

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126953.D
 Acq On : 18 Feb 2022 15:24
 Operator : CG\JU
 Sample : PB142454BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142454BL

Quant Time: Feb 18 16:19:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

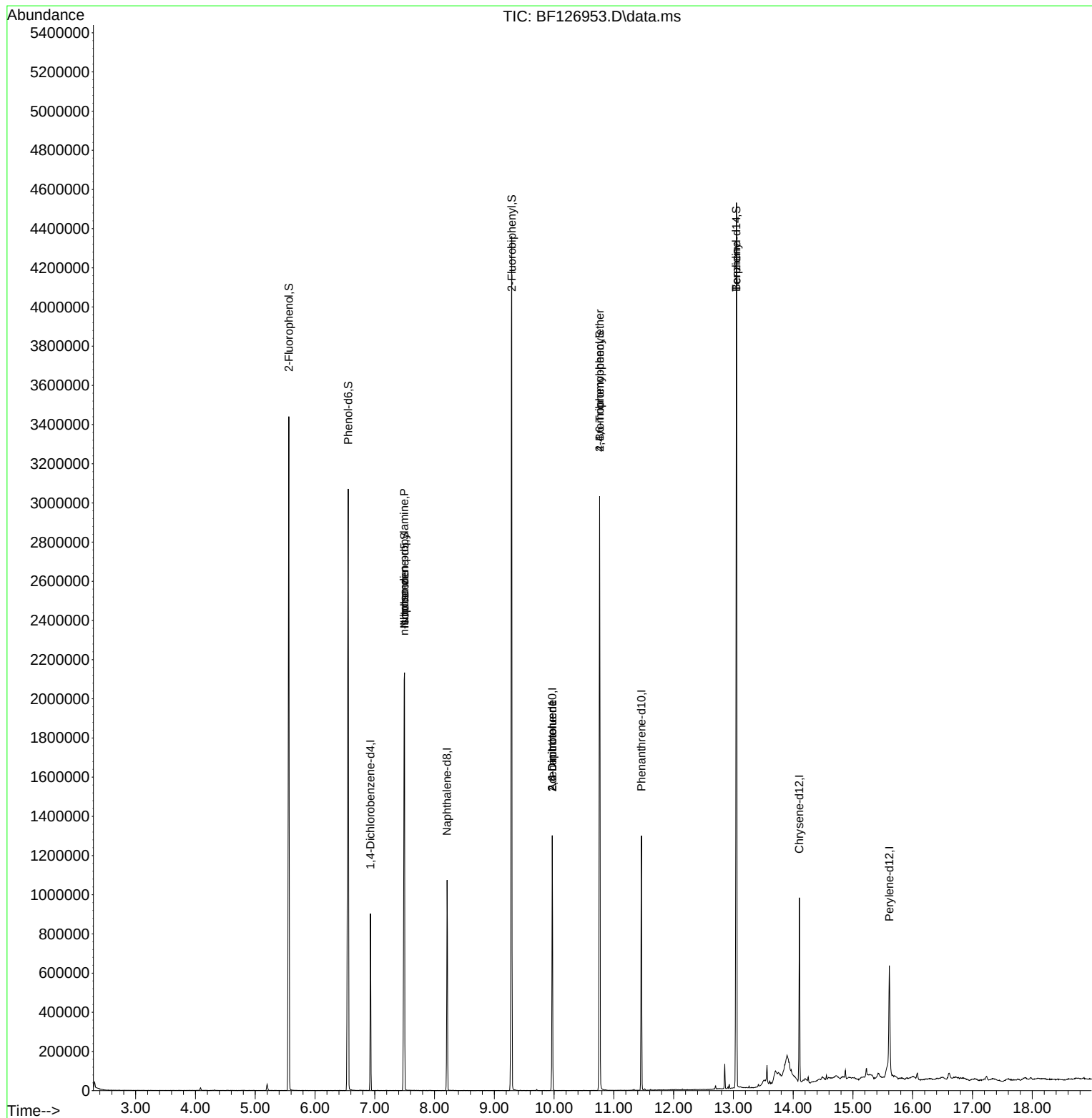
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	110303	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	454962	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	239391	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	432332	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	280711	20.000	ng	# 0.00
86) Perylene-d12	15.609	264	213830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	875388	122.660	ng	0.02
7) Phenol-d6	6.557	99	1156687	120.114	ng	0.00
23) Nitrobenzene-d5	7.498	82	837823	83.121	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	358850	130.194	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1336096	82.164	ng	0.00
79) Terphenyl-d14	13.051	244	1601076	83.846	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	115764	18.656	ng	# 79
25) Isophorone	7.498	82	835728	50.107	ng	# 69
51) 2,6-Dinitrotoluene	9.969	165	31049	8.919	ng	# 22
57) 2,4-Dinitrotoluene	9.969	165	31049	6.596	ng	# 16
67) 4-Bromophenyl-phenylether	10.763	248	20913	4.329	ng	# 1
77) Benizidine	13.051	184	24041	3.151	ng	# 97

