

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129976.D
 Acq On : 24 Aug 2022 17:20
 Operator : CG\JU
 Sample : N4229-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-106S

Quant Time: Aug 25 04:12:21 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)

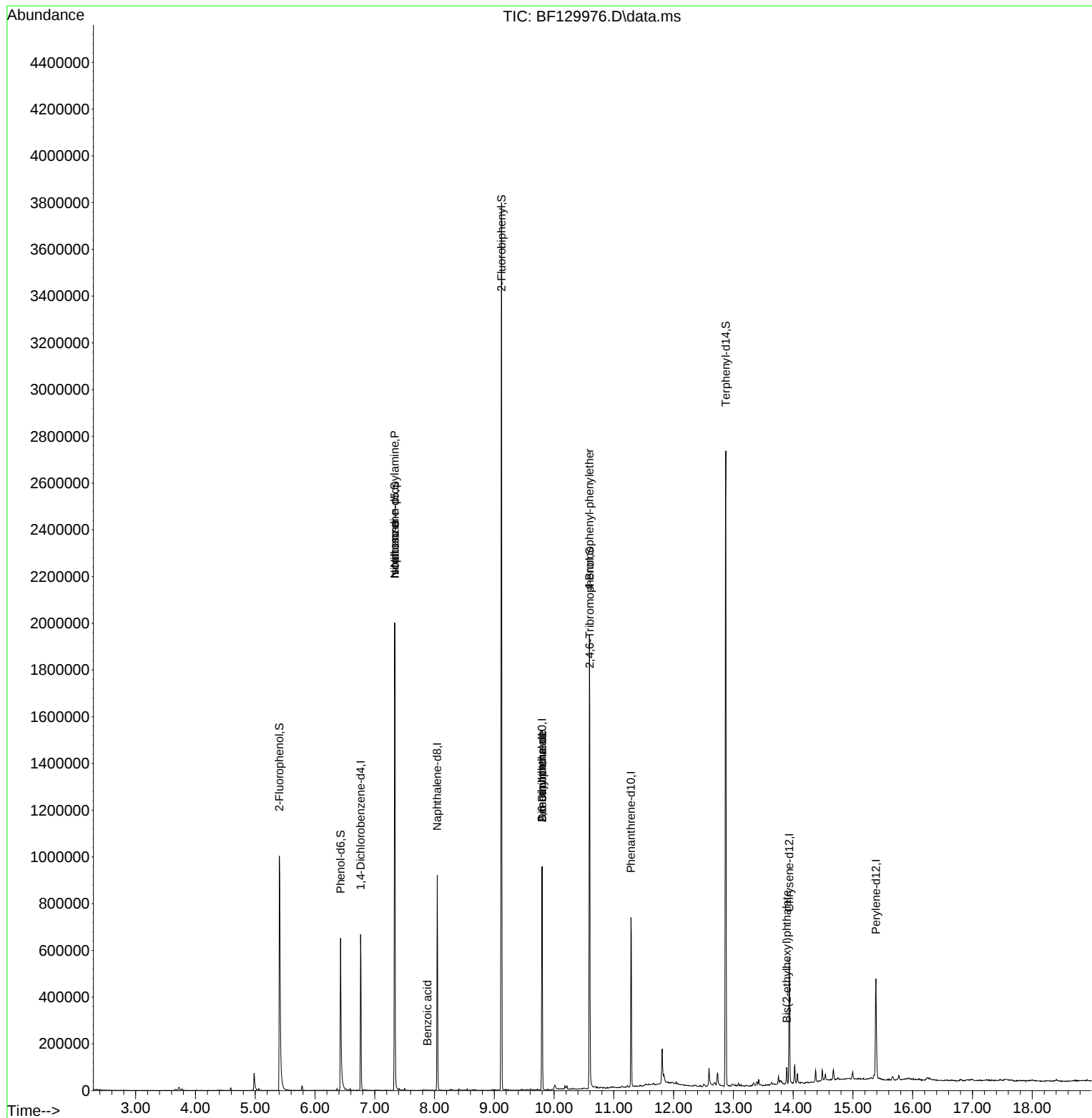
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	93688	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	362329	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	176191	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	257773	20.000	ng	0.00
76) Chrysene-d12	13.933	240	175722	20.000	ng	0.00
86) Perylene-d12	15.386	264	185581	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	338619	59.842	ng	0.00
7) Phenol-d6	6.428	99	246408	34.774	ng	0.00
23) Nitrobenzene-d5	7.334	82	634236	93.704	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	212385	120.104	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1059316	91.315	ng	0.00
79) Terphenyl-d14	12.874	244	897671	85.002	ng	0.00
Target Compounds						
9) Benzaldehyde	6.357	77	194	Below Cal	Qvalue #	1
19) n-Nitroso-di-n-propyla...	7.334	70	85257	19.035 ng	#	80
25) Isophorone	7.334	82	634229	54.442 ng	#	65
32) Benzoic acid	7.881	122	195	2.268 ng	#	76
50) Dimethylphthalate	9.798	163	30398	2.407 ng	#	1
51) 2,6-Dinitrotoluene	9.798	165	22478	8.204 ng	#	22
67) 4-Bromophenyl-phenylether	10.592	248	13507	4.474 ng	#	1
77) Benzidine	12.645	184	1249	Below Cal	#	67
84) Bis(2-ethylhexyl)phtha...	13.892	149	21195	2.765 ng		96

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

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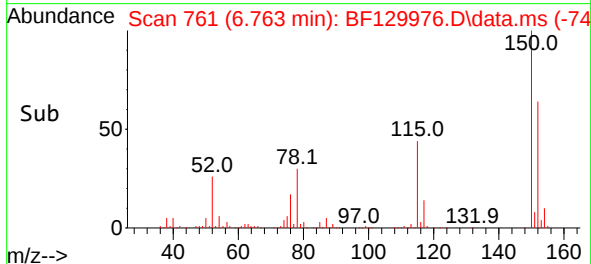
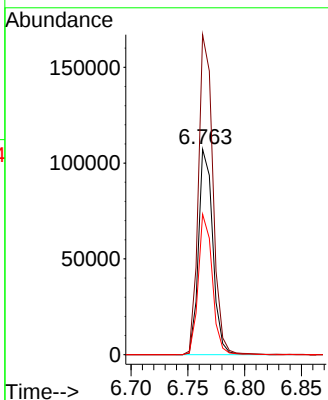
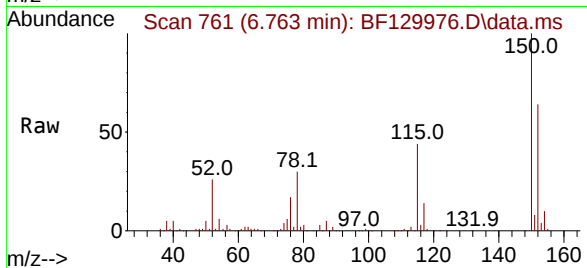




