

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127006.D
 Acq On : 22 Feb 2022 13:50
 Operator : CG\JU
 Sample : PB142770BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142770BL

Quant Time: Feb 22 23:57:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

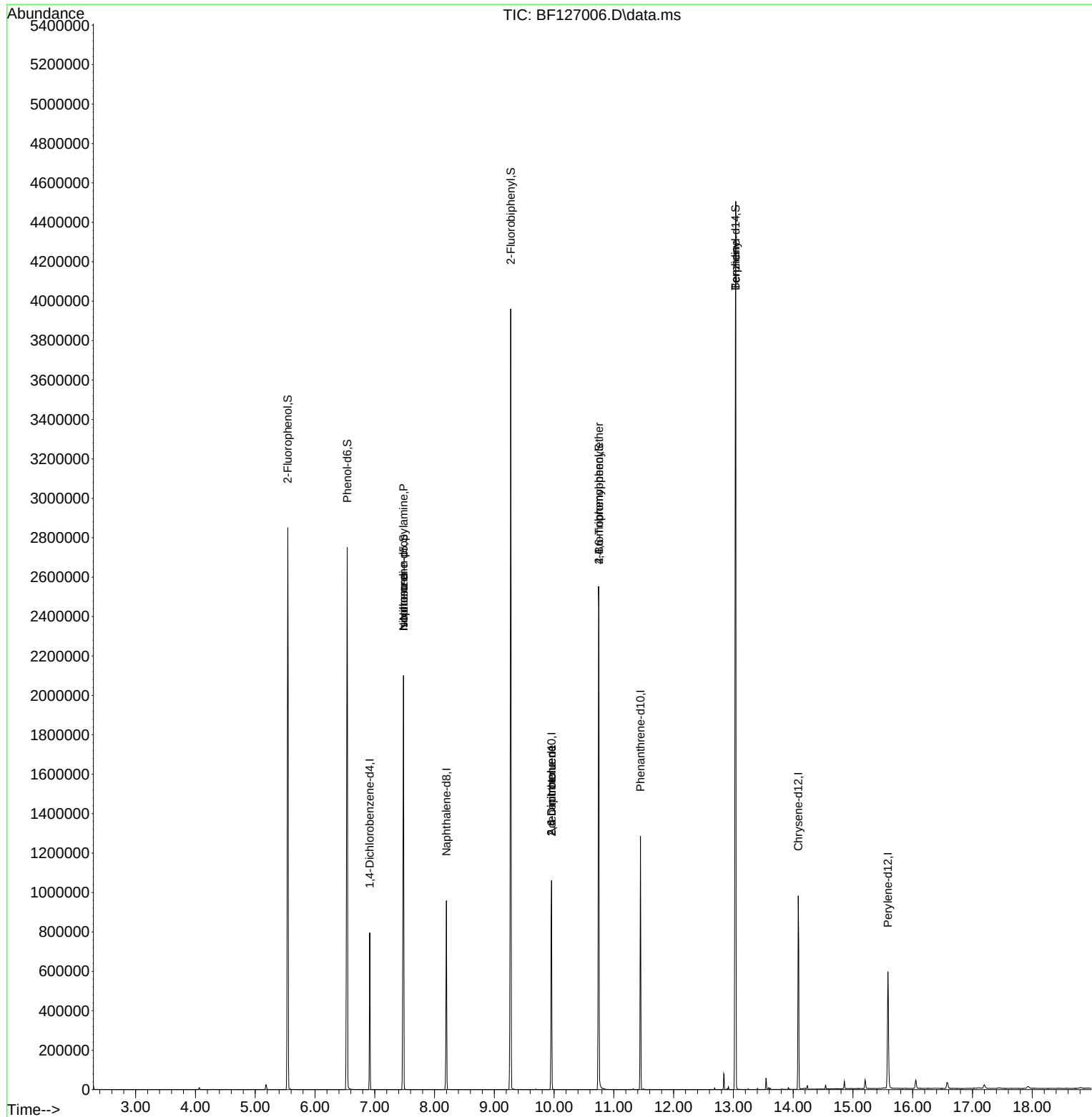
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	93982	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	383886	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	201799	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	392990	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	309820	20.000	ng	#-0.01
86) Perylene-d12	15.586	264	252375	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	769517	126.550	ng	0.00
7) Phenol-d6	6.540	99	1001232	122.026	ng	0.00
23) Nitrobenzene-d5	7.481	82	706041	83.016	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	323017	139.025	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1178304	85.959	ng	0.00
79) Terphenyl-d14	13.039	244	1557360	73.894	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	98410	18.613	ng	# 80
25) Isophorone	7.481	82	704833	50.083	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	25611	8.727	ng	# 21
57) 2,4-Dinitrotoluene	9.957	165	25611	6.454	ng	# 15
67) 4-Bromophenyl-phenylether	10.751	248	19342	4.405	ng	# 1
77) Benzidine	13.039	184	22913	2.721	ng	# 97

