

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129107.D
 Acq On : 01 Jul 2022 22:59
 Operator : CG\JU
 Sample : N3538-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GS-3A

Quant Time: Jul 02 01:27:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

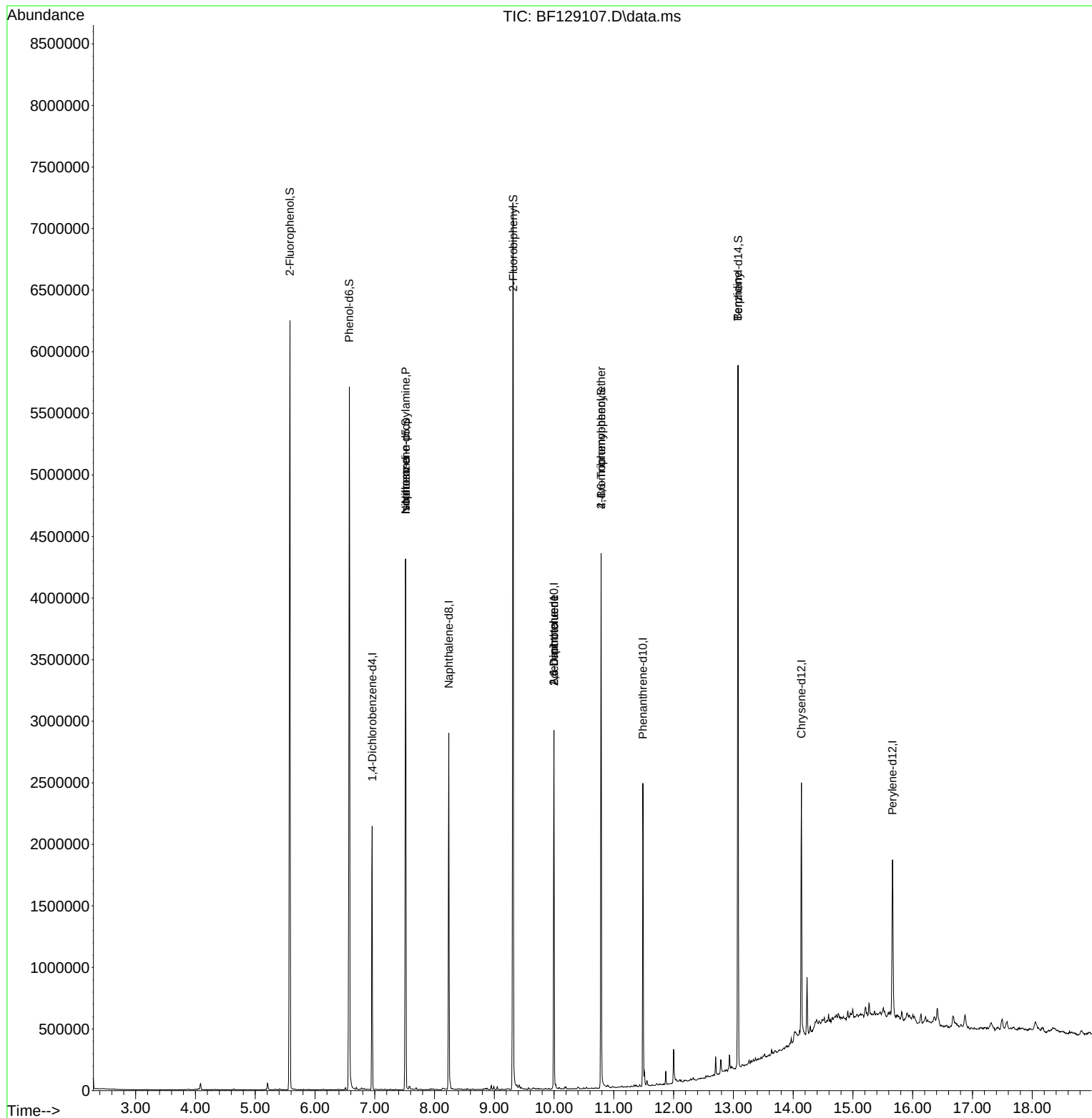
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	311427	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1151041	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	547943	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	856008	20.000	ng	#-0.01
76) Chrysene-d12	14.139	240	670811	20.000	ng	-0.01
86) Perylene-d12	15.662	264	572946	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1760255	95.558	ng	0.00
7) Phenol-d6	6.575	99	2180699	95.319	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1356964	70.317	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	508002	85.263	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	2384253	69.611	ng	0.00
79) Terphenyl-d14	13.080	244	2063474	63.879	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	436	Below Cal	#	74
19) n-Nitroso-di-n-propyla...	7.516	70	176578	13.342	ng	# 73
25) Isophorone	7.516	82	1333275	40.881	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	69683	9.948	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	69683	8.058	ng	# 21
67) 4-Bromophenyl-phenylether	10.786	248	31051	3.410	ng	# 1
77) Benizidine	13.074	184	27831	2.330	ng	# 91

