

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081822\
 Data File : BF129893.D
 Acq On : 19 Aug 2022 00:29
 Operator : CG\JU
 Sample : N4211-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Aug 19 01:07:50 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 18 12:03:10 2022
 Response via : Initial Calibration

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

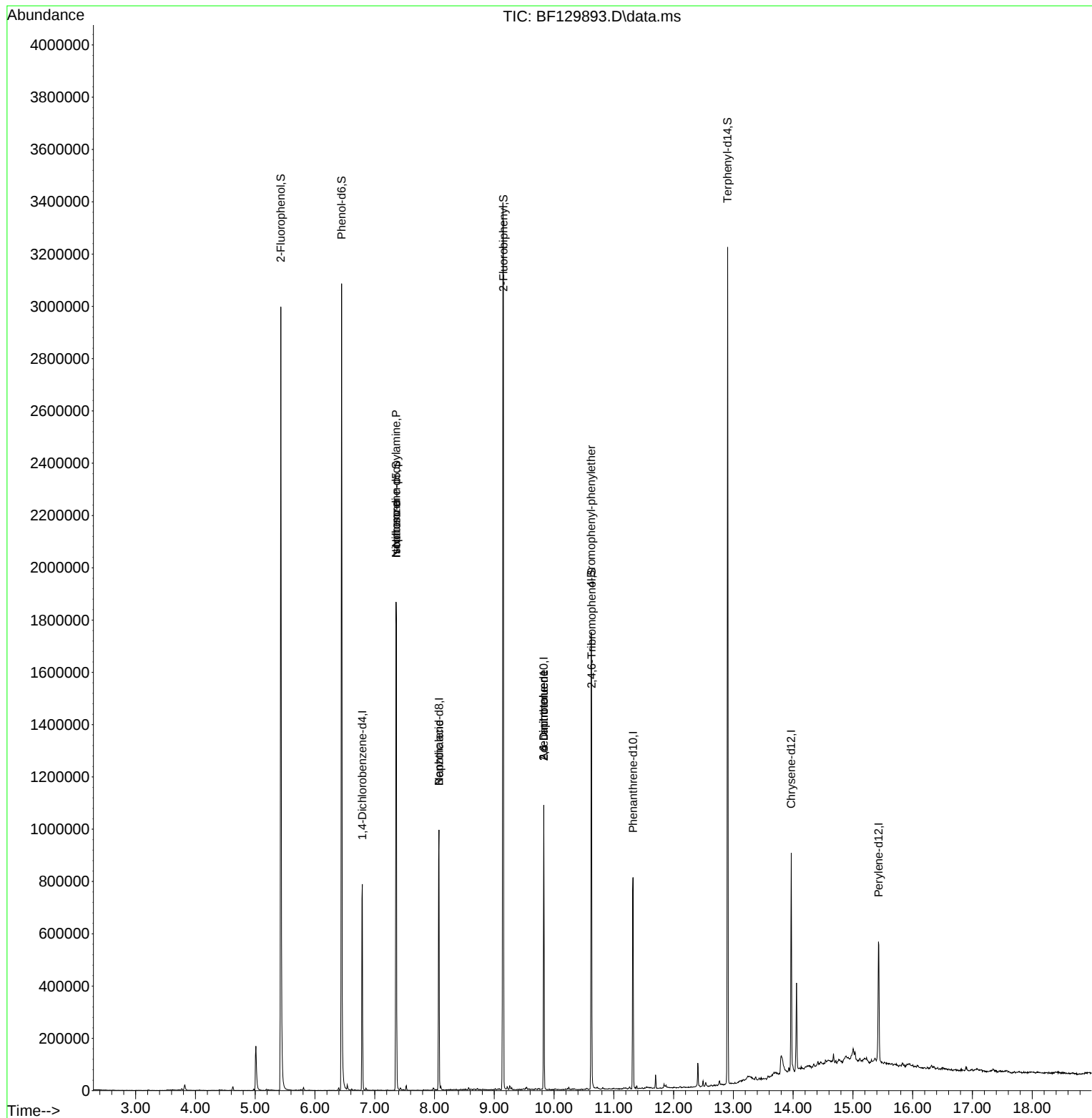
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	120542	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	442264	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	195944	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	296260	20.000	ng	0.00
76) Chrysene-d12	13.969	240	255728	20.000	ng	0.00
86) Perylene-d12	15.427	264	209101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	816563	112.159	ng	0.00
7) Phenol-d6	6.445	99	1004965	110.228	ng	0.00
23) Nitrobenzene-d5	7.357	82	637873	77.208	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	192300	97.783	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1082763	83.927	ng	0.00
79) Terphenyl-d14	12.904	244	989752	64.400	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.445	77	1450	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	84250	14.620	ng	# 77
25) Isophorone	7.357	82	637866	44.858	ng	# 65
32) Benzoic acid	8.075	122	60	2.178	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	24744	8.121	ng	# 23
57) 2,4-Dinitrotoluene	9.828	165	24744	6.256	ng	# 18
67) 4-Bromophenyl-phenylether	10.622	248	11870	3.421	ng	# 1
77) Benzidine	12.904	184	13741	Below Cal	#	90

