

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129980.D
 Acq On : 24 Aug 2022 19:46
 Operator : CG\JU
 Sample : N4244-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105S

Quant Time: Aug 25 04:14:17 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)

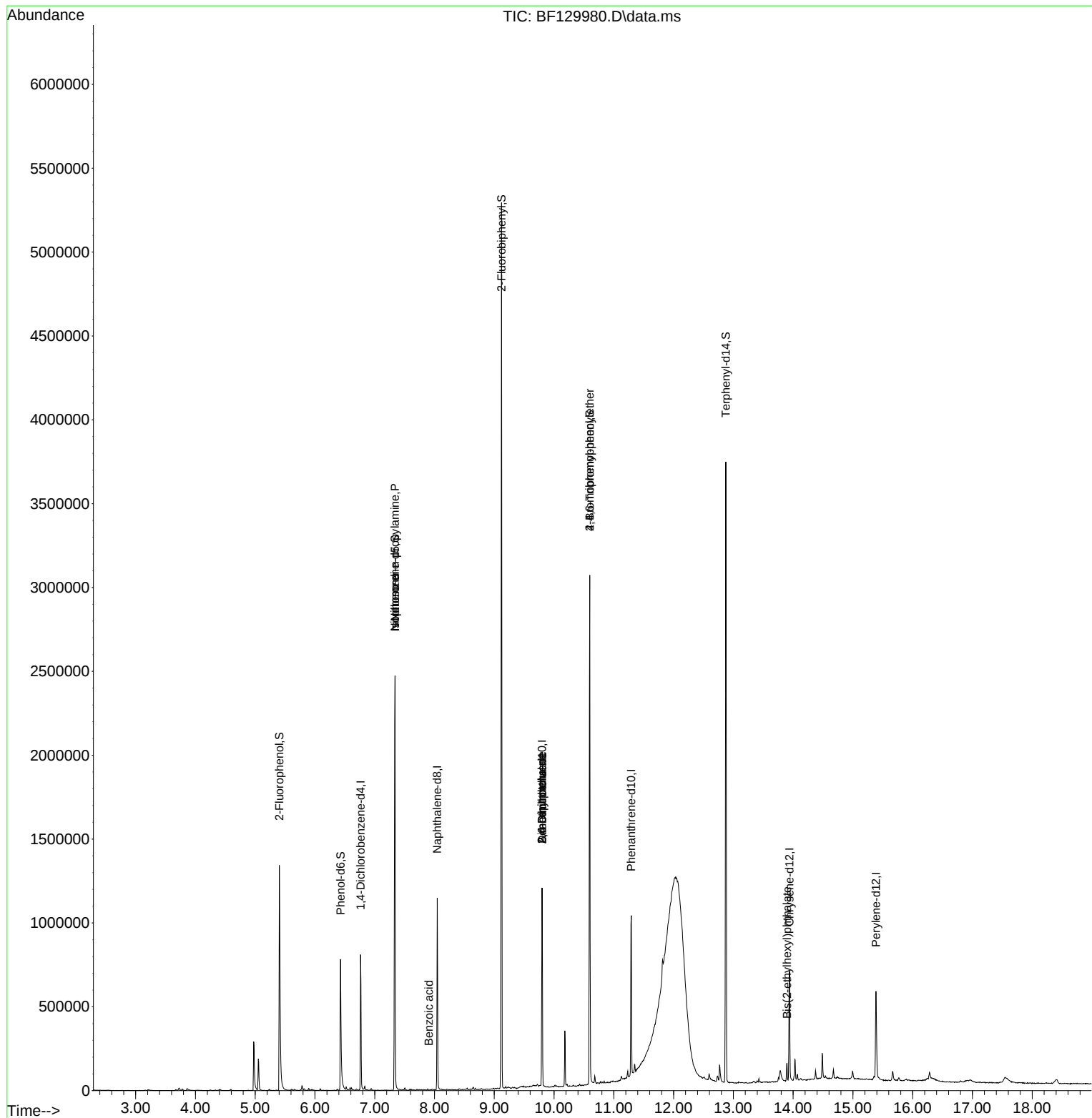
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	111165	20.000	ng	0.00
21) Naphthalene-d8	8.046	136	446634	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	226000	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	349305	20.000	ng	0.00
76) Chrysene-d12	13.939	240	216617	20.000	ng	0.00
86) Perylene-d12	15.386	264	229090	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	413010	61.514	ng	0.00
7) Phenol-d6	6.428	99	303159	36.056	ng	0.00
23) Nitrobenzene-d5	7.340	82	817155	97.941	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	322578	142.215	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1438805	96.693	ng	0.00
79) Terphenyl-d14	12.875	244	1100683	84.549	ng	0.00
Target Compounds						
9) Benzaldehyde	6.369	77	272	Below Cal	Qvalue #	48
19) n-Nitroso-di-n-propyla...	7.340	70	112494	21.167 ng	#	75
25) Isophorone	7.340	82	817150	56.904 ng	#	65
32) Benzoic acid	7.904	122	54	2.175 ng	#	1
50) Dimethylphthalate	9.798	163	38486	2.376 ng	#	1
51) 2,6-Dinitrotoluene	9.798	165	29127	8.288 ng	#	23
57) 2,4-Dinitrotoluene	9.798	165	29127	6.384 ng	#	18
67) 4-Bromophenyl-phenylether	10.598	248	20182	4.933 ng	#	1
77) Benzidine	12.875	184	17060	Below Cal	#	92
84) Bis(2-ethylhexyl)phtha...	13.898	149	29108	3.080 ng		98

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

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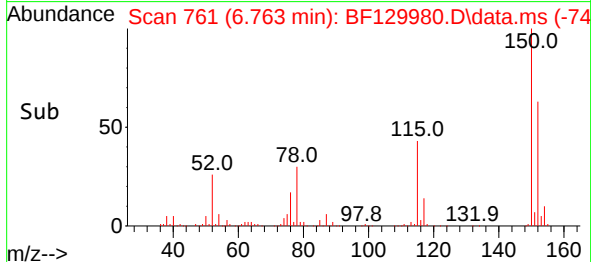
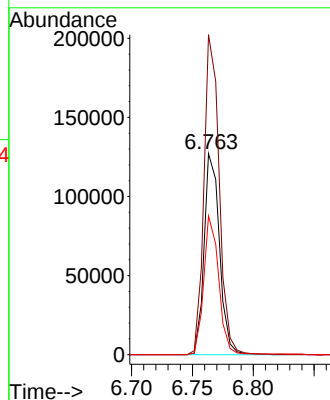
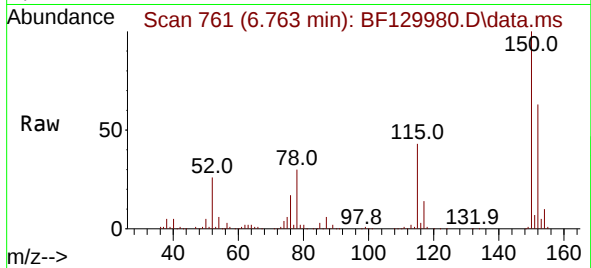