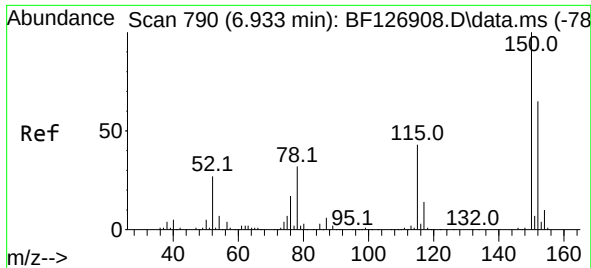
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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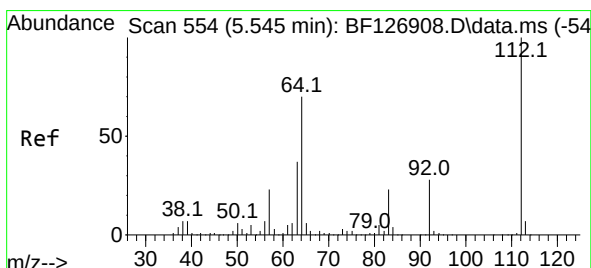
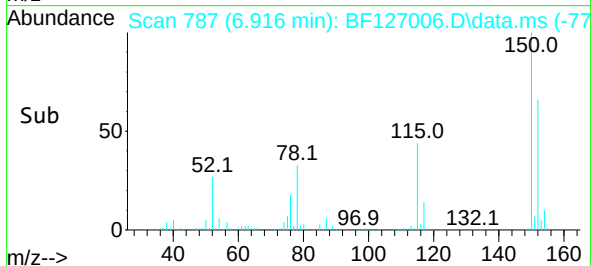
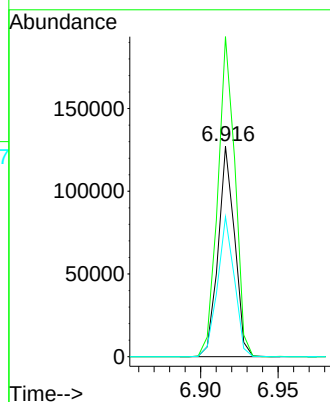
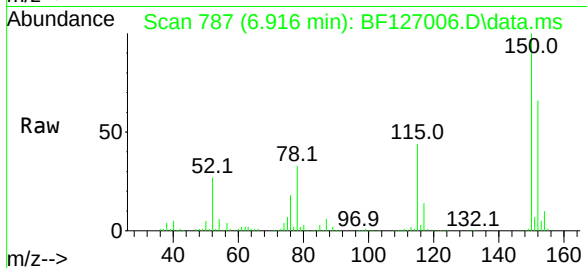




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127006.D
 Acq: 22 Feb 2022 13:50

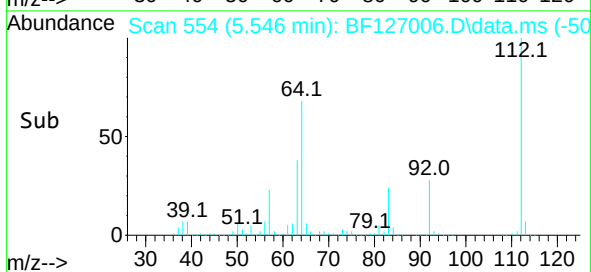
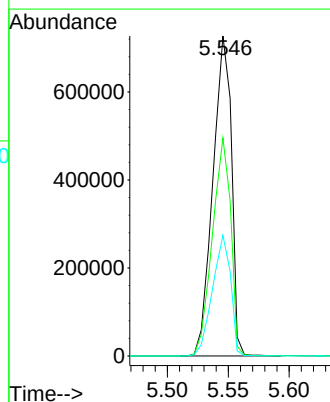
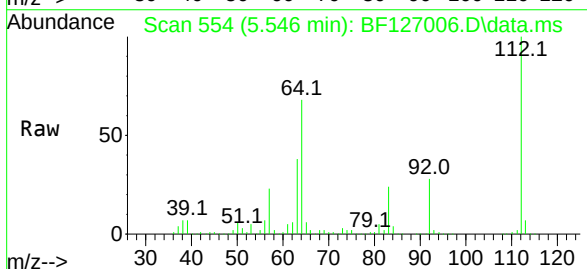
Instrument :
 BNA_F
 ClientSampleId :
 PB142770BL

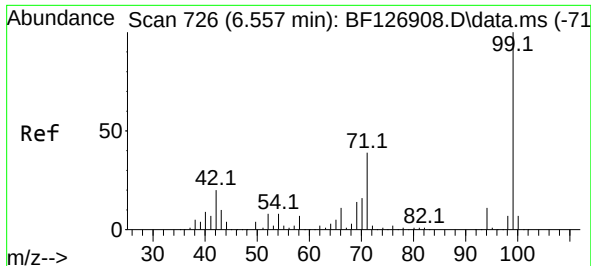
Tgt Ion:152 Resp: 93982
 Ion Ratio Lower Upper
 152 100
 150 152.1 128.1 192.1
 115 66.5 56.7 85.1



#5
 2-Fluorophenol
 Concen: 126.550 ng
 RT: 5.546 min Scan# 554
 Delta R.T. 0.006 min
 Lab File: BF127006.D
 Acq: 22 Feb 2022 13:50

Tgt Ion:112 Resp: 769517
 Ion Ratio Lower Upper
 112 100
 64 68.2 49.5 74.3
 63 37.7 23.9 35.9#

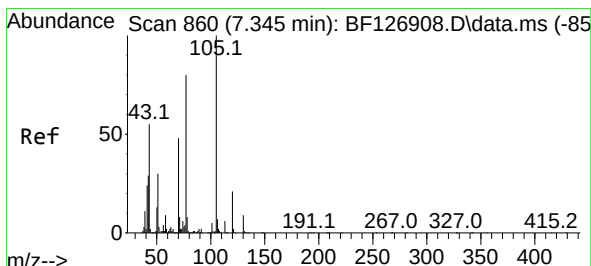
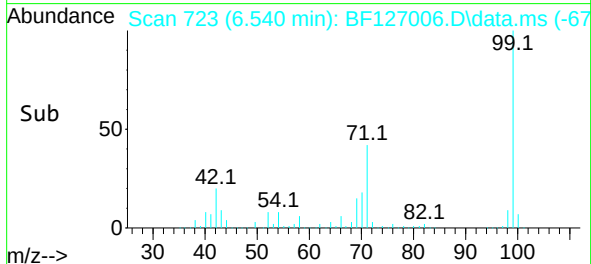
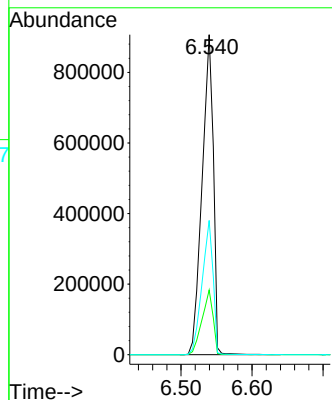
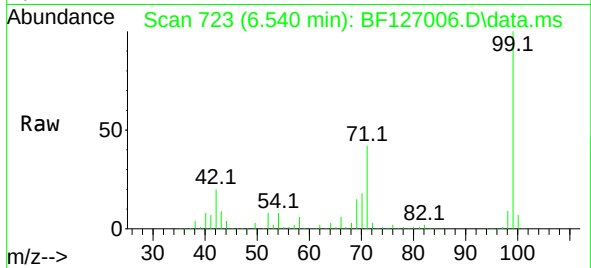