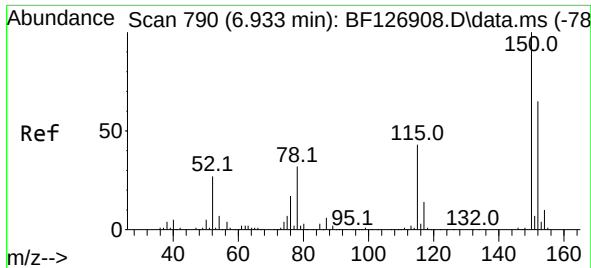
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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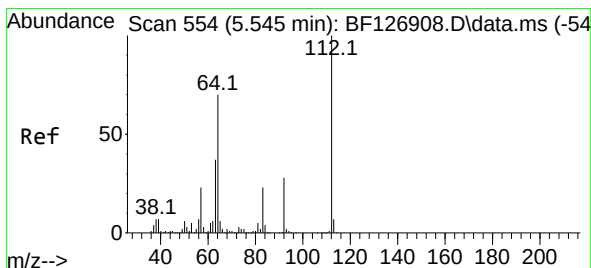
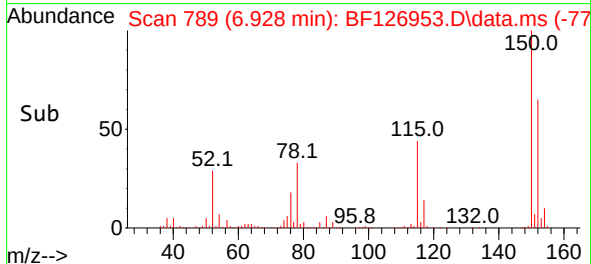
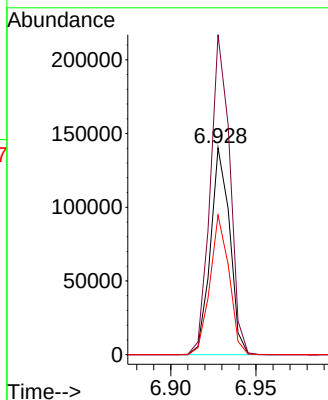
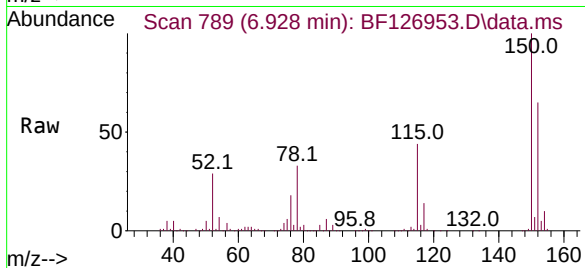




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF126953.D
 Acq: 18 Feb 2022 15:24

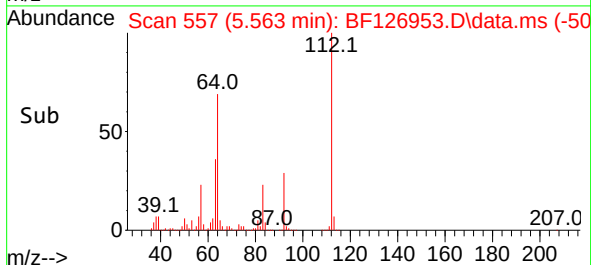
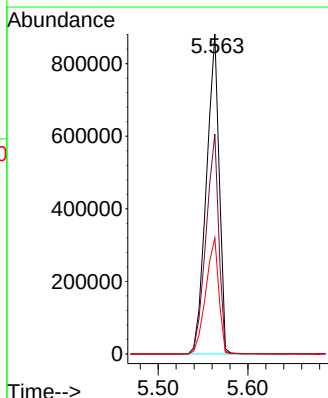
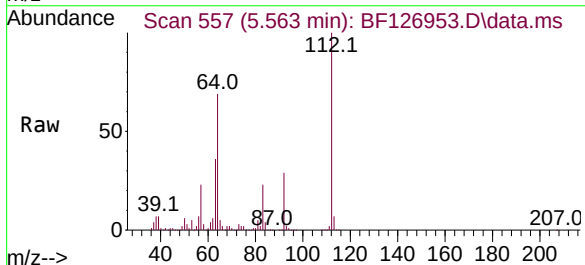
Instrument :
 BNA_F
 ClientSampleId :
 PB142454BL

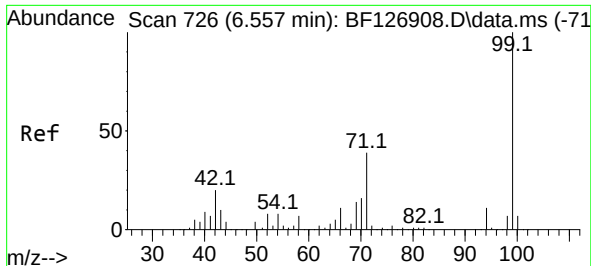
Tgt Ion:152 Resp: 110303
 Ion Ratio Lower Upper
 152 100
 150 154.6 128.1 192.1
 115 67.4 56.7 85.1



#5
 2-Fluorophenol
 Concen: 122.660 ng
 RT: 5.563 min Scan# 557
 Delta R.T. 0.018 min
 Lab File: BF126953.D
 Acq: 18 Feb 2022 15:24

Tgt Ion:112 Resp: 875388
 Ion Ratio Lower Upper
 112 100
 64 68.7 49.5 74.3
 63 36.3 23.9 35.9#

