

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129859.D
 Acq On : 17 Aug 2022 23:23
 Operator : CG\JU
 Sample : N4189-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB14

Quant Time: Aug 18 05:39:10 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 05:28:24 2022
 Response via : Initial Calibration

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

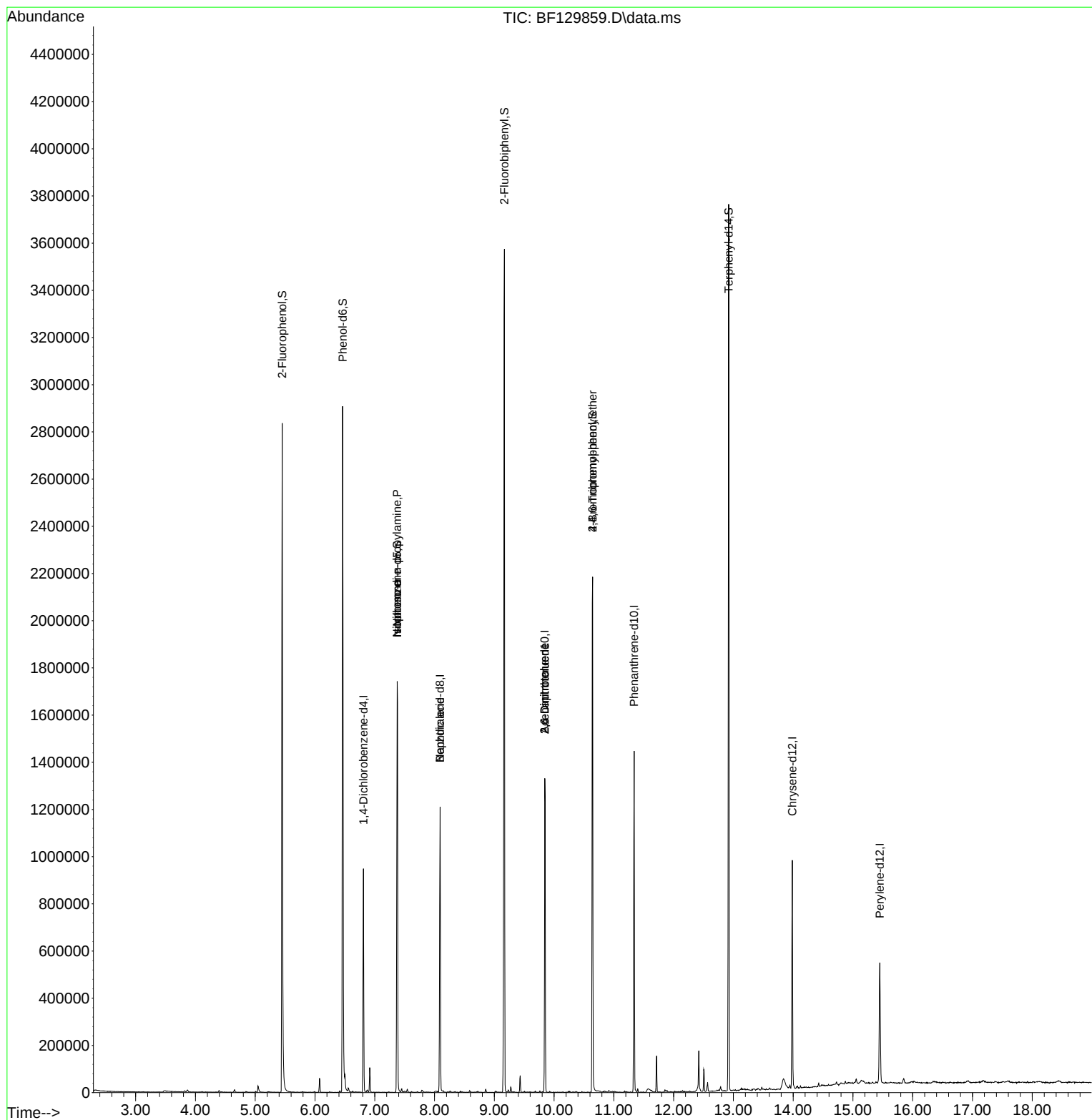
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	130528	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	526007	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	280802	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	480047	20.000	ng	0.00
76) Chrysene-d12	13.986	240	307774	20.000	ng	0.00
86) Perylene-d12	15.451	264	225167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	778173	98.708	ng	0.00
7) Phenol-d6	6.463	99	981714	99.440	ng	0.00
23) Nitrobenzene-d5	7.375	82	613042	62.389	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	262772	93.239	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1159176	62.698	ng	0.00
79) Terphenyl-d14	12.921	244	1192362	64.463	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.463	77	2055	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.375	70	80980	12.977	ng	# 79
25) Isophorone	7.375	82	613028	36.248	ng	# 65
32) Benzoic acid	8.092	122	153	2.213	ng	# 1
51) 2,6-Dinitrotoluene	9.845	165	37012	8.476	ng	# 23
57) 2,4-Dinitrotoluene	9.845	165	37012	6.529	ng	# 18
67) 4-Bromophenyl-phenylether	10.645	248	16482	2.931	ng	# 1
77) Benzidine	12.921	184	16325	Below Cal	#	90