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129976.D
Acq: 24 Aug 2022 17:20

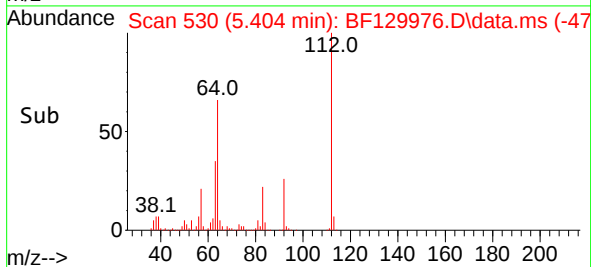
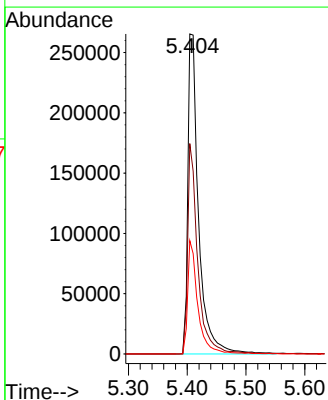
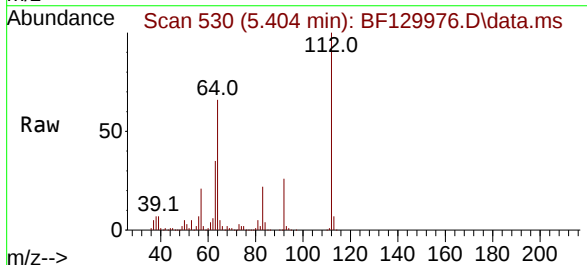
Instrument :
BNA_F
ClientSampleId :
MW-106S

Tgt Ion:152 Resp: 93688
Ion Ratio Lower Upper
152 100
150 155.8 126.9 190.3
115 68.4 53.4 80.0



#5
2-Fluorophenol
Concen: 59.842 ng
RT: 5.404 min Scan# 530
Delta R.T. -0.000 min
Lab File: BF129976.D
Acq: 24 Aug 2022 17:20

Tgt Ion:112 Resp: 338619
Ion Ratio Lower Upper
112 100
64 65.7 47.6 71.4
63 35.4 24.6 37.0

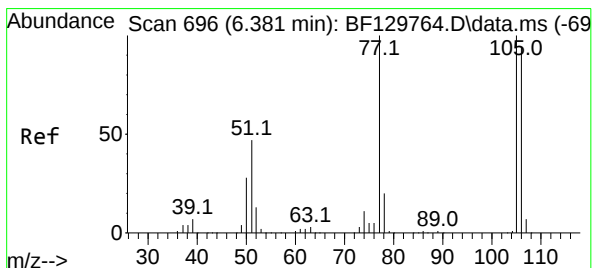
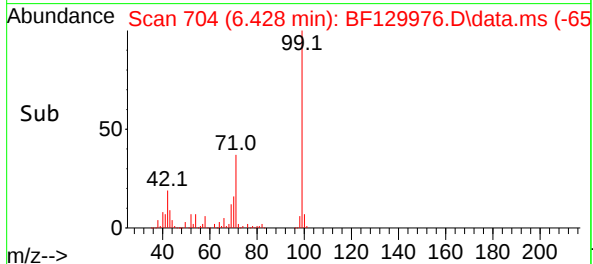
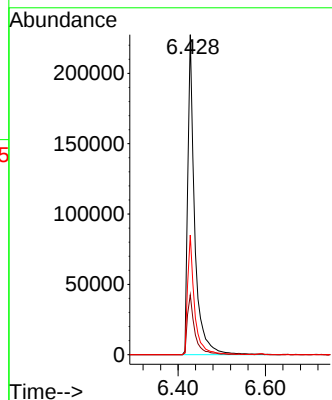
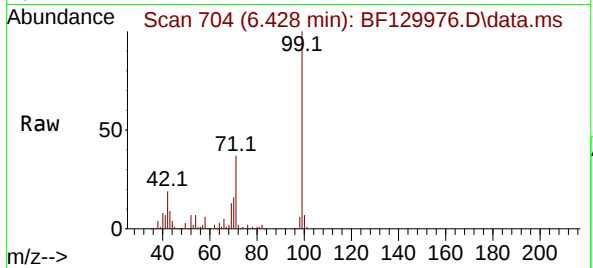




#7
Phenol-d6
Concen: 34.774 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF129976.D
Acq: 24 Aug 2022 17:20

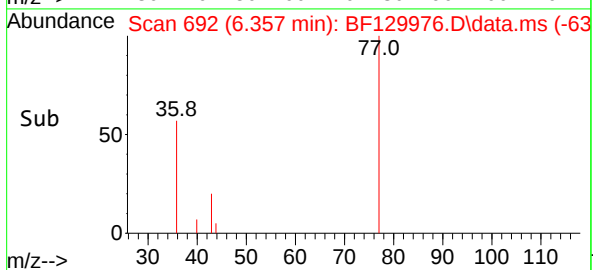
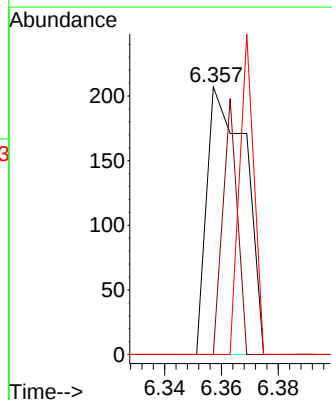
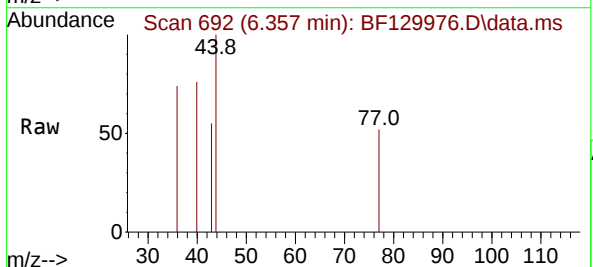
Instrument :
BNA_F
ClientSampleId :
MW-106S