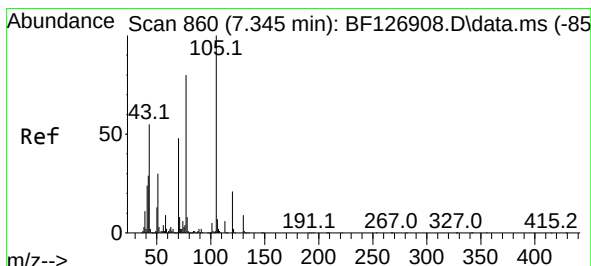
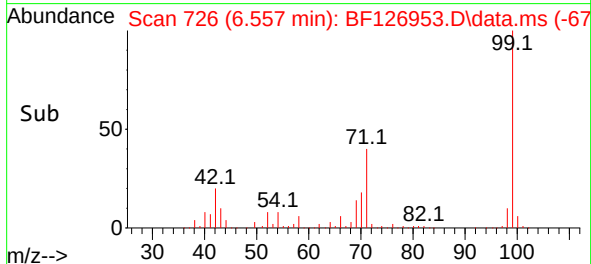
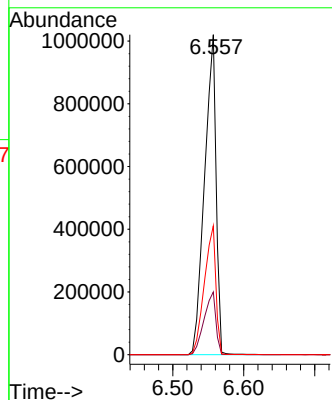
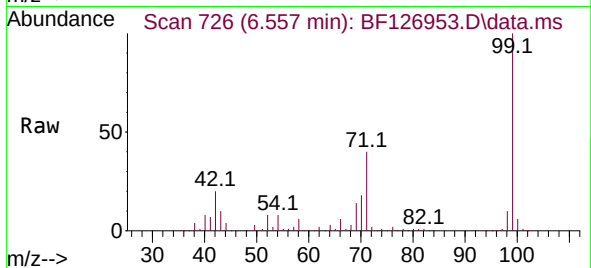




#7
Phenol-d6
Concen: 120.114 ng
RT: 6.557 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126953.D
Acq: 18 Feb 2022 15:24

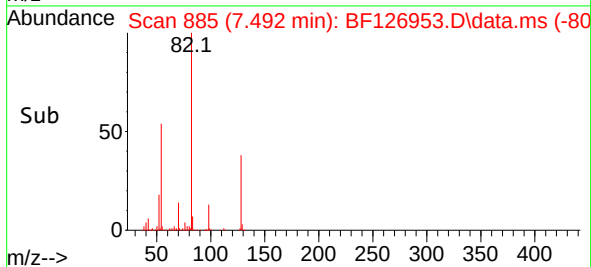
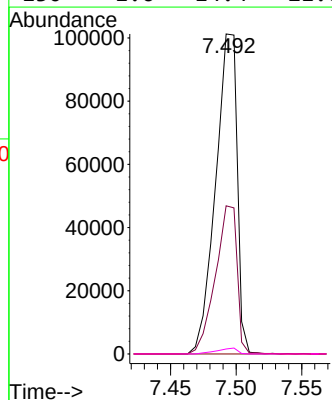
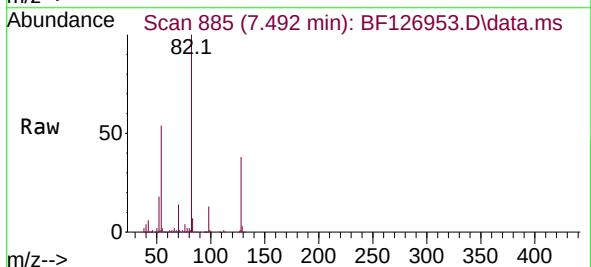
Instrument :
BNA_F
ClientSampleId :
PB142454BL

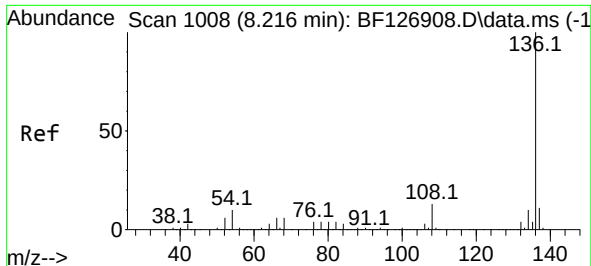
Tgt Ion: 99 Resp: 1156687
Ion Ratio Lower Upper
99 100
42 19.6 14.2 21.4
71 40.3 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.656 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF126953.D
Acq: 18 Feb 2022 15:24

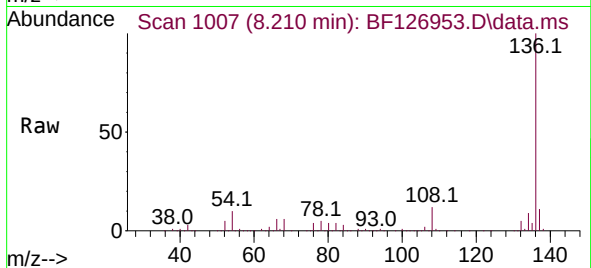
Tgt Ion: 70 Resp: 115764
Ion Ratio Lower Upper
70 100
42 46.3 45.8 68.8
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#



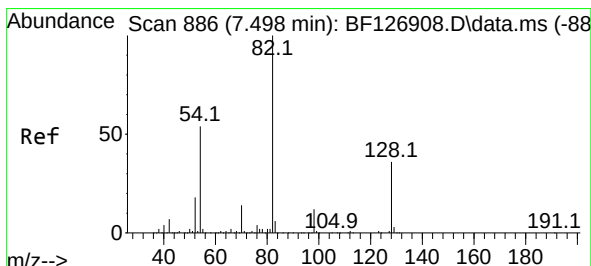
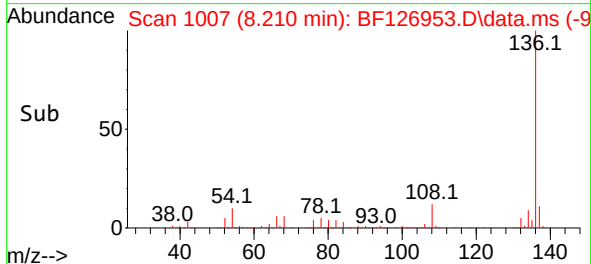
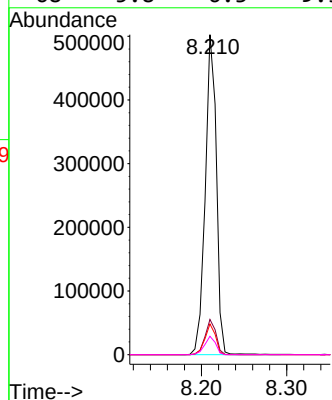