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

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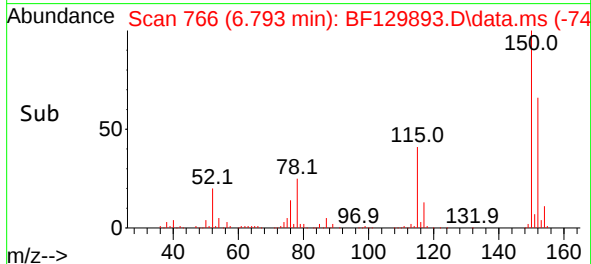
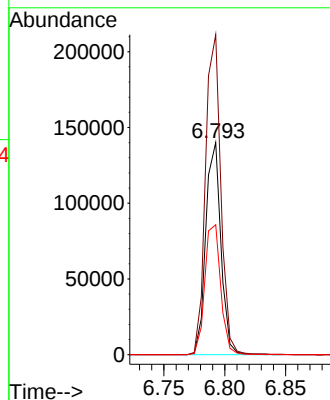
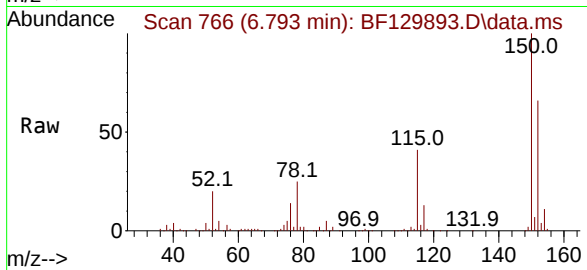




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF129893.D
Acq: 19 Aug 2022 00:29

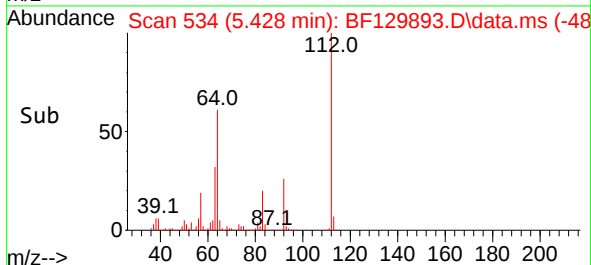
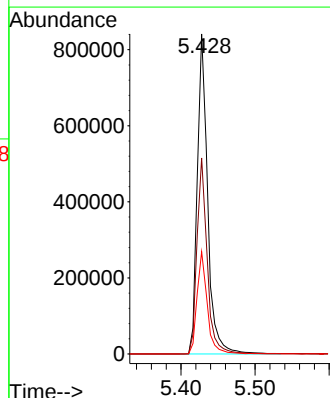
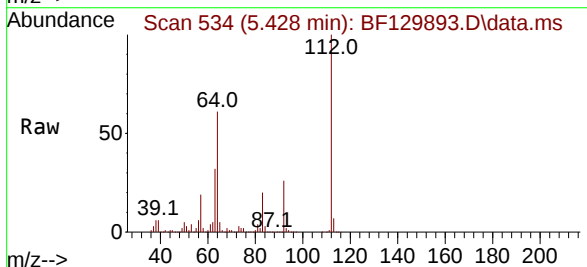
Instrument :
BNA_F
ClientSampleId :
WC-2

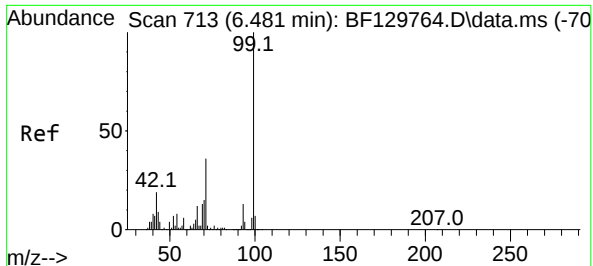
Tgt Ion:152 Resp: 120542
Ion Ratio Lower Upper
152 100
150 150.8 126.9 190.3
115 61.2 53.4 80.0



#5
2-Fluorophenol
Concen: 112.159 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.000 min
Lab File: BF129893.D
Acq: 19 Aug 2022 00:29

Tgt Ion:112 Resp: 816563
Ion Ratio Lower Upper
112 100
64 61.2 47.6 71.4
63 32.0 24.6 37.0

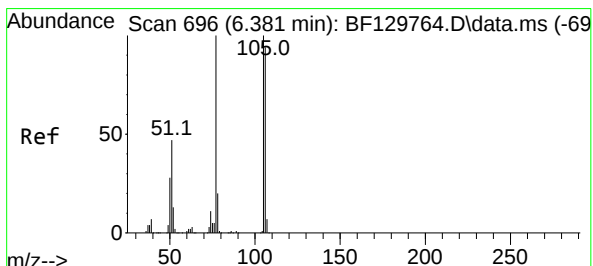
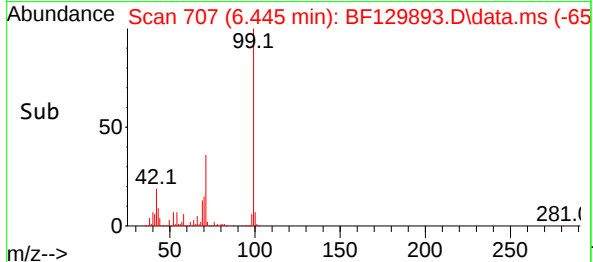
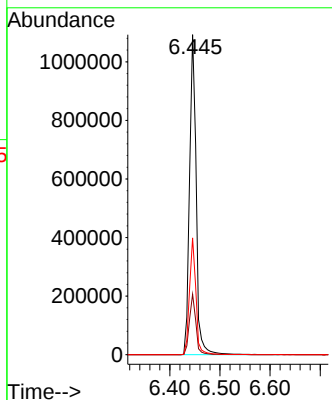
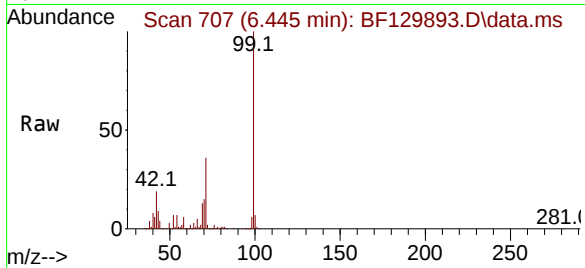




#7
Phenol-d6
Concen: 110.228 ng
RT: 6.445 min Scan# 707
Delta R.T. -0.006 min
Lab File: BF129893.D
Acq: 19 Aug 2022 00:29