Tgt Ion: 99 Resp: 246408
Ion Ratio Lower Upper
99 100
42 18.7 15.0 22.4
71 37.4 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.357 min Scan# 692
Delta R.T. 0.029 min
Lab File: BF129976.D
Acq: 24 Aug 2022 17:20

Tgt Ion: 77 Resp: 194
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: 19.035 ng

RT: 7.334 min Scan# 842

Delta R.T. 0.147 min

Lab File: BF129976.D

Acq: 24 Aug 2022 17:20

Instrument :

BNA_F

ClientSampleId :

MW-106S

Tgt Ion: 70 Resp: 85257

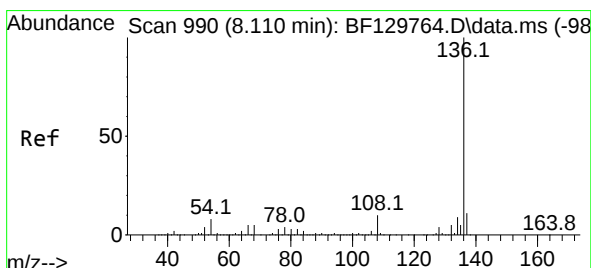
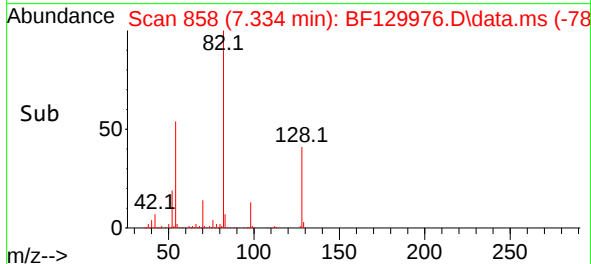
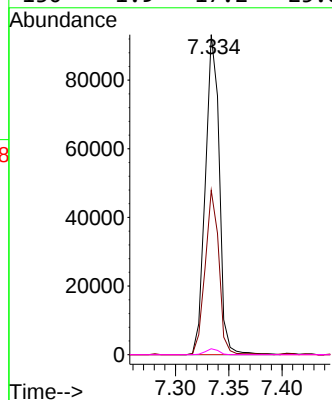
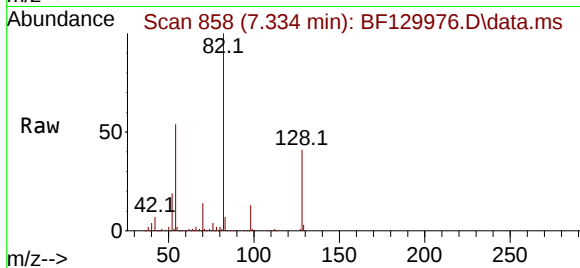
Ion Ratio Lower Upper

70 100

42 51.3 47.6 71.4

101 0.0 8.1 12.1#

130 1.9 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: BF129976.D

Acq: 24 Aug 2022 17:20

Tgt Ion: 136 Resp: 362329

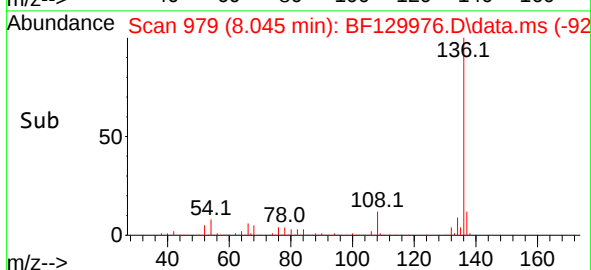
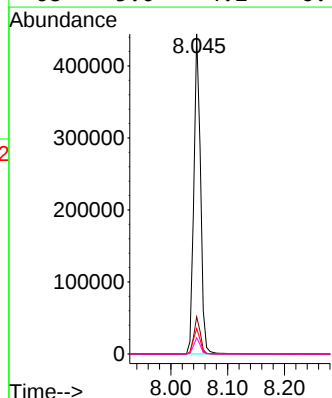
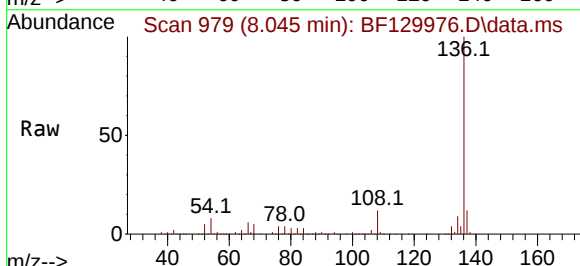
Ion Ratio Lower Upper

136 100

137 11.6 8.4 12.6

54 7.9 6.2 9.2

68 5.0 4.2 6.4





#23

Nitrobenzene-d5

Concen: 93.704 ng

RT: 7.334 min Scan# 8

Delta R.T. -0.006 min

Lab File: BF129976.D

Acq: 24 Aug 2022 17:20

Instrument :

BNA_F

ClientSampleId :