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126953.D
Acq: 18 Feb 2022 15:24

Instrument :
BNA_F
ClientSampleId :
PB142454BL

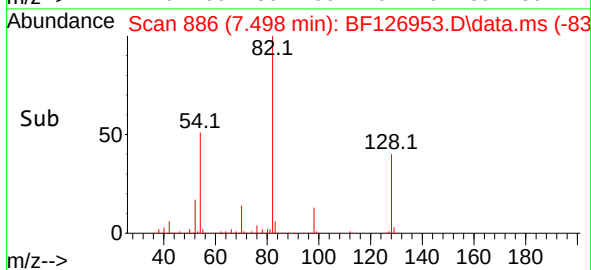
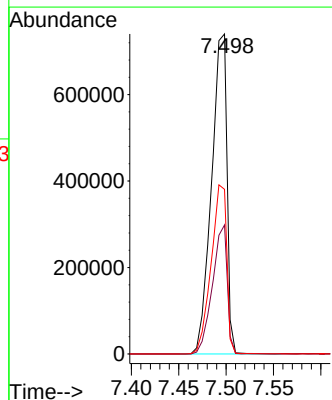
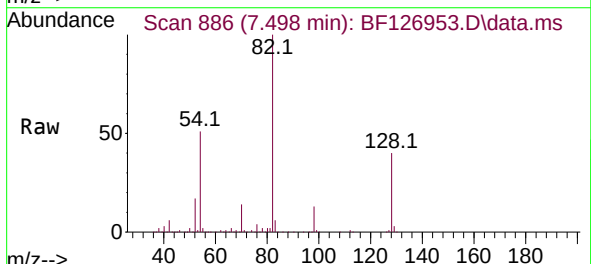


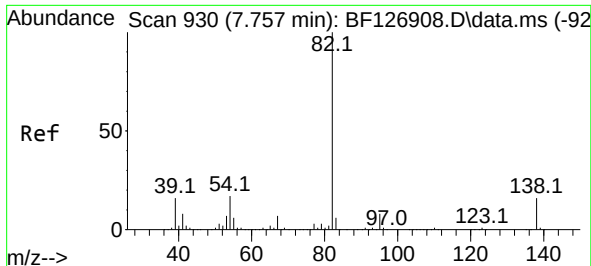
Tgt Ion:136 Resp: 454962
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.6 7.8 11.6
68 5.8 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 83.121 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF126953.D
Acq: 18 Feb 2022 15:24

Tgt Ion: 82 Resp: 837823
Ion Ratio Lower Upper
82 100
128 40.3 32.7 49.1
54 51.5 41.7 62.5

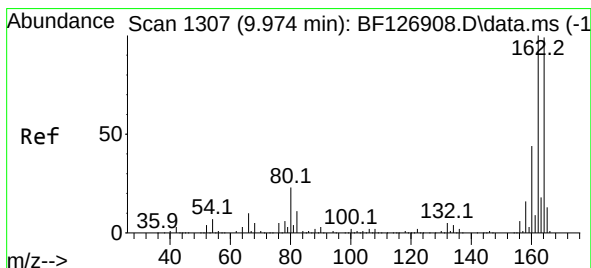
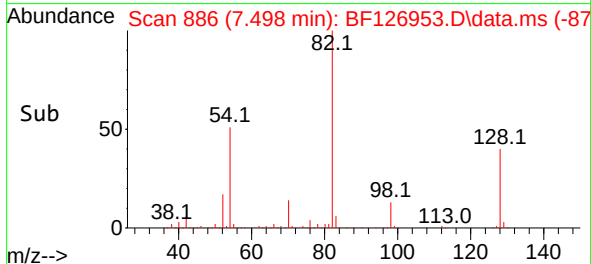
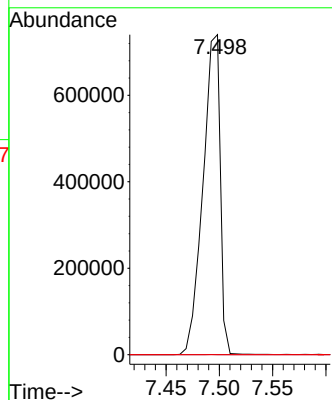
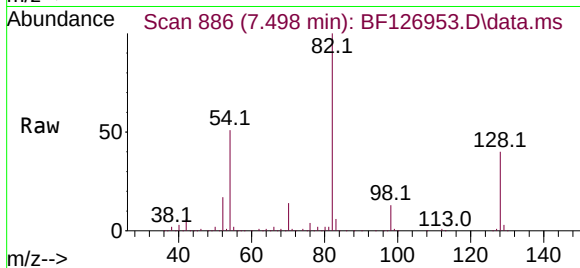




#25
Isophorone
Concen: 50.107 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF126953.D
Acq: 18 Feb 2022 15:24

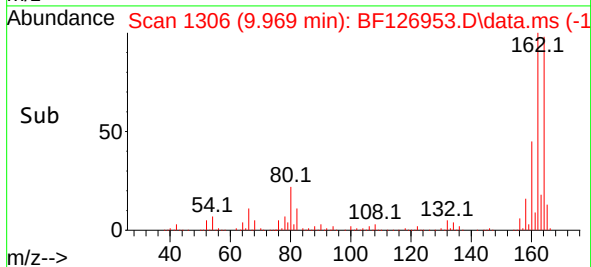
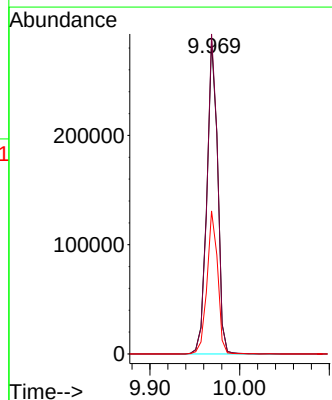
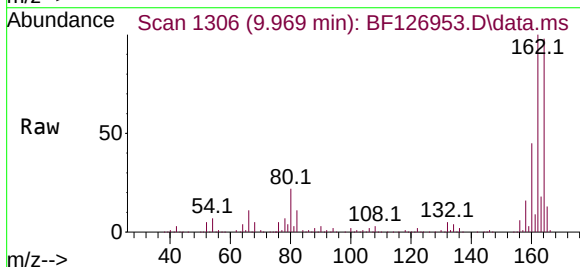
Instrument :
BNA_F
ClientSampleId :
PB142454BL