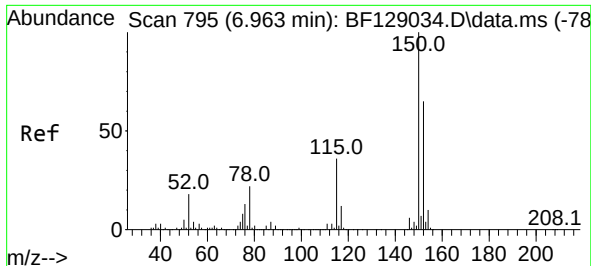
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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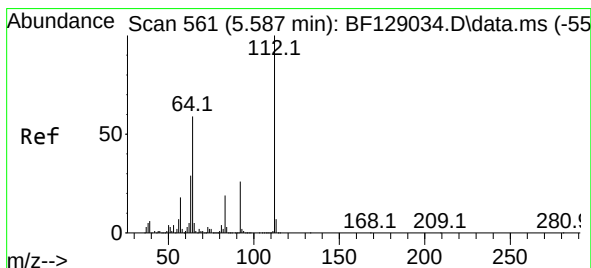
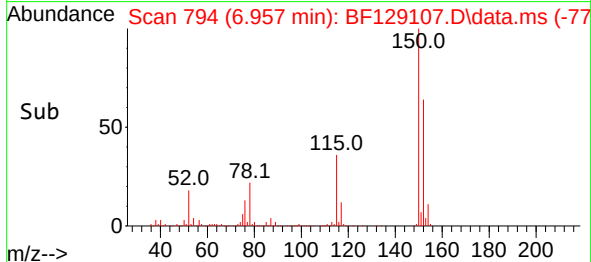
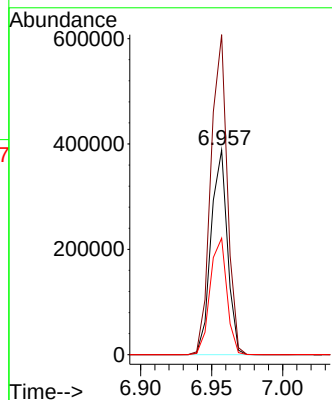
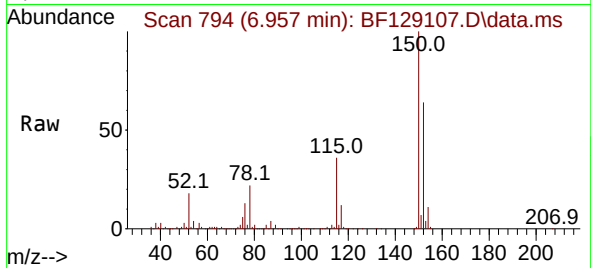




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129107.D
Acq: 01 Jul 2022 22:59

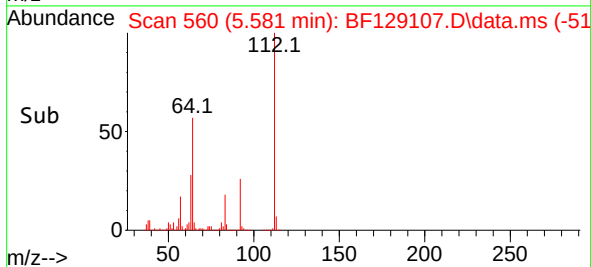
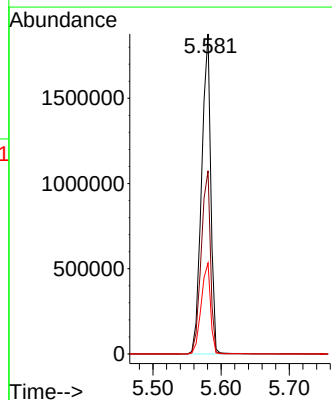
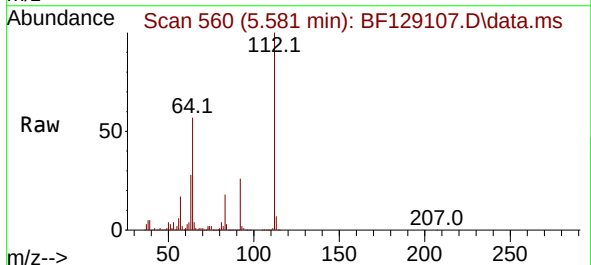
Instrument :
BNA_F
ClientSampleId :
GS-3A

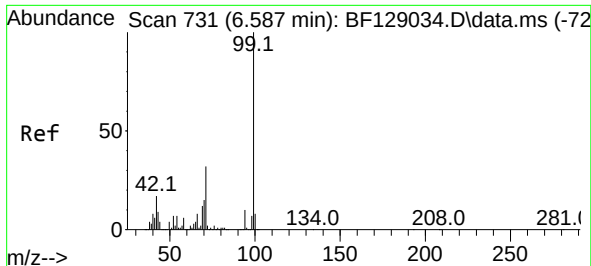
Tgt Ion:152 Resp: 311427
Ion Ratio Lower Upper
152 100
150 156.3 123.7 185.5
115 56.9 49.9 74.9



#5
2-Fluorophenol
Concen: 95.558 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF129107.D
Acq: 01 Jul 2022 22:59

Tgt Ion:112 Resp: 1760255
Ion Ratio Lower Upper
112 100
64 57.3 53.3 79.9
63 28.4 28.0 42.0





#7
Phenol-d6
Concen: 95.319 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129107.D
Acq: 01 Jul 2022 22:59