MW-106S

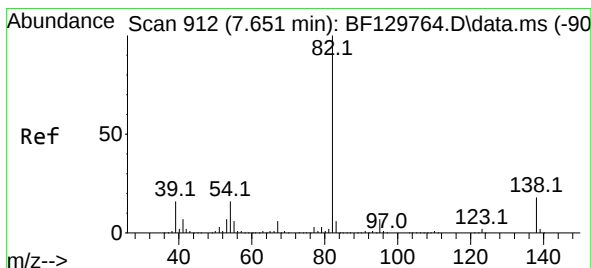
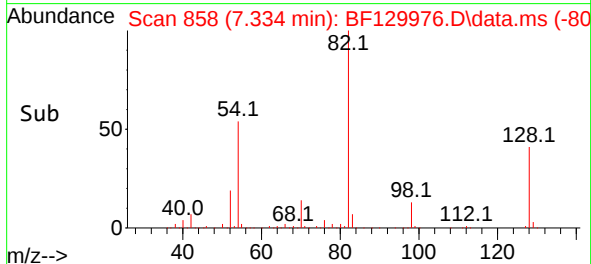
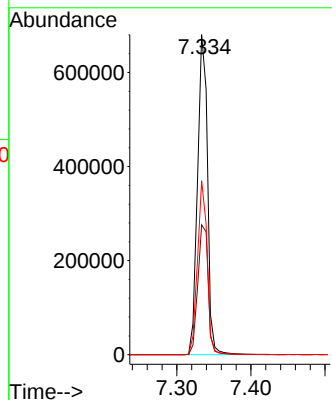
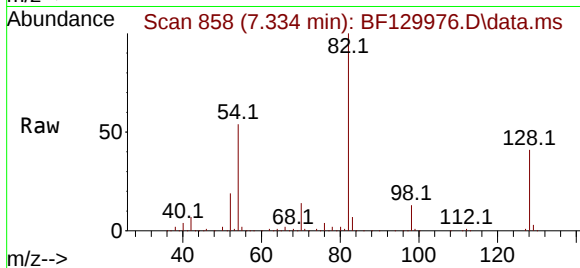
Tgt Ion: 82 Resp: 634236

Ion Ratio Lower Upper

82 100

128 40.5 36.1 54.1

54 54.4 40.0 60.0



#25

Isophorone

Concen: 54.442 ng

RT: 7.334 min Scan# 858

Delta R.T. -0.265 min

Lab File: BF129976.D

Acq: 24 Aug 2022 17:20

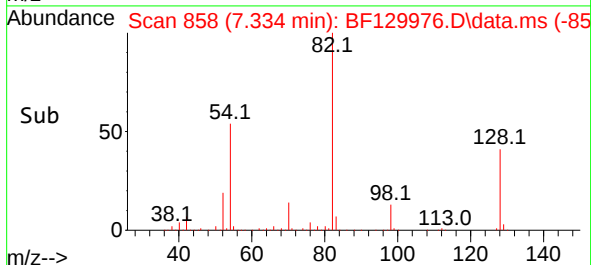
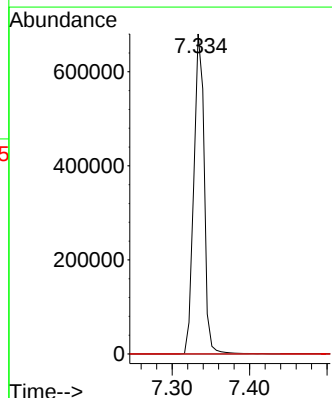
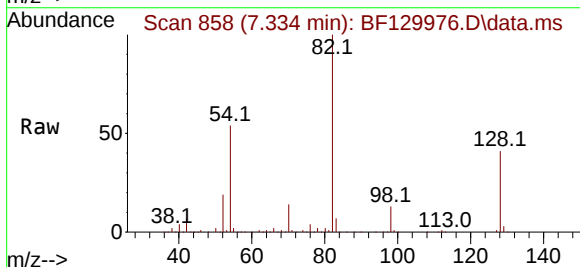
Tgt Ion: 82 Resp: 634229

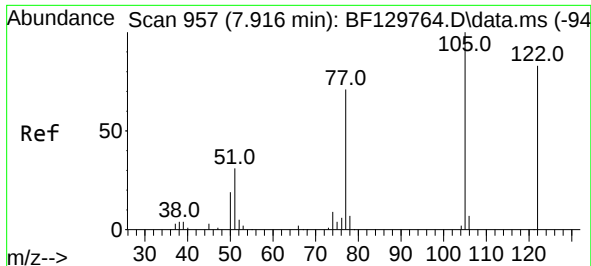
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

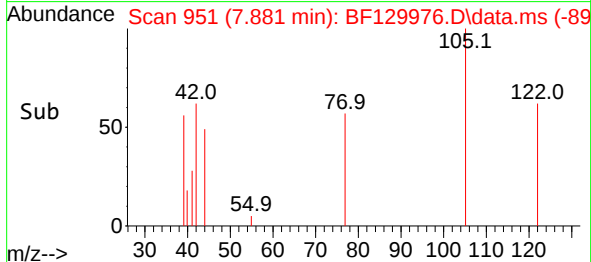
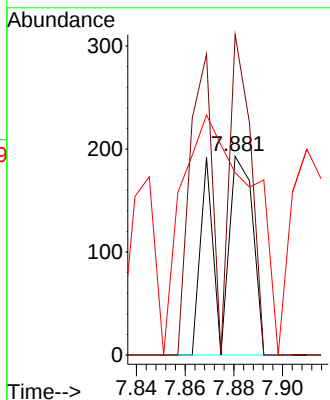
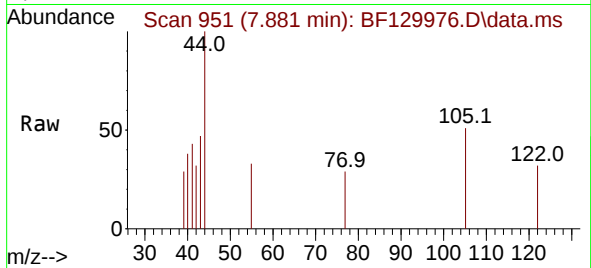




#32
Benzoic acid
Concen: 2.268 ng
RT: 7.881 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF129976.D
Acq: 24 Aug 2022 17:20