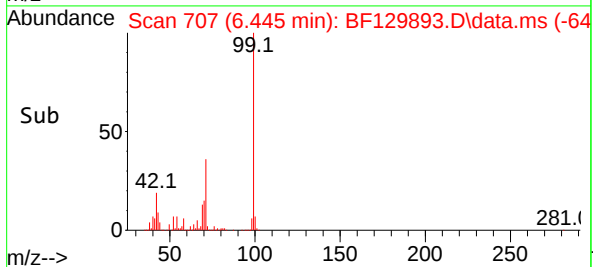
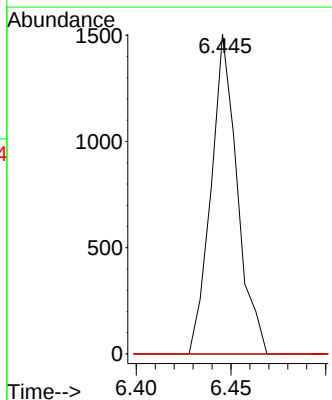
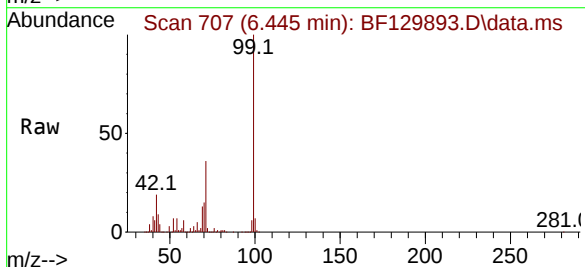
Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion: 99 Resp: 1004965
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 36.5 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 707
Delta R.T. 0.094 min
Lab File: BF129893.D
Acq: 19 Aug 2022 00:29

Tgt Ion: 77 Resp: 1450
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

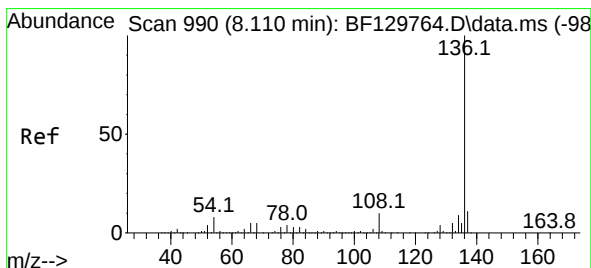
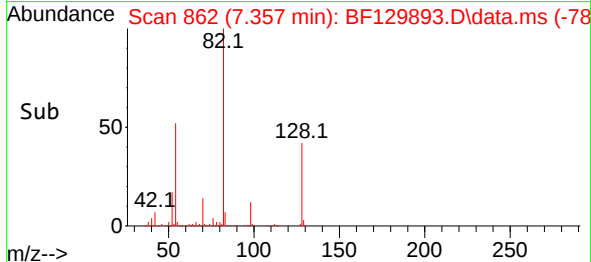
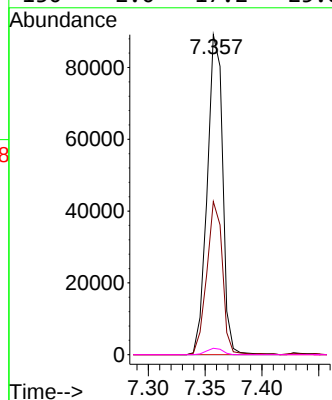
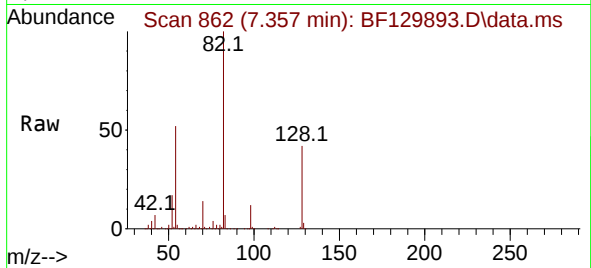




#19
n-Nitroso-di-n-propylamine
Concen: 14.620 ng
RT: 7.357 min Scan# 842
Delta R.T. 0.147 min
Lab File: BF129893.D
Acq: 19 Aug 2022 00:29

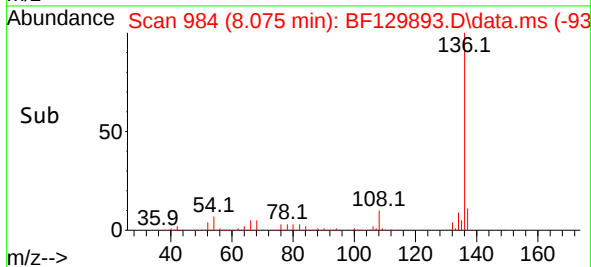
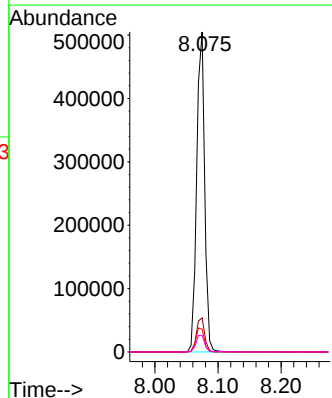
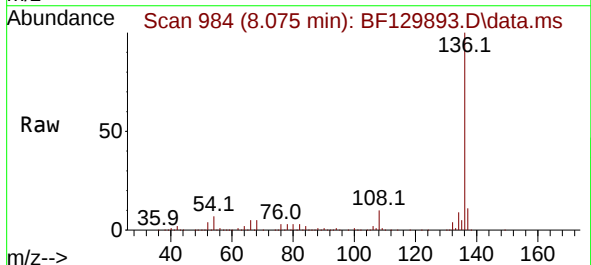
Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion: 70 Resp: 84250
Ion Ratio Lower Upper
70 100
42 47.8 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: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129893.D
Acq: 19 Aug 2022 00:29