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129980.D
Acq: 24 Aug 2022 19:46

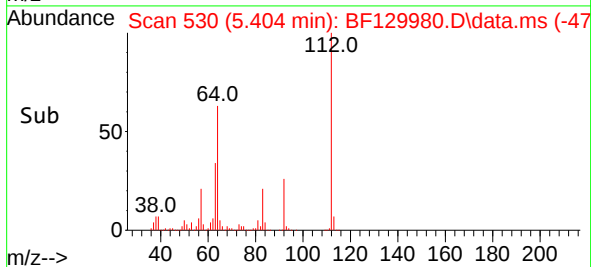
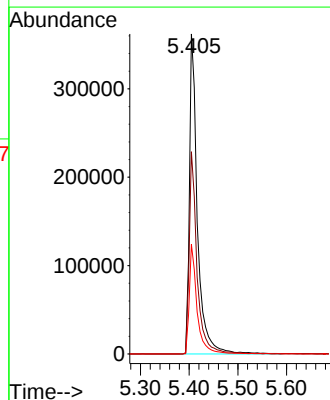
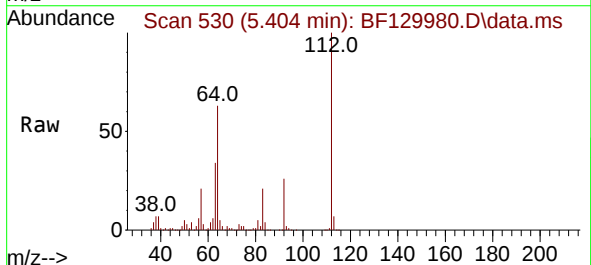
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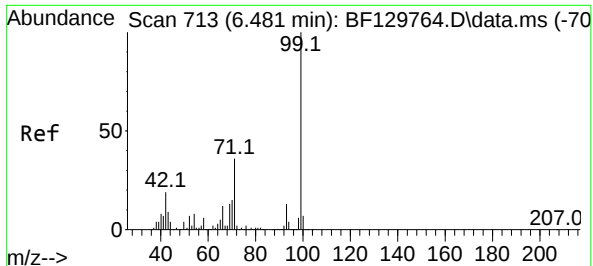
Tgt Ion:152 Resp: 111165
Ion Ratio Lower Upper
152 100
150 159.0 126.9 190.3
115 68.9 53.4 80.0



#5
2-Fluorophenol
Concen: 61.514 ng
RT: 5.404 min Scan# 530
Delta R.T. 0.000 min
Lab File: BF129980.D
Acq: 24 Aug 2022 19:46

Tgt Ion:112 Resp: 413010
Ion Ratio Lower Upper
112 100
64 63.2 47.6 71.4
63 34.2 24.6 37.0

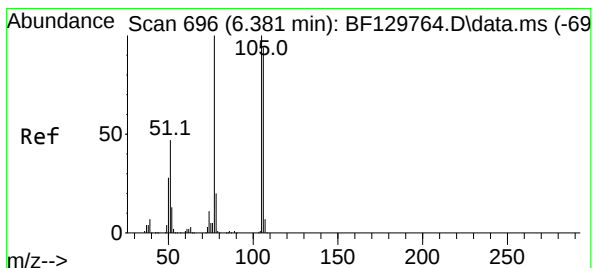
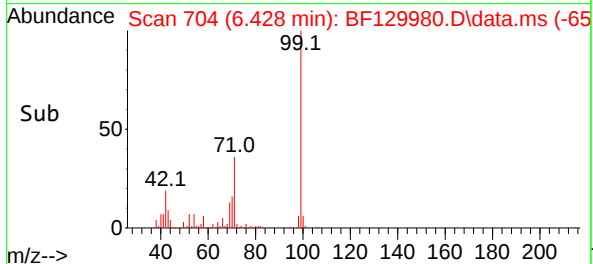
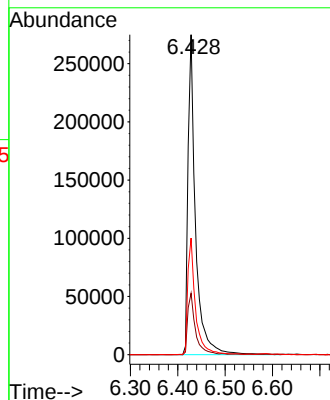
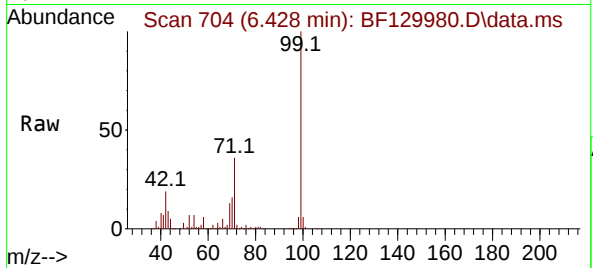




#7
Phenol-d6
Concen: 36.056 ng
RT: 6.428 min Scan# 704
Delta R.T. 0.000 min
Lab File: BF129980.D
Acq: 24 Aug 2022 19:46

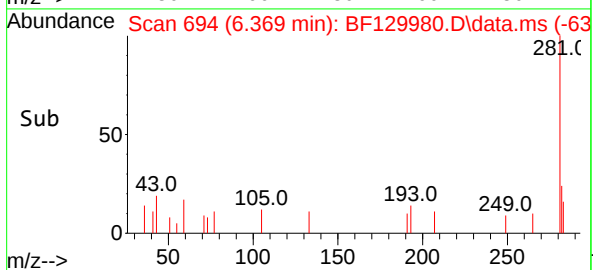
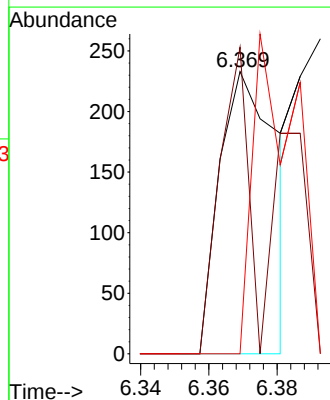
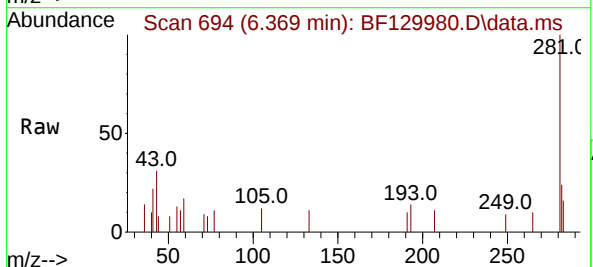
Instrument :
BNA_F
ClientSampleId :
MW-105S