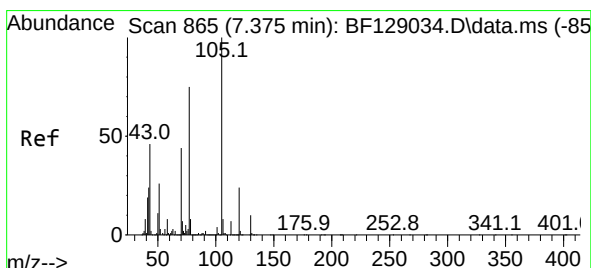
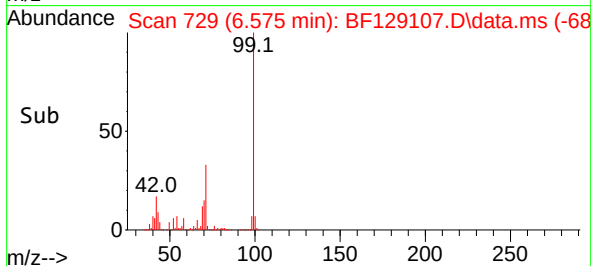
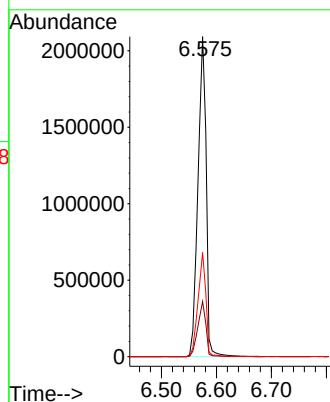
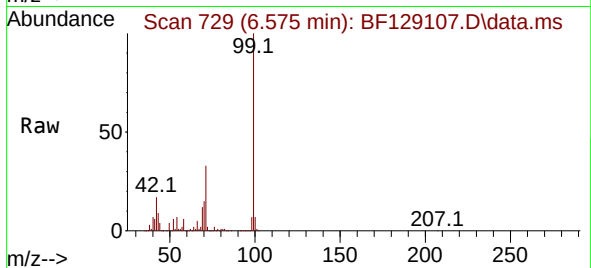
Instrument :

BNA_F

ClientSampleId :

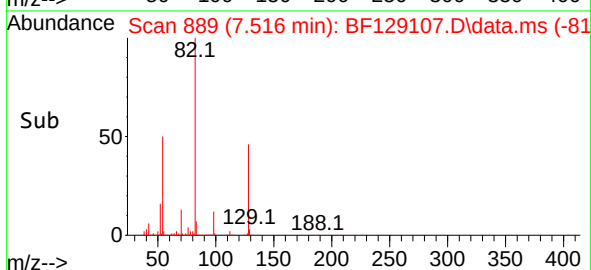
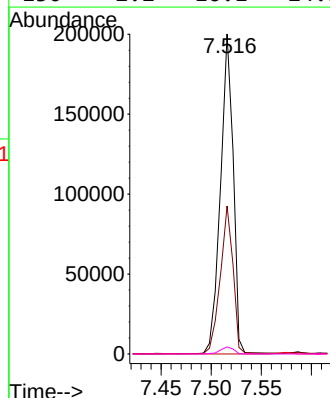
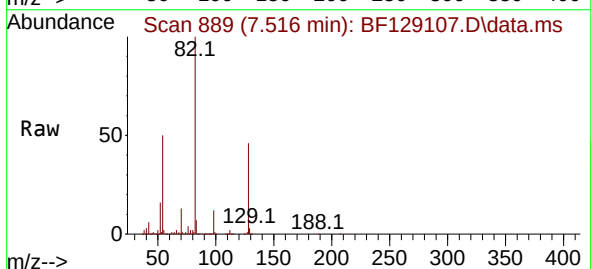
GS-3A

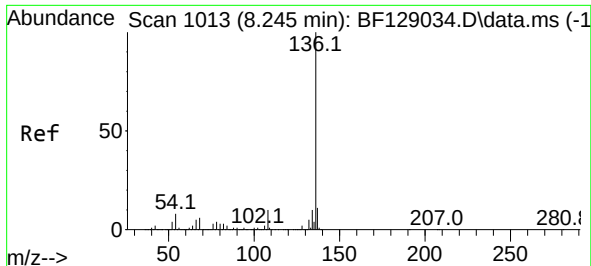
Tgt Ion: 99 Resp: 2180699
Ion Ratio Lower Upper
99 100
42 17.2 17.3 25.9#
71 32.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.342 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129107.D
Acq: 01 Jul 2022 22:59

Tgt Ion: 70 Resp: 176578
Ion Ratio Lower Upper
70 100
42 46.3 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

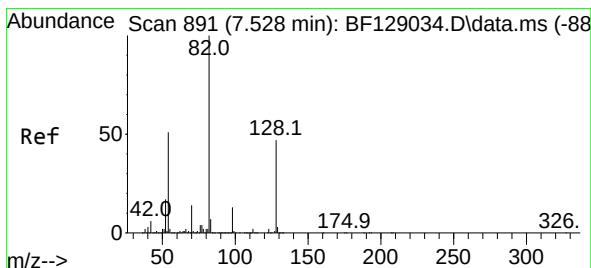
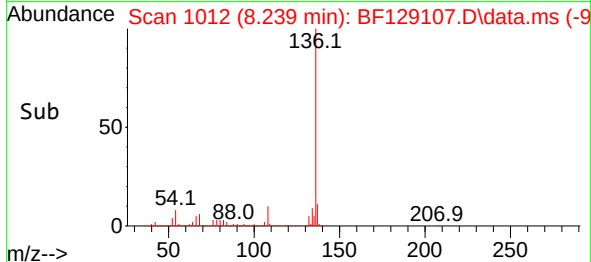
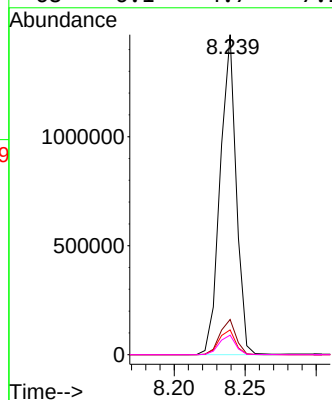
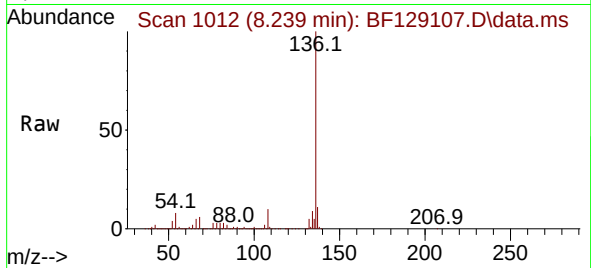