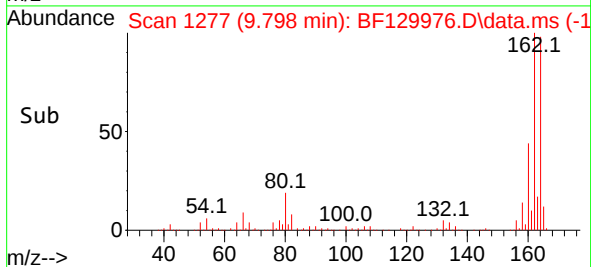
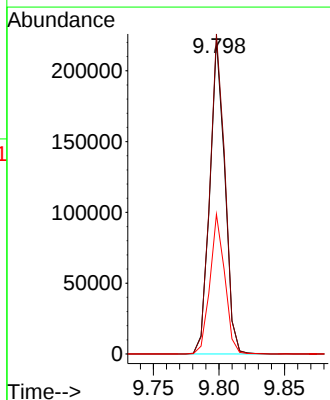
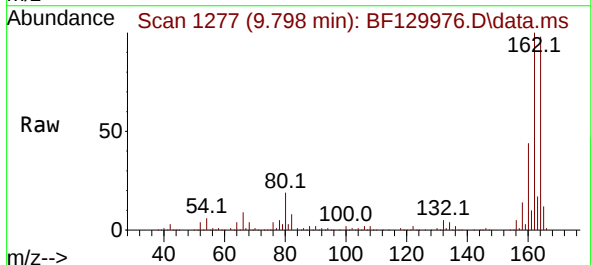
Instrument :
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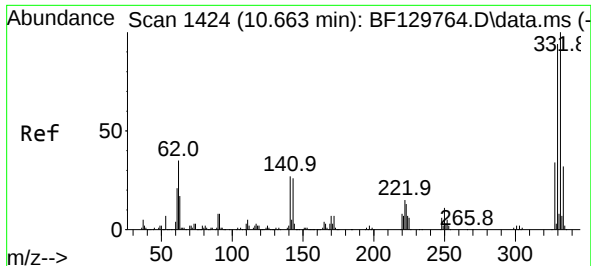
Tgt Ion:122 Resp: 195
Ion Ratio Lower Upper
122 100
105 161.1 99.9 139.9#
77 91.7 65.9 105.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF129976.D
Acq: 24 Aug 2022 17:20

Tgt Ion:164 Resp: 176191
Ion Ratio Lower Upper
164 100
162 101.7 82.0 123.0
160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 120.104 ng

RT: 10.598 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF129976.D

Acq: 24 Aug 2022 17:20

Instrument :

BNA_F

ClientSampleId :

MW-106S

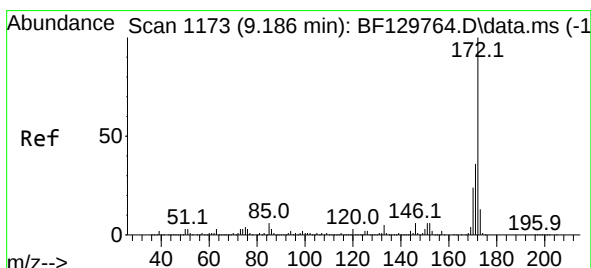
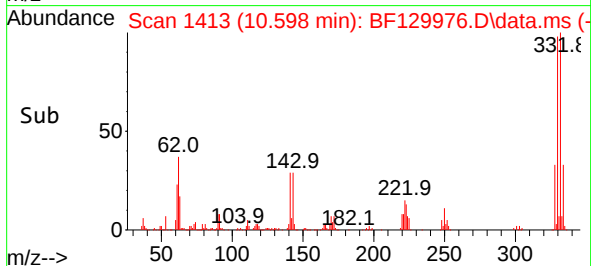
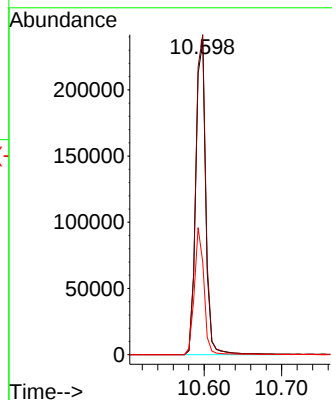
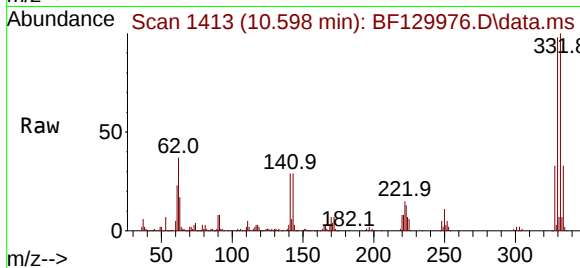
Tgt Ion:330 Resp: 212385

Ion Ratio Lower Upper

330 100

332 102.7 82.6 124.0

141 38.8 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 91.315 ng

RT: 9.122 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF129976.D

Acq: 24 Aug 2022 17:20

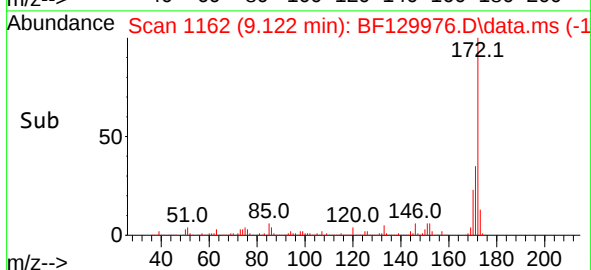
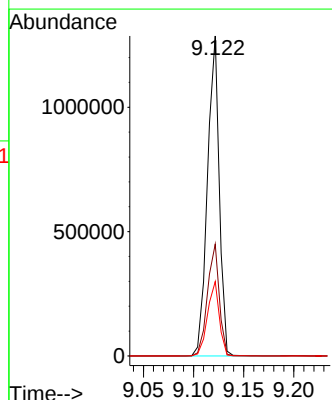
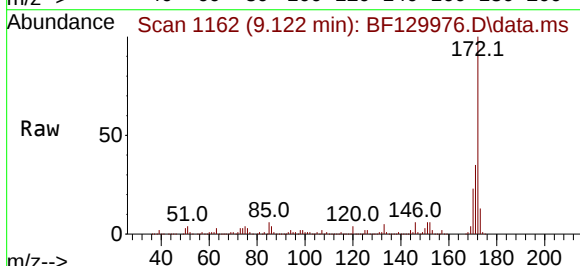
Tgt Ion:172 Resp: 1059316

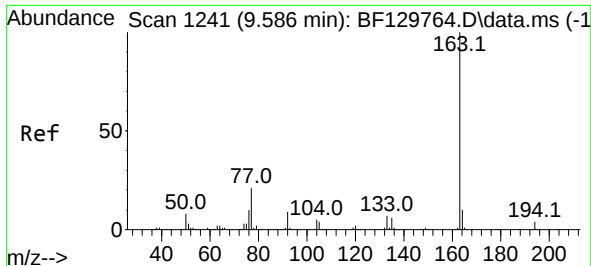
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.2 19.1 28.7

