

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
 Data File : BF138021.D
 Acq On : 23 May 2024 11:51
 Operator : CG\JU
 Sample : PB161005TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161005TB

Quant Time: May 23 12:21:27 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)

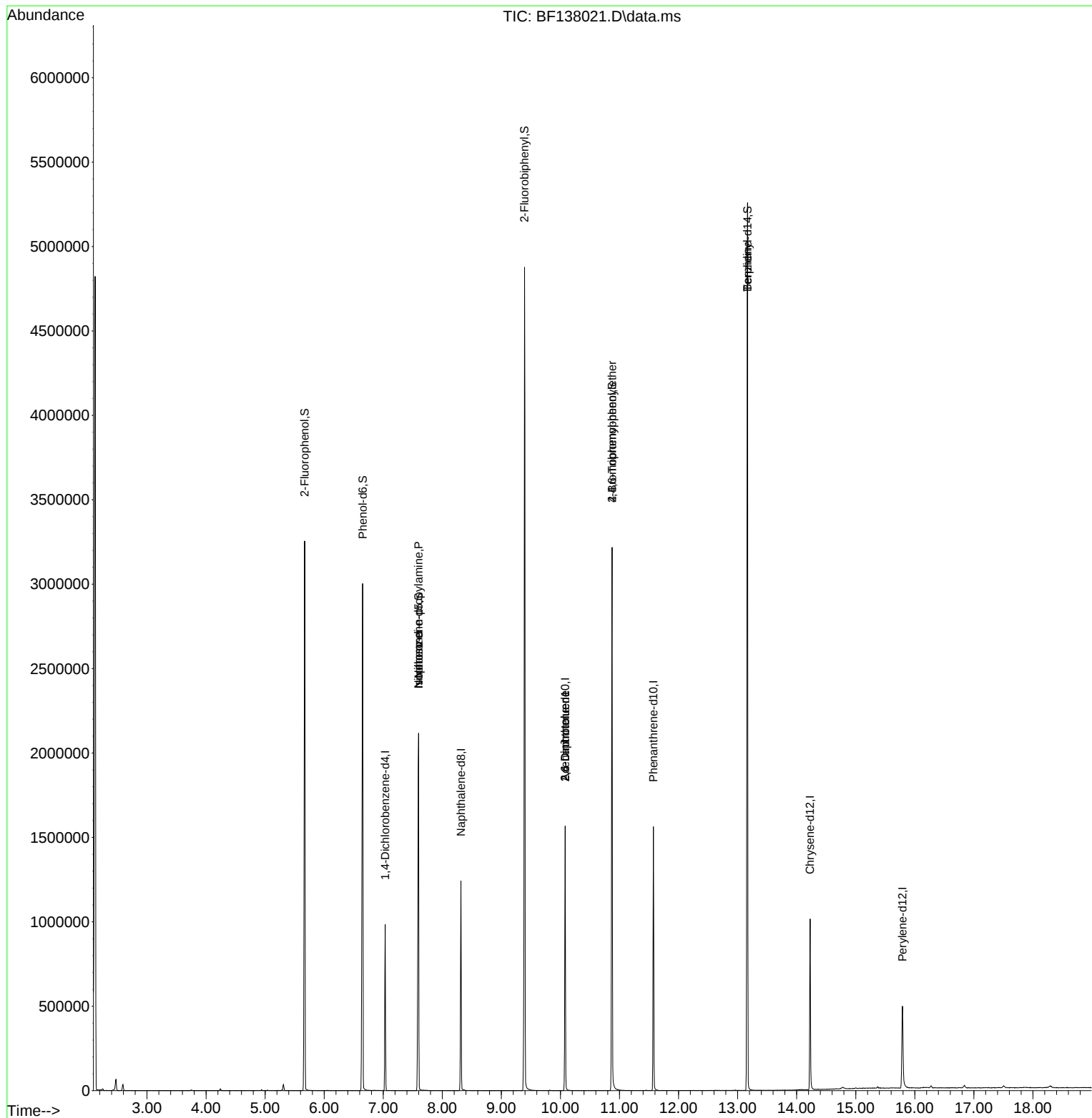
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	139618	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	551411	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	319922	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	575512	20.000	ng	0.00
76) Chrysene-d12	14.227	240	342372	20.000	ng	0.00
86) Perylene-d12	15.792	264	279723	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1048057	127.511	ng	0.00
7) Phenol-d6	6.651	99	1284792	126.894	ng	0.00
23) Nitrobenzene-d5	7.598	82	783088	83.577	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	437221	135.540	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1715509	82.600	ng	0.00
79) Terphenyl-d14	13.169	244	2034562	87.581	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.598	70	103396	18.177	ng	# 75
25) Isophorone	7.598	82	783073	48.154	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	41176	8.943	ng	# 29
57) 2,4-Dinitrotoluene	10.081	165	41176	6.917	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	28064	4.448	ng	# 1
77) Benzidine	13.169	184	23588	5.272	ng	# 93