Tgt Ion: 99 Resp: 303159
Ion Ratio Lower Upper
99 100
42 19.2 15.0 22.4
71 36.5 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.369 min Scan# 694
Delta R.T. 0.041 min
Lab File: BF129980.D
Acq: 24 Aug 2022 19:46

Tgt Ion: 77 Resp: 272
Ion Ratio Lower Upper
77 100
105 108.6 80.3 120.3
106 0.0 74.3 114.3#





#19

n-Nitroso-di-n-propylamine

Concen: 21.167 ng

RT: 7.340 min Scan# 842

Delta R.T. 0.153 min

Lab File: BF129980.D

Acq: 24 Aug 2022 19:46

Instrument :

BNA_F

ClientSampleId :

MW-105S

Tgt Ion: 70 Resp: 112494

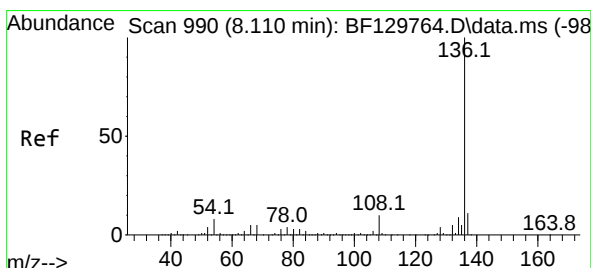
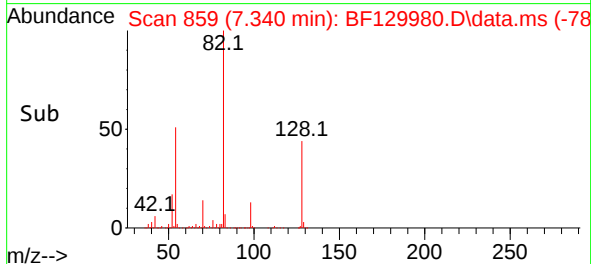
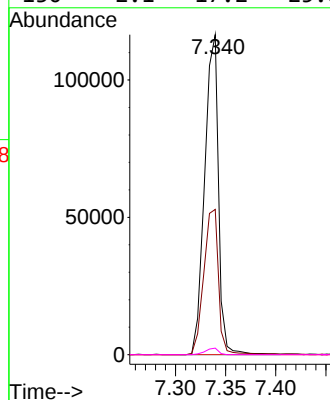
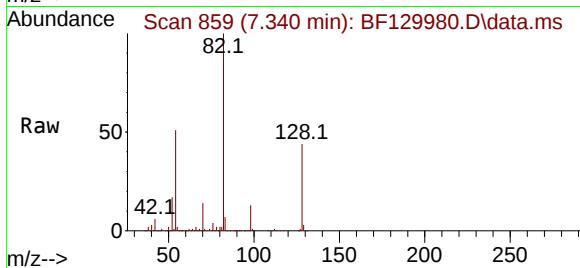
Ion Ratio Lower Upper

70 100

42 45.4 47.6 71.4#

101 0.0 8.1 12.1#

130 2.1 17.2 25.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.046 min Scan# 979

Delta R.T. -0.006 min

Lab File: BF129980.D

Acq: 24 Aug 2022 19:46

Tgt Ion: 136 Resp: 446634

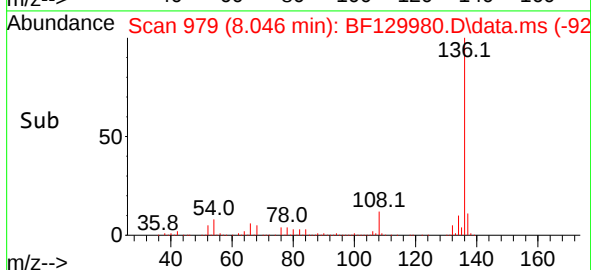
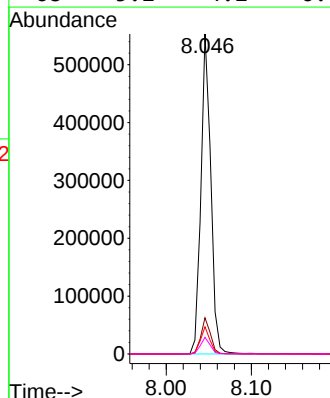
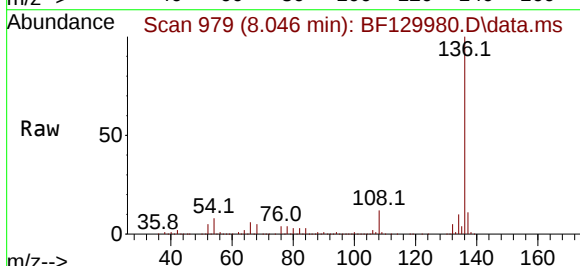
Ion Ratio Lower Upper

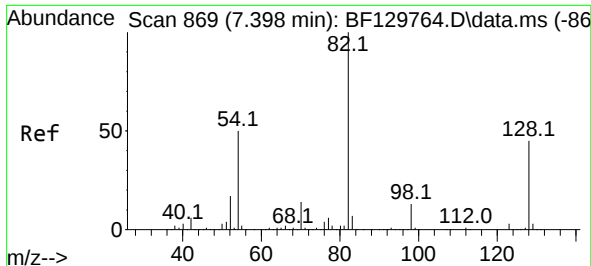
136 100

137 11.3 8.4 12.6

54 8.5 6.2 9.2

68 5.2 4.2 6.4

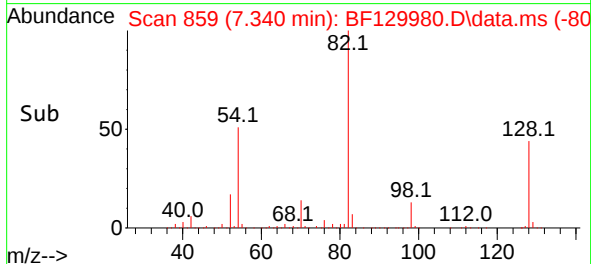
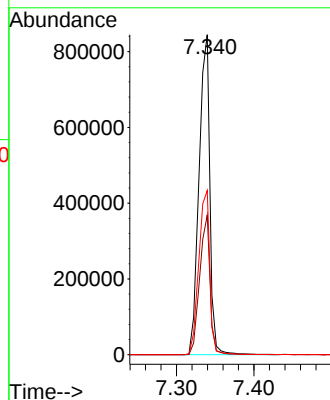
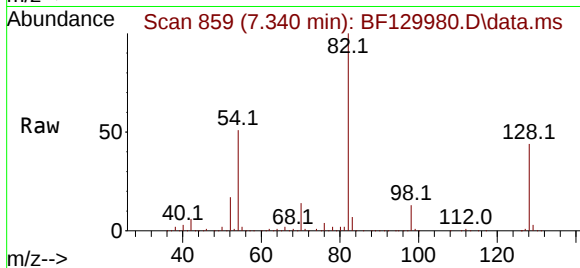