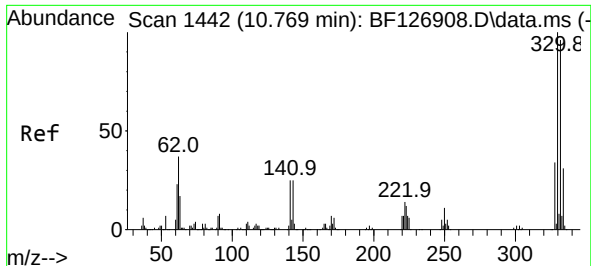
Tgt Ion: 82 Resp: 835728
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF126953.D
Acq: 18 Feb 2022 15:24

Tgt Ion:164 Resp: 239391
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 45.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 130.194 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF126953.D

Acq: 18 Feb 2022 15:24

Instrument :

BNA_F

ClientSampleId :

PB142454BL

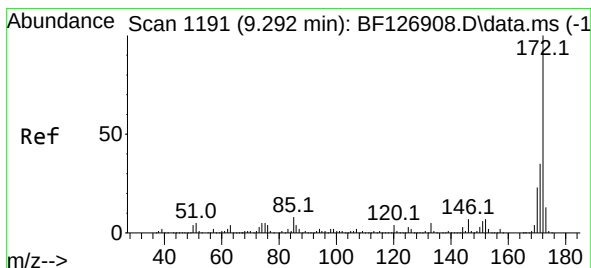
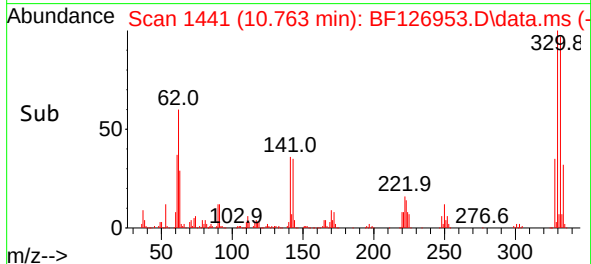
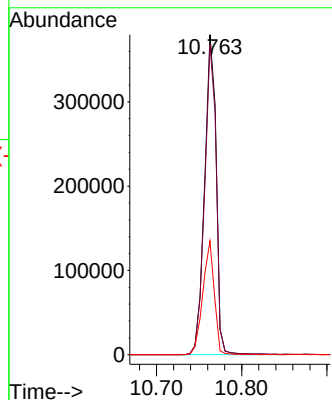
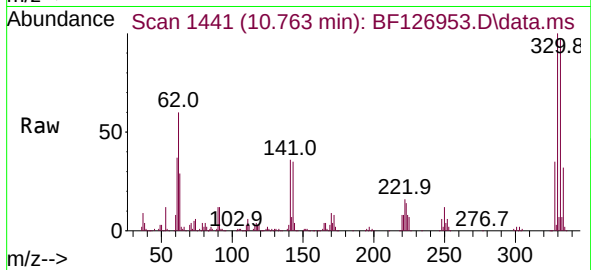
Tgt Ion:330 Resp: 358850

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

141 35.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 82.164 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF126953.D

Acq: 18 Feb 2022 15:24

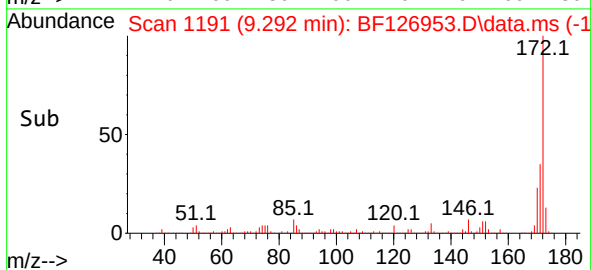
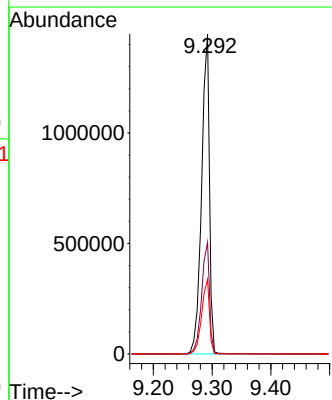
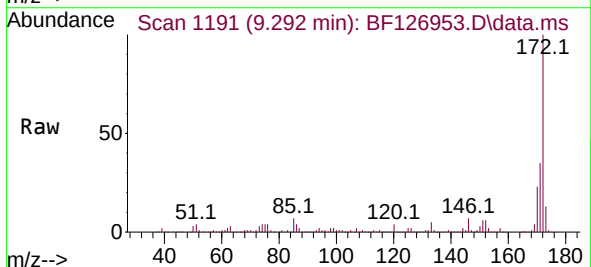
Tgt Ion:172 Resp: 1336096