#7
Phenol-d6
Concen: 122.026 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127006.D
Acq: 22 Feb 2022 13:50

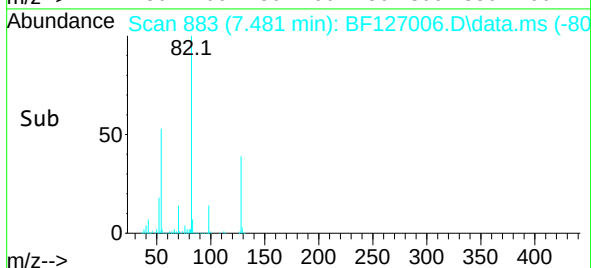
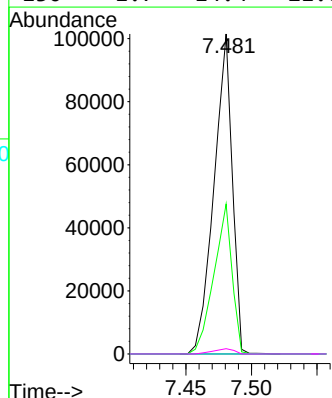
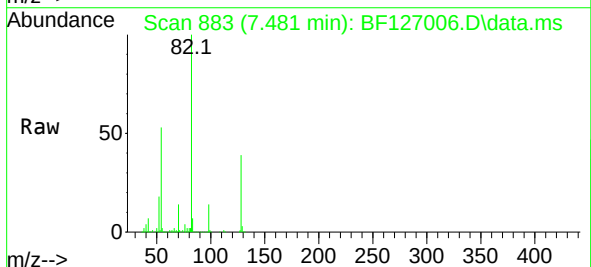
Instrument :
BNA_F
ClientSampleId :
PB142770BL

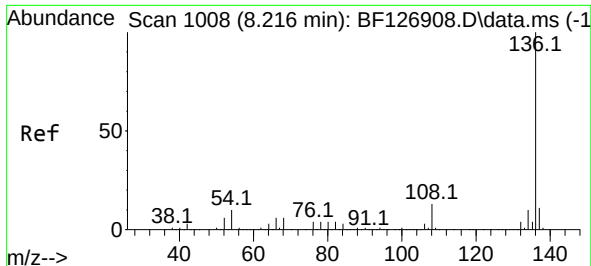
Tgt Ion: 99 Resp: 1001232
Ion Ratio Lower Upper
99 100
42 20.2 14.2 21.4
71 42.0 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.613 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF127006.D
Acq: 22 Feb 2022 13:50

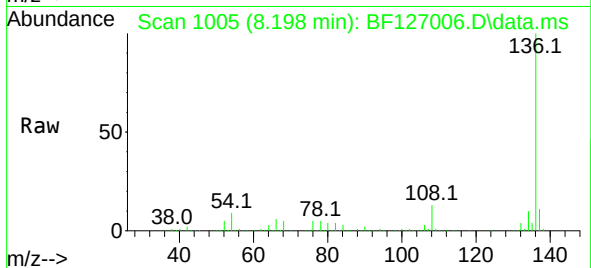
Tgt Ion: 70 Resp: 98410
Ion Ratio Lower Upper
70 100
42 46.8 45.8 68.8
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#



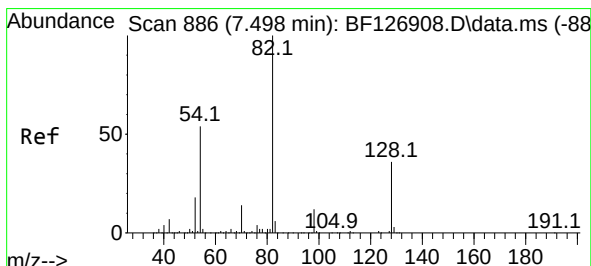
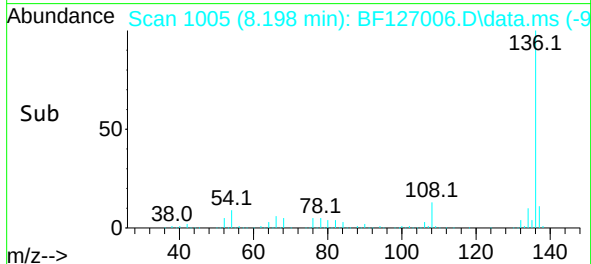
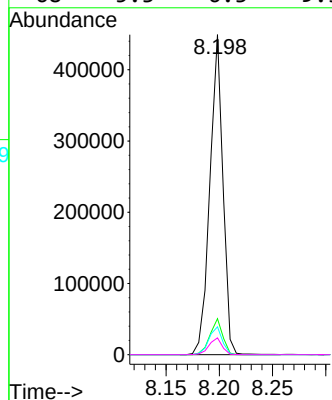


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127006.D
Acq: 22 Feb 2022 13:50

