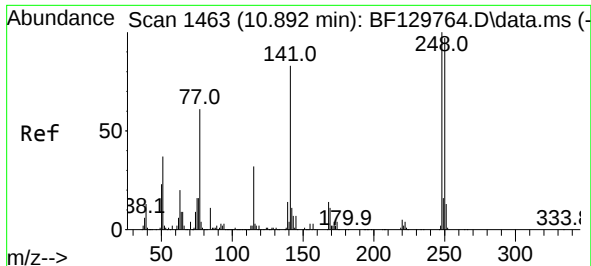
Tgt Ion:165 Resp: 27139
Ion Ratio Lower Upper
165 100
63 1.5 48.4 72.6#
89 1.1 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BF129978.D
Acq: 24 Aug 2022 18:34

Tgt Ion:188 Resp: 326029
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 8.7 7.9 11.9

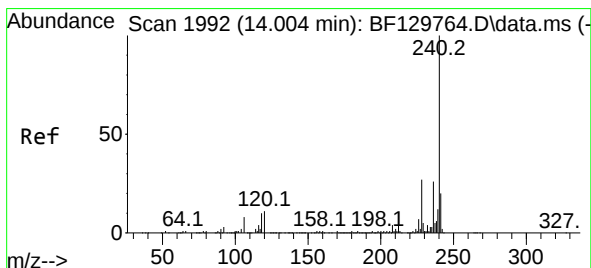
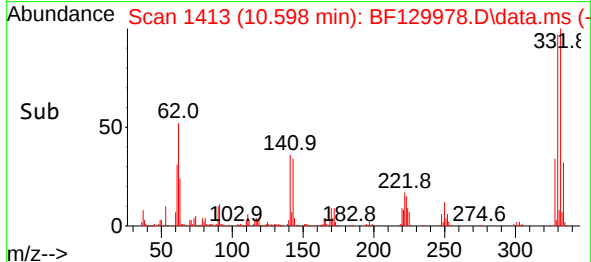
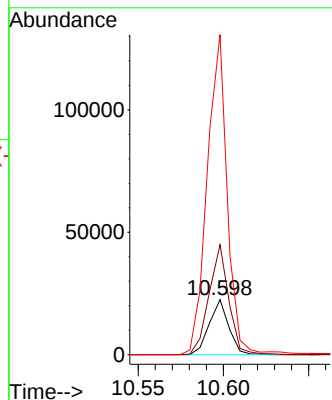
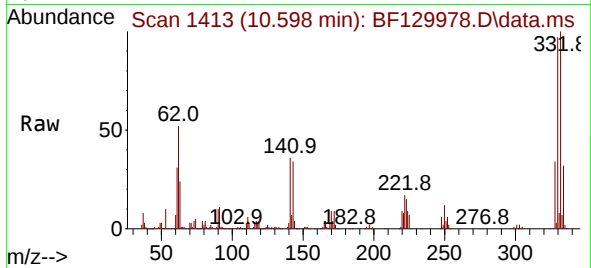




#67
4-Bromophenyl-phenylether
Concen: 4.680 ng
RT: 10.598 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF129978.D
Acq: 24 Aug 2022 18:34

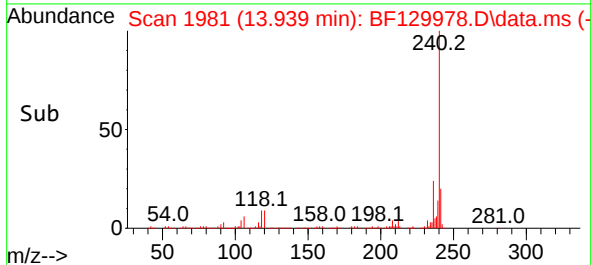
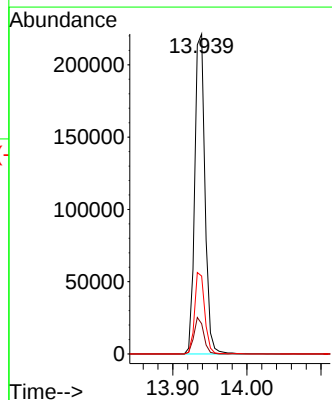
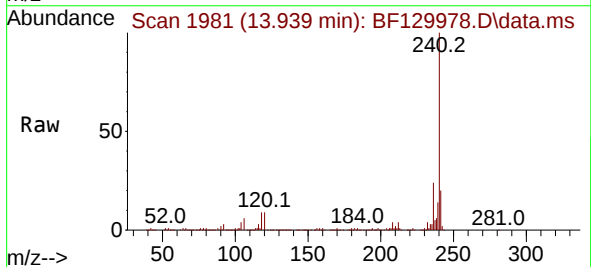
Instrument :
BNA_F
ClientSampleId :
MW-105D

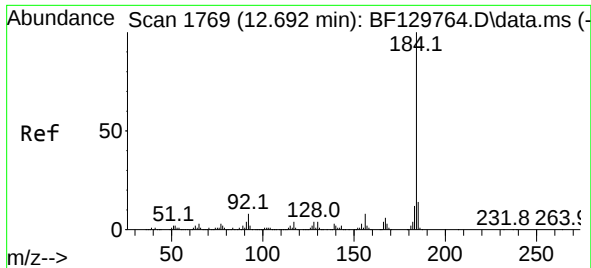
Tgt Ion:248 Resp: 17873
Ion Ratio Lower Upper
248 100
250 199.4 77.8 116.6#
141 580.7 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BF129978.D
Acq: 24 Aug 2022 18:34