Tgt Ion:136 Resp: 442264
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.1 6.2 9.2
68 5.1 4.2 6.4

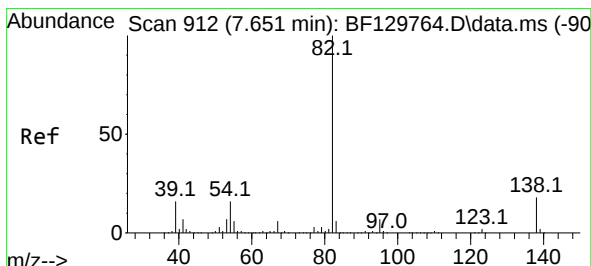
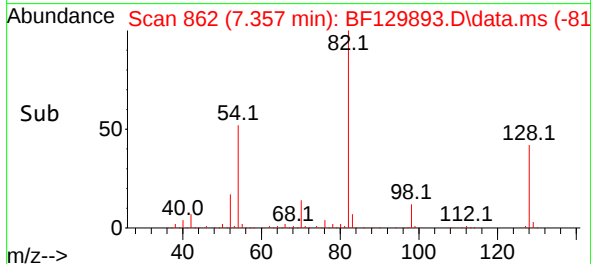
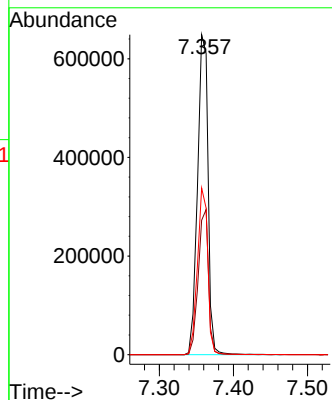
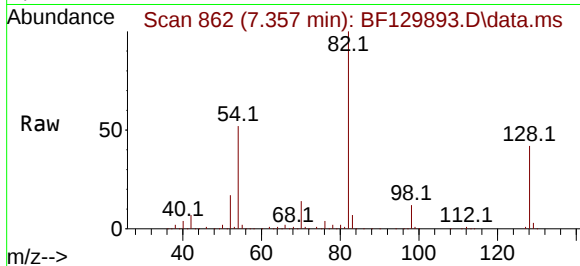




#23
Nitrobenzene-d5
Concen: 77.208 ng
RT: 7.357 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129893.D
Acq: 19 Aug 2022 00:29

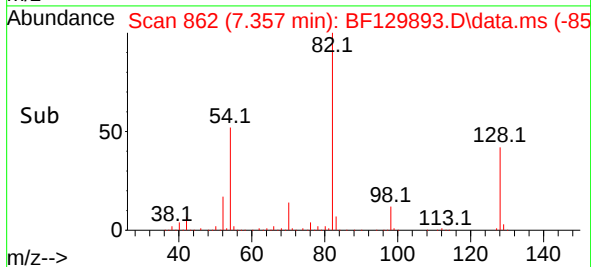
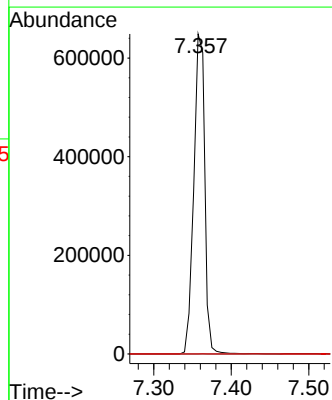
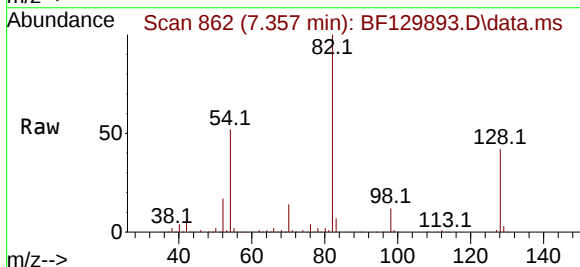
Instrument :
BNA_F
ClientSampleId :
WC-2

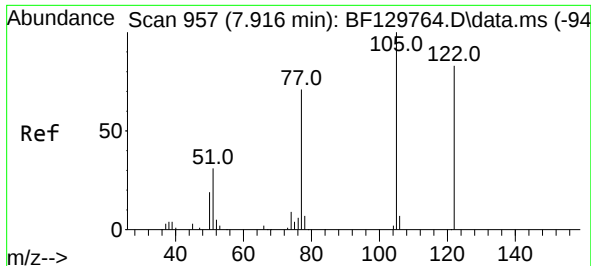
Tgt Ion: 82 Resp: 637873
Ion Ratio Lower Upper
82 100
128 42.0 36.1 54.1
54 52.1 40.0 60.0



#25
Isophorone
Concen: 44.858 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.264 min
Lab File: BF129893.D
Acq: 19 Aug 2022 00:29

Tgt Ion: 82 Resp: 637866
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

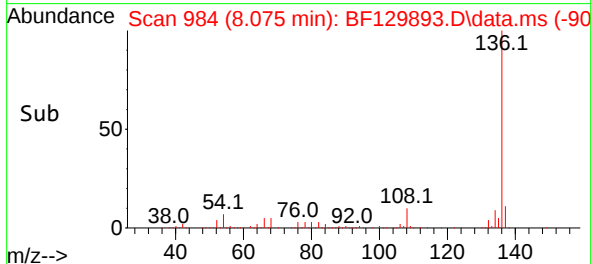
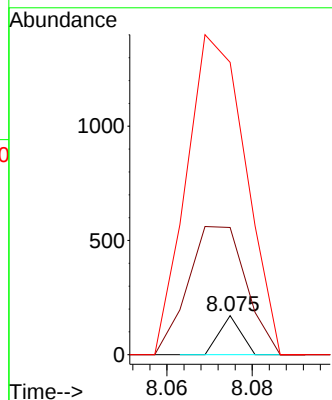
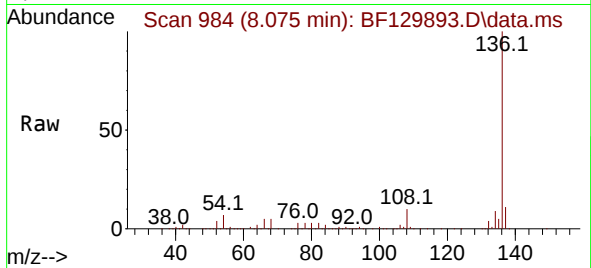




