

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
 Data File : BF138026.D
 Acq On : 23 May 2024 14:20
 Operator : CG\JU
 Sample : PB161081BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161081BL

Quant Time: May 23 14:50:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

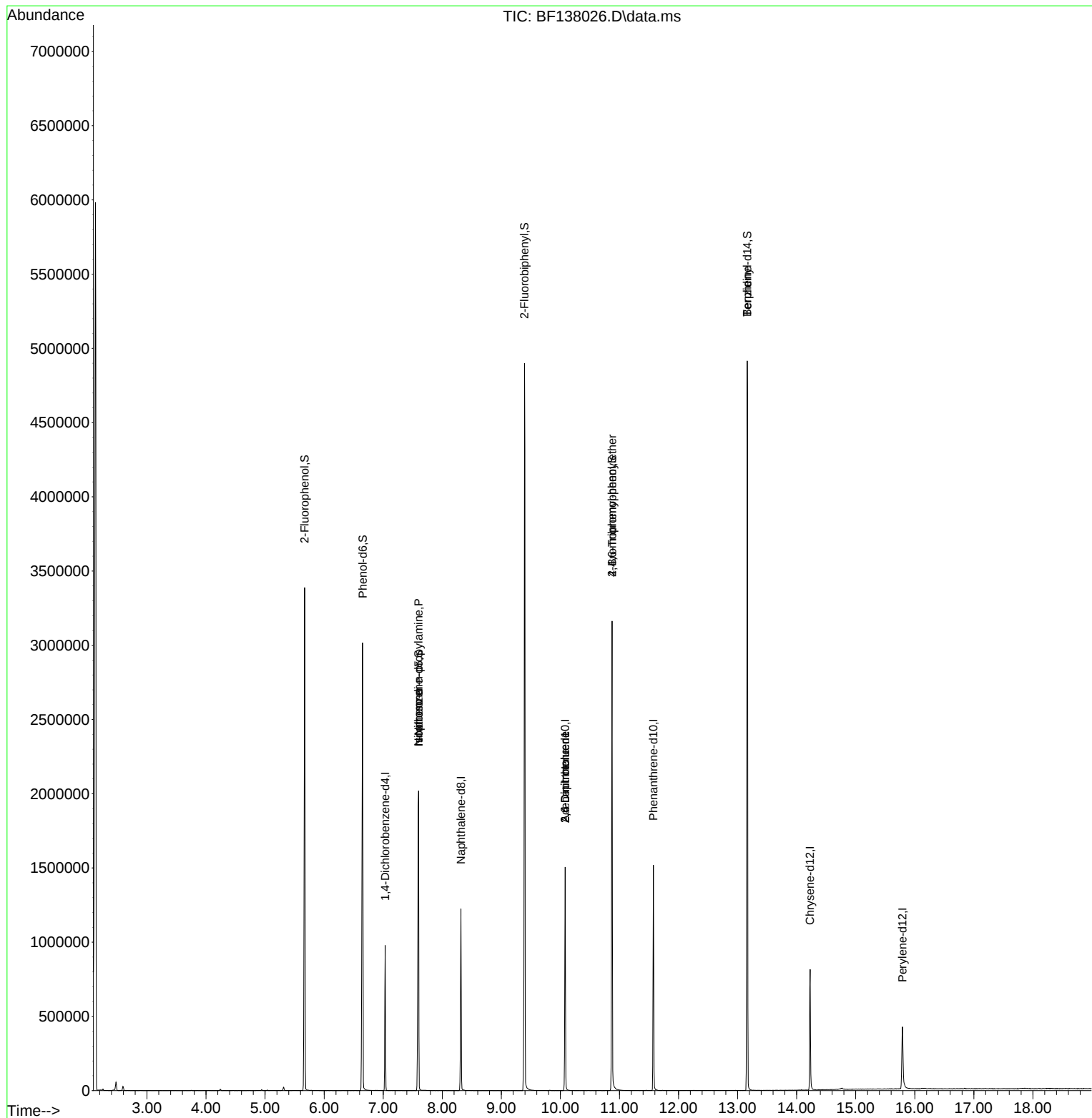
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	137291	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	548468	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	308754	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	534784	20.000	ng	0.00
76) Chrysene-d12	14.227	240	306390	20.000	ng	0.00
86) Perylene-d12	15.792	264	257021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1064765	131.739	ng	0.00
7) Phenol-d6	6.651	99	1300261	130.598	ng	0.00
23) Nitrobenzene-d5	7.598	82	795818	85.391	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	417517	134.113	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1708859	85.256	ng	0.00
79) Terphenyl-d14	13.163	244	1922125	92.458	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.598	70	104228	18.633	ng	# 74
25) Isophorone	7.598	82	795813	49.200	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	39749	8.945	ng	# 29
57) 2,4-Dinitrotoluene	10.081	165	39750	6.919	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	26987	4.603	ng	# 1
77) Benzidine	13.163	184	22094	5.518	ng	# 89

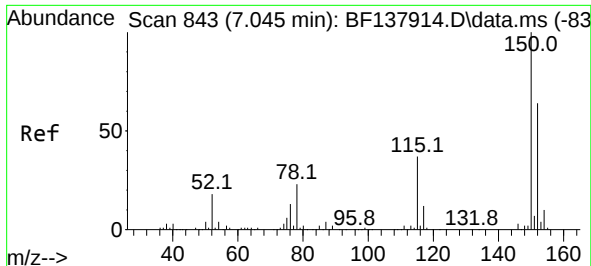
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138026.D
Acq On : 23 May 2024 14:20
Operator : CG\JU
Sample : PB161081BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB161081BL