Instrument :
BNA_F
ClientSampleId :
PB142770BL

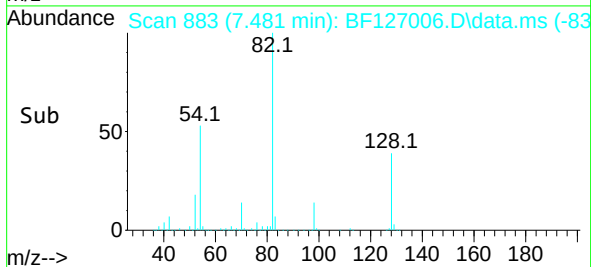
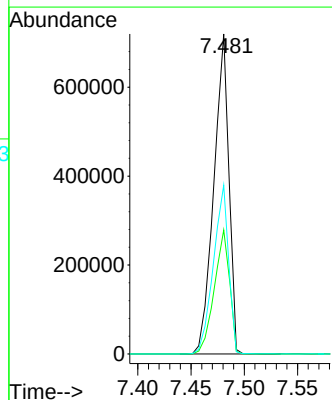
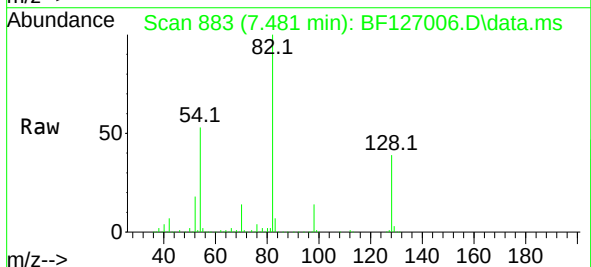


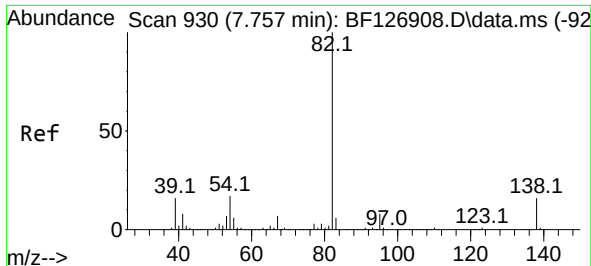
Tgt Ion:136 Resp: 383886
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.7 7.8 11.6
68 5.3 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 83.016 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF127006.D
Acq: 22 Feb 2022 13:50

Tgt Ion: 82 Resp: 706041
Ion Ratio Lower Upper
82 100
128 38.8 32.7 49.1
54 52.8 41.7 62.5

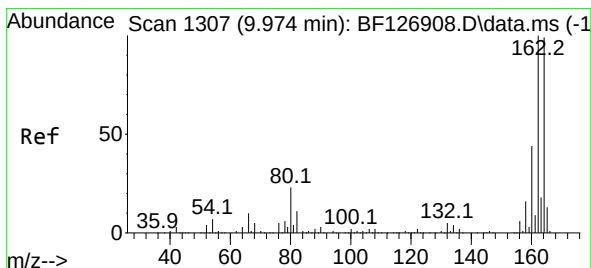
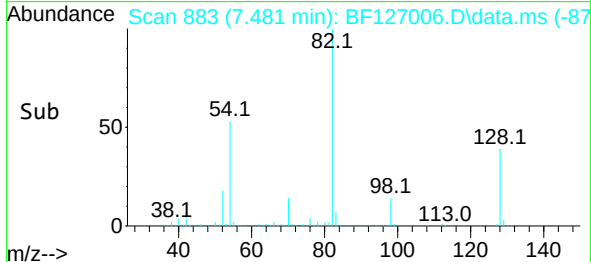
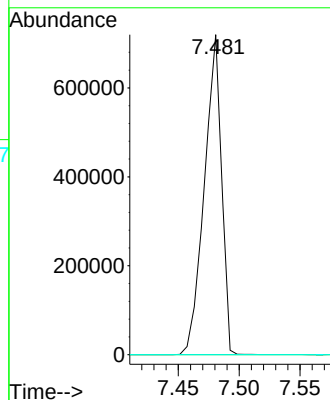
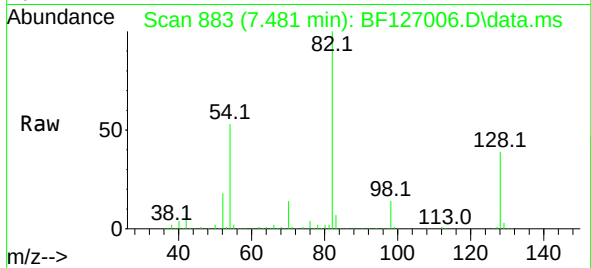




#25
Isophorone
Concen: 50.083 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127006.D
Acq: 22 Feb 2022 13:50

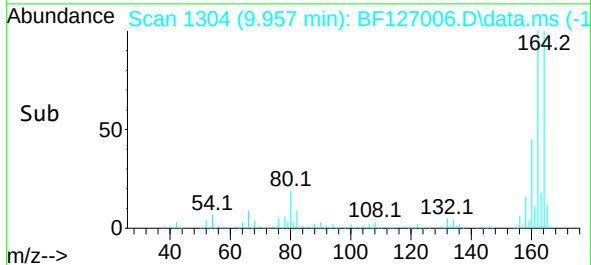
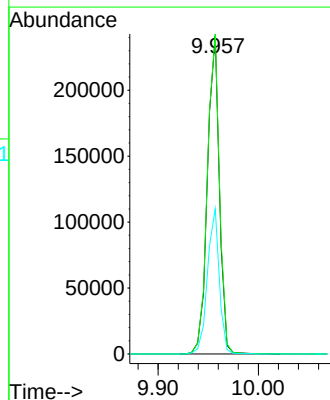
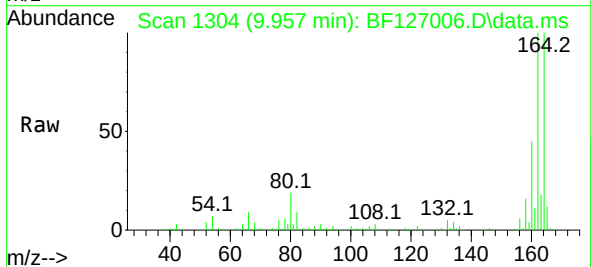
Instrument :
BNA_F
ClientSampleId :
PB142770BL