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

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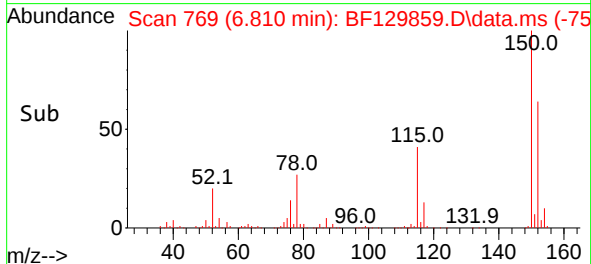
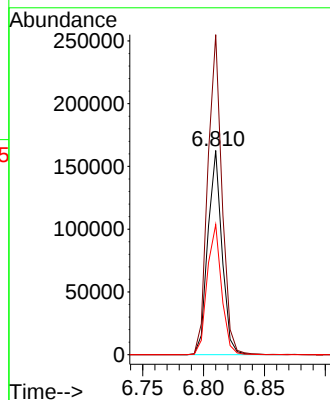
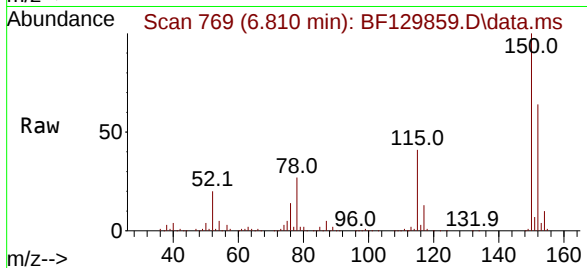




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129859.D
Acq: 17 Aug 2022 23:23

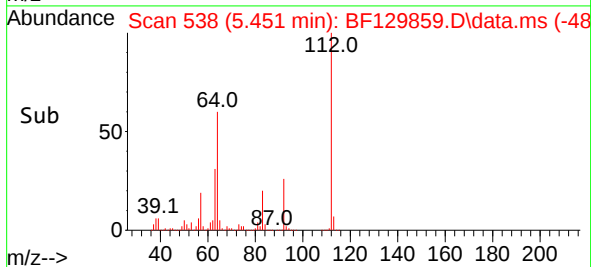
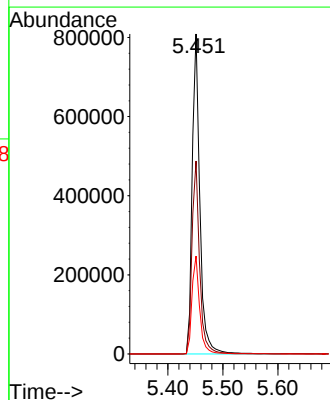
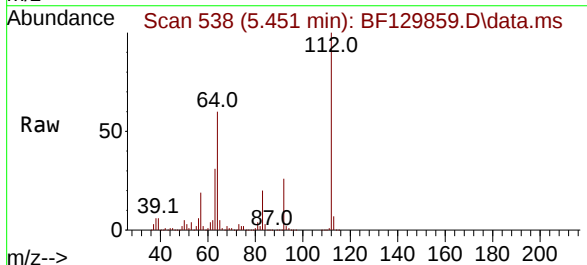
Instrument :
BNA_F
ClientSampleId :
SB14

Tgt Ion:152 Resp: 130528
Ion Ratio Lower Upper
152 100
150 156.7 126.9 190.3
115 63.7 53.4 80.0



#5
2-Fluorophenol
Concen: 98.708 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF129859.D
Acq: 17 Aug 2022 23:23

Tgt Ion:112 Resp: 778173
Ion Ratio Lower Upper
112 100
64 60.3 47.6 71.4
63 30.6 24.6 37.0

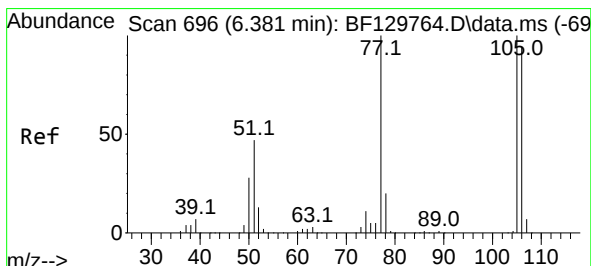
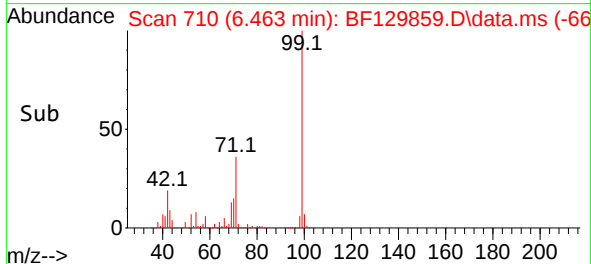
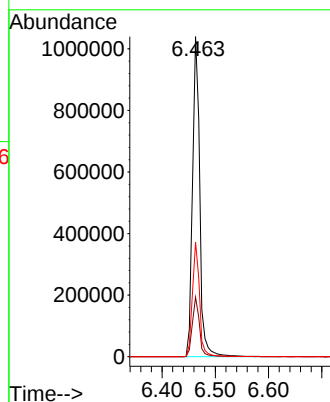
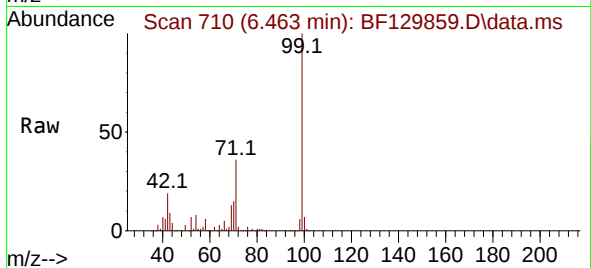




#7
Phenol-d6
Concen: 99.440 ng
RT: 6.463 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF129859.D
Acq: 17 Aug 2022 23:23