#23
Nitrobenzene-d5
Concen: 97.941 ng
RT: 7.340 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129980.D
Acq: 24 Aug 2022 19:46

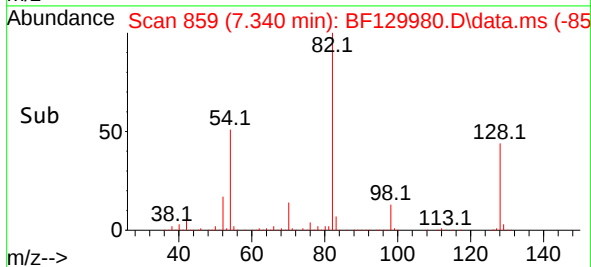
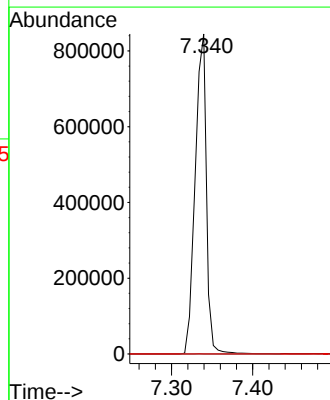
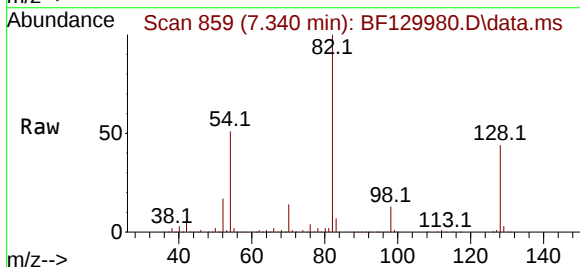
Instrument :
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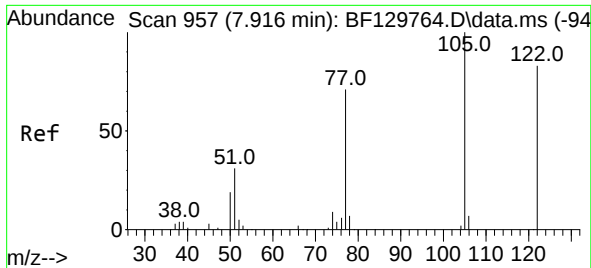
Tgt Ion: 82 Resp: 817155
Ion Ratio Lower Upper
82 100
128 43.6 36.1 54.1
54 51.3 40.0 60.0



#25
Isophorone
Concen: 56.904 ng
RT: 7.340 min Scan# 859
Delta R.T. -0.259 min
Lab File: BF129980.D
Acq: 24 Aug 2022 19:46

Tgt Ion: 82 Resp: 817150
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

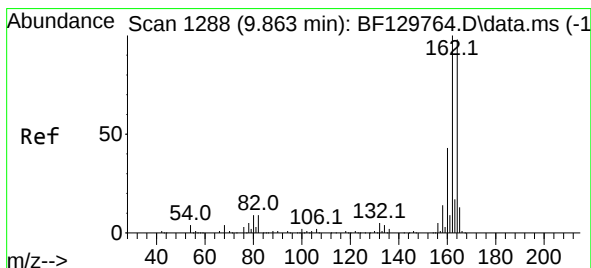
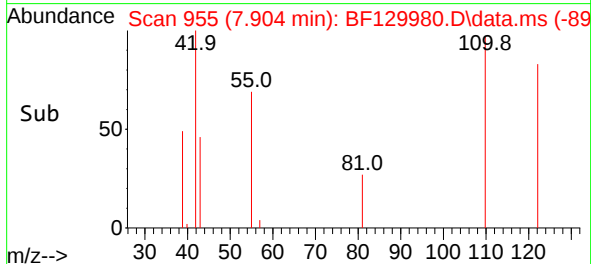
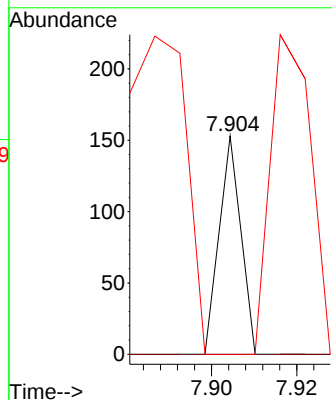
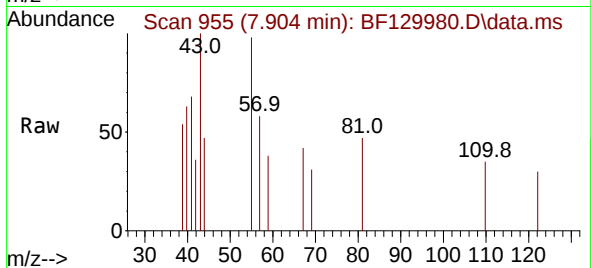




#32
Benzoic acid
Concen: 2.175 ng
RT: 7.904 min Scan# 91
Delta R.T. 0.030 min
Lab File: BF129980.D
Acq: 24 Aug 2022 19:46

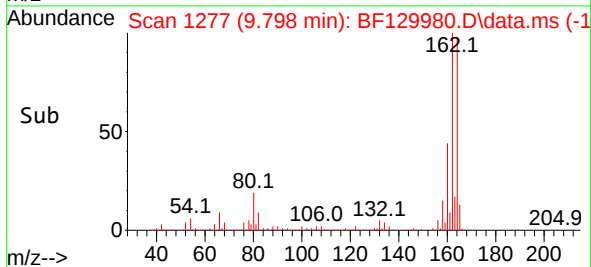
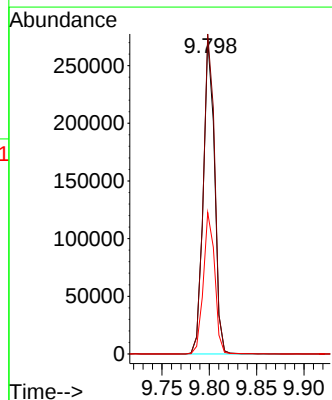
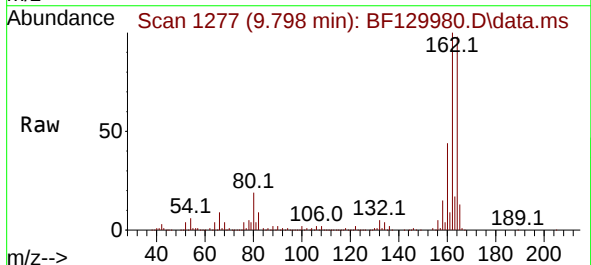
Instrument :
BNA_F
ClientSampleId :
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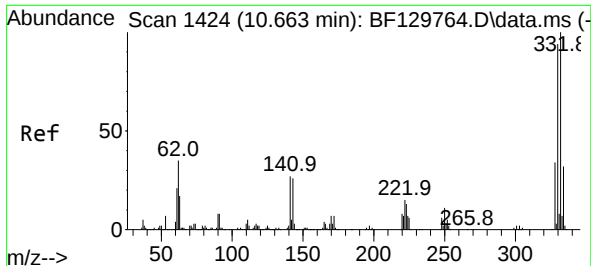
Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 99.9 139.9#
77 0.0 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF129980.D
Acq: 24 Aug 2022 19:46