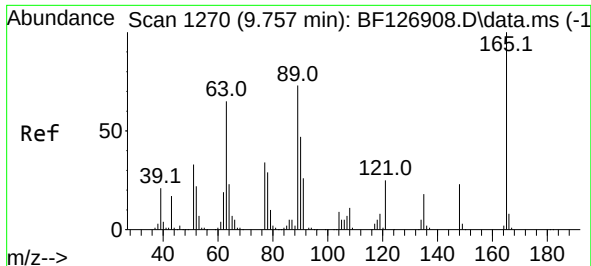
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.3 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.919 ng

RT: 9.969 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF126953.D

Acq: 18 Feb 2022 15:24

Instrument :

BNA_F

ClientSampleId :

PB142454BL

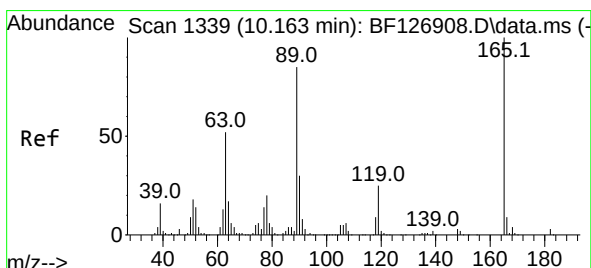
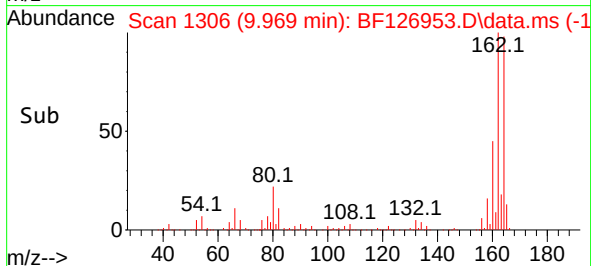
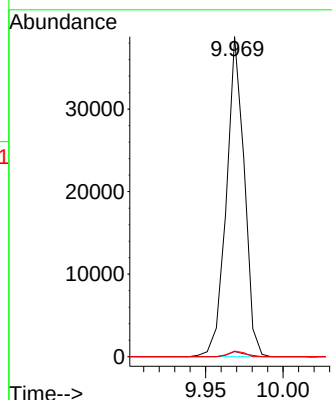
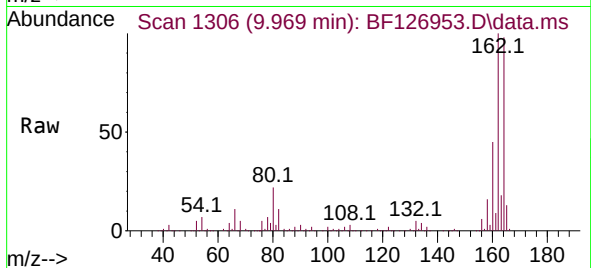
Tgt Ion:165 Resp: 31049

Ion Ratio Lower Upper

165 100

63 1.6 48.4 72.6#

89 1.7 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.596 ng

RT: 9.969 min Scan# 1306

Delta R.T. -0.194 min

Lab File: BF126953.D

Acq: 18 Feb 2022 15:24

Tgt Ion:165 Resp: 31049

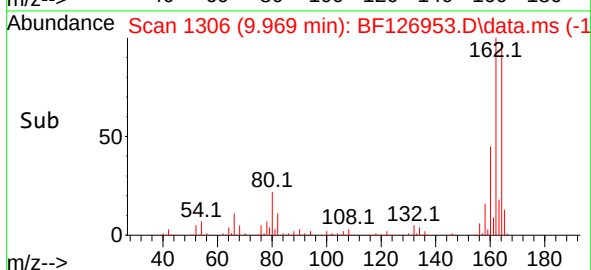
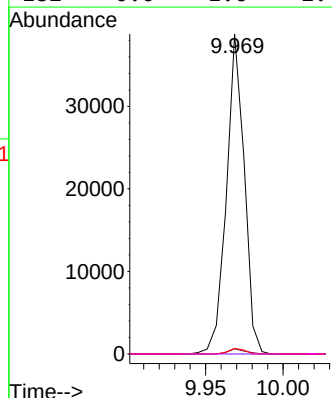
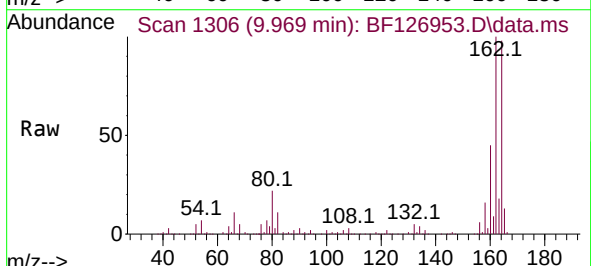
Ion Ratio Lower Upper