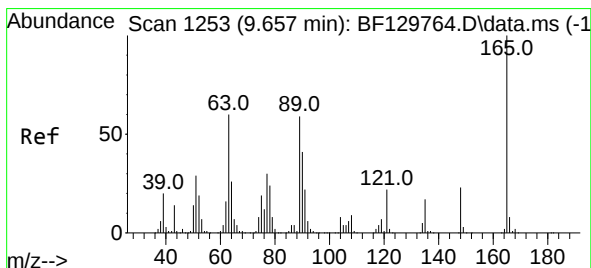
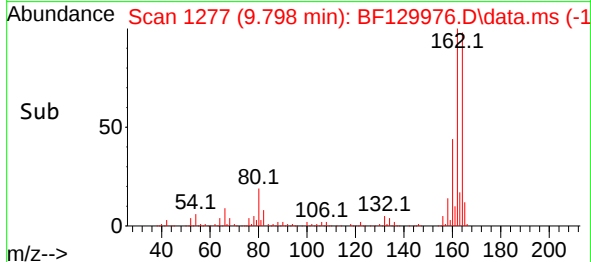
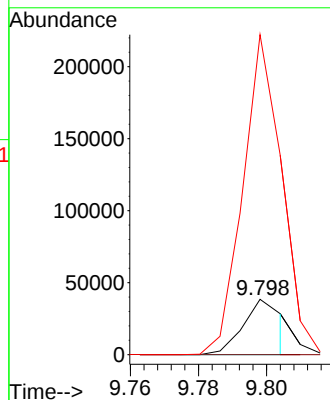
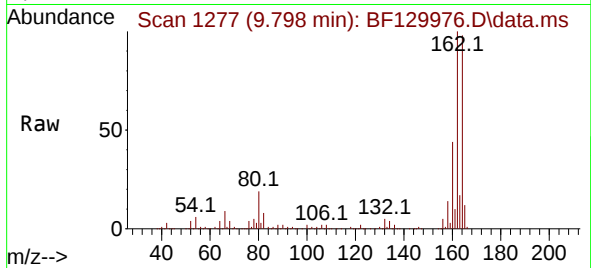




#50
Dimethylphthalate
Concen: 2.407 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.265 min
Lab File: BF129976.D
Acq: 24 Aug 2022 17:20

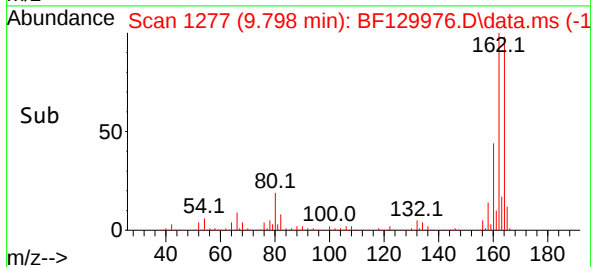
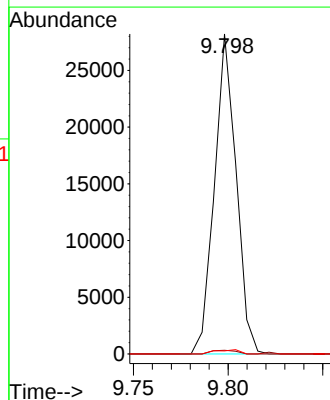
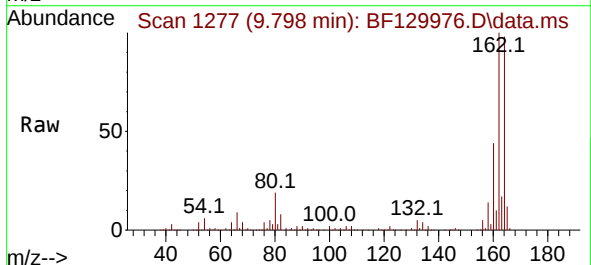
Instrument :
BNA_F
ClientSampleId :
MW-106S

Tgt Ion:163 Resp: 30398
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 578.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.204 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.194 min
Lab File: BF129976.D
Acq: 24 Aug 2022 17:20

Tgt Ion:165 Resp: 22478
Ion Ratio Lower Upper
165 100
63 1.1 47.8 71.8#
89 1.0 47.2 70.8#

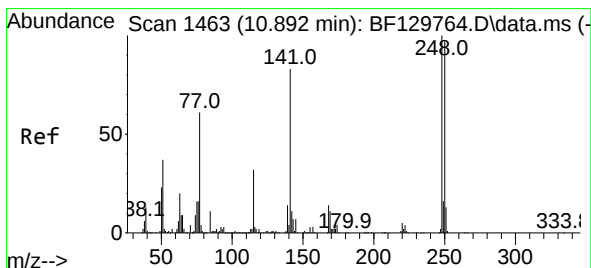
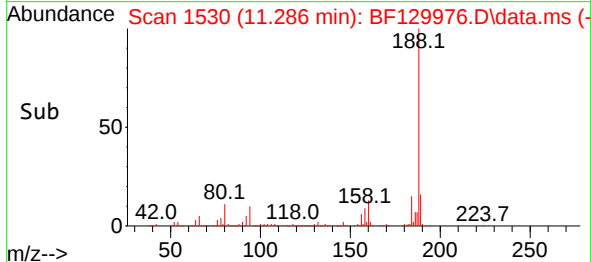
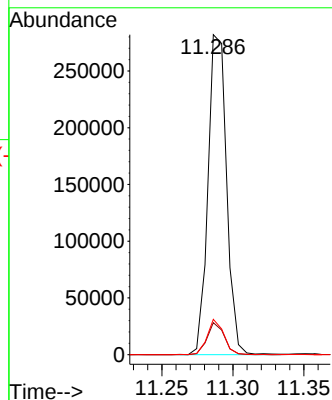
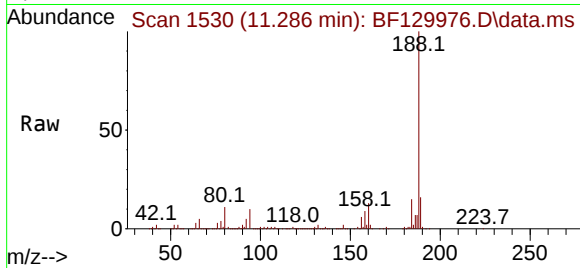