Tgt Ion:164 Resp: 226000
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 45.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 142.215 ng

RT: 10.598 min Scan# 1413

Delta R.T. -0.006 min

Lab File: BF129980.D

Acq: 24 Aug 2022 19:46

Instrument :

BNA_F

ClientSampleId :

MW-105S

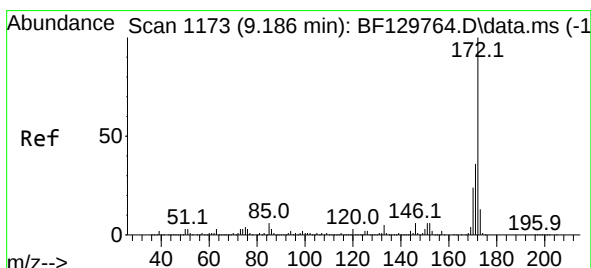
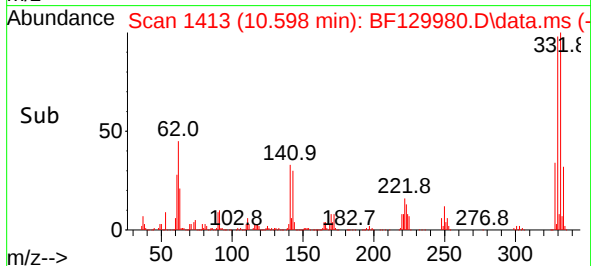
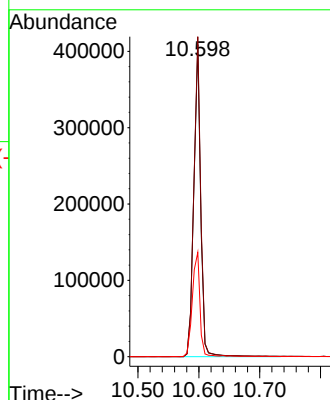
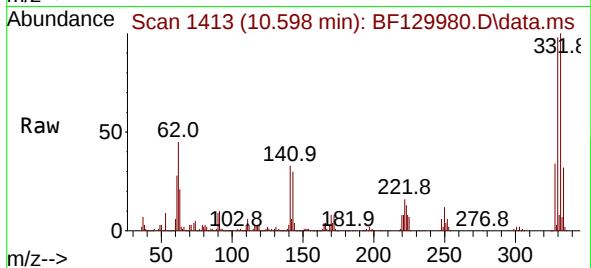
Tgt Ion:330 Resp: 322578

Ion Ratio Lower Upper

330 100

332 102.6 82.6 124.0

141 37.4 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 96.693 ng

RT: 9.122 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF129980.D

Acq: 24 Aug 2022 19:46

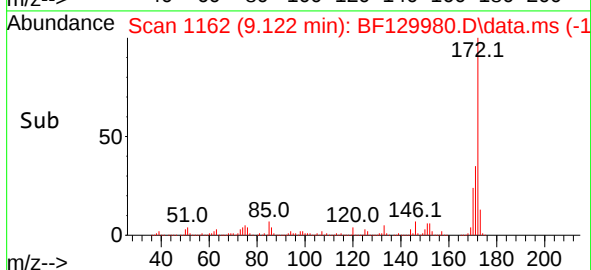
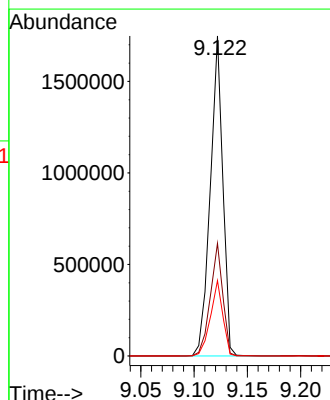
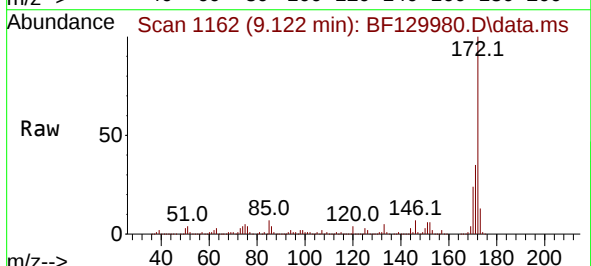
Tgt Ion:172 Resp: 1438805

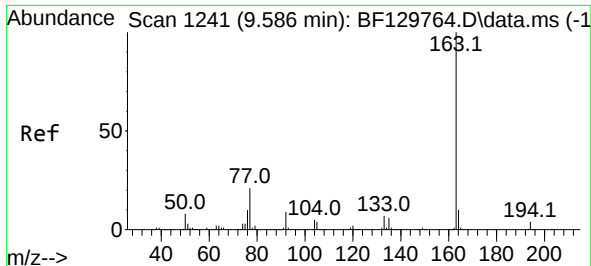
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.6 19.1 28.7

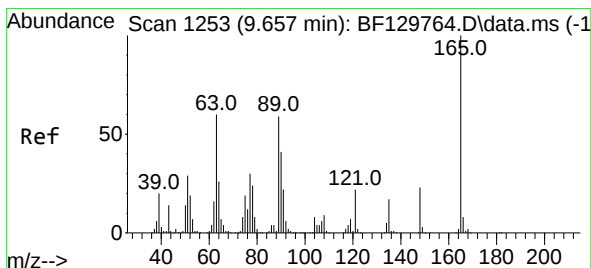
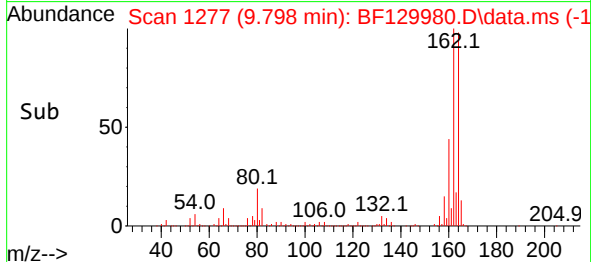
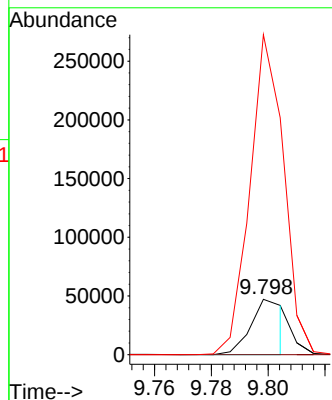
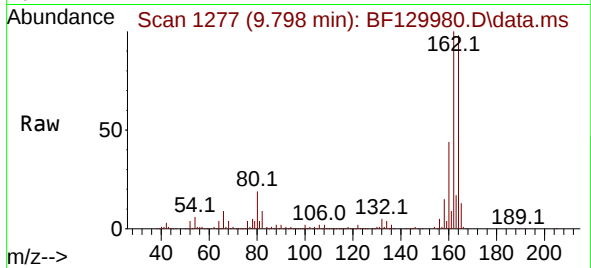