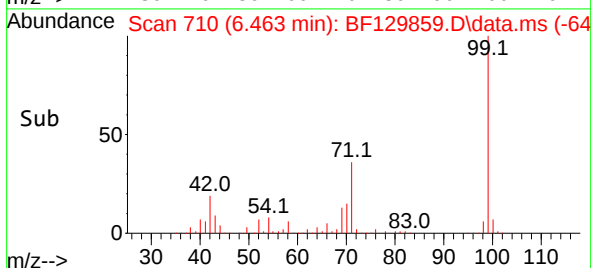
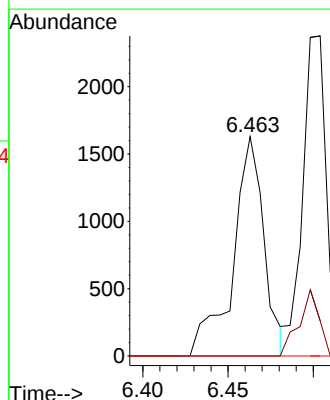
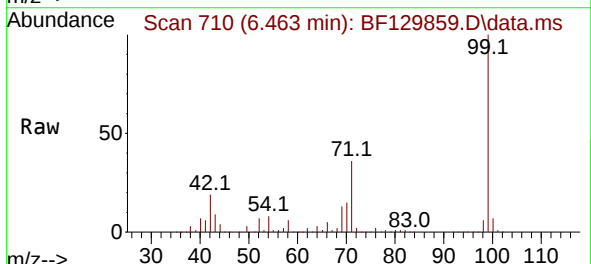
Instrument :
BNA_F
ClientSampleId :
SB14

Tgt Ion: 99 Resp: 981714
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 35.8 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.463 min Scan# 710
Delta R.T. 0.094 min
Lab File: BF129859.D
Acq: 17 Aug 2022 23:23

Tgt Ion: 77 Resp: 2055
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

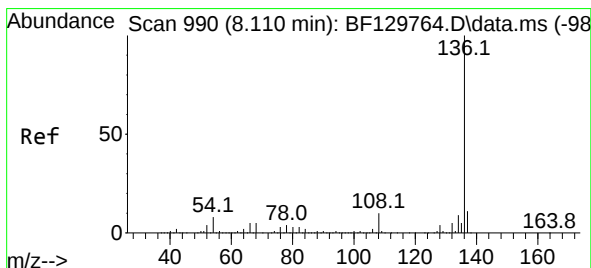
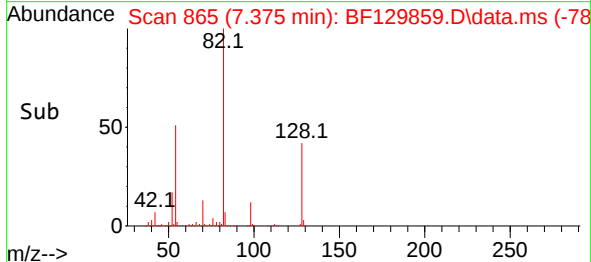
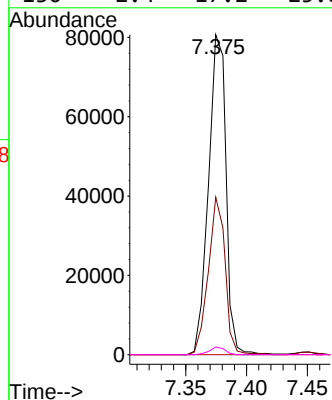
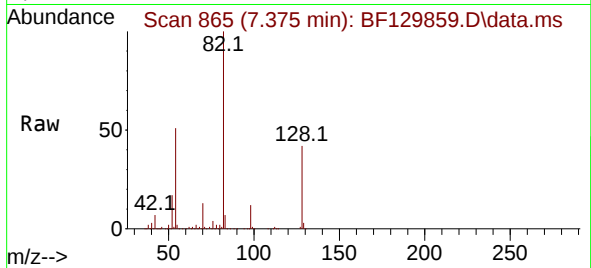




#19
n-Nitroso-di-n-propylamine
Concen: 12.977 ng
RT: 7.375 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129859.D
Acq: 17 Aug 2022 23:23

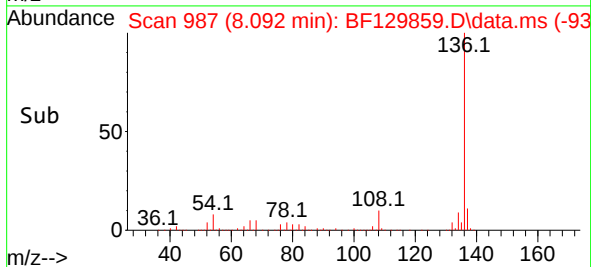
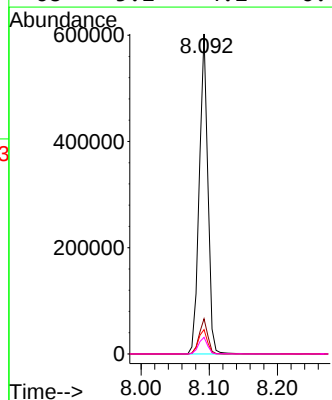
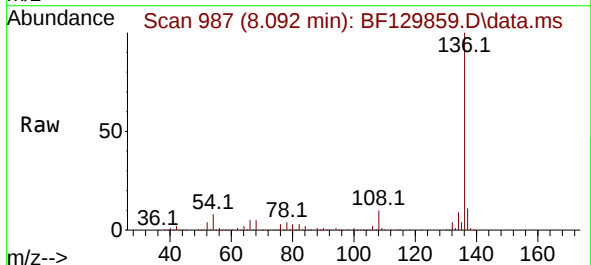
Instrument :
BNA_F
ClientSampleId :
SB14

Tgt Ion: 70 Resp: 80980
Ion Ratio Lower Upper
70 100
42 49.2 47.6 71.4
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF129859.D
Acq: 17 Aug 2022 23:23

Tgt Ion: 136 Resp: 526007
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.6 6.2 9.2
68 5.2 4.2 6.4





#23

Nitrobenzene-d5

Concen: 62.389 ng

RT: 7.375 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF129859.D

Acq: 17 Aug 2022 23:23

Instrument :