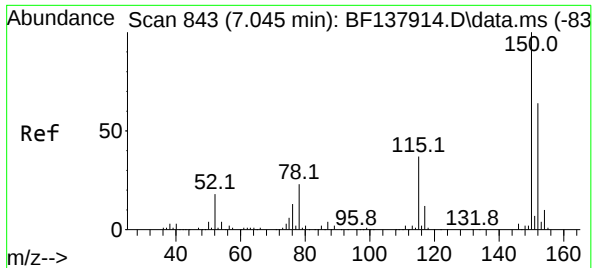
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
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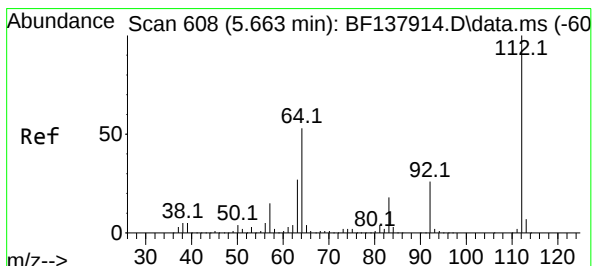
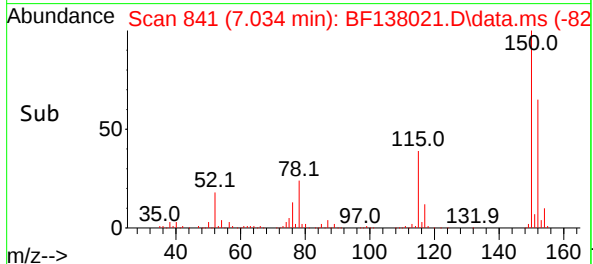
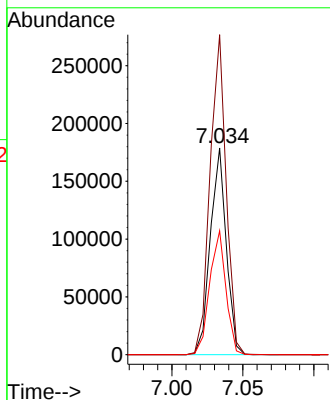
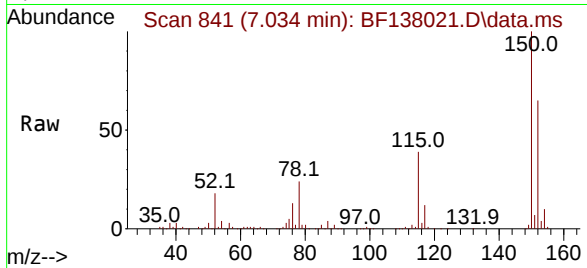




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.011 min
Lab File: BF138021.D
Acq: 23 May 2024 11:51

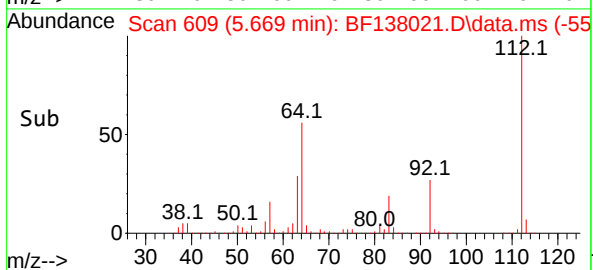
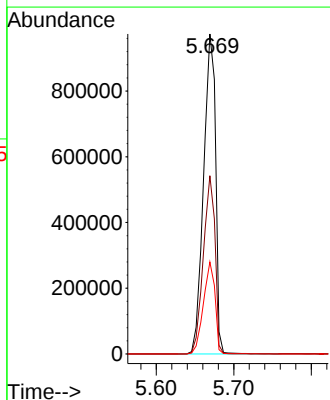
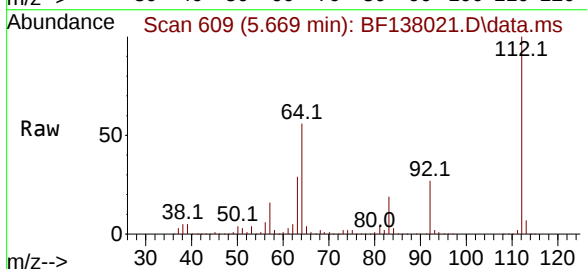
Instrument :
BNA_F
ClientSampleId :
PB161005TB

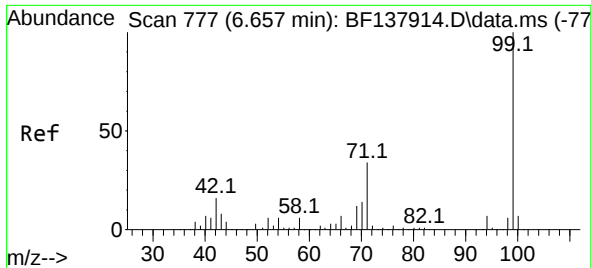
Tgt Ion:152 Resp: 139618
Ion Ratio Lower Upper
152 100
150 154.8 125.7 188.5
115 59.9 47.0 70.6