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129107.D
Acq: 01 Jul 2022 22:59

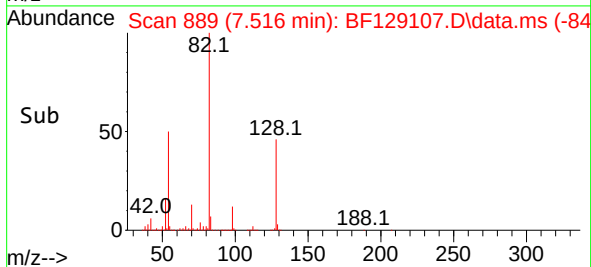
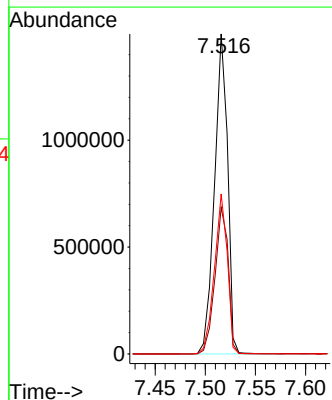
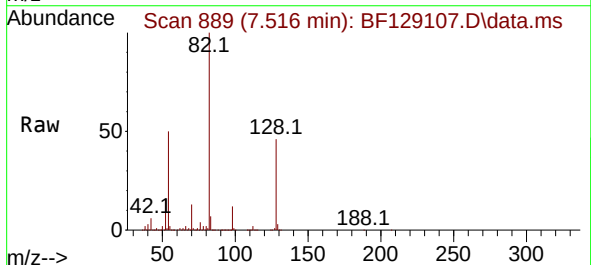
Instrument :
BNA_F
ClientSampleId :
GS-3A

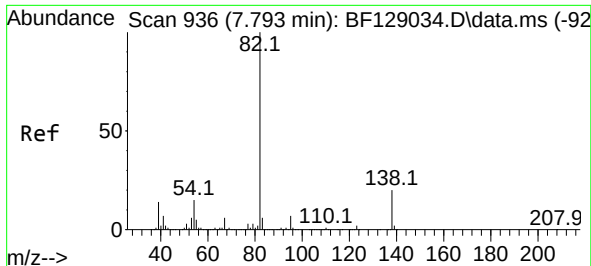
Tgt Ion:136 Resp: 1151041
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 7.5 11.3
68 6.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 70.317 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129107.D
Acq: 01 Jul 2022 22:59

Tgt Ion: 82 Resp: 1356964
Ion Ratio Lower Upper
82 100
128 45.8 34.0 51.0
54 50.0 46.9 70.3

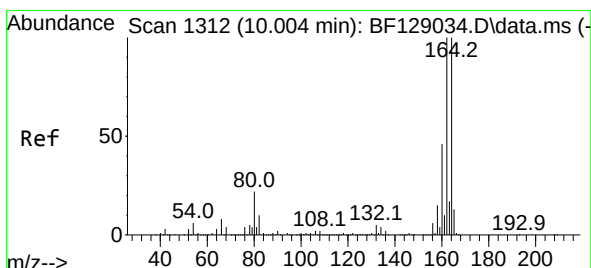
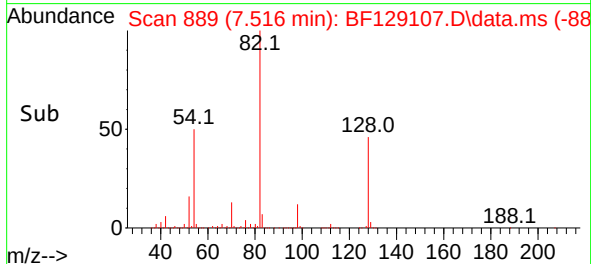
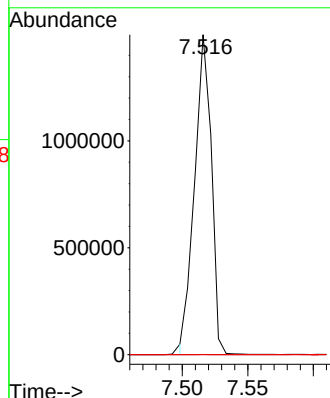
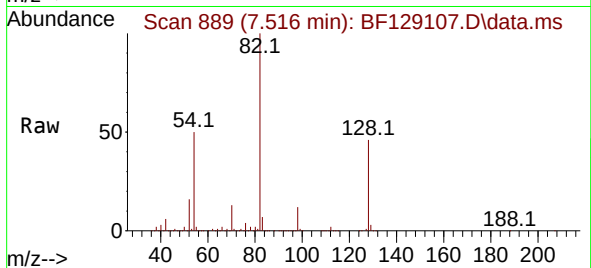




#25
Isophorone
Concen: 40.881 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.277 min
Lab File: BF129107.D
Acq: 01 Jul 2022 22:59