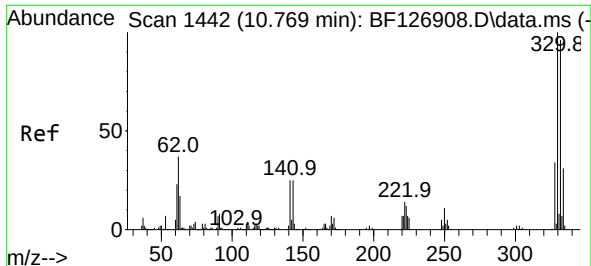
Tgt Ion: 82 Resp: 704833
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF127006.D
Acq: 22 Feb 2022 13:50

Tgt Ion: 164 Resp: 201799
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 45.6 36.6 54.8

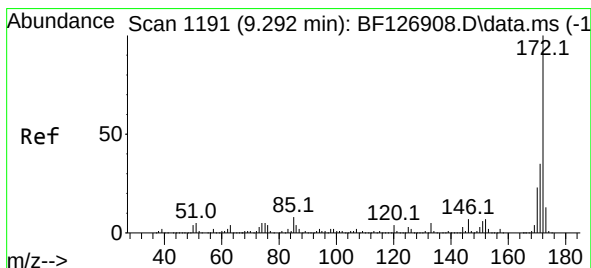
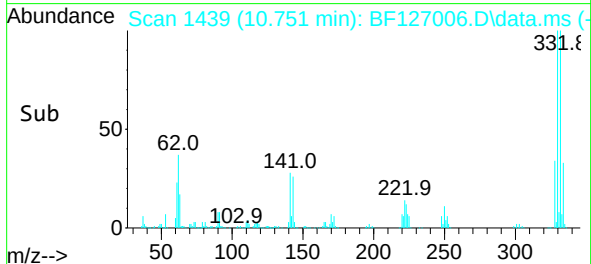
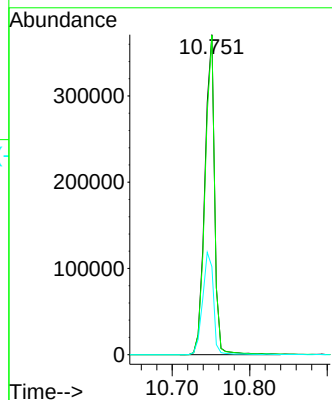
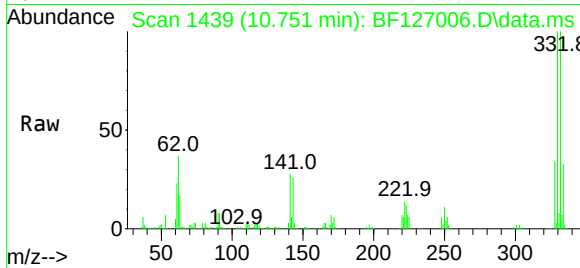




#42
 2,4,6-Tribromophenol
 Concen: 139.025 ng
 RT: 10.751 min Scan# 1442
 Delta R.T. 0.000 min
 Lab File: BF127006.D
 Acq: 22 Feb 2022 13:50

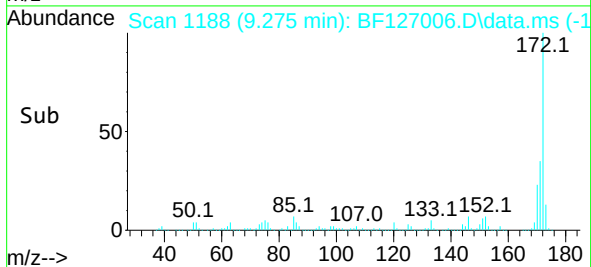
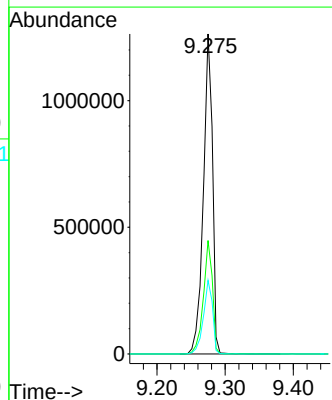
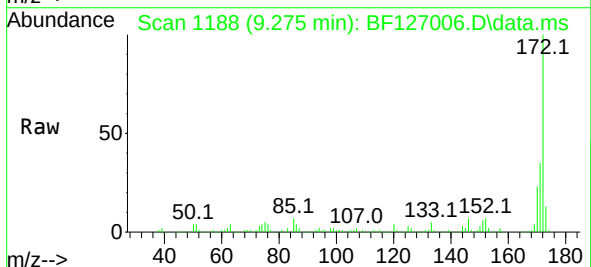
Instrument :
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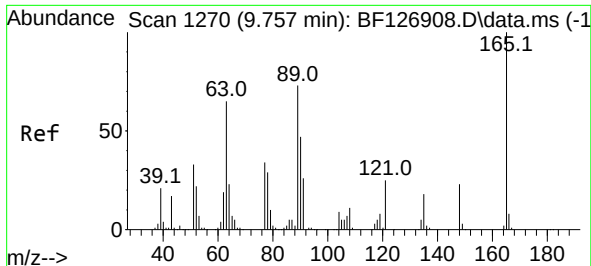
Tgt Ion:330 Resp: 323017
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.0 114.0
 141 35.7 30.1 45.1