#5
2-Fluorophenol
Concen: 127.511 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF138021.D
Acq: 23 May 2024 11:51

Tgt Ion:112 Resp: 1048057
Ion Ratio Lower Upper
112 100
64 55.7 42.4 63.6
63 28.7 21.4 32.2

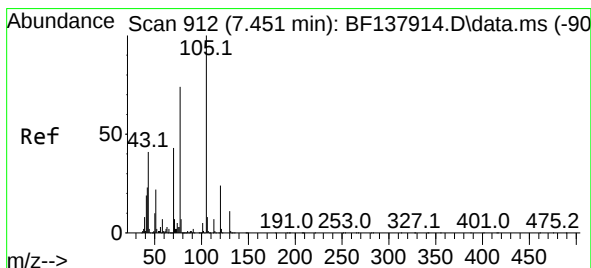
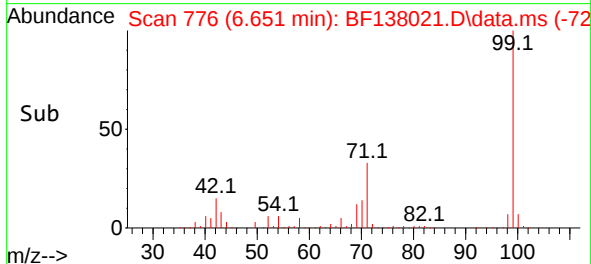
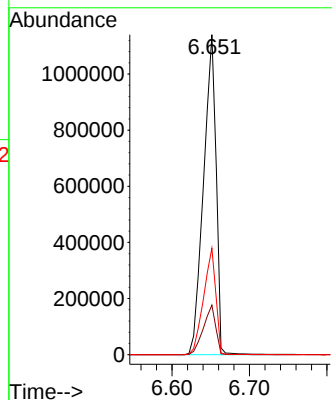
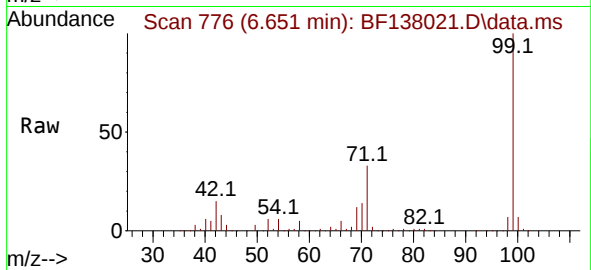




#7
Phenol-d6
Concen: 126.894 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138021.D
Acq: 23 May 2024 11:51

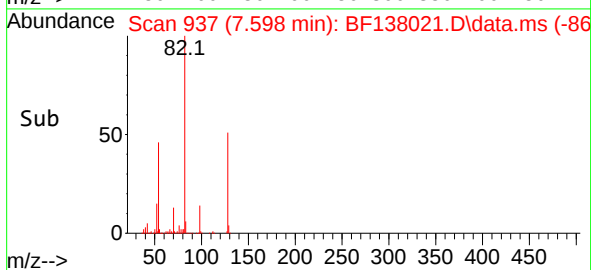
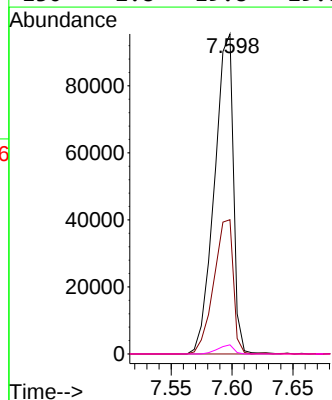
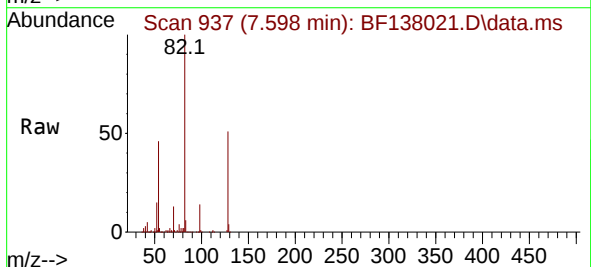
Instrument :
BNA_F
ClientSampleId :
PB161005TB

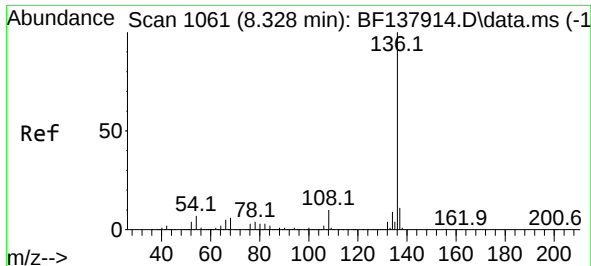
Tgt Ion: 99 Resp: 1284792
Ion Ratio Lower Upper
99 100
42 15.5 12.6 18.8
71 33.3 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.177 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF138021.D
Acq: 23 May 2024 11:51

Tgt Ion: 70 Resp: 103396
Ion Ratio Lower Upper
70 100
42 41.9 42.2 63.4#
101 0.0 8.8 13.2#
130 2.8 19.8 29.8#