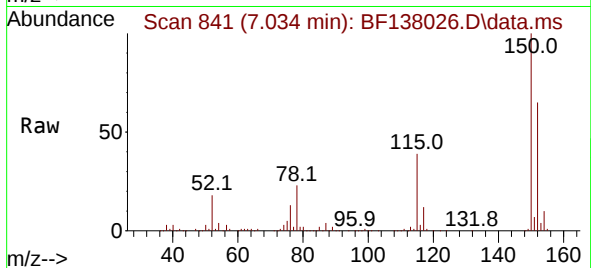
Quant Time: May 23 14:50:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration



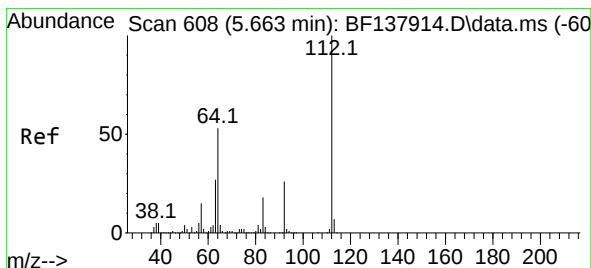
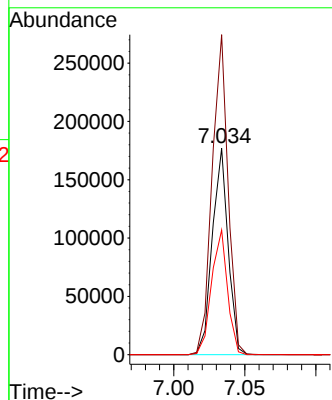
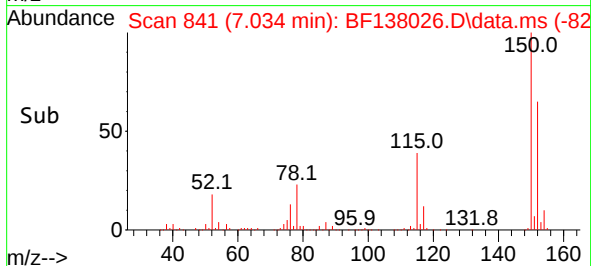


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138026.D
Acq: 23 May 2024 14:20

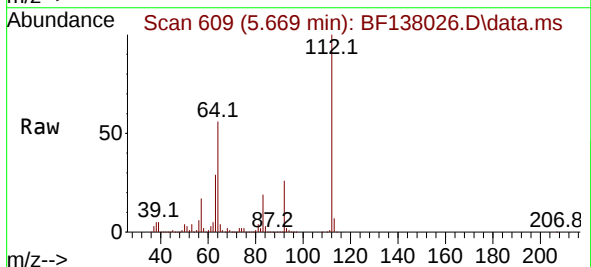
Instrument :
BNA_F
ClientSampleId :
PB161081BL



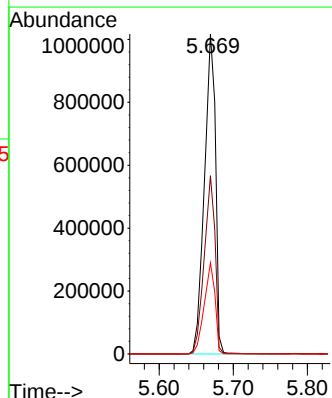
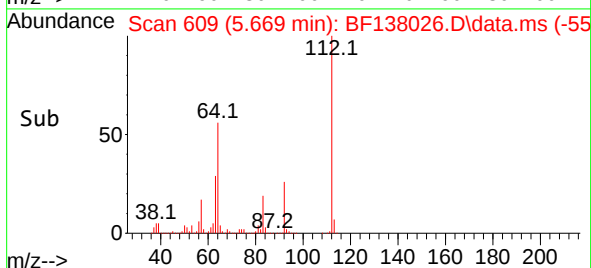
Tgt Ion:152 Resp: 137291
Ion Ratio Lower Upper
152 100
150 155.0 125.7 188.5
115 60.4 47.0 70.6

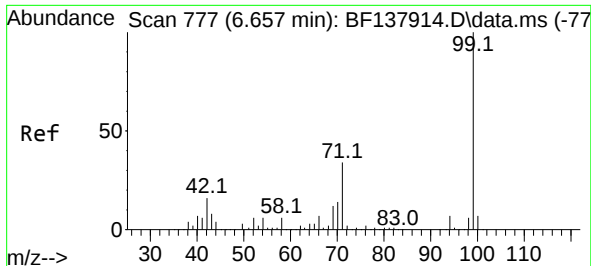


#5
2-Fluorophenol
Concen: 131.739 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF138026.D
Acq: 23 May 2024 14:20



Tgt Ion:112 Resp: 1064765
Ion Ratio Lower Upper
112 100
64 55.7 42.4 63.6
63 28.5 21.4 32.2

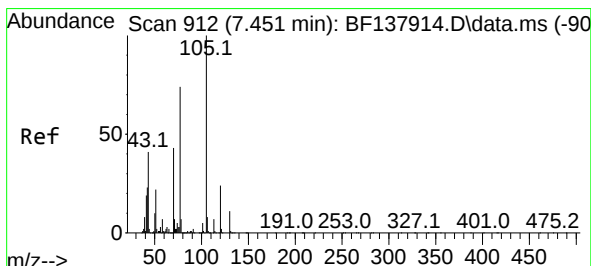
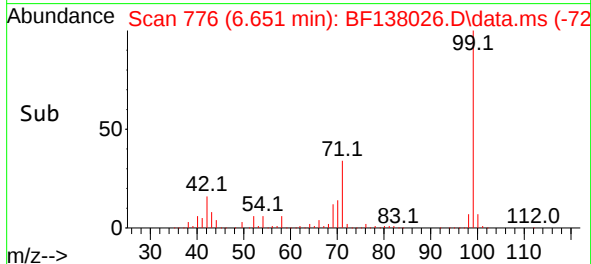
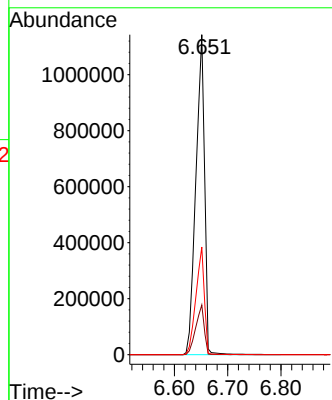
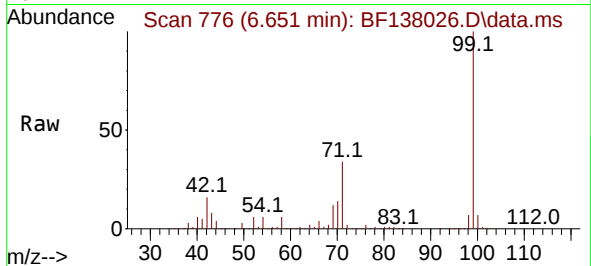