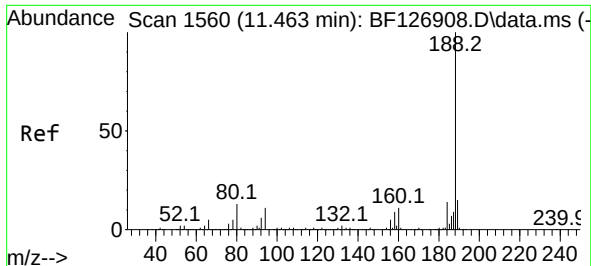
165 100

63 1.6 43.0 64.6#

89 1.7 71.0 106.4#

182 0.0 1.6 2.4#

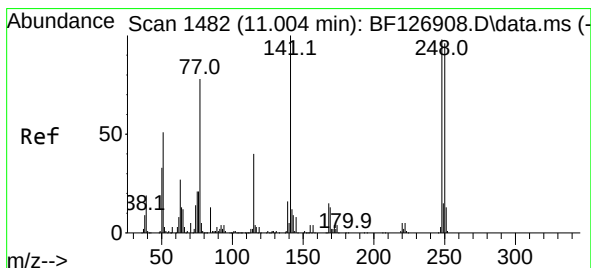
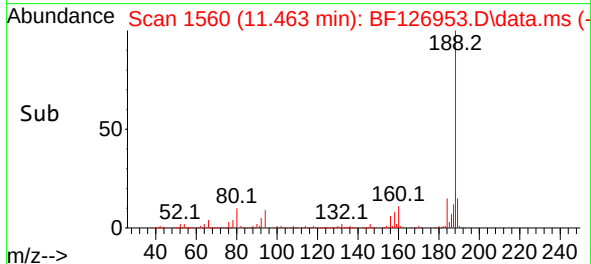
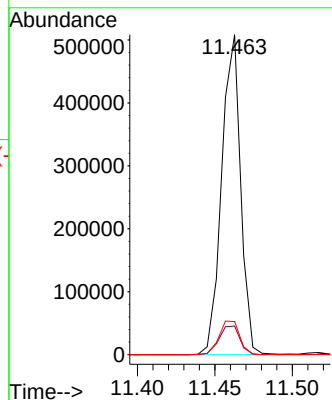
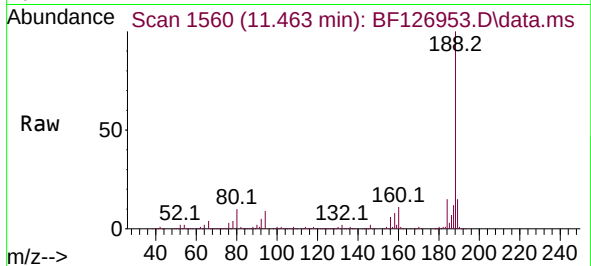




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11463
Delta R.T. 0.000 min
Lab File: BF126953.D
Acq: 18 Feb 2022 15:24

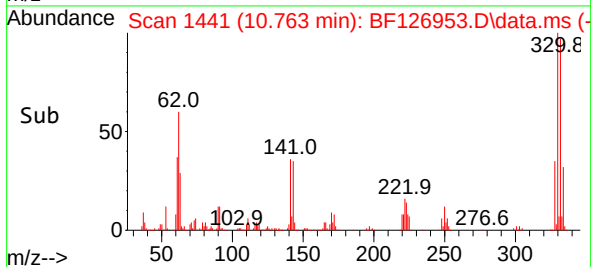
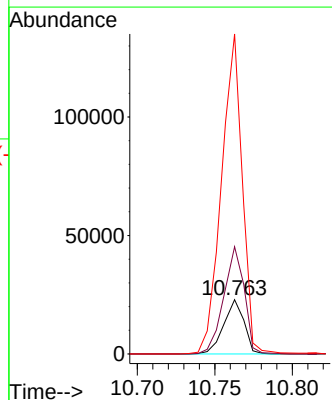
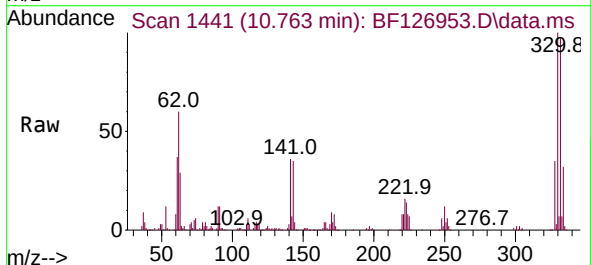
Instrument :
BNA_F
ClientSampleId :
PB142454BL

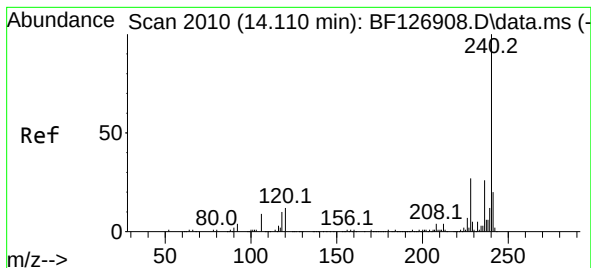
Tgt Ion:188 Resp: 432332
Ion Ratio Lower Upper
188 100
94 9.0 10.1 15.1#
80 10.3 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.329 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.241 min
Lab File: BF126953.D
Acq: 18 Feb 2022 15:24

Tgt Ion:248 Resp: 20913
Ion Ratio Lower Upper
248 100
250 197.4 76.2 114.4#
141 589.2 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF126953.D

Acq: 18 Feb 2022 15:24

Instrument :

BNA_F

ClientSampleId :

PB142454BL

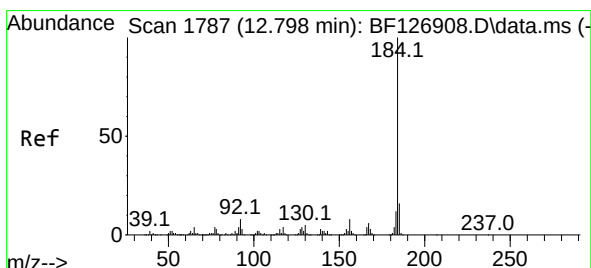
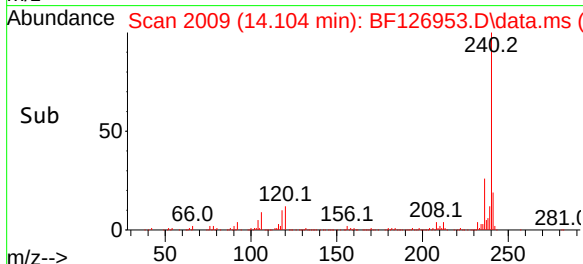
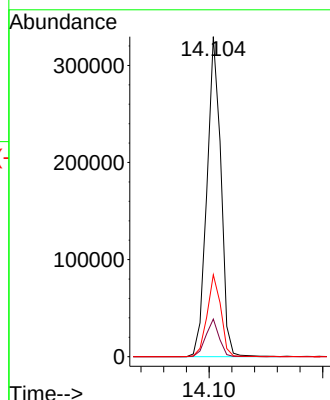
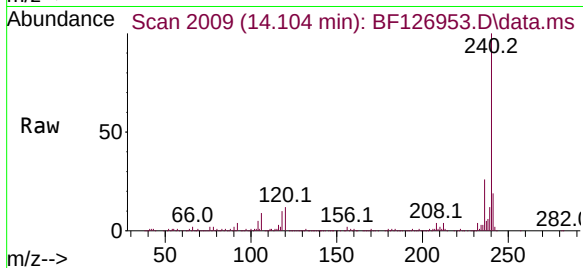
Tgt Ion:240 Resp: 280711