#50
Dimethylphthalate
Concen: 2.376 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.265 min
Lab File: BF129980.D
Acq: 24 Aug 2022 19:46

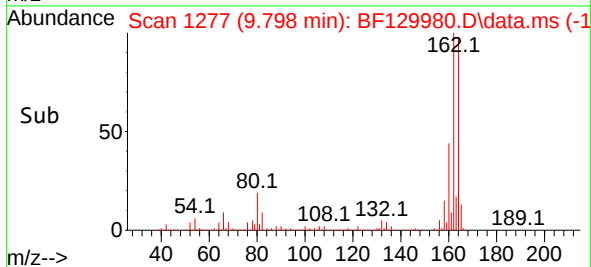
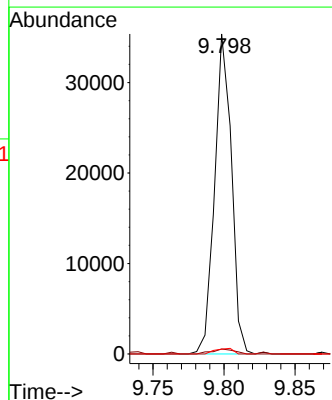
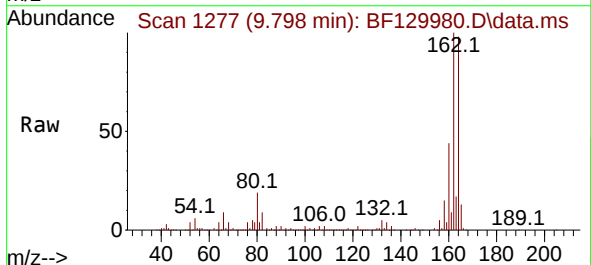
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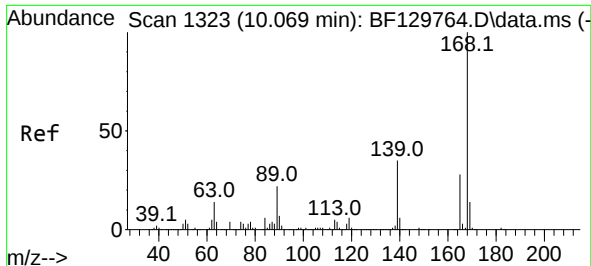
Tgt Ion:163 Resp: 38486
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 577.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.288 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.194 min
Lab File: BF129980.D
Acq: 24 Aug 2022 19:46

Tgt Ion:165 Resp: 29127
Ion Ratio Lower Upper
165 100
63 1.5 47.8 71.8#
89 1.5 47.2 70.8#

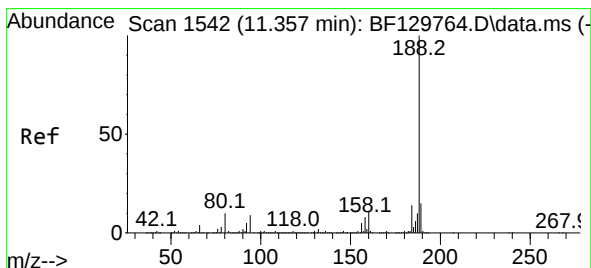
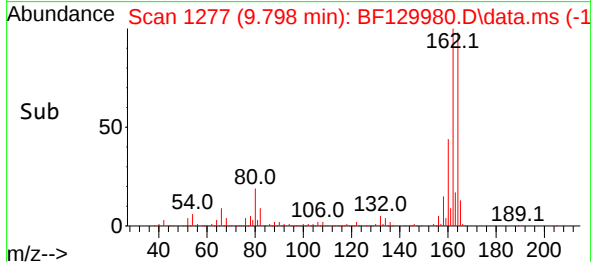
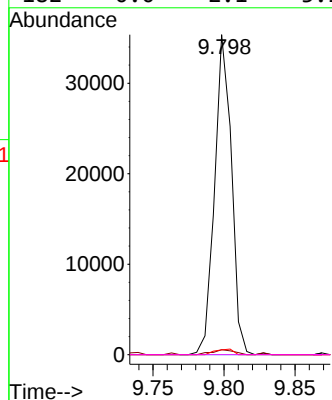
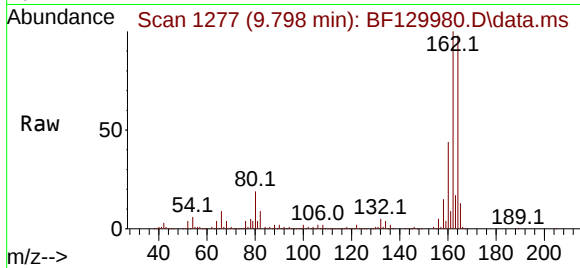




#57
2,4-Dinitrotoluene
Concen: 6.384 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.217 min
Lab File: BF129980.D
Acq: 24 Aug 2022 19:46

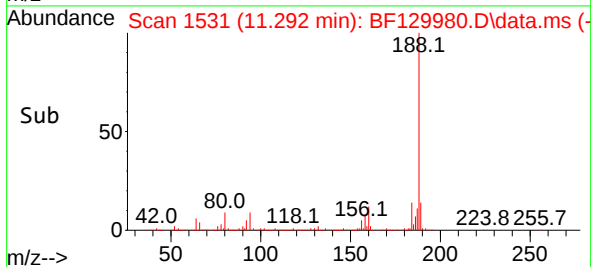
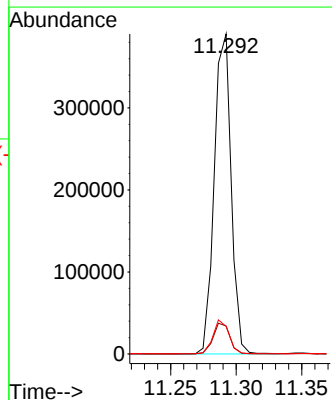
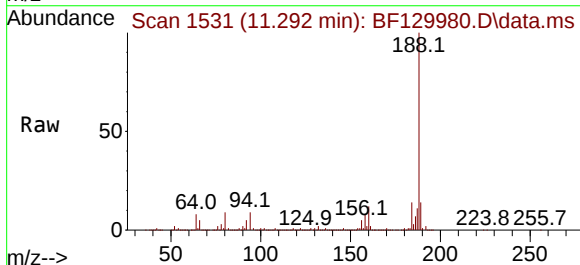
Instrument :
BNA_F
ClientSampleId :
MW-105S