#7
Phenol-d6
Concen: 130.598 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138026.D
Acq: 23 May 2024 14:20

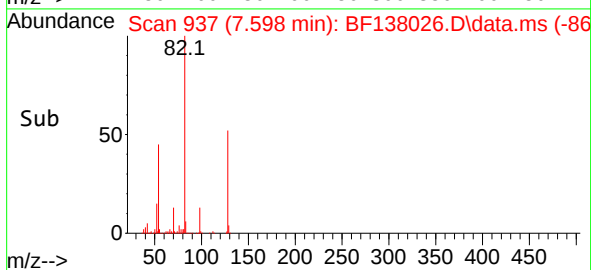
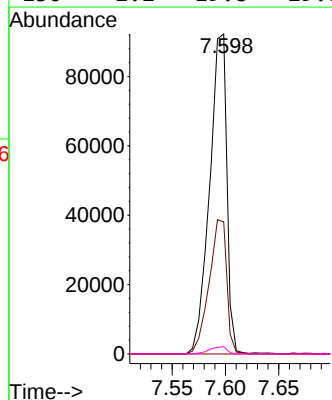
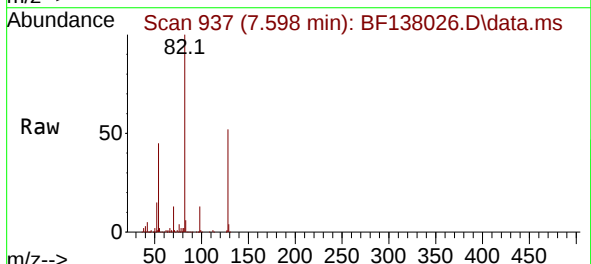
Instrument :
BNA_F
ClientSampleId :
PB161081BL

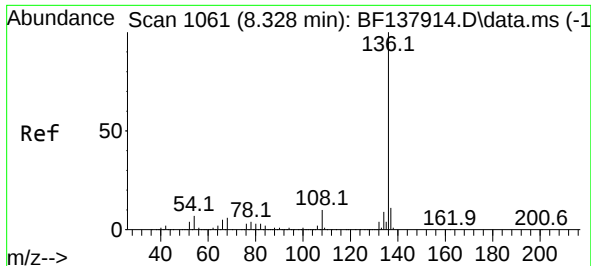
Tgt Ion: 99 Resp: 1300261
Ion Ratio Lower Upper
99 100
42 15.6 12.6 18.8
71 33.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.633 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF138026.D
Acq: 23 May 2024 14:20

Tgt Ion: 70 Resp: 104228
Ion Ratio Lower Upper
70 100
42 41.3 42.2 63.4#
101 0.0 8.8 13.2#
130 2.2 19.8 29.8#

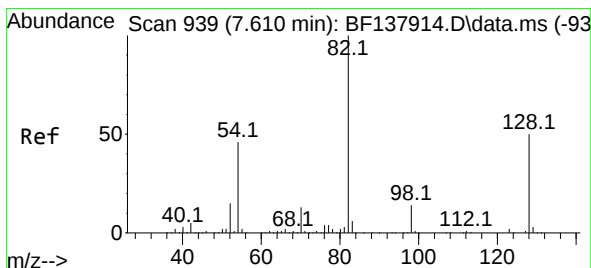
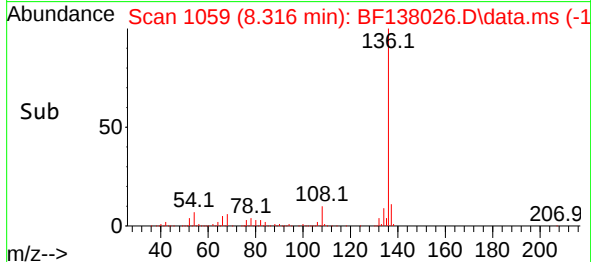
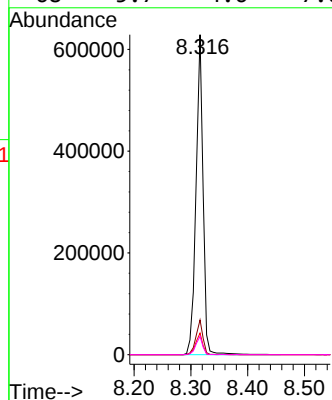
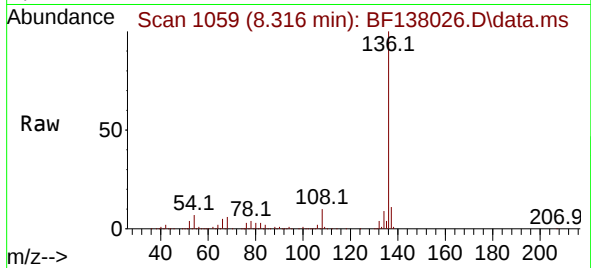