BNA_F

ClientSampleId :

SB14

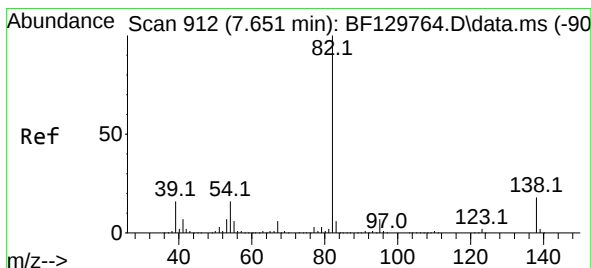
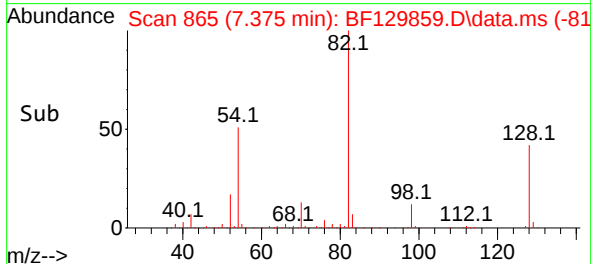
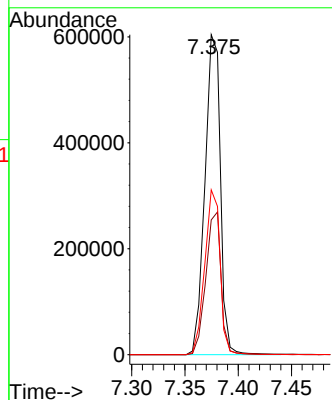
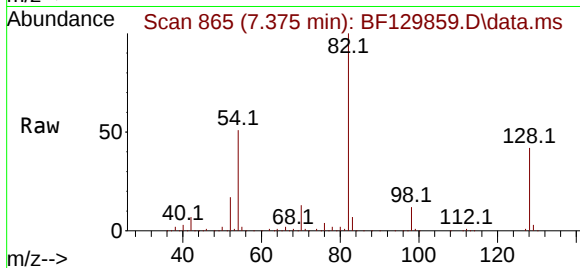
Tgt Ion: 82 Resp: 613042

Ion Ratio Lower Upper

82 100

128 42.1 36.1 54.1

54 51.5 40.0 60.0



#25

Isophorone

Concen: 36.248 ng

RT: 7.375 min Scan# 865

Delta R.T. -0.265 min

Lab File: BF129859.D

Acq: 17 Aug 2022 23:23

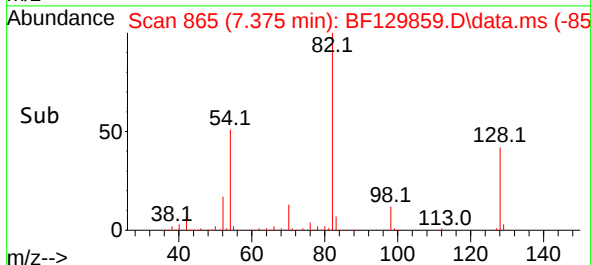
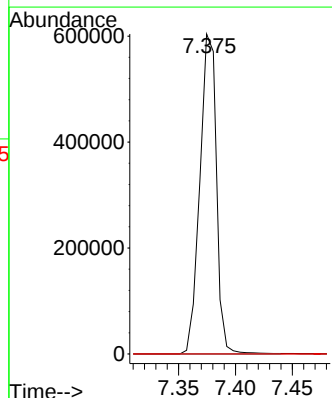
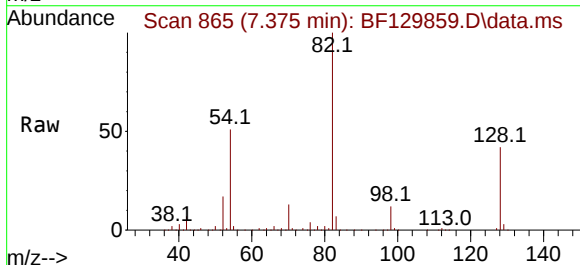
Tgt Ion: 82 Resp: 613028

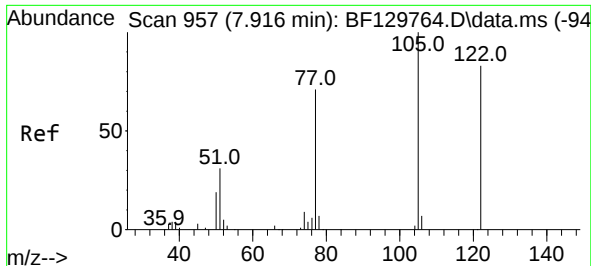
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#





#32

Benzoic acid

Concen: 2.213 ng

RT: 8.092 min Scan# 91

Delta R.T. 0.194 min

Lab File: BF129859.D

Acq: 17 Aug 2022 23:23

Instrument :

BNA_F

ClientSampleId :