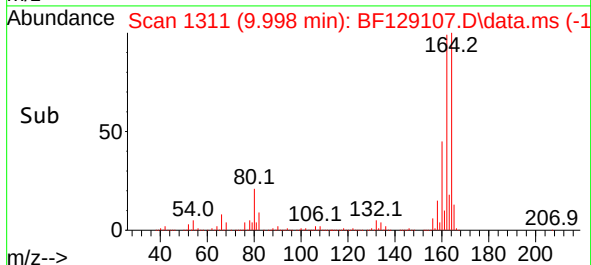
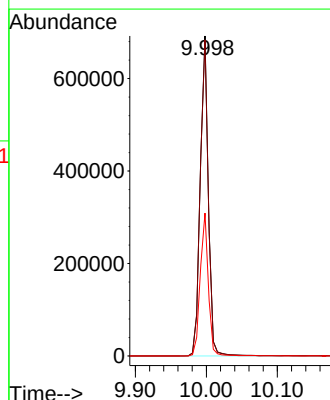
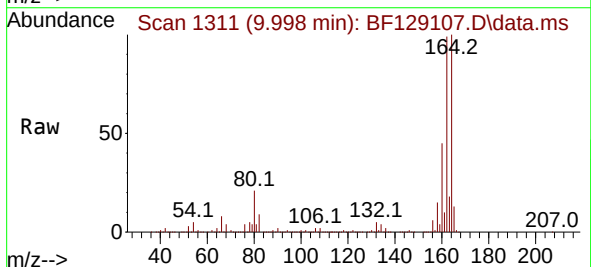
Instrument :
BNA_F
ClientSampleId :
GS-3A

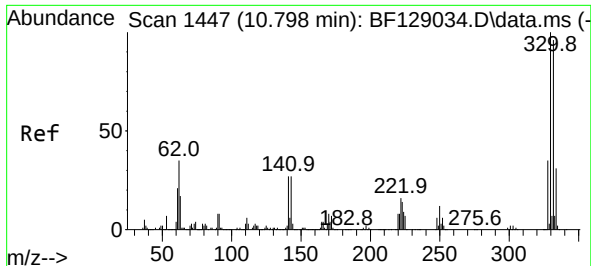
Tgt Ion: 82 Resp: 1333275
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129107.D
Acq: 01 Jul 2022 22:59

Tgt Ion:164 Resp: 547943
Ion Ratio Lower Upper
164 100
162 98.8 79.5 119.3
160 44.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 85.263 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF129107.D

Acq: 01 Jul 2022 22:59

Instrument :

BNA_F

ClientSampleId :

GS-3A

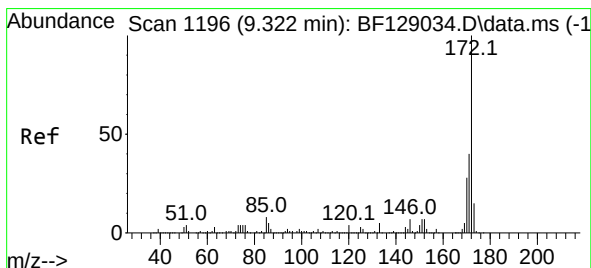
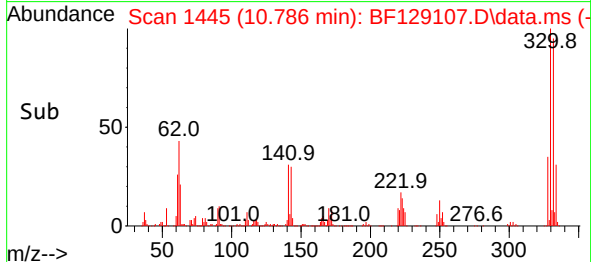
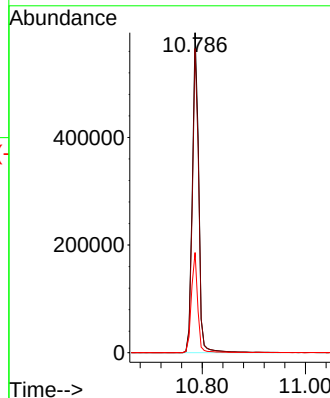
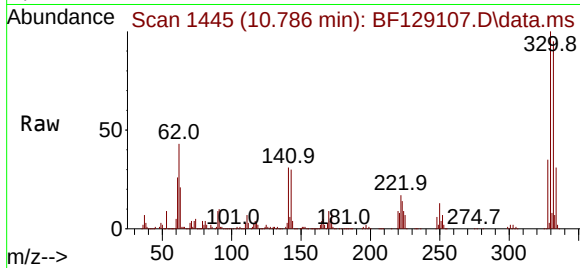
Tgt Ion:330 Resp: 508002

Ion Ratio Lower Upper

330 100

332 94.2 76.8 115.2

141 31.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 69.611 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129107.D

Acq: 01 Jul 2022 22:59

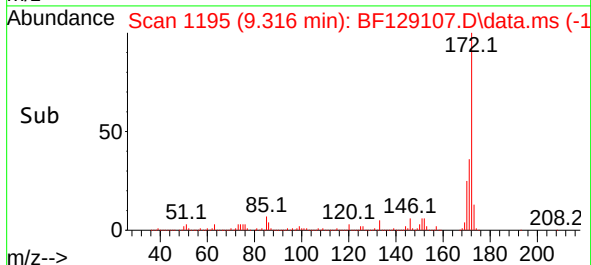
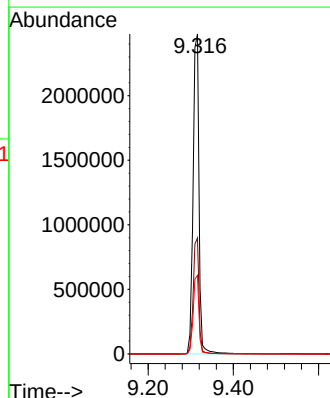
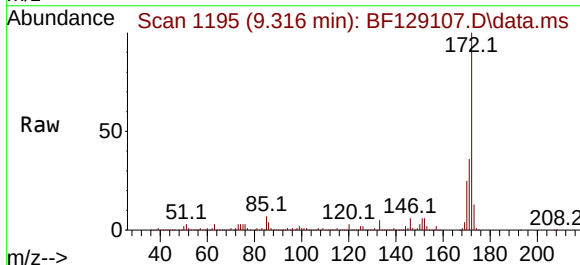
Tgt Ion:172 Resp: 2384253