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138026.D
Acq: 23 May 2024 14:20

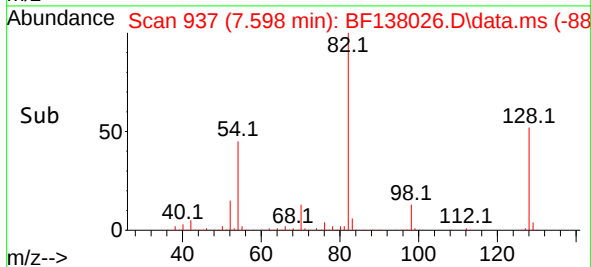
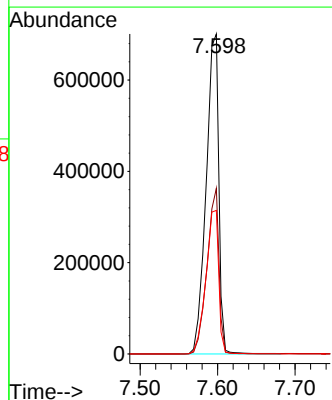
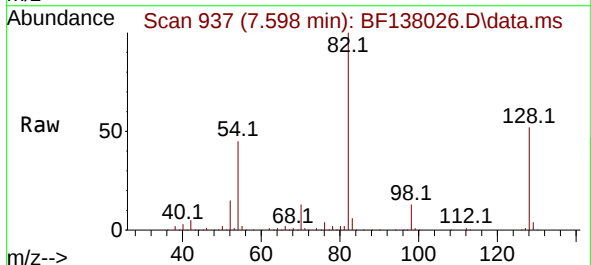
Instrument :
BNA_F
ClientSampleId :
PB161081BL

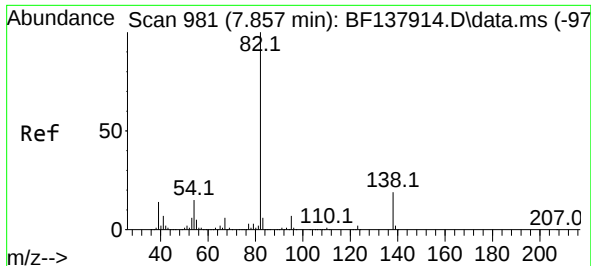
Tgt	Ion:136	Resp:	548468
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.8	5.4	8.2
68	5.7	4.6	7.0



#23
Nitrobenzene-d5
Concen: 85.391 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138026.D
Acq: 23 May 2024 14:20

Tgt Ion: 82	Resp: 795818
Ion Ratio	Lower Upper
82 100	
128 51.8	40.3 60.5
54 44.9	36.8 55.2

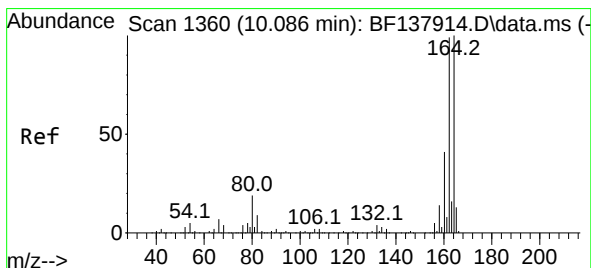
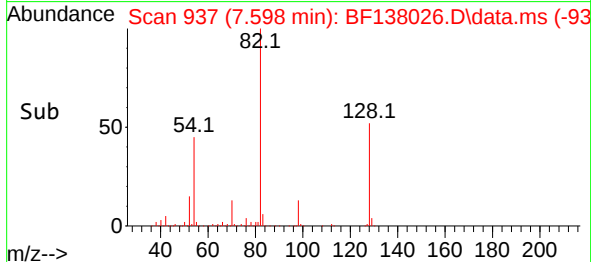
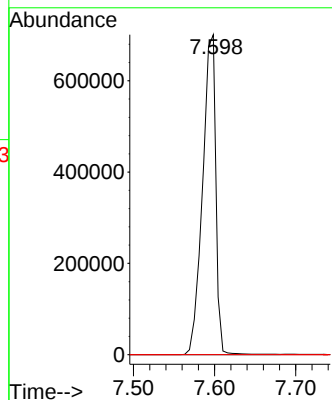
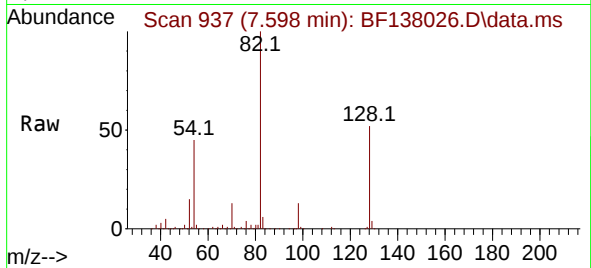




#25
Isophorone
Concen: 49.200 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138026.D
Acq: 23 May 2024 14:20

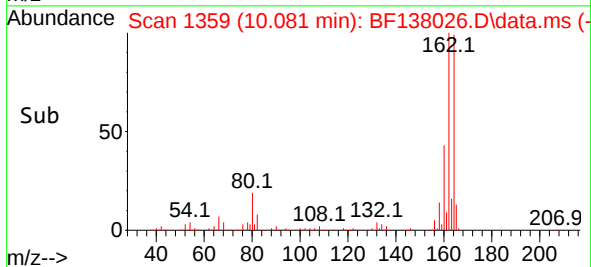
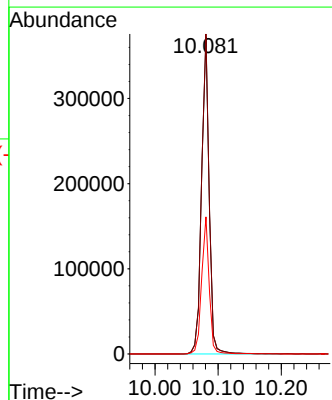
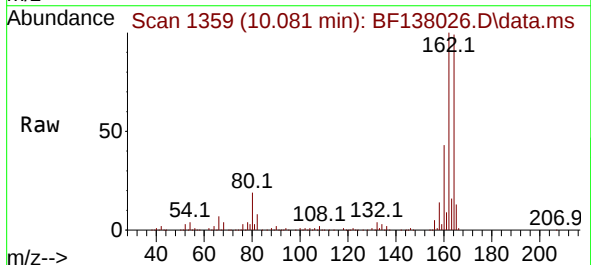
Instrument :
BNA_F
ClientSampleId :
PB161081BL