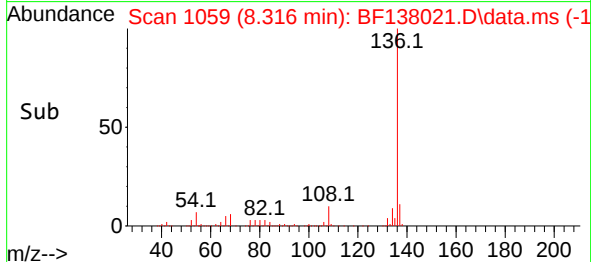
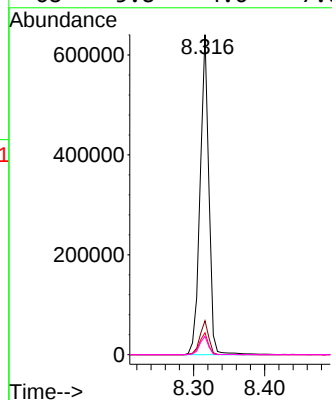
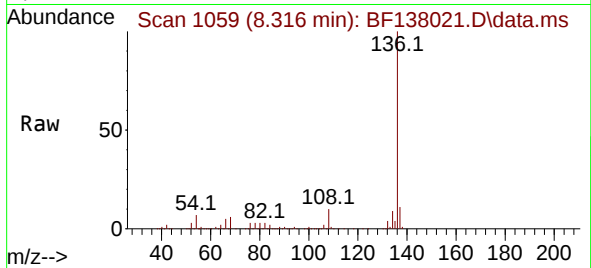




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138021.D
Acq: 23 May 2024 11:51

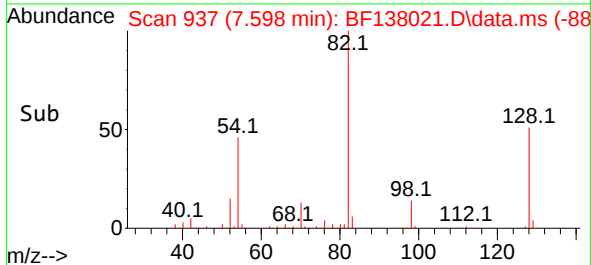
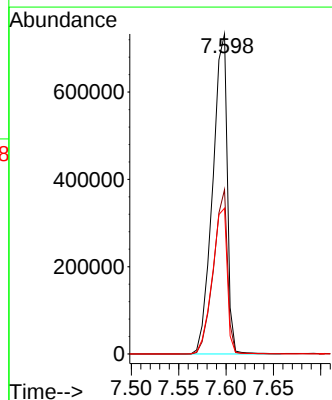
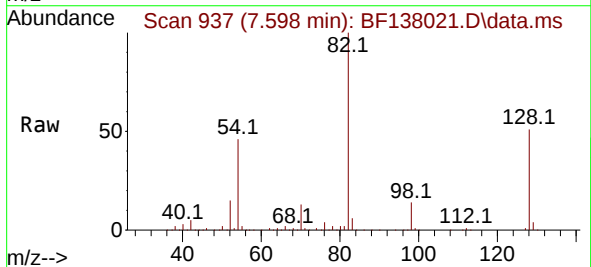
Instrument :
BNA_F
ClientSampleId :
PB161005TB

Tgt Ion:136 Resp: 551411
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 6.8 5.4 8.2
68 5.8 4.6 7.0



#23
Nitrobenzene-d5
Concen: 83.577 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138021.D
Acq: 23 May 2024 11:51

Tgt Ion: 82 Resp: 783088
Ion Ratio Lower Upper
82 100
128 51.4 40.3 60.5
54 45.6 36.8 55.2

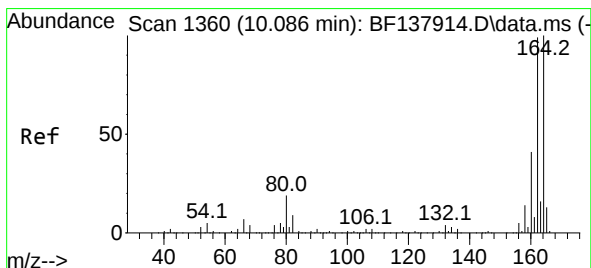
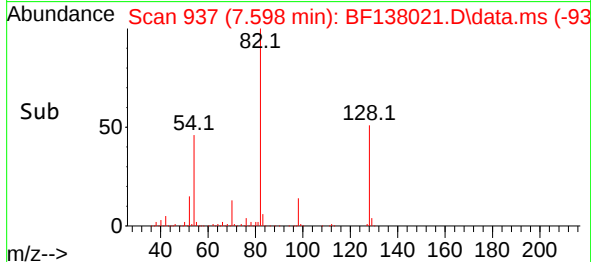
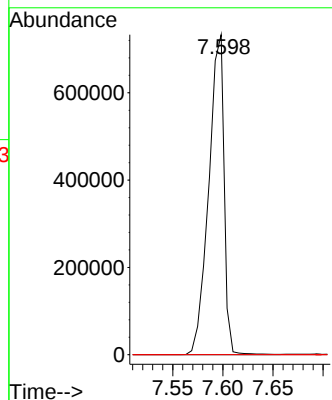
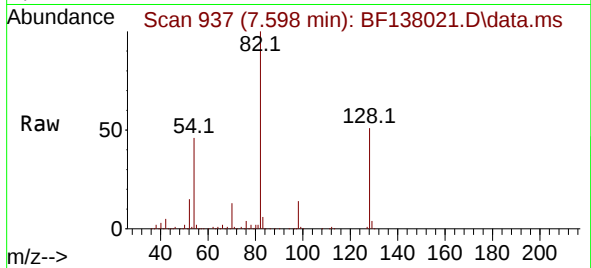