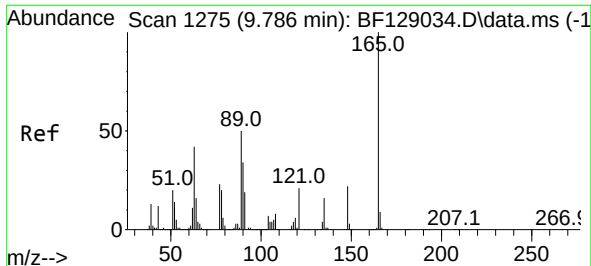
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.6 19.8 29.8

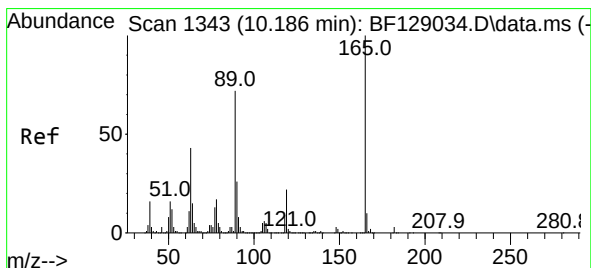
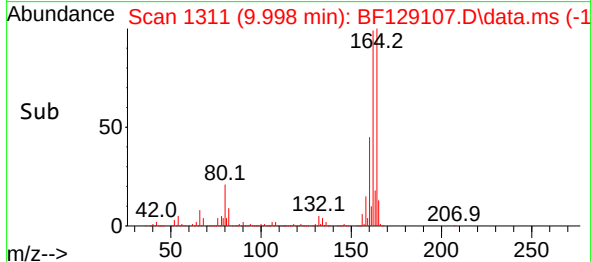
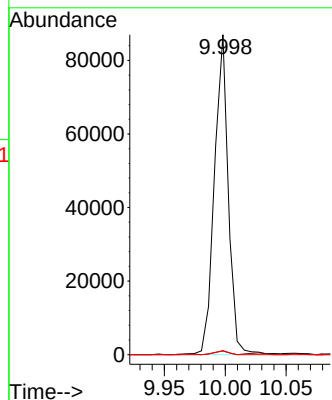
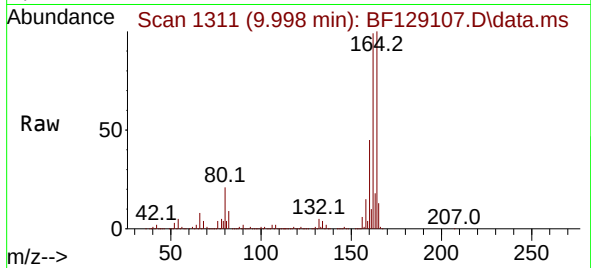




#51
2,6-Dinitrotoluene
Concen: 9.948 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.212 min
Lab File: BF129107.D
Acq: 01 Jul 2022 22:59

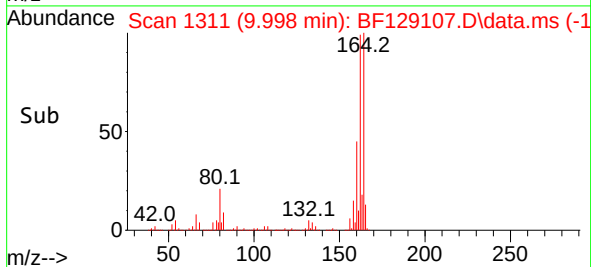
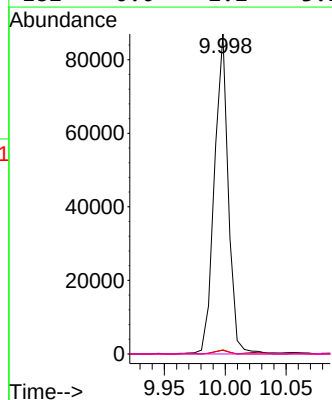
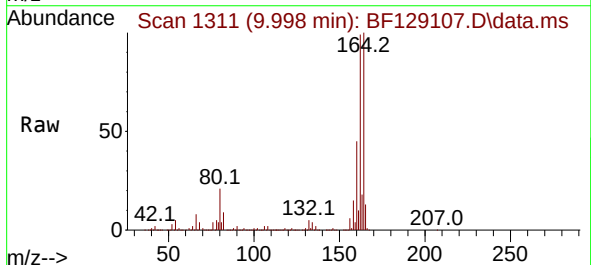
Instrument :
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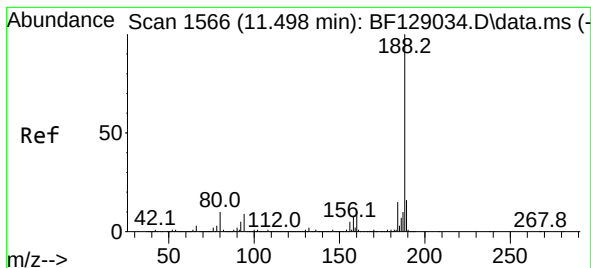
Tgt Ion:165 Resp: 69683
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.058 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF129107.D
Acq: 01 Jul 2022 22:59

Tgt Ion:165 Resp: 69683
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129107.D

Acq: 01 Jul 2022 22:59

Instrument :

BNA_F

ClientSampleId :