SB14

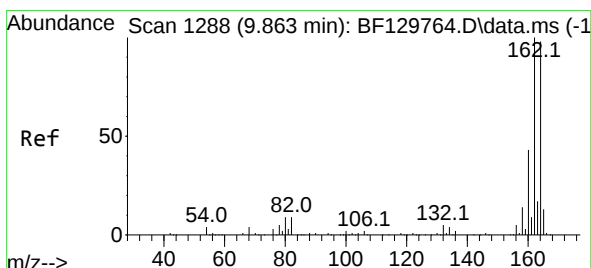
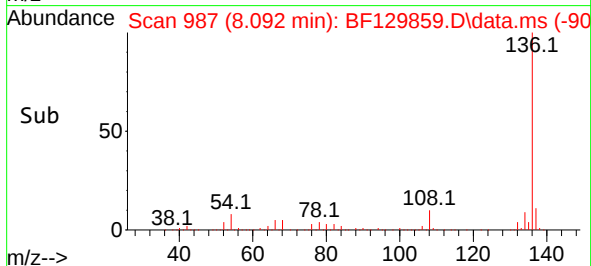
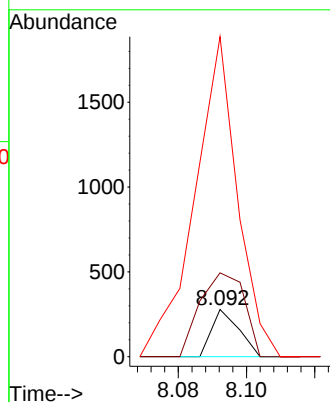
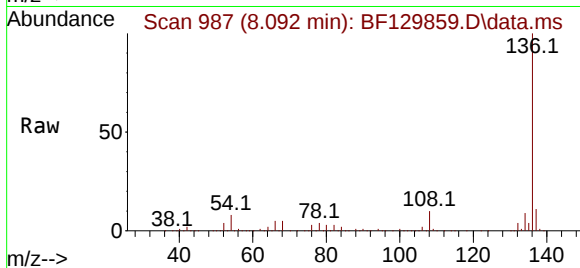
Tgt Ion:122 Resp: 153

Ion Ratio Lower Upper

122 100

105 177.7 99.9 139.9#

77 678.8 65.9 105.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1285

Delta R.T. -0.006 min

Lab File: BF129859.D

Acq: 17 Aug 2022 23:23

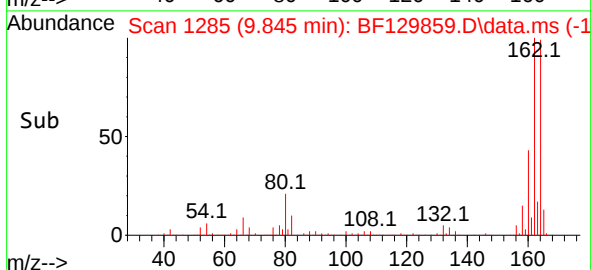
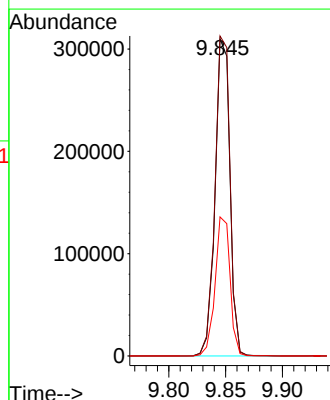
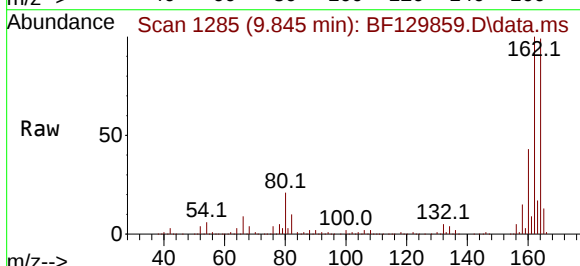
Tgt Ion:164 Resp: 280802

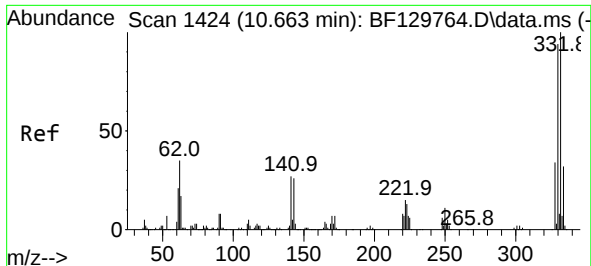
Ion Ratio Lower Upper

164 100

162 101.0 82.0 123.0

160 43.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 93.239 ng

RT: 10.645 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF129859.D

Acq: 17 Aug 2022 23:23

Instrument :

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ClientSampleId :

SB14

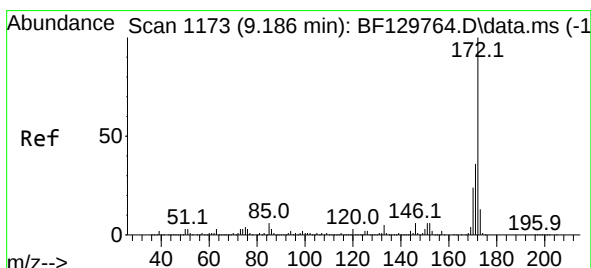
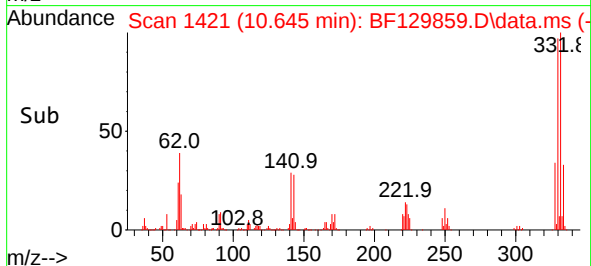
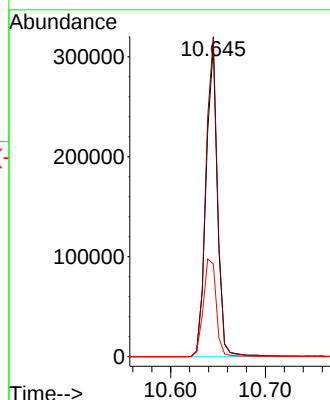
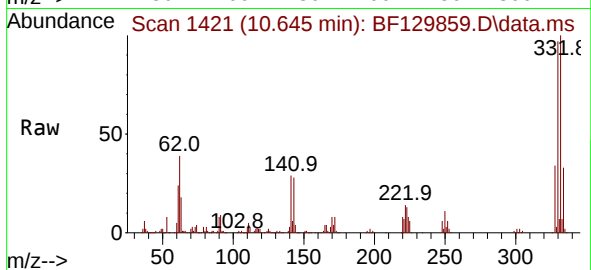
Tgt Ion:330 Resp: 262772