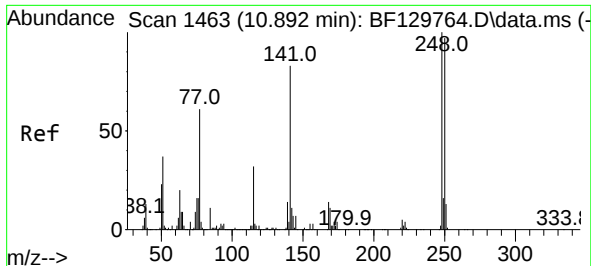
Tgt Ion:165 Resp: 29127
Ion Ratio Lower Upper
165 100
63 1.5 48.4 72.6#
89 1.5 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BF129980.D
Acq: 24 Aug 2022 19:46

Tgt Ion:188 Resp: 349305
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 8.6 7.9 11.9

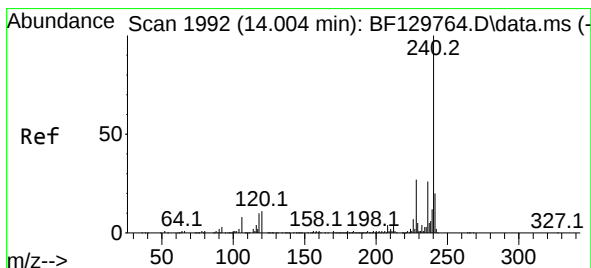
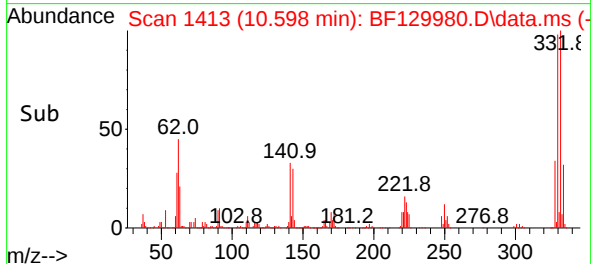
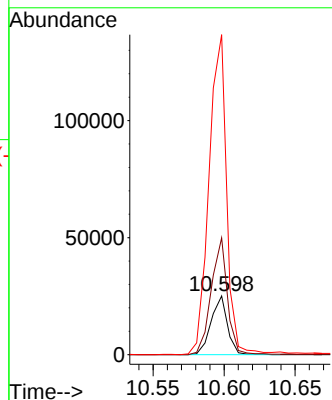
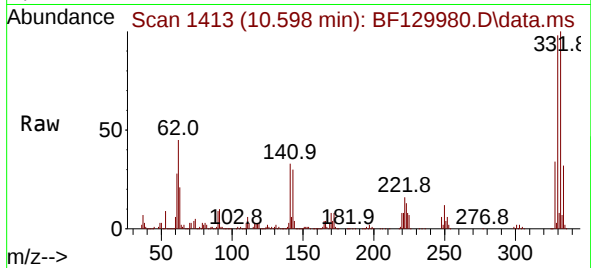




#67
4-Bromophenyl-phenylether
Concen: 4.933 ng
RT: 10.598 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF129980.D
Acq: 24 Aug 2022 19:46

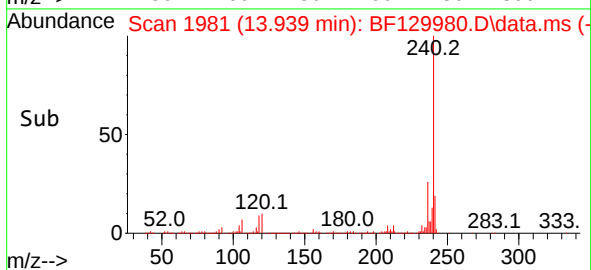
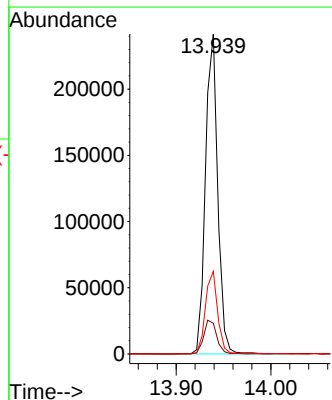
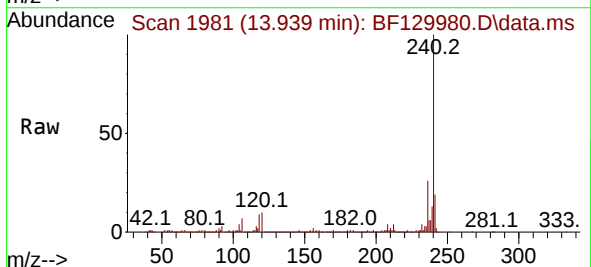
Instrument :
BNA_F
ClientSampleId :
MW-105S

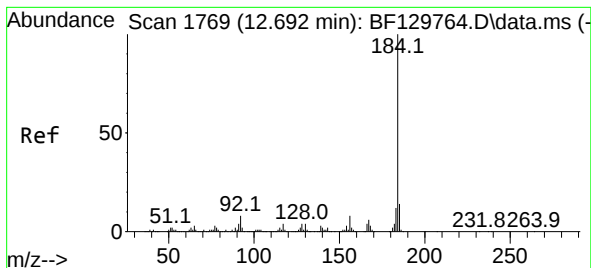
Tgt Ion:248 Resp: 20182
Ion Ratio Lower Upper
248 100
250 198.9 77.8 116.6#
141 544.9 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BF129980.D
Acq: 24 Aug 2022 19:46

Tgt Ion:240 Resp: 216617
Ion Ratio Lower Upper
240 100
120 9.6 9.2 13.8
236 25.8 20.7 31.1





#77

Benzidine

Concen: Below Cal

RT: 12.875 min Scan# 1800

Delta R.T. 0.241 min

Lab File: BF129980.D

Acq: 24 Aug 2022 19:46

Instrument :

BNA_F

ClientSampleId :