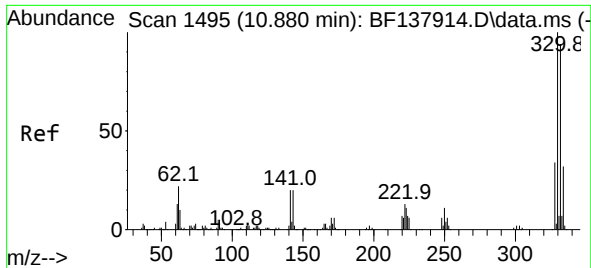
Tgt Ion: 82 Resp: 795813
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF138026.D
Acq: 23 May 2024 14:20

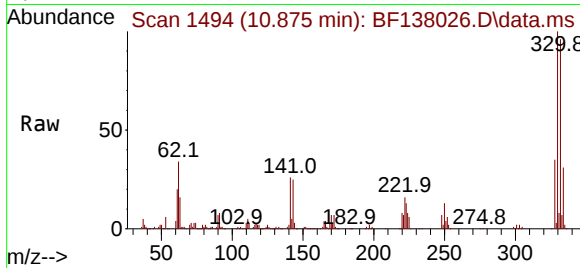
Tgt Ion:164 Resp: 308754
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.2
160 43.2 33.1 49.7



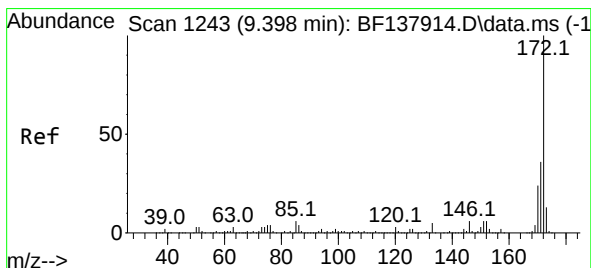
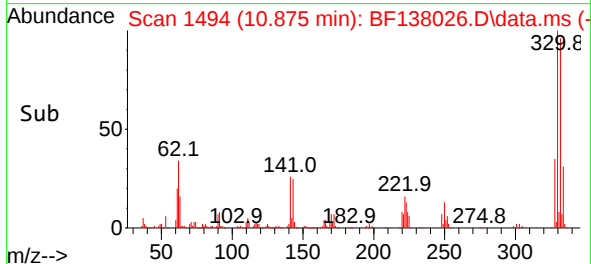
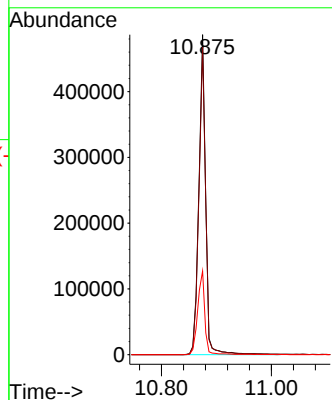


#42
2,4,6-Tribromophenol
Concen: 134.113 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138026.D
Acq: 23 May 2024 14:20

Instrument :
BNA_F
ClientSampleId :
PB161081BL

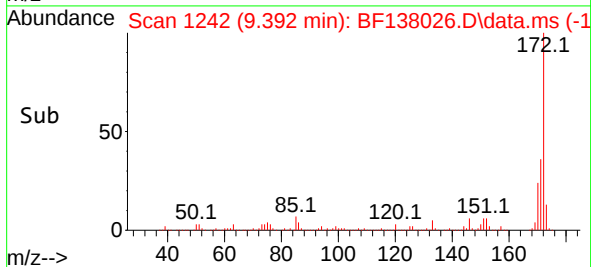
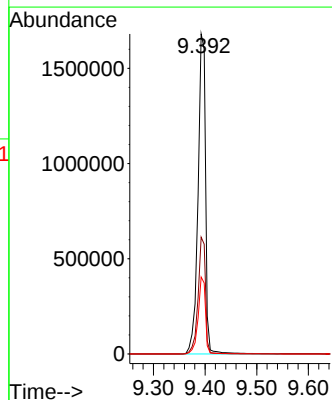
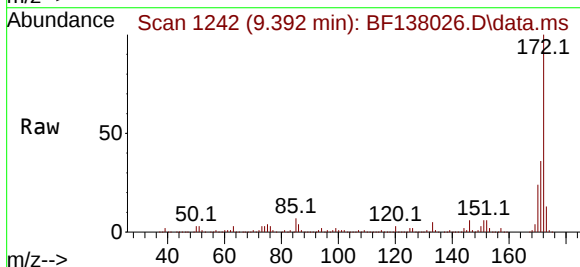


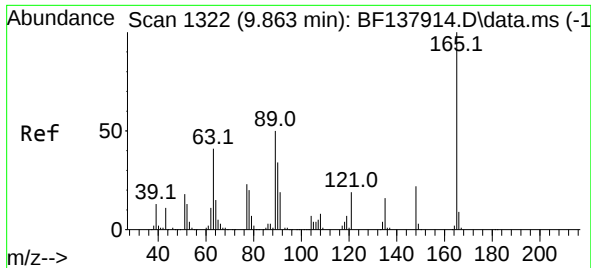
Tgt Ion:330 Resp: 417517
Ion Ratio Lower Upper
330 100
332 96.9 75.8 113.8
141 27.4 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 85.256 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138026.D
Acq: 23 May 2024 14:20