#32
Benzoic acid
Concen: 2.178 ng
RT: 8.075 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129893.D
Acq: 19 Aug 2022 00:29

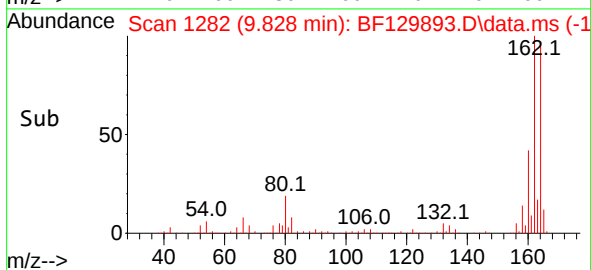
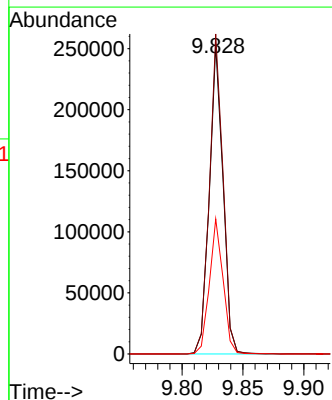
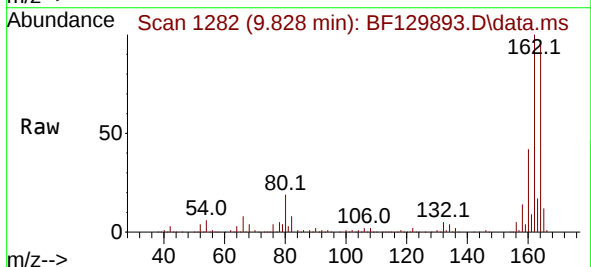
Instrument :
BNA_F
ClientSampleId :
WC-2

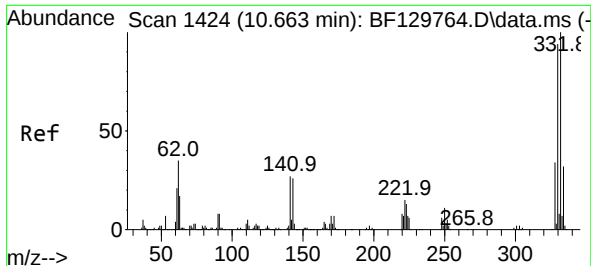
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 325.7 99.9 139.9#
77 748.5 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129893.D
Acq: 19 Aug 2022 00:29

Tgt Ion:164 Resp: 195944
Ion Ratio Lower Upper
164 100
162 103.6 82.0 123.0
160 43.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 97.783 ng

RT: 10.628 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF129893.D

Acq: 19 Aug 2022 00:29

Instrument :

BNA_F

ClientSampleId :

WC-2

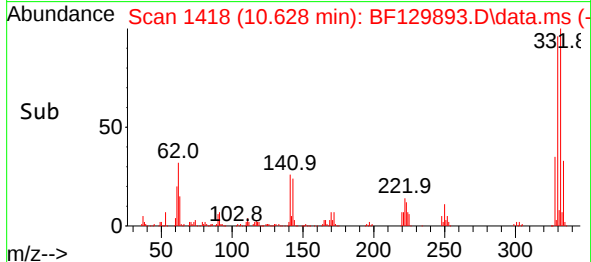
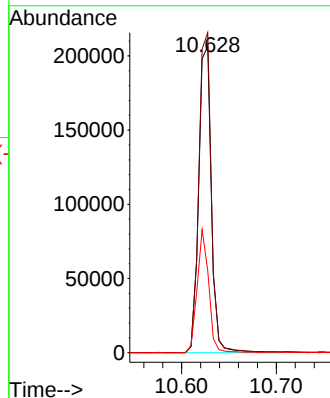
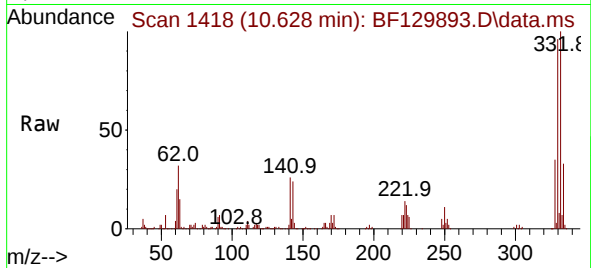
Tgt Ion:330 Resp: 192300

Ion Ratio Lower Upper

330 100

332 102.9 82.6 124.0

141 36.6 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 83.927 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF129893.D