#45
 2-Fluorobiphenyl
 Concen: 85.959 ng
 RT: 9.275 min Scan# 1188
 Delta R.T. -0.006 min
 Lab File: BF127006.D
 Acq: 22 Feb 2022 13:50

Tgt Ion:172 Resp: 1178304
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.3 42.5
 170 23.0 19.0 28.6

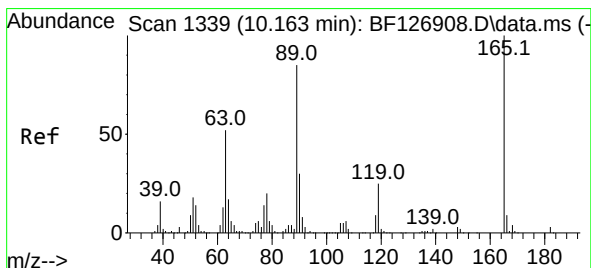
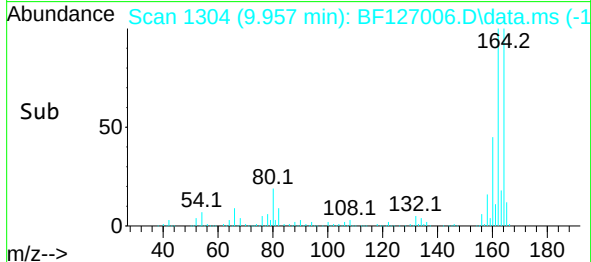
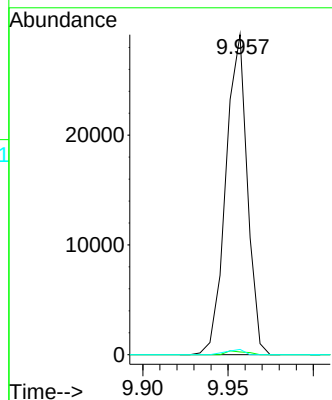
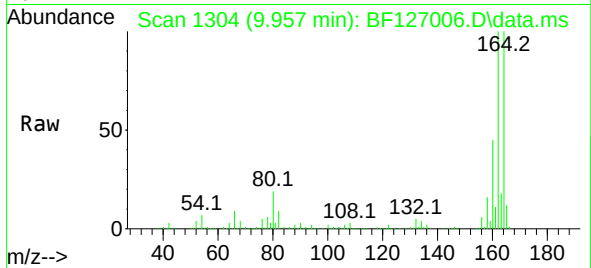




#51
2,6-Dinitrotoluene
Concen: 8.727 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127006.D
Acq: 22 Feb 2022 13:50

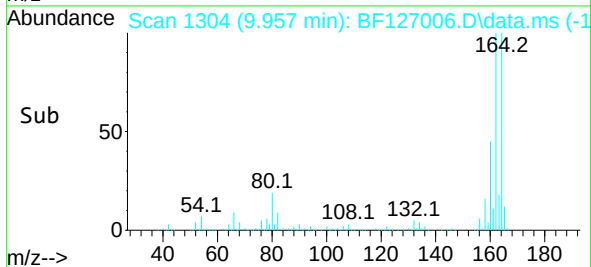
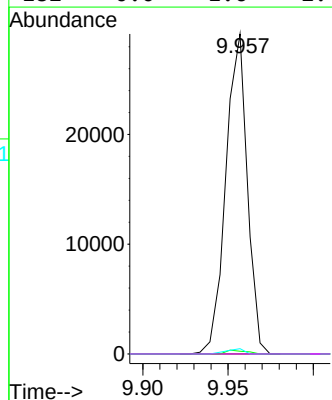
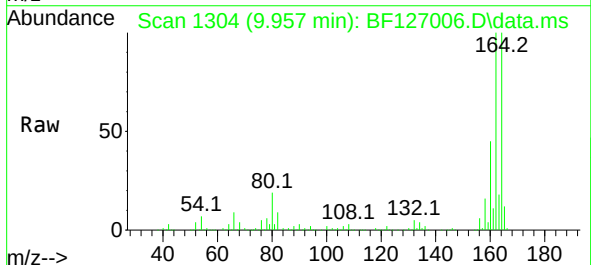
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ClientSampleId :
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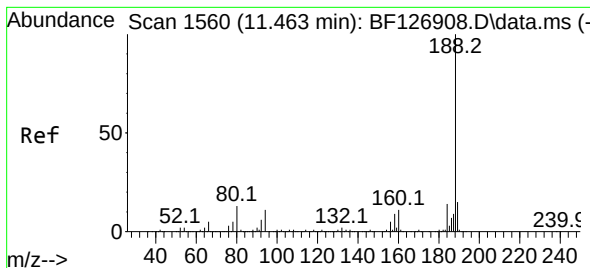
Tgt Ion:165 Resp: 25611
Ion Ratio Lower Upper
165 100
63 0.8 48.4 72.6#
89 1.7 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.454 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.194 min
Lab File: BF127006.D
Acq: 22 Feb 2022 13:50

Tgt Ion:165 Resp: 25611
Ion Ratio Lower Upper
165 100
63 0.8 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: 11.445 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127006.D

Acq: 22 Feb 2022 13:50

Instrument :

BNA_F

ClientSampleId :