#25
Isophorone
Concen: 48.154 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138021.D
Acq: 23 May 2024 11:51

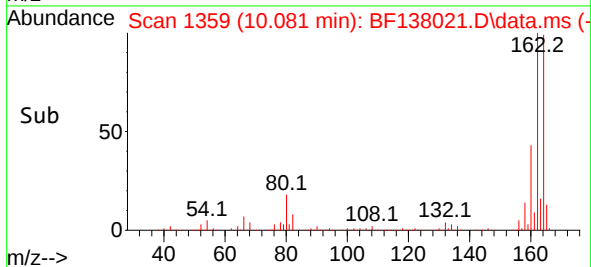
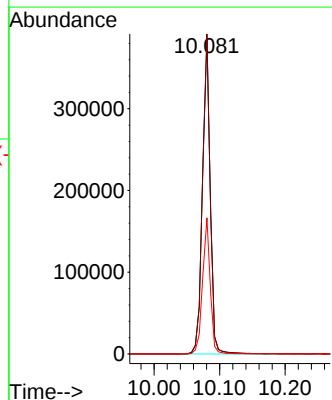
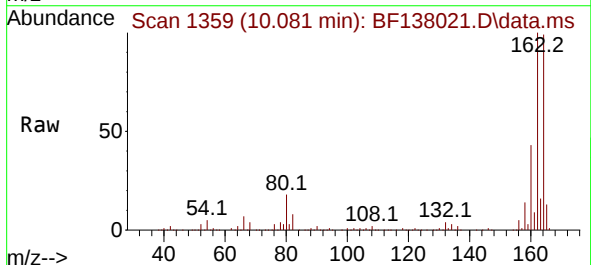
Instrument :
BNA_F
ClientSampleId :
PB161005TB

Tgt Ion: 82 Resp: 783073
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: BF138021.D
Acq: 23 May 2024 11:51

Tgt Ion:164 Resp: 319922
Ion Ratio Lower Upper
164 100
162 101.2 79.4 119.2
160 43.1 33.1 49.7

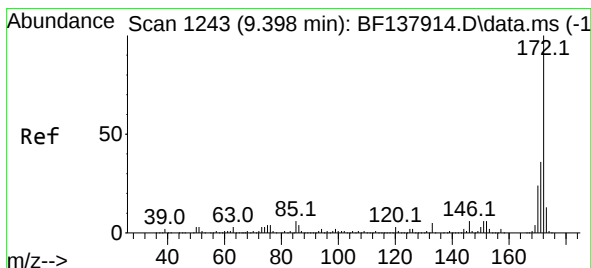
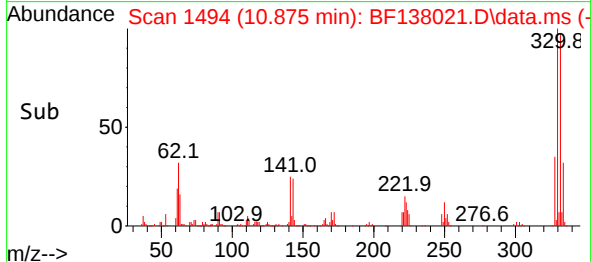
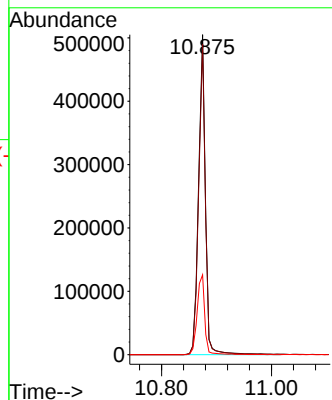
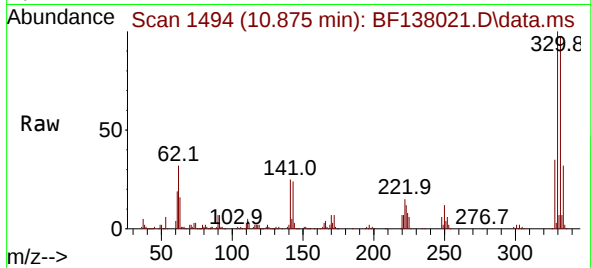




#42
2,4,6-Tribromophenol
Concen: 135.540 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138021.D
Acq: 23 May 2024 11:51