Acq: 19 Aug 2022 00:29

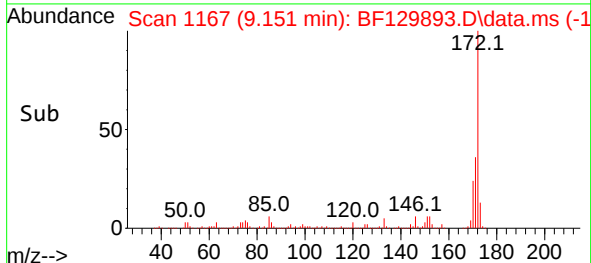
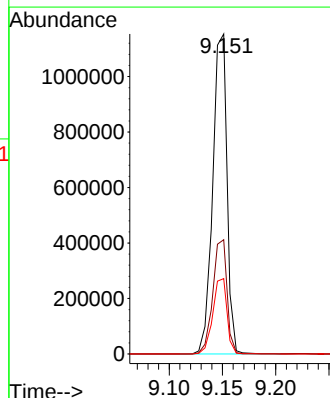
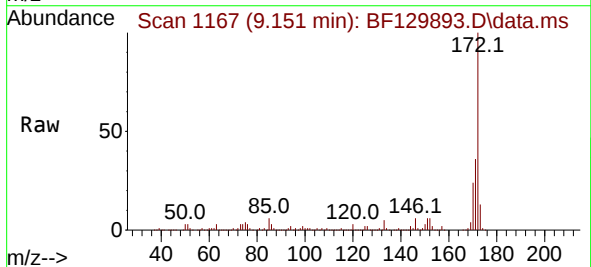
Tgt Ion:172 Resp: 1082763

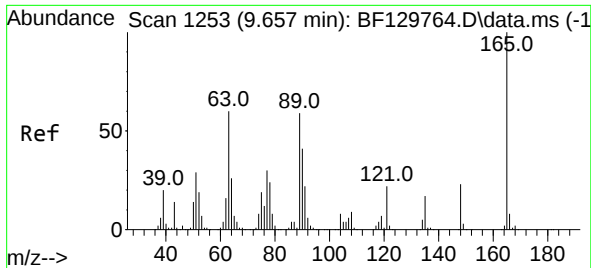
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.121 ng

RT: 9.828 min Scan# 1282

Delta R.T. 0.200 min

Lab File: BF129893.D

Acq: 19 Aug 2022 00:29

Instrument :

BNA_F

ClientSampleId :

WC-2

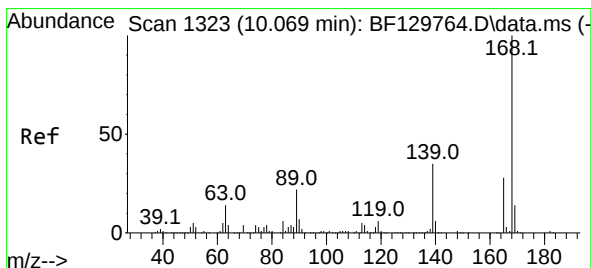
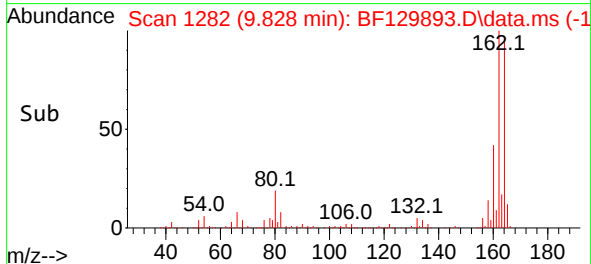
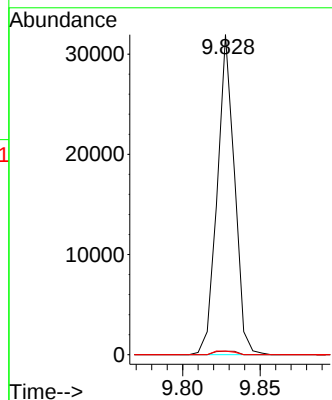
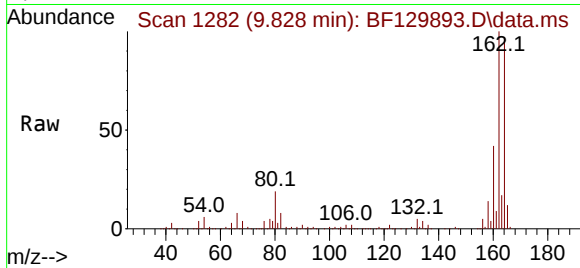
Tgt Ion:165 Resp: 24744

Ion Ratio Lower Upper

165 100

63 1.1 47.8 71.8#

89 1.1 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.256 ng

RT: 9.828 min Scan# 1282

Delta R.T. -0.212 min

Lab File: BF129893.D

Acq: 19 Aug 2022 00:29

Tgt Ion:165 Resp: 24744

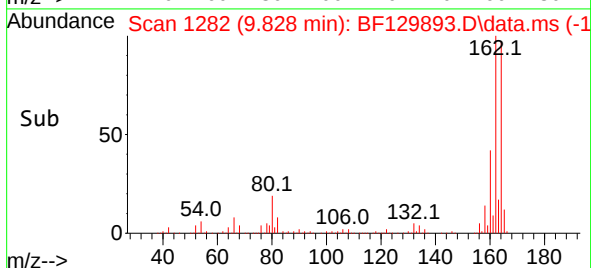
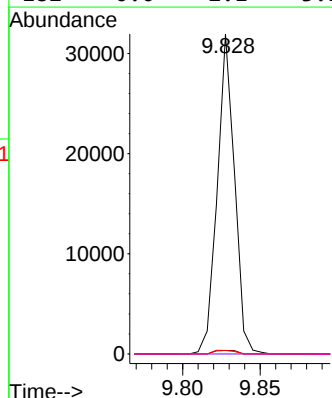
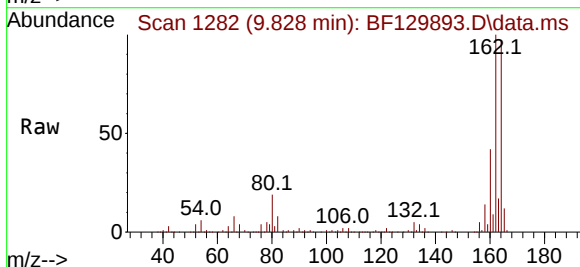
Ion Ratio Lower Upper