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129976.D
Acq: 24 Aug 2022 17:20

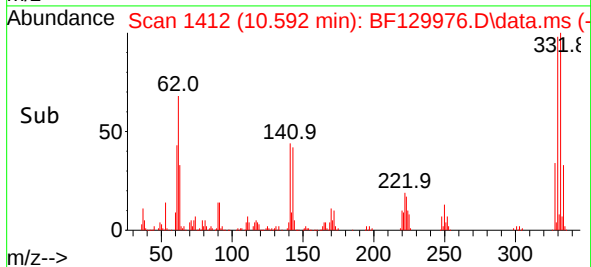
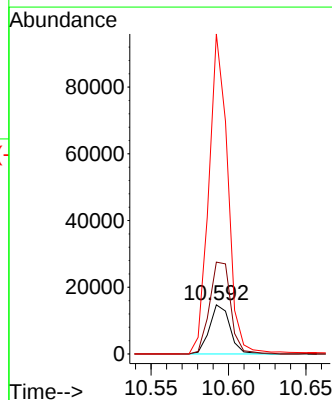
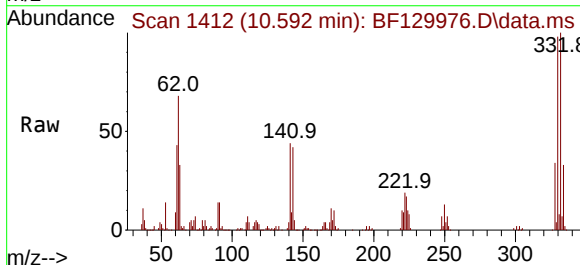
Instrument :
BNA_F
ClientSampleId :
MW-106S

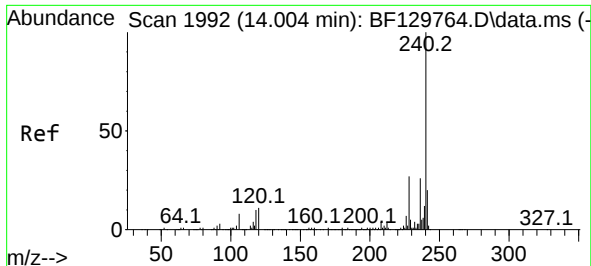
Tgt Ion:188 Resp: 257773
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 11.1 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.474 ng
RT: 10.592 min Scan# 1412
Delta R.T. -0.241 min
Lab File: BF129976.D
Acq: 24 Aug 2022 17:20

Tgt Ion:248 Resp: 13507
Ion Ratio Lower Upper
248 100
250 187.2 77.8 116.6#
141 652.3 66.2 99.2#

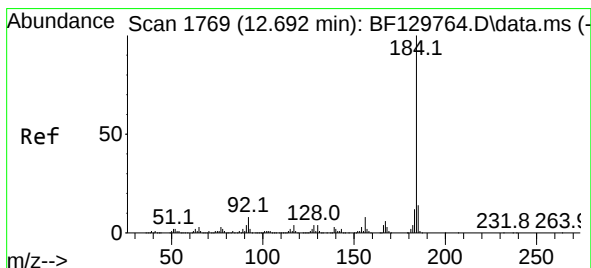
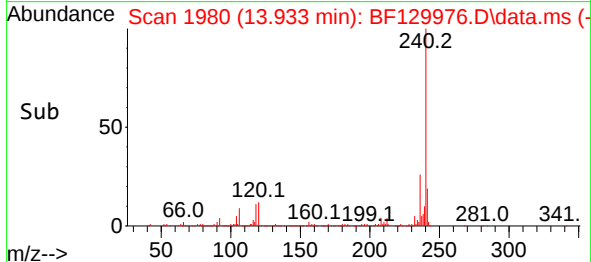
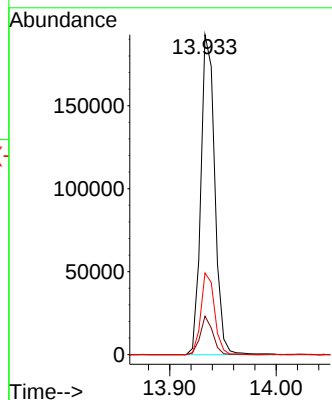
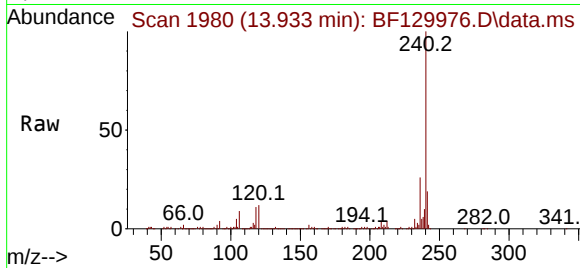




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF129976.D
Acq: 24 Aug 2022 17:20

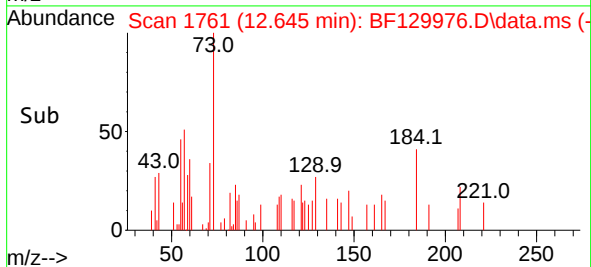
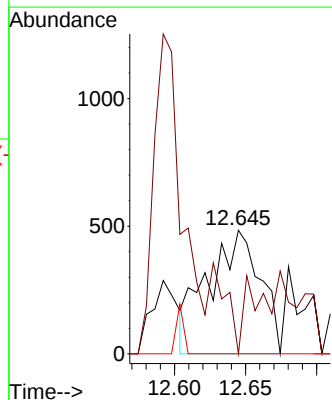
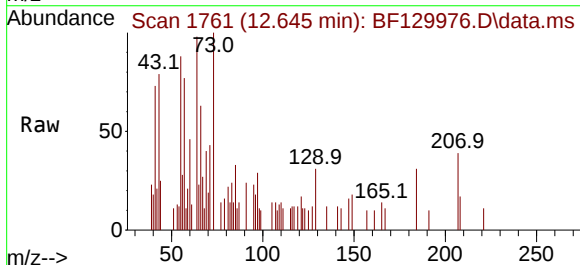
Instrument :
BNA_F
ClientSampleId :
MW-106S