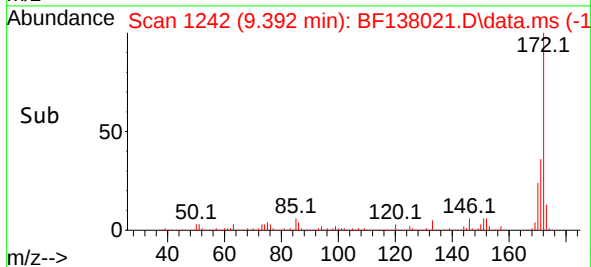
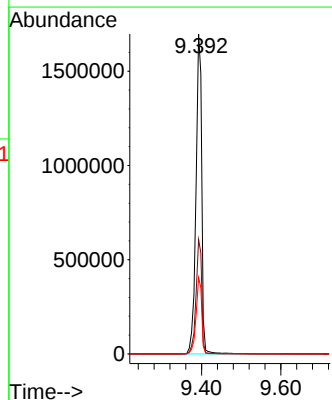
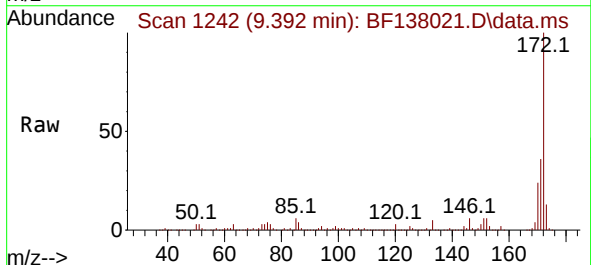
Instrument :
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ClientSampleId :
PB161005TB

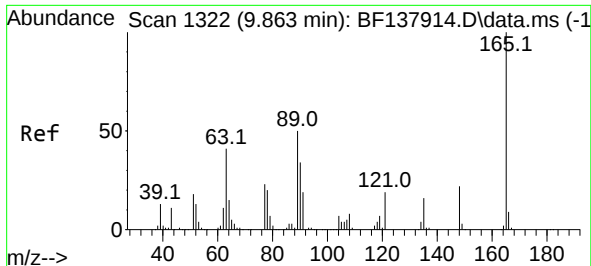
Tgt Ion:330 Resp: 437221
Ion Ratio Lower Upper
330 100
332 96.3 75.8 113.8
141 27.8 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 82.600 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138021.D
Acq: 23 May 2024 11:51

Tgt Ion:172 Resp: 1715509
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 23.9 18.9 28.3

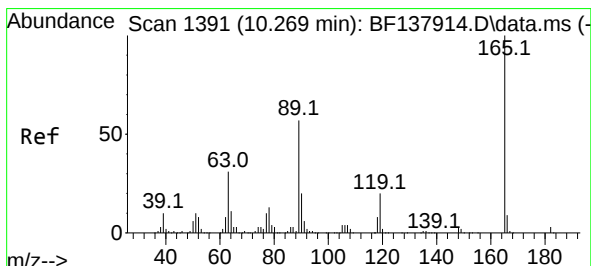
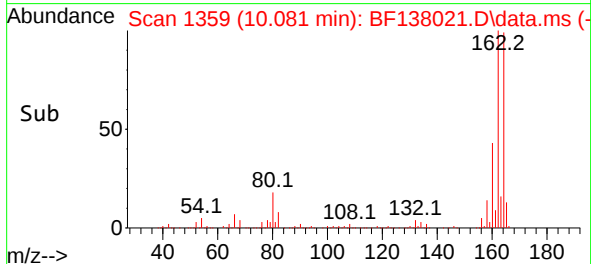
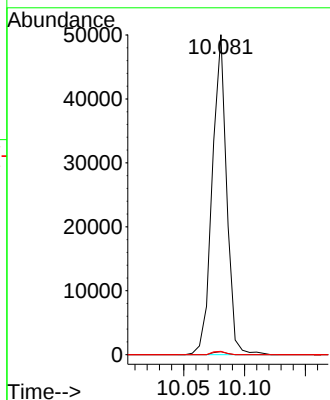
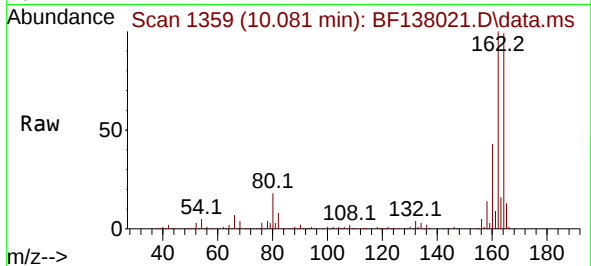




#51
2,6-Dinitrotoluene
Concen: 8.943 ng
RT: 10.081 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF138021.D
Acq: 23 May 2024 11:51