MW-105S

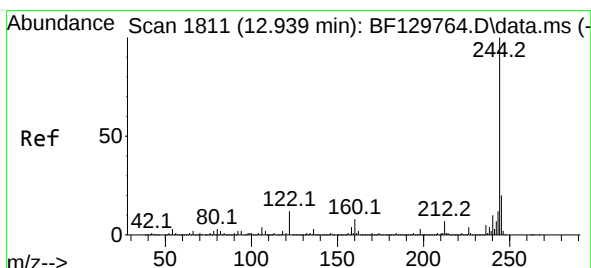
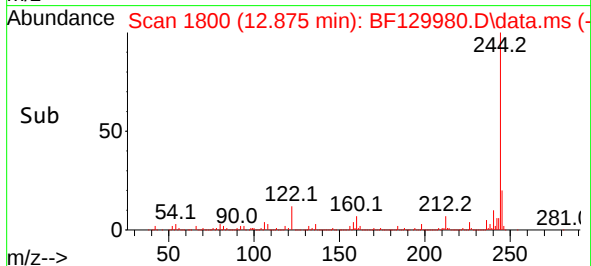
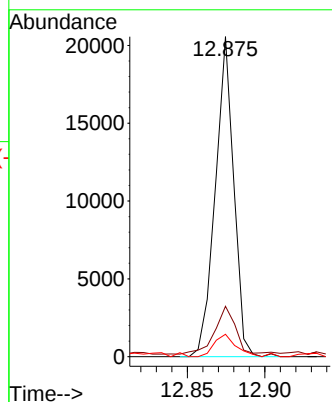
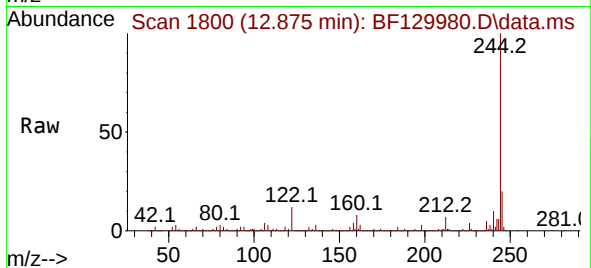
Tgt Ion:184 Resp: 17060

Ion Ratio Lower Upper

184 100

185 15.8 11.4 17.2

183 7.0 9.4 14.2#



#79

Terphenyl-d14

Concen: 84.549 ng

RT: 12.875 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF129980.D

Acq: 24 Aug 2022 19:46

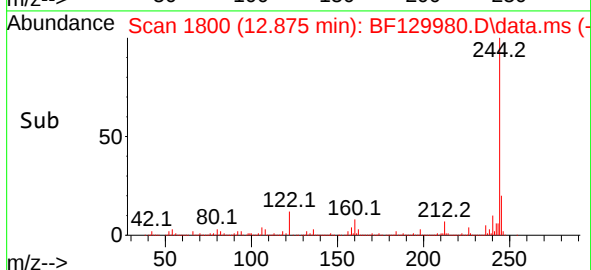
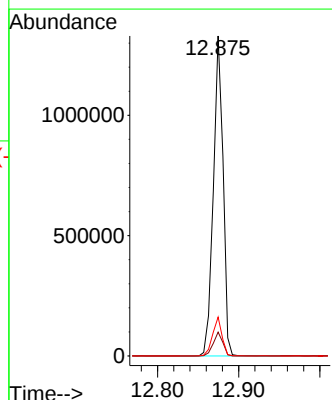
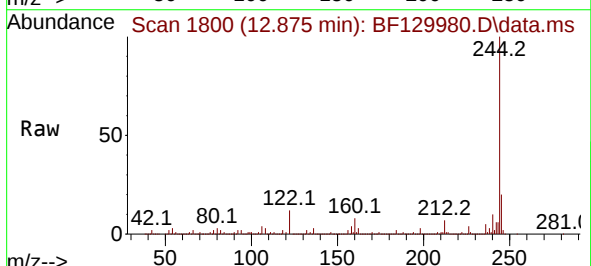
Tgt Ion:244 Resp: 1100683

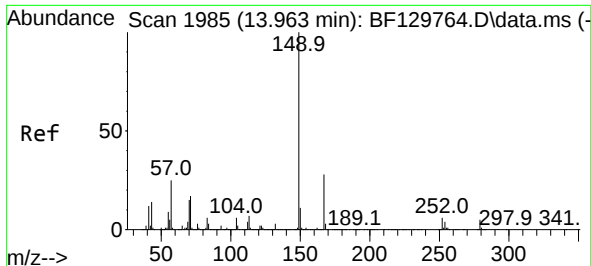
Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 12.2 9.9 14.9

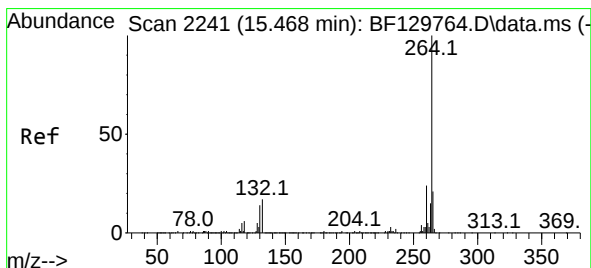
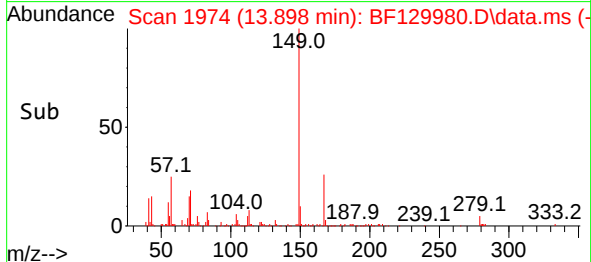
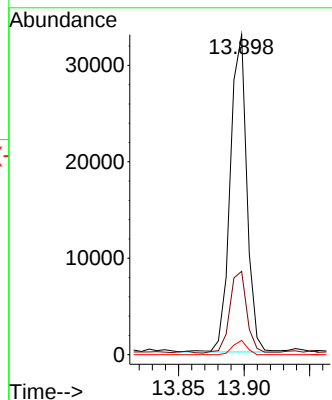
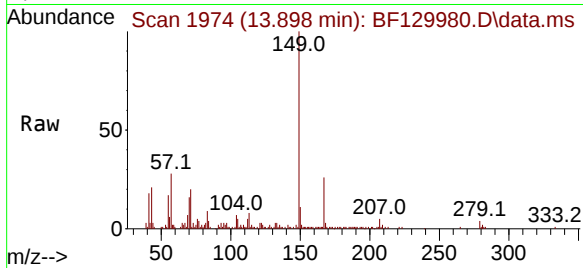




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.080 ng
RT: 13.898 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF129980.D
Acq: 24 Aug 2022 19:46

Instrument :
BNA_F
ClientSampleId :
MW-105S

Tgt Ion:149 Resp: 29108
Ion Ratio Lower Upper
149 100
167 26.0 22.0 33.0
279 4.5 3.6 5.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.386 min Scan# 2227
Delta R.T. 0.000 min
Lab File: BF129980.D
Acq: 24 Aug 2022 19:46

Tgt Ion:264 Resp: 229090
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 22.0 16.7 25.1