Tgt Ion:172 Resp: 1708859
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 24.1 18.9 28.3

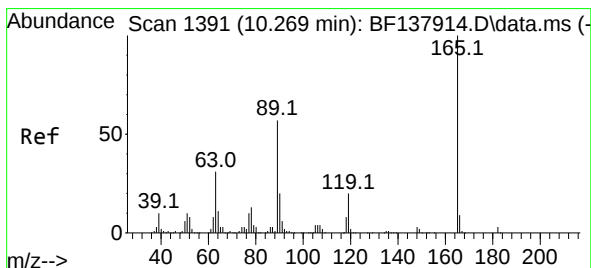
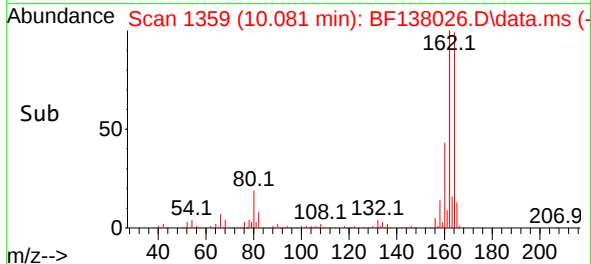
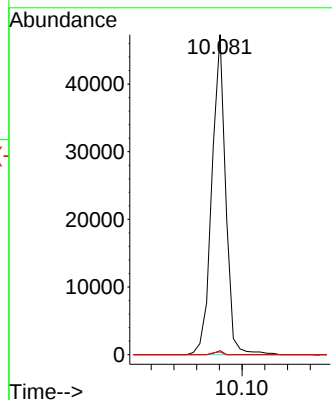
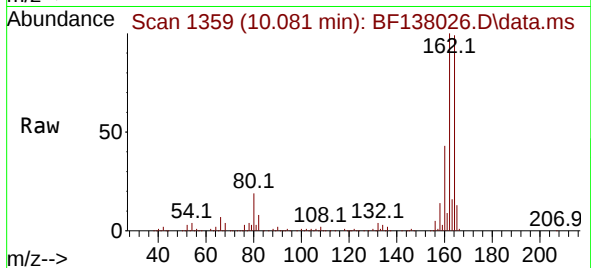




#51
2,6-Dinitrotoluene
Concen: 8.945 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF138026.D
Acq: 23 May 2024 14:20

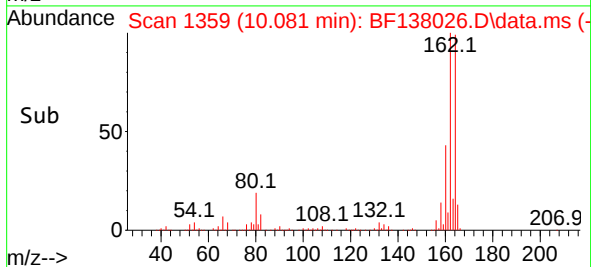
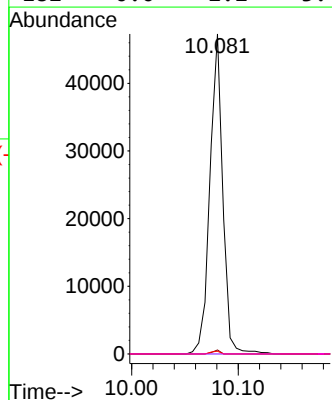
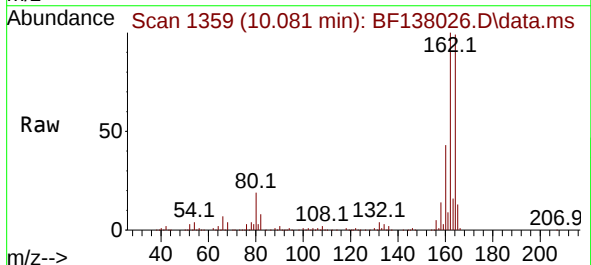
Instrument :
BNA_F
ClientSampleId :
PB161081BL

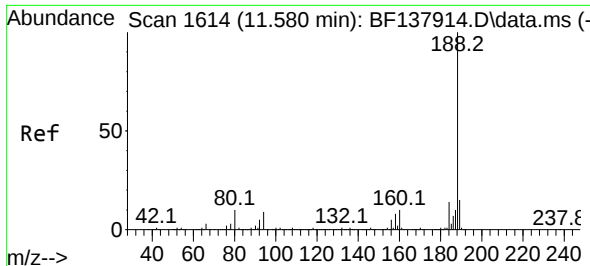
Tgt Ion:165 Resp: 39749
Ion Ratio Lower Upper
165 100
63 1.2 38.9 58.3#
89 0.8 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.919 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF138026.D
Acq: 23 May 2024 14:20

Tgt Ion:165 Resp: 39750
Ion Ratio Lower Upper
165 100
63 1.2 25.3 37.9#
89 0.8 45.9 68.9#
182 0.0 2.2 3.4#