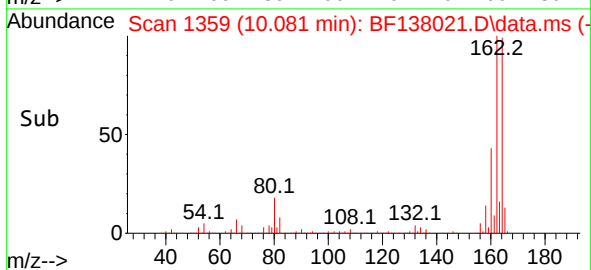
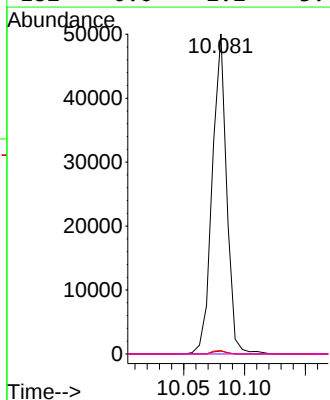
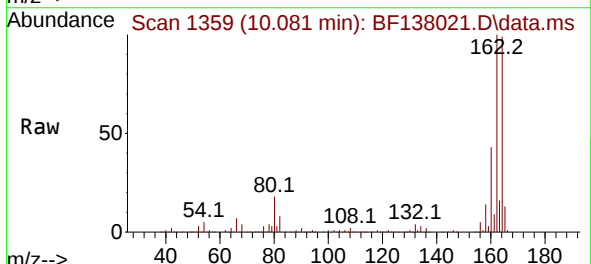
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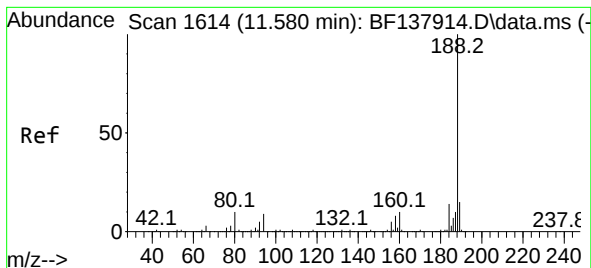
Tgt Ion:165 Resp: 41176
Ion Ratio Lower Upper
165 100
63 0.9 38.9 58.3#
89 1.1 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.917 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF138021.D
Acq: 23 May 2024 11:51

Tgt Ion:165 Resp: 41176
Ion Ratio Lower Upper
165 100
63 0.9 25.3 37.9#
89 1.1 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: BF138021.D

Acq: 23 May 2024 11:51

Instrument :

BNA_F

ClientSampleId :

PB161005TB

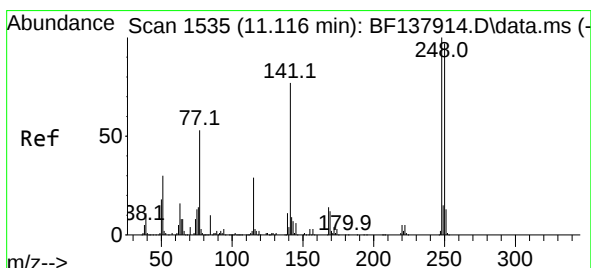
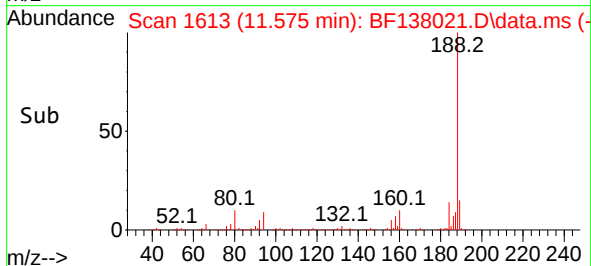
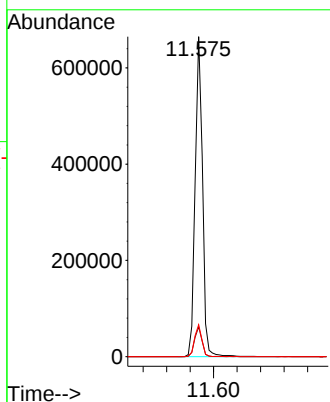
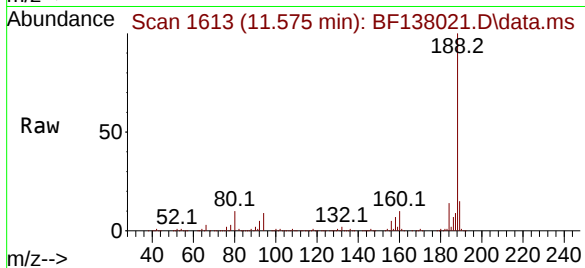
Tgt Ion:188 Resp: 575512

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

80 10.0 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.448 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF138021.D