PB142770BL

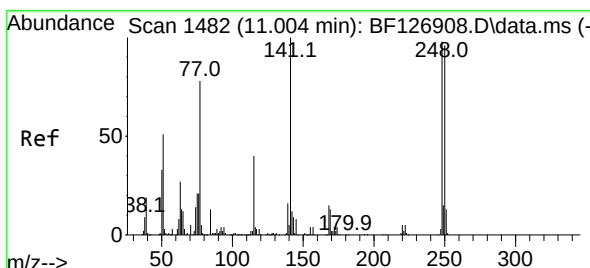
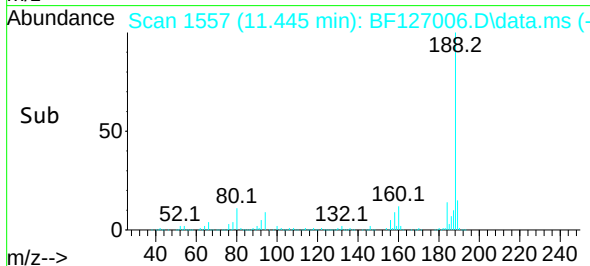
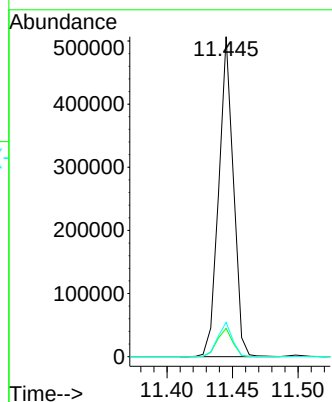
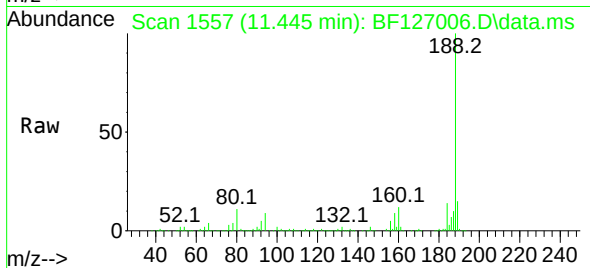
Tgt Ion:188 Resp: 392990

Ion Ratio Lower Upper

188 100

94 8.9 10.1 15.1#

80 10.8 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 4.405 ng

RT: 10.751 min Scan# 1439

Delta R.T. -0.241 min

Lab File: BF127006.D

Acq: 22 Feb 2022 13:50

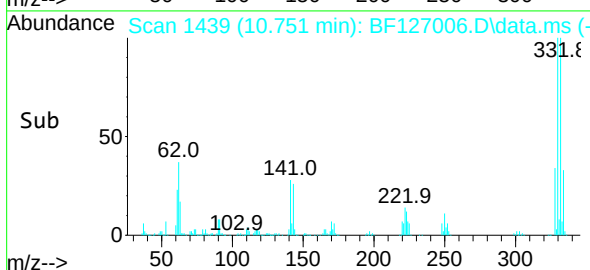
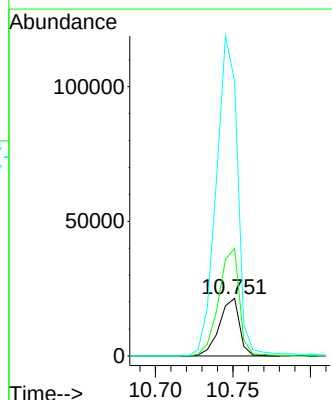
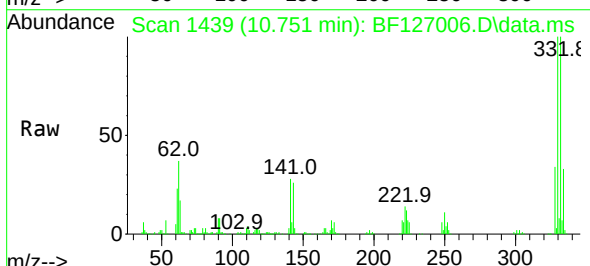
Tgt Ion:248 Resp: 19342

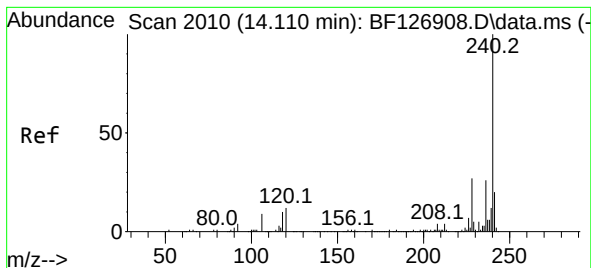
Ion Ratio Lower Upper

248 100

250 187.2 76.2 114.4#

141 477.7 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF127006.D

Acq: 22 Feb 2022 13:50

Instrument :

BNA_F

ClientSampleId :

PB142770BL

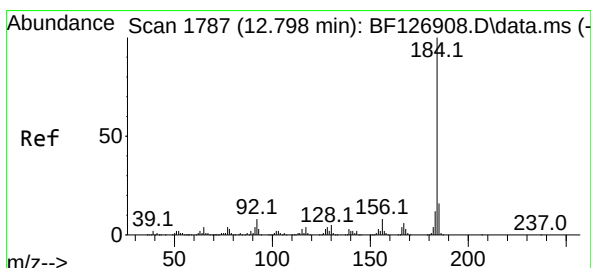
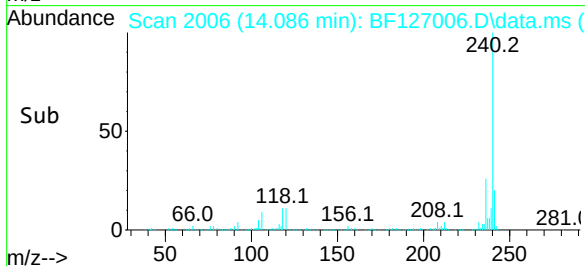
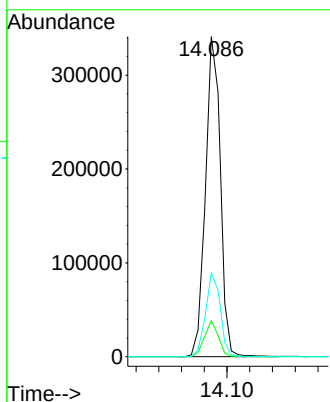
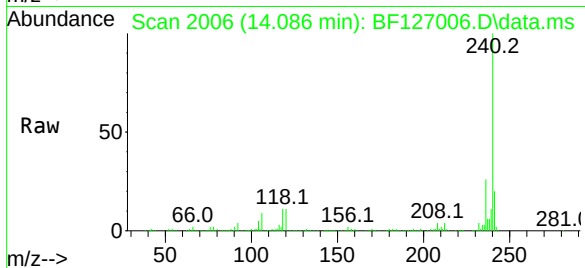
Tgt Ion:240 Resp: 309820