GS-3A

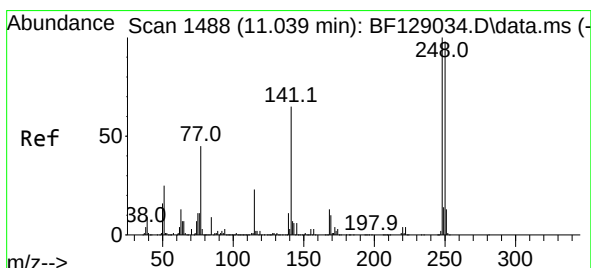
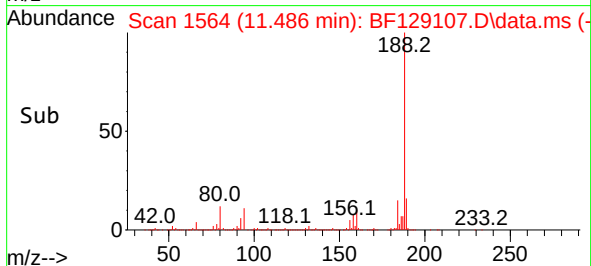
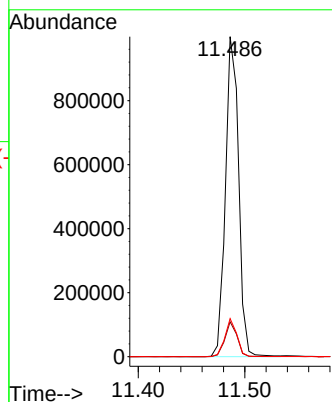
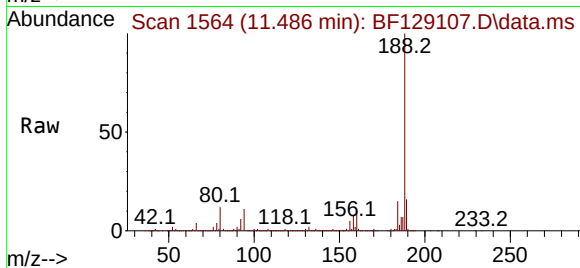
Tgt Ion:188 Resp: 856008

Ion Ratio Lower Upper

188 100

94 10.9 7.0 10.6#

80 11.9 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 3.410 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF129107.D

Acq: 01 Jul 2022 22:59

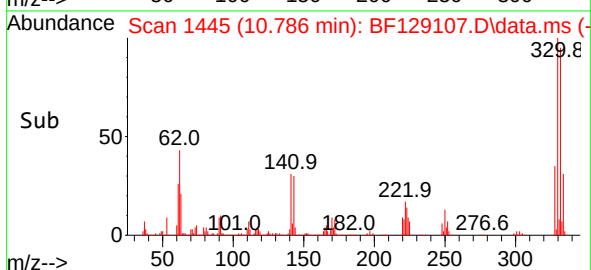
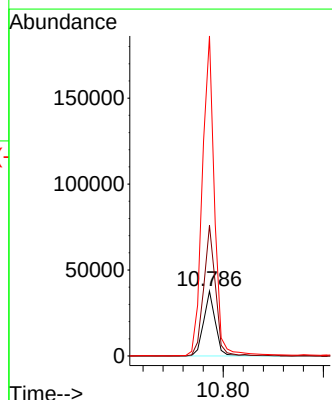
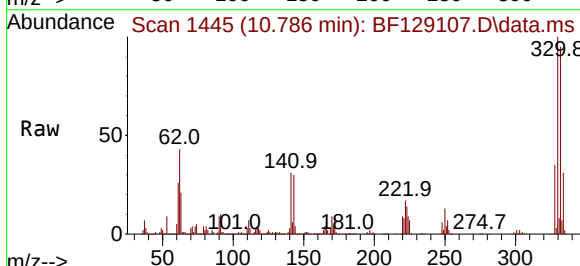
Tgt Ion:248 Resp: 31051

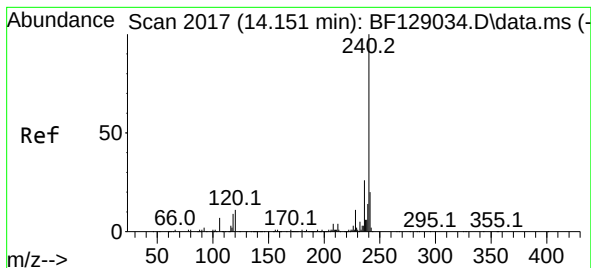
Ion Ratio Lower Upper

248 100

250 201.4 80.6 120.8#

141 493.5 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF129107.D

Acq: 01 Jul 2022 22:59

Instrument :

BNA_F

ClientSampleId :

GS-3A

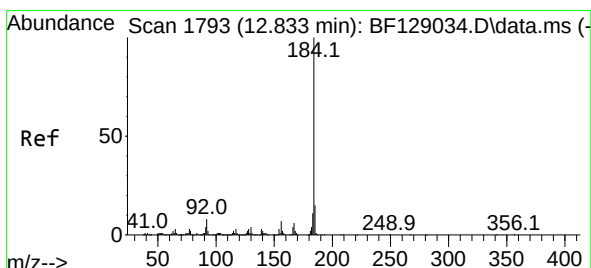
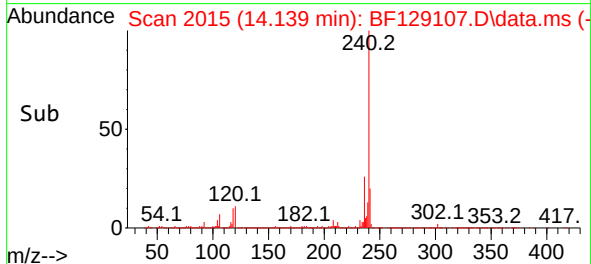
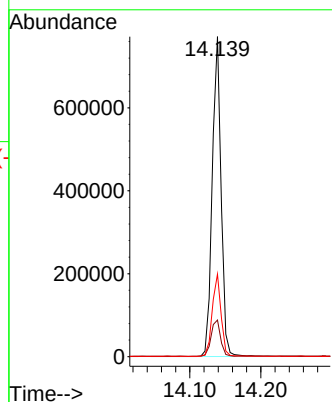
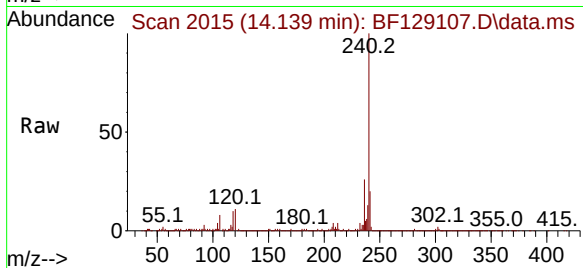
Tgt Ion:240 Resp: 670811