Ion Ratio Lower Upper

330 100

332 104.7 82.6 124.0

141 35.5 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 62.698 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF129859.D

Acq: 17 Aug 2022 23:23

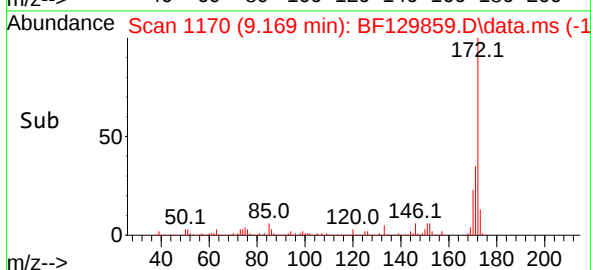
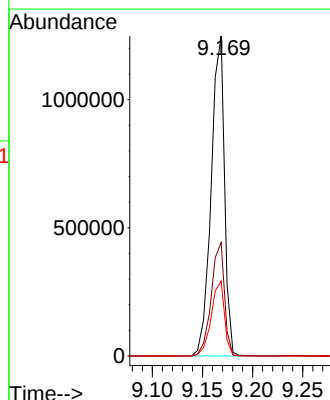
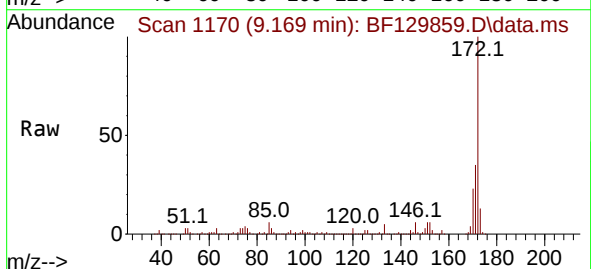
Tgt Ion:172 Resp: 1159176

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.4 19.1 28.7

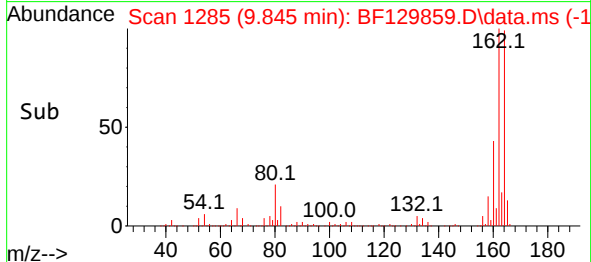
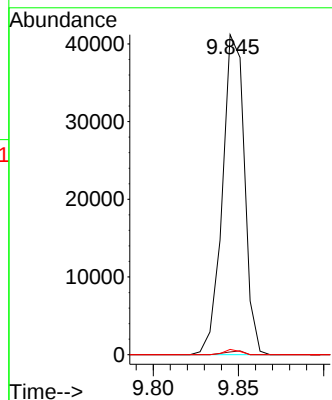
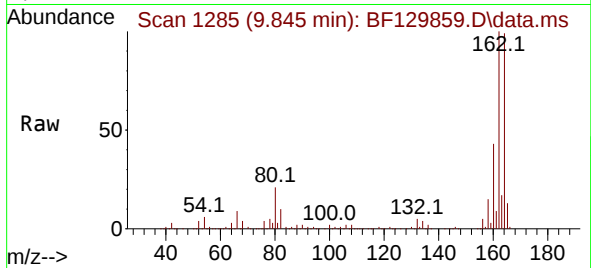




#51
2,6-Dinitrotoluene
Concen: 8.476 ng
RT: 9.845 min Scan# 1285
Delta R.T. 0.200 min
Lab File: BF129859.D
Acq: 17 Aug 2022 23:23

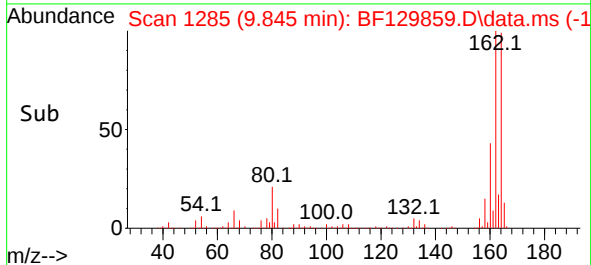
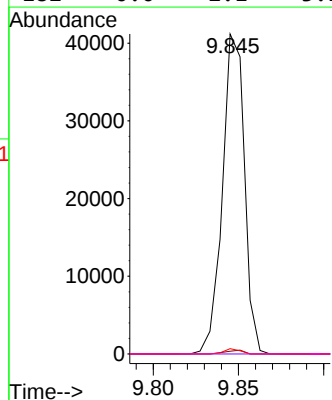
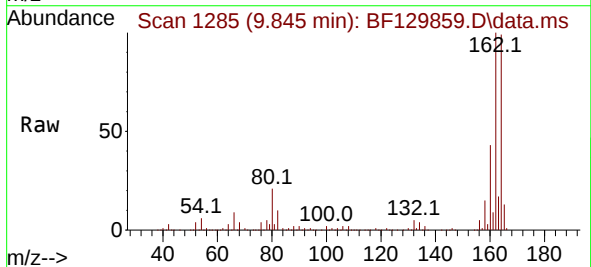
Instrument :
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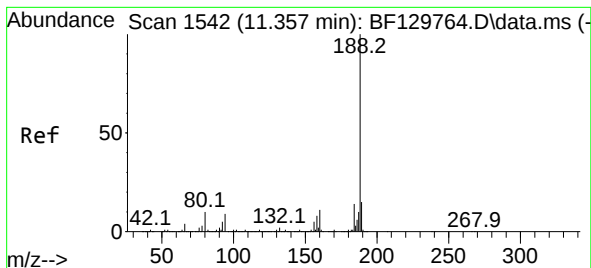
Tgt Ion:165 Resp: 37012
Ion Ratio Lower Upper
165 100
63 0.9 47.8 71.8#
89 1.7 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.529 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.212 min
Lab File: BF129859.D
Acq: 17 Aug 2022 23:23