Ion Ratio Lower Upper

240 100

120 11.2 14.4 21.6#

236 26.1 20.5 30.7



#77

Benzidine

Concen: 2.721 ng

RT: 13.039 min Scan# 1828

Delta R.T. 0.253 min

Lab File: BF127006.D

Acq: 22 Feb 2022 13:50

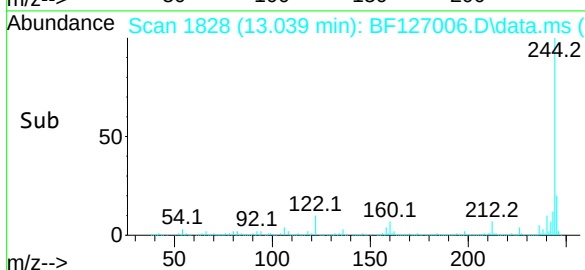
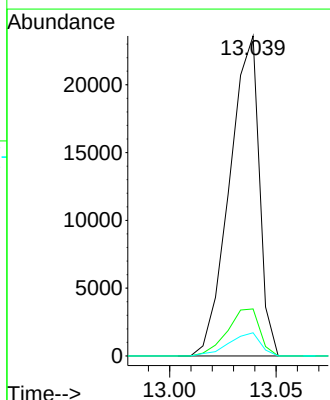
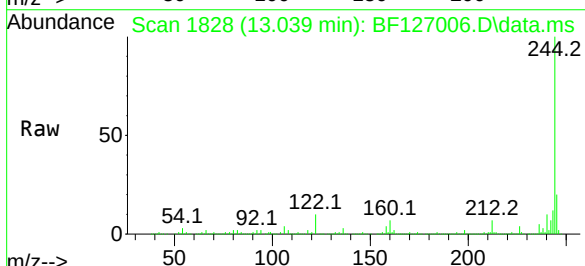
Tgt Ion:184 Resp: 22913

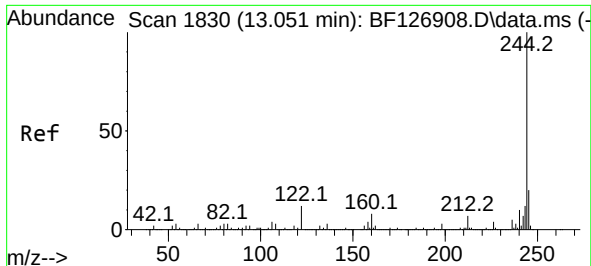
Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.8

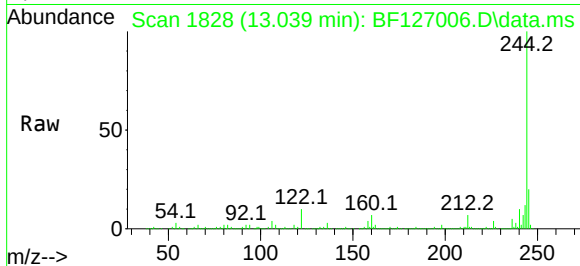
183 7.3 8.2 12.2#



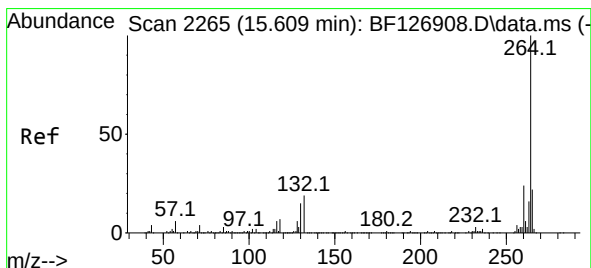
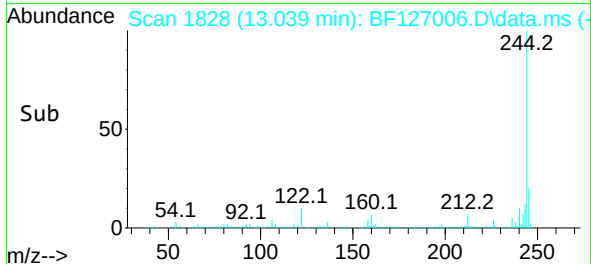
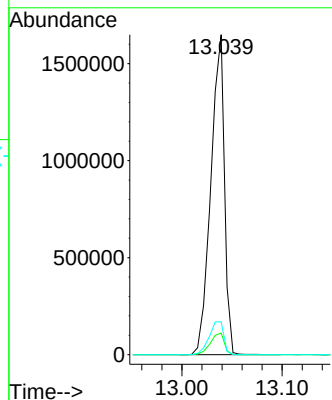


#79
 Terphenyl-d14
 Concen: 73.894 ng
 RT: 13.039 min Scan# 1828
 Delta R.T. 0.000 min
 Lab File: BF127006.D
 Acq: 22 Feb 2022 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB142770BL



Tgt Ion:244 Resp: 1557360
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 10.3 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: BF127006.D
 Acq: 22 Feb 2022 13:50

Tgt Ion:264 Resp: 252375
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.9 17.4 26.2