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

236 25.8 20.8 31.2



#77

Benzidine

Concen: 2.330 ng

RT: 13.074 min Scan# 1834

Delta R.T. 0.241 min

Lab File: BF129107.D

Acq: 01 Jul 2022 22:59

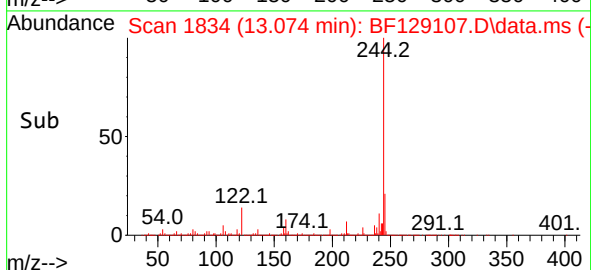
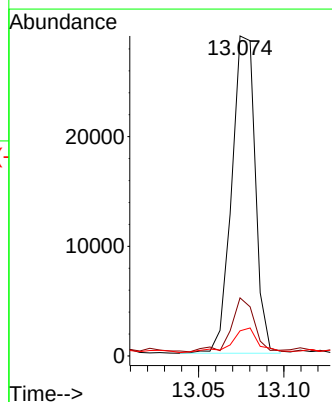
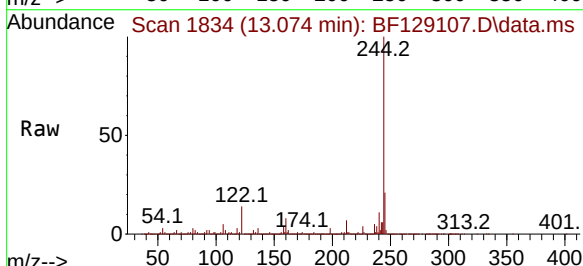
Tgt Ion:184 Resp: 27831

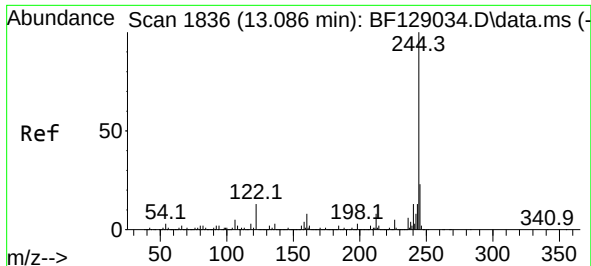
Ion Ratio Lower Upper

184 100

185 18.2 11.9 17.9#

183 7.8 9.3 13.9#

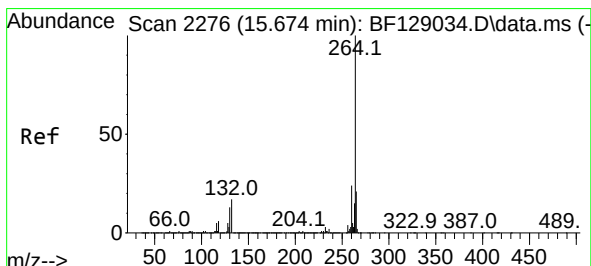
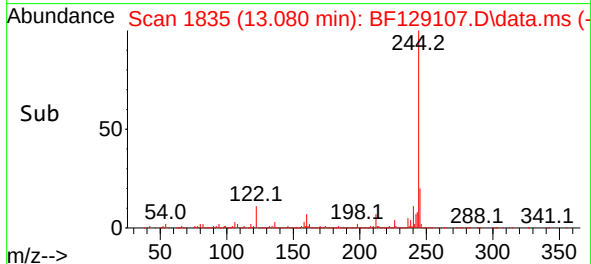
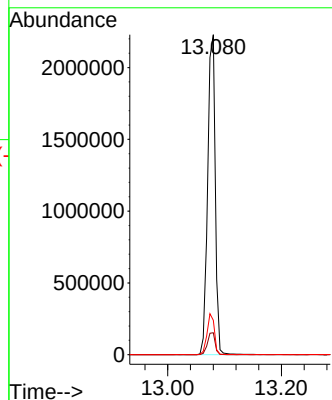
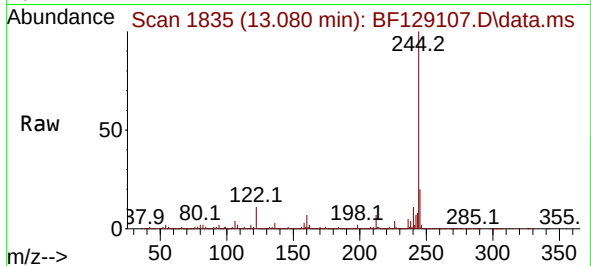




#79
 Terphenyl-d14
 Concen: 63.879 ng
 RT: 13.080 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF129107.D
 Acq: 01 Jul 2022 22:59

Instrument :
 BNA_F
 ClientSampleId :
 GS-3A

Tgt Ion:244 Resp: 2063474
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 10.7 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF129107.D
 Acq: 01 Jul 2022 22:59

Tgt Ion:264 Resp: 572946
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 22.7 17.2 25.8