Tgt Ion:165 Resp: 37012
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 1.7 62.3 93.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129859.D

Acq: 17 Aug 2022 23:23

Instrument :

BNA_F

ClientSampleId :

SB14

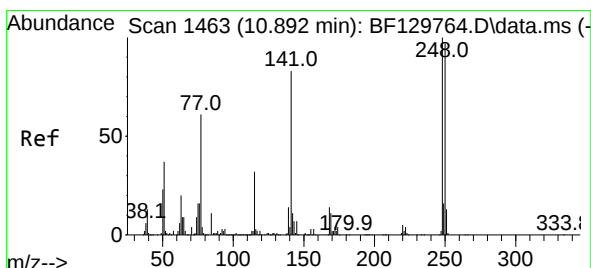
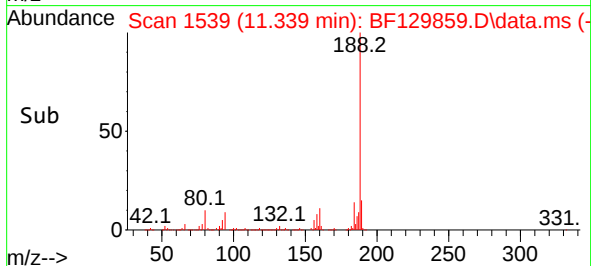
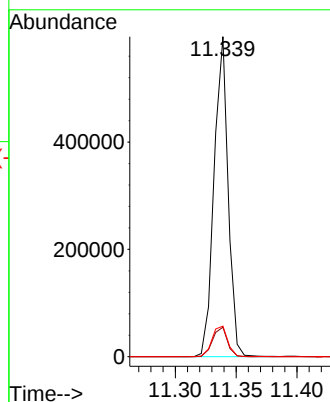
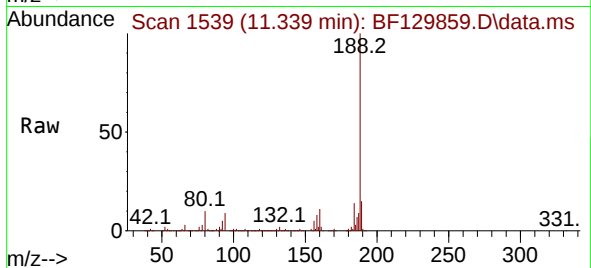
Tgt Ion:188 Resp: 480047

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 9.5 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 2.931 ng

RT: 10.645 min Scan# 1421

Delta R.T. -0.236 min

Lab File: BF129859.D

Acq: 17 Aug 2022 23:23

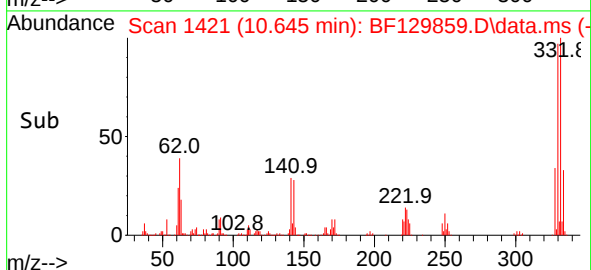
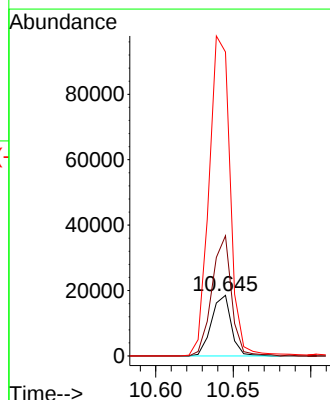
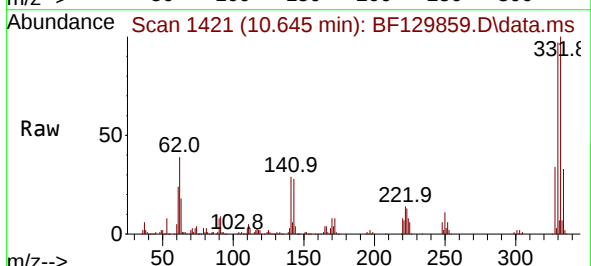
Tgt Ion:248 Resp: 16482

Ion Ratio Lower Upper

248 100

250 198.4 77.8 116.6#

141 501.8 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129859.D

Acq: 17 Aug 2022 23:23

Instrument :

BNA_F

ClientSampleId :