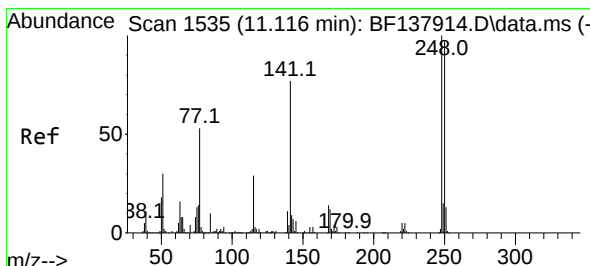
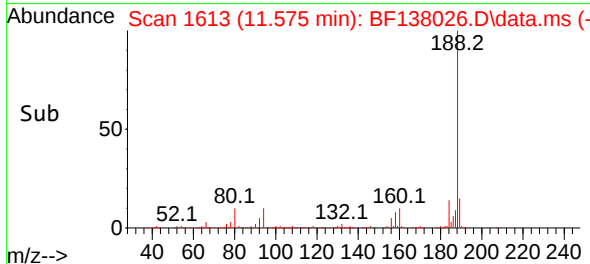
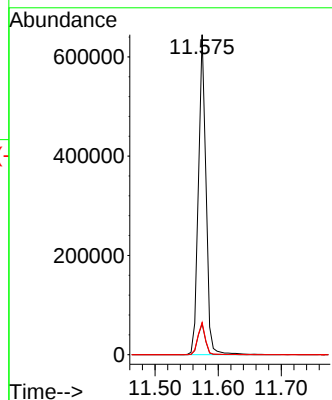
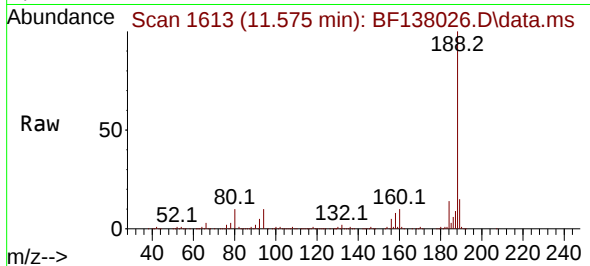




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138026.D
Acq: 23 May 2024 14:20

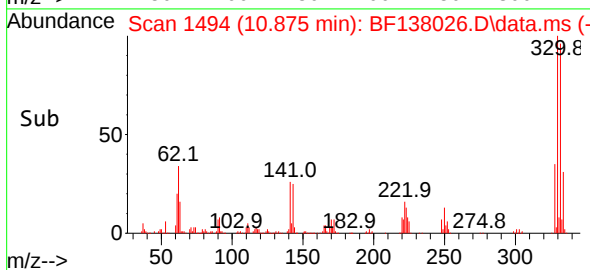
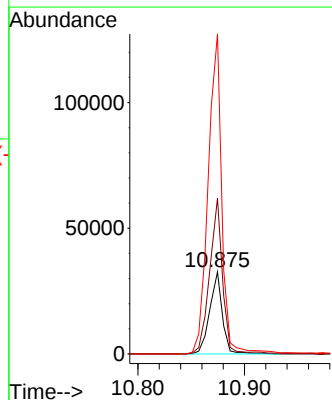
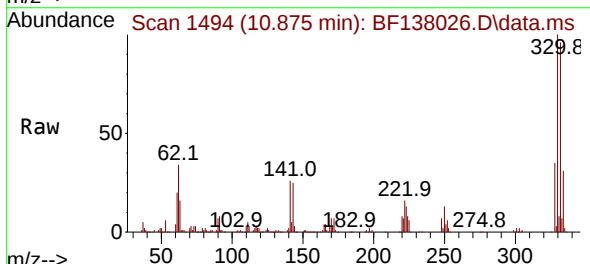
Instrument :
BNA_F
ClientSampleId :
PB161081BL

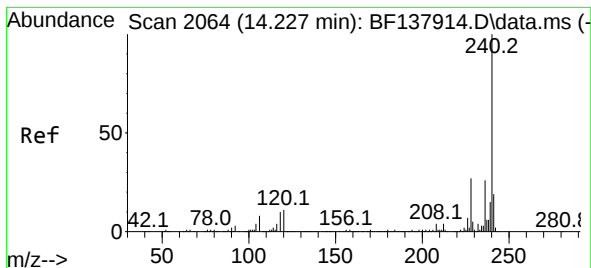
Tgt Ion:188 Resp: 534784
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 10.1 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 4.603 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF138026.D
Acq: 23 May 2024 14:20

Tgt Ion:248 Resp: 26987
Ion Ratio Lower Upper
248 100
250 189.7 77.6 116.4#
141 390.0 61.4 92.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.227 min Scan# 2064

Delta R.T. 0.000 min

Lab File: BF138026.D

Acq: 23 May 2024 14:20

Instrument :

BNA_F

ClientSampleId :

PB161081BL

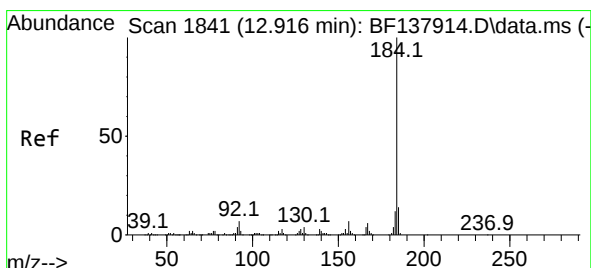
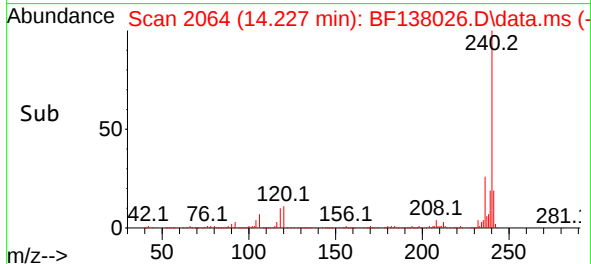
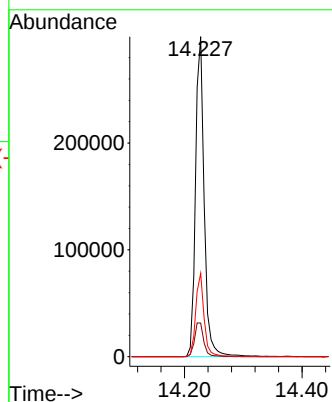
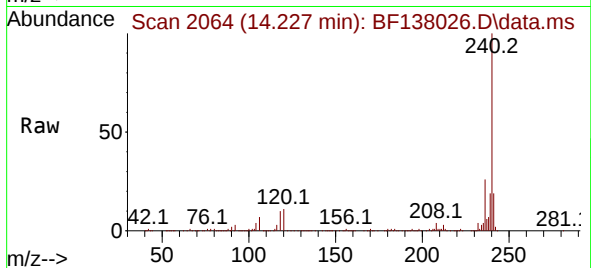
Tgt Ion:240 Resp: 306390