Tgt Ion:240 Resp: 212222
Ion Ratio Lower Upper
240 100
120 9.4 9.2 13.8
236 24.3 20.7 31.1

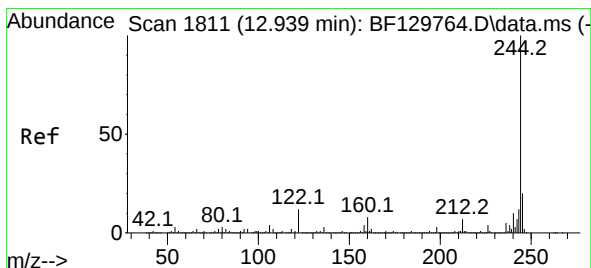
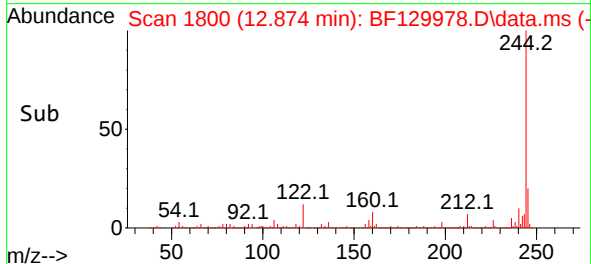
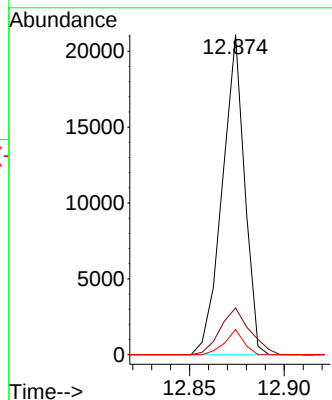
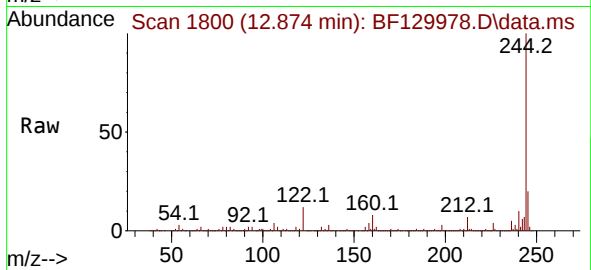




#77
Benzidine
Concen: Below Cal
RT: 12.874 min Scan# 1800
Delta R.T. 0.241 min
Lab File: BF129978.D
Acq: 24 Aug 2022 18:34

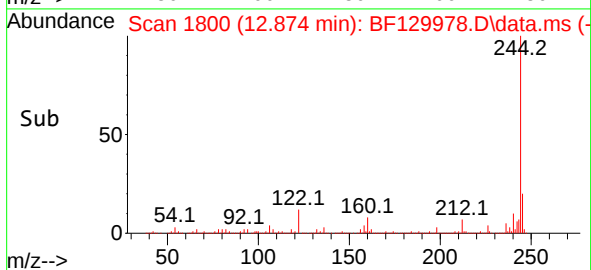
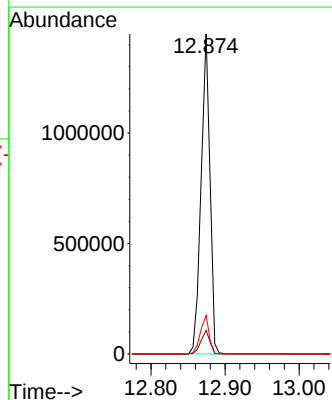
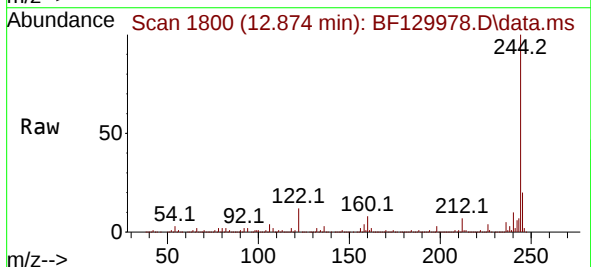
Instrument :
BNA_F
ClientSampleId :
MW-105D

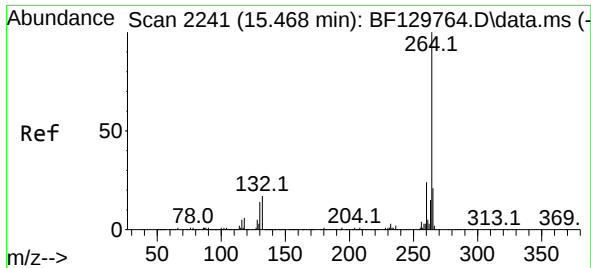
Tgt Ion:184 Resp: 17292
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.2
183 7.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 94.221 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF129978.D
Acq: 24 Aug 2022 18:34

Tgt Ion:244 Resp: 1201713
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 12.0 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF129978.D
 Acq: 24 Aug 2022 18:34

Instrument :
 BNA_F
 ClientSampleId :
 MW-105D

Tgt Ion:264 Resp: 196849
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.0 16.7 25.1