SB14

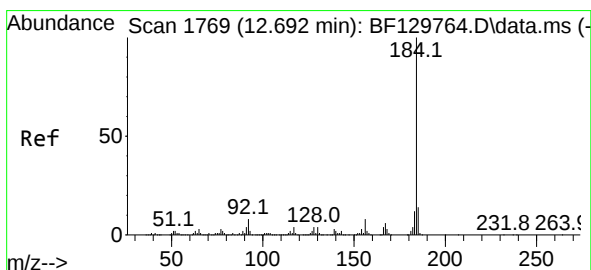
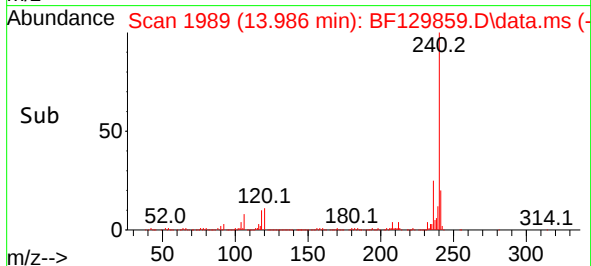
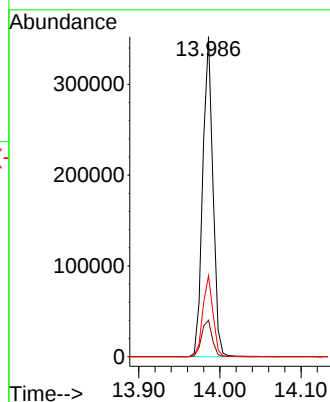
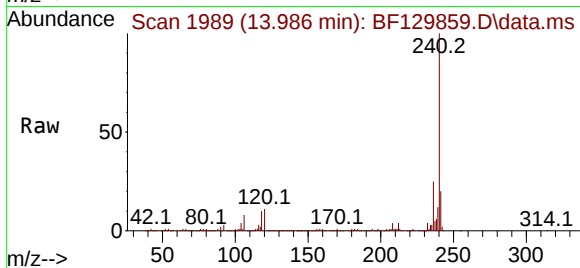
Tgt Ion:240 Resp: 307774

Ion Ratio Lower Upper

240 100

120 11.4 9.2 13.8

236 25.3 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.921 min Scan# 1808

Delta R.T. 0.241 min

Lab File: BF129859.D

Acq: 17 Aug 2022 23:23

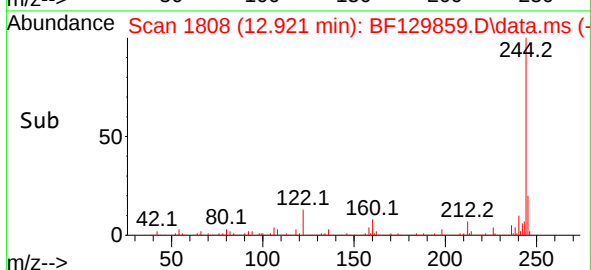
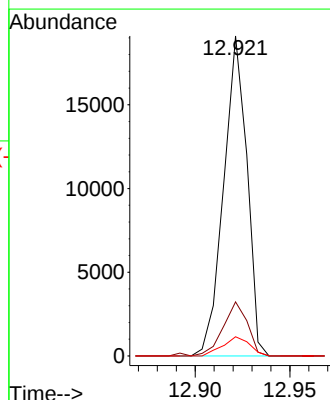
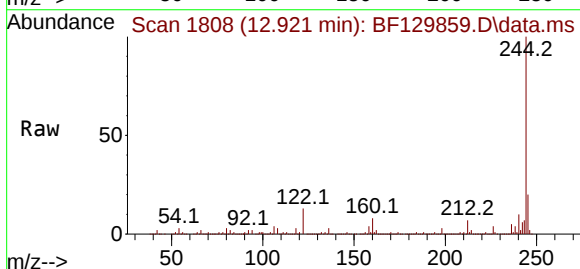
Tgt Ion:184 Resp: 16325

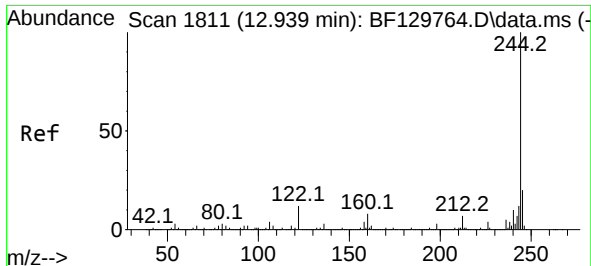
Ion Ratio Lower Upper

184 100

185 16.9 11.4 17.2

183 6.0 9.4 14.2#

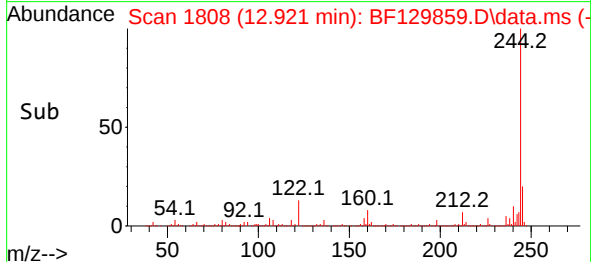
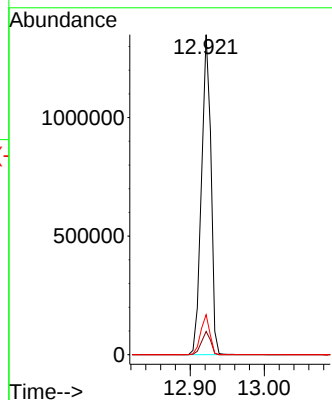
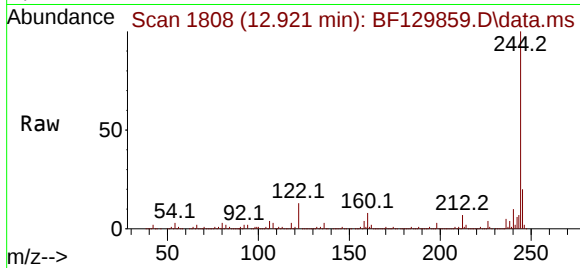




#79
 Terphenyl-d14
 Concen: 64.463 ng
 RT: 12.921 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129859.D
 Acq: 17 Aug 2022 23:23

Instrument :
 BNA_F
 ClientSampleId :
 SB14

Tgt Ion:244 Resp: 1192362
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.5 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: BF129859.D
 Acq: 17 Aug 2022 23:23

Tgt Ion:264 Resp: 225167
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.1 28.7
 265 21.1 16.7 25.1