165 100

63 1.1 48.4 72.6#

89 1.1 62.3 93.5#

182 0.0 2.1 3.1#

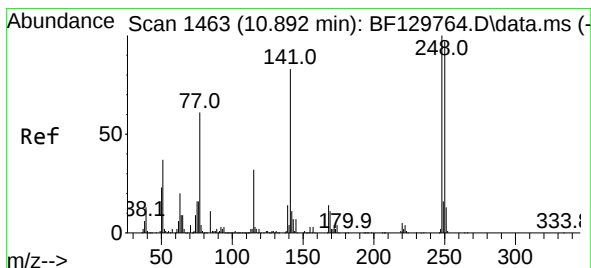
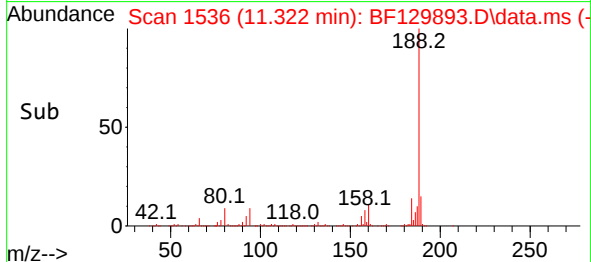
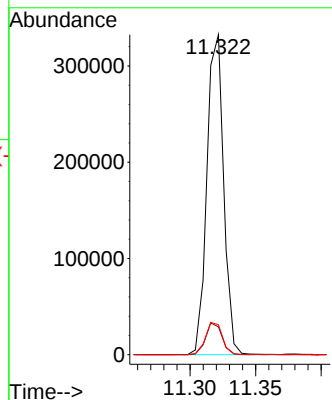
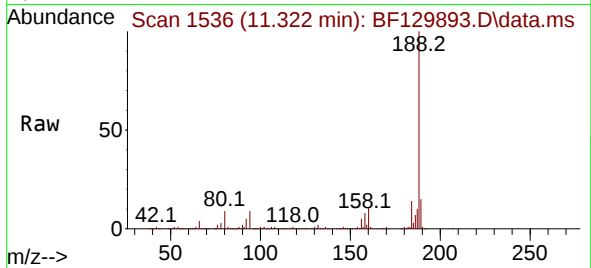




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129893.D
Acq: 19 Aug 2022 00:29

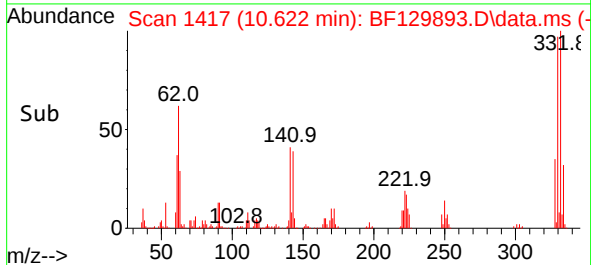
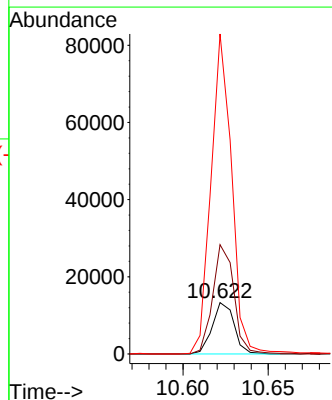
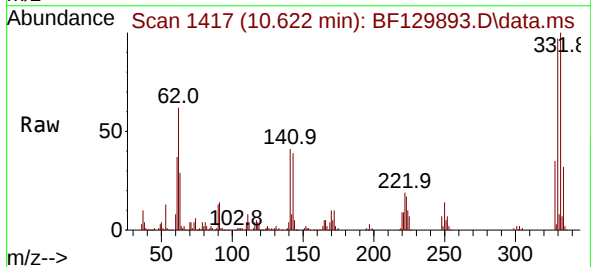
Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion:188 Resp: 296260
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.3 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.421 ng
RT: 10.622 min Scan# 1417
Delta R.T. -0.241 min
Lab File: BF129893.D
Acq: 19 Aug 2022 00:29

Tgt Ion:248 Resp: 11870
Ion Ratio Lower Upper
248 100
250 212.4 77.8 116.6#
141 622.1 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129893.D

Acq: 19 Aug 2022 00:29

Instrument :

BNA_F

ClientSampleId :

WC-2

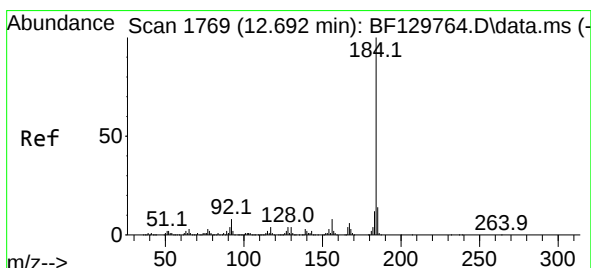
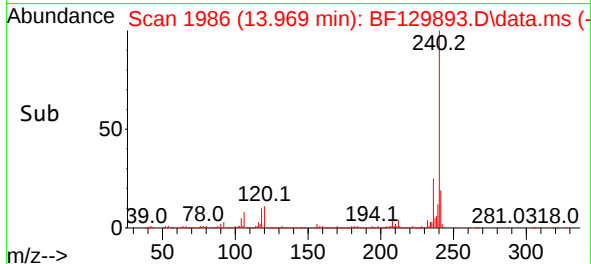
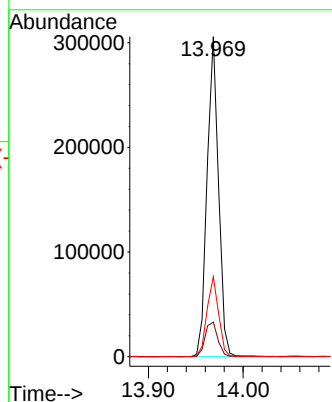
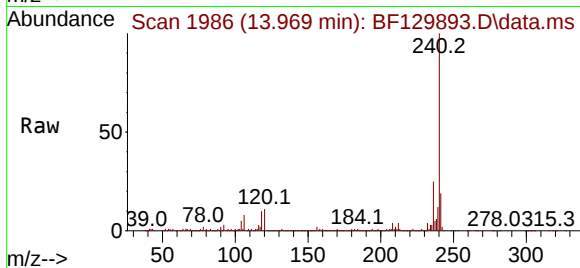
Tgt Ion:240 Resp: 255728