Ion Ratio Lower Upper

240 100

120 11.8 14.4 21.6#

236 25.6 20.5 30.7



#77

Benzdine

Concen: 3.151 ng

RT: 13.051 min Scan# 1830

Delta R.T. 0.253 min

Lab File: BF126953.D

Acq: 18 Feb 2022 15:24

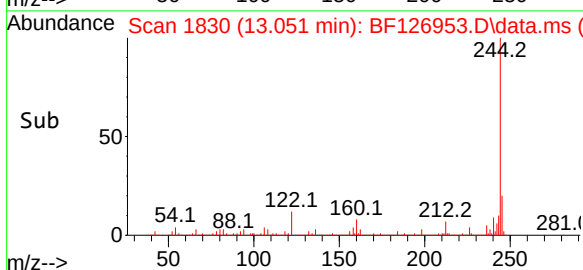
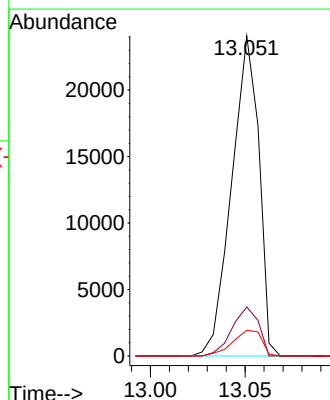
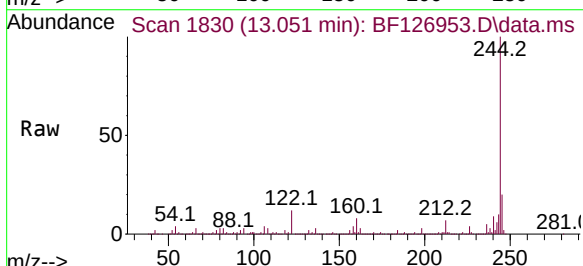
Tgt Ion:184 Resp: 24041

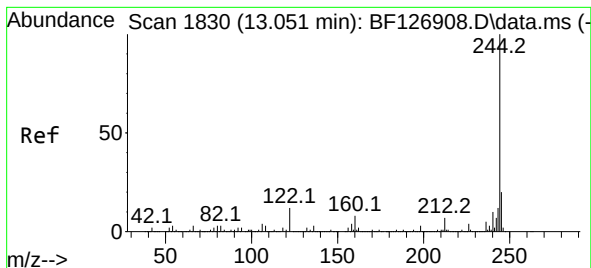
Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.8

183 8.1 8.2 12.2#





#79

Terphenyl-d14

Concen: 83.846 ng

RT: 13.051 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF126953.D

Acq: 18 Feb 2022 15:24

Instrument :

BNA_F

ClientSampleId :

PB142454BL

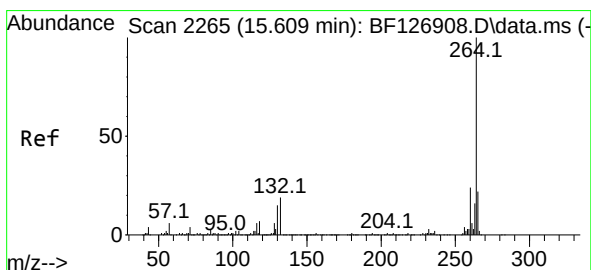
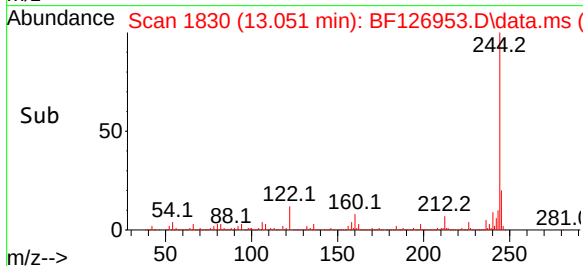
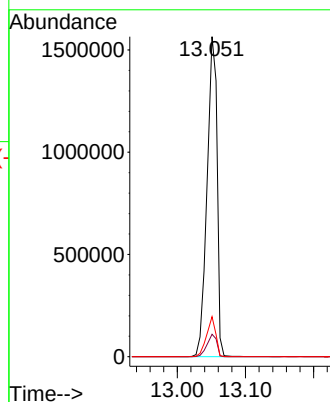
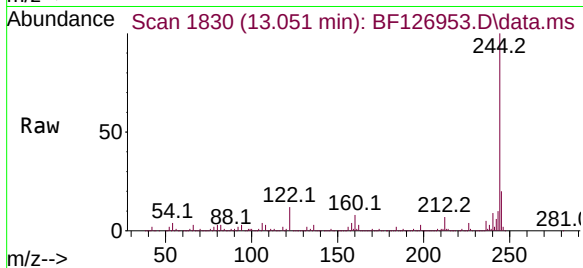
Tgt Ion:244 Resp: 1601076

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

122 12.5 13.3 19.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.609 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF126953.D

Acq: 18 Feb 2022 15:24

Tgt Ion:264 Resp: 213830

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.2 17.4 26.2