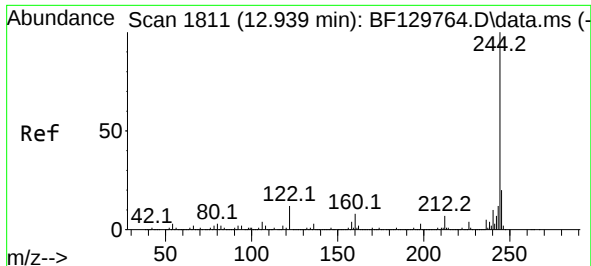
Tgt Ion:240 Resp: 175722
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.6 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.645 min Scan# 1761
Delta R.T. 0.012 min
Lab File: BF129976.D
Acq: 24 Aug 2022 17:20

Tgt Ion:184 Resp: 1249
Ion Ratio Lower Upper
184 100
185 0.0 11.4 17.2#
183 0.0 9.4 14.2#

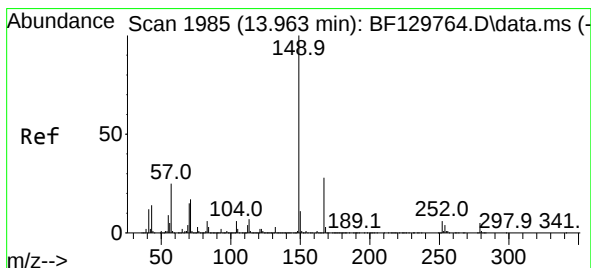
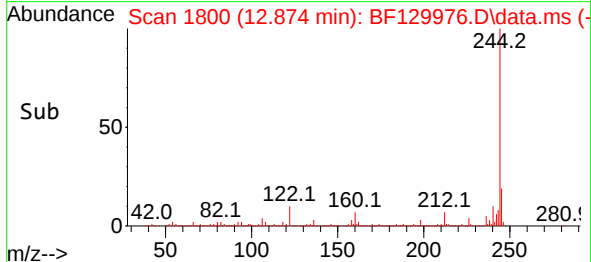
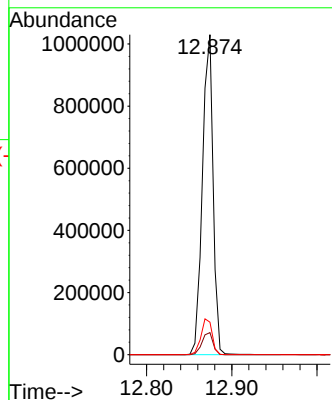
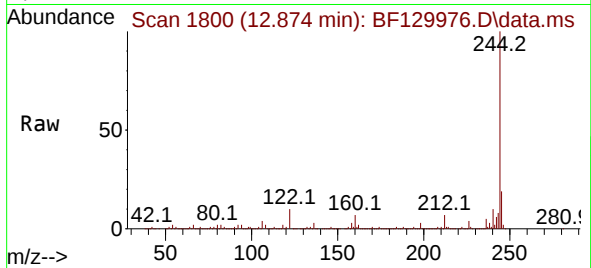




#79
 Terphenyl-d14
 Concen: 85.002 ng
 RT: 12.874 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: BF129976.D
 Acq: 24 Aug 2022 17:20

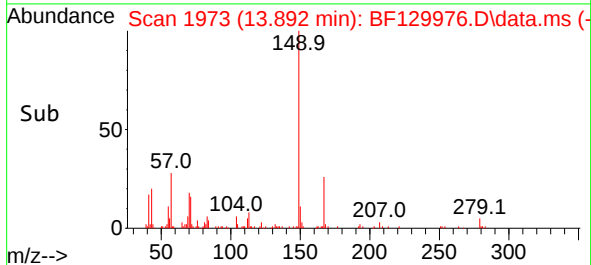
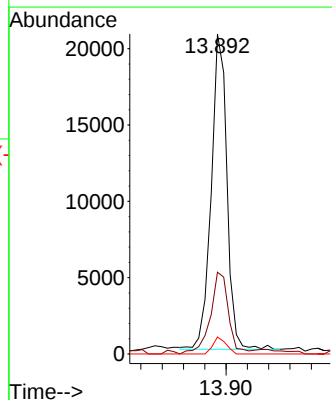
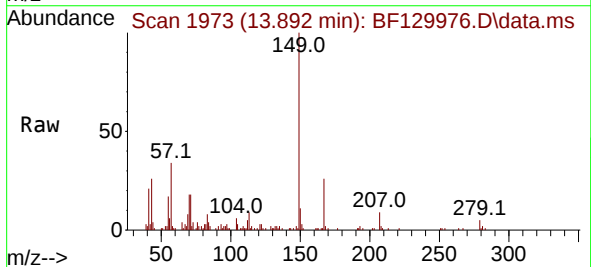
Instrument :
 BNA_F
 ClientSampleId :
 MW-106S

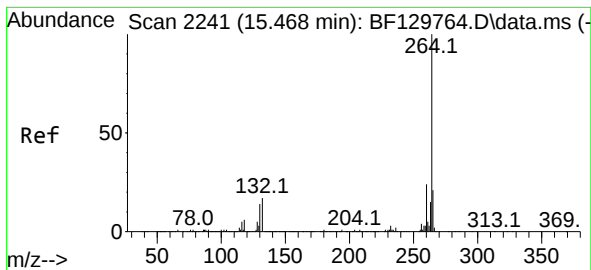
Tgt Ion:244 Resp: 897671
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.1 9.9 14.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.765 ng
 RT: 13.892 min Scan# 1973
 Delta R.T. -0.006 min
 Lab File: BF129976.D
 Acq: 24 Aug 2022 17:20

Tgt Ion:149 Resp: 21195
 Ion Ratio Lower Upper
 149 100
 167 25.6 22.0 33.0
 279 5.3 3.6 5.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF129976.D

Acq: 24 Aug 2022 17:20

Instrument :

BNA_F

ClientSampleId :

MW-106S

Tgt Ion:264 Resp: 185581

Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 21.4 16.7 25.1