Ion Ratio Lower Upper

240 100

120 10.8 9.2 13.8

236 25.0 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.904 min Scan# 1805

Delta R.T. 0.241 min

Lab File: BF129893.D

Acq: 19 Aug 2022 00:29

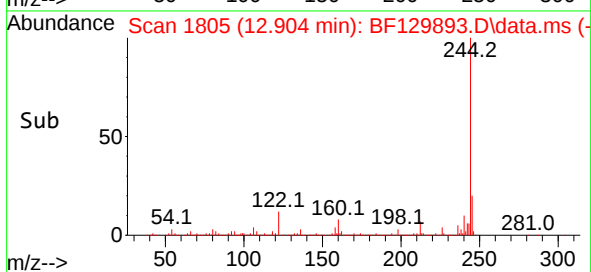
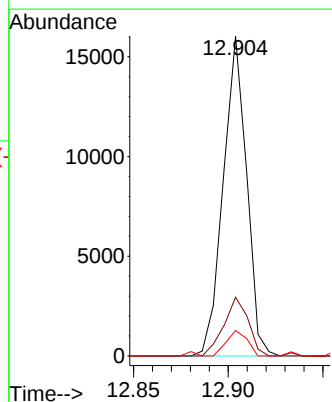
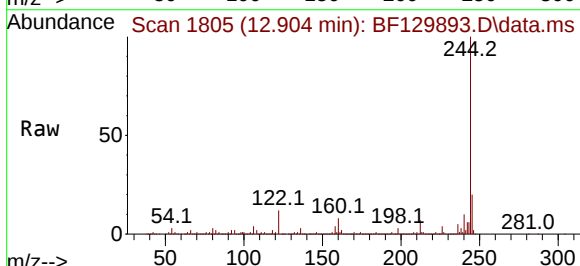
Tgt Ion:184 Resp: 13741

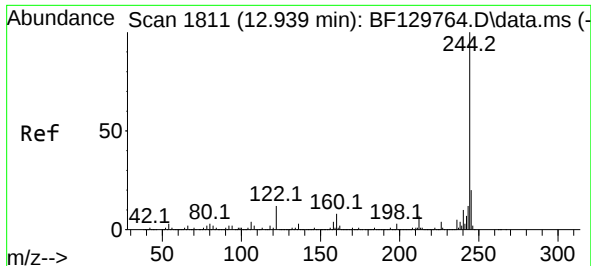
Ion Ratio Lower Upper

184 100

185 18.3 11.4 17.2#

183 7.9 9.4 14.2#

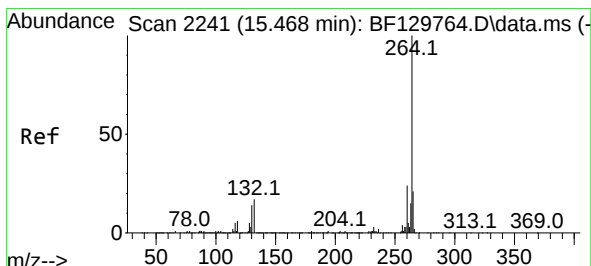
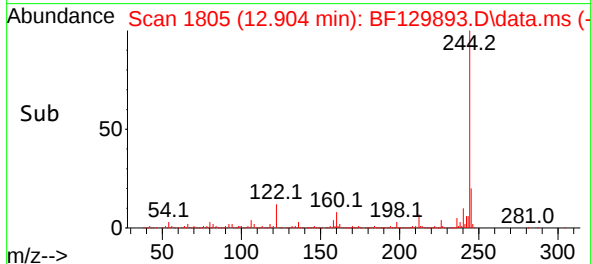
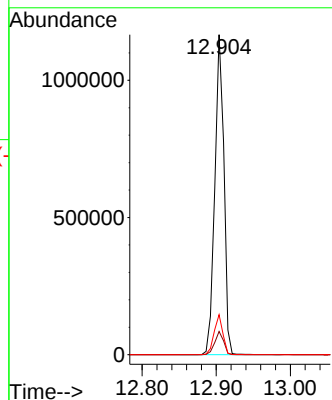
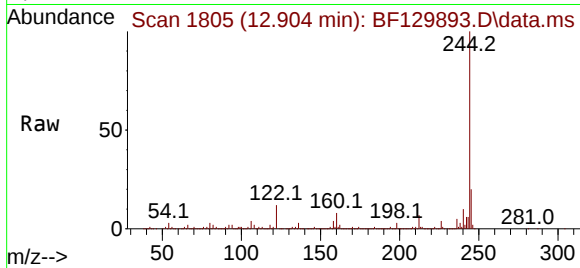




#79
 Terphenyl-d14
 Concen: 64.400 ng
 RT: 12.904 min Scan# 1805
 Delta R.T. -0.006 min
 Lab File: BF129893.D
 Acq: 19 Aug 2022 00:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tgt Ion:244 Resp: 989752
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.5 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2234
 Delta R.T. 0.000 min
 Lab File: BF129893.D
 Acq: 19 Aug 2022 00:29

Tgt Ion:264 Resp: 209101
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.1 28.7
 265 21.8 16.7 25.1