Ion Ratio Lower Upper

240 100

120 10.5 8.9 13.3

236 26.1 21.0 31.4



#77

Benzidine

Concen: 5.518 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.247 min

Lab File: BF138026.D

Acq: 23 May 2024 14:20

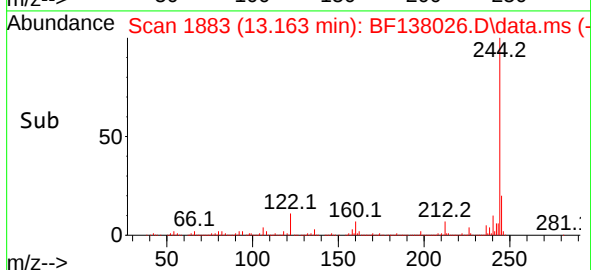
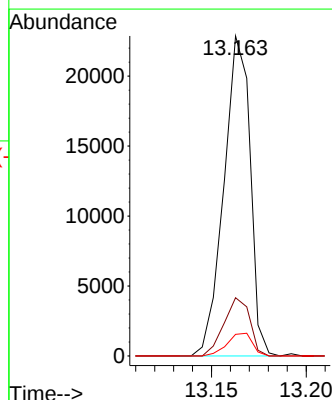
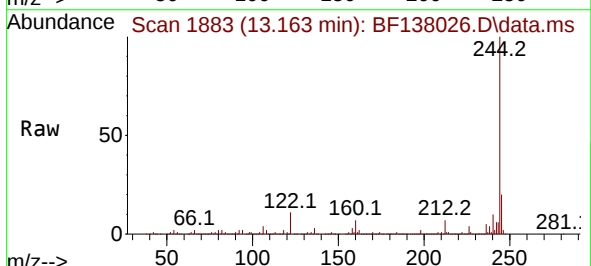
Tgt Ion:184 Resp: 22094

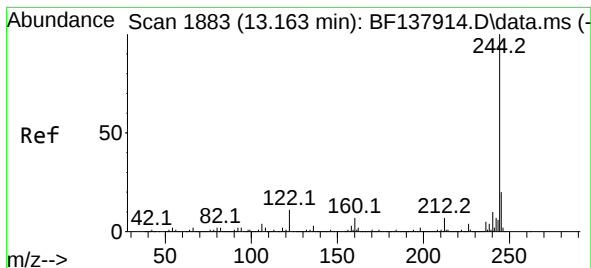
Ion Ratio Lower Upper

184 100

185 18.2 11.4 17.2#

183 6.7 9.5 14.3#





#79

Terphenyl-d14

Concen: 92.458 ng

RT: 13.163 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138026.D

Acq: 23 May 2024 14:20

Instrument :

BNA_F

ClientSampleId :

PB161081BL

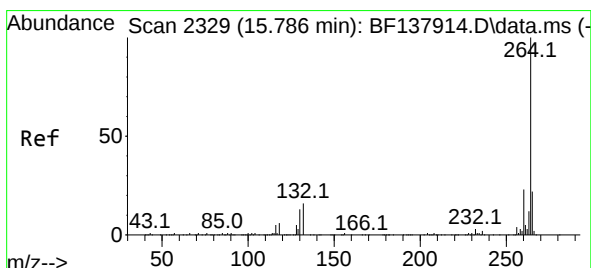
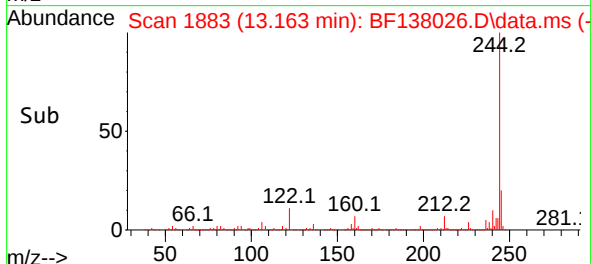
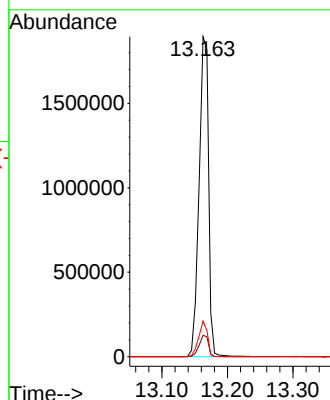
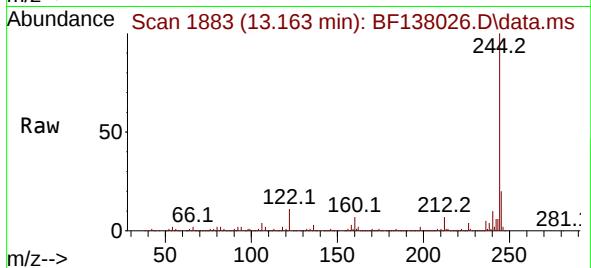
Tgt Ion:244 Resp: 1922125

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 11.1 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.792 min Scan# 2330

Delta R.T. 0.006 min

Lab File: BF138026.D

Acq: 23 May 2024 14:20

Tgt Ion:264 Resp: 257021

Ion Ratio Lower Upper

264 100

260 23.3 18.3 27.5

265 21.2 17.6 26.4