Acq: 23 May 2024 11:51

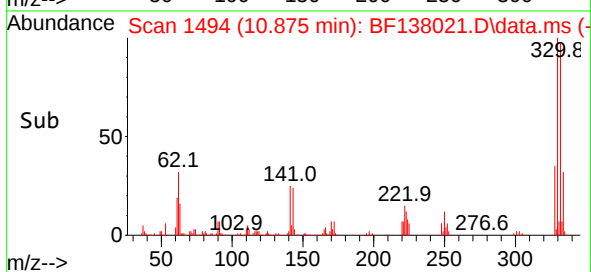
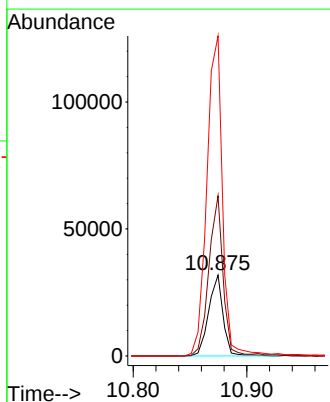
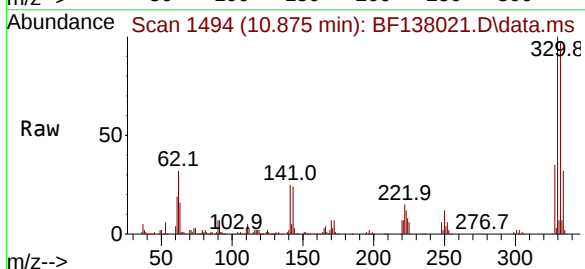
Tgt Ion:248 Resp: 28064

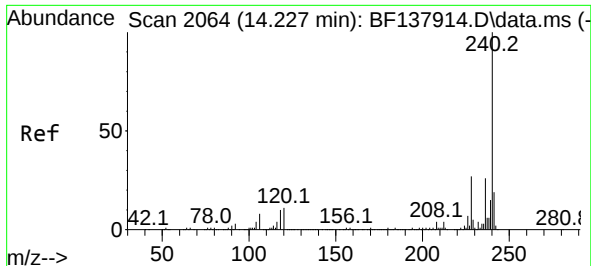
Ion Ratio Lower Upper

248 100

250 198.4 77.6 116.4#

141 396.4 61.4 92.2#

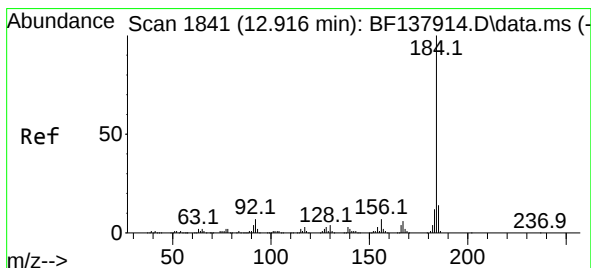
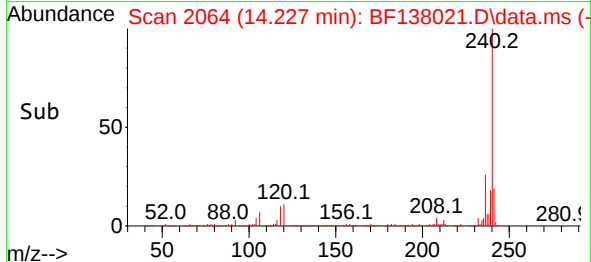
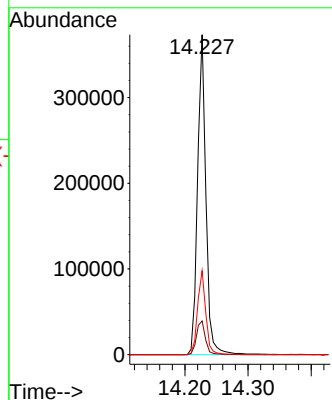
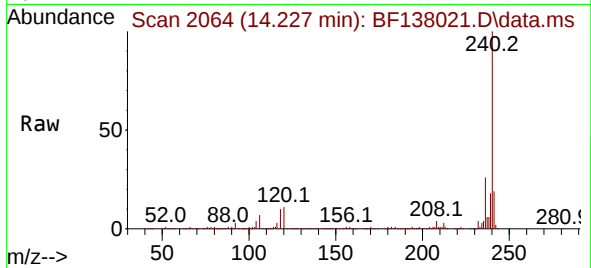




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF138021.D
Acq: 23 May 2024 11:51

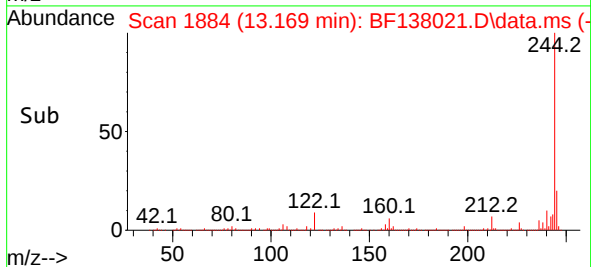
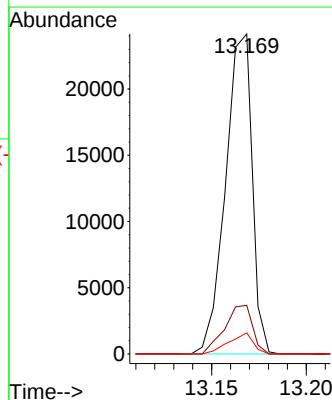
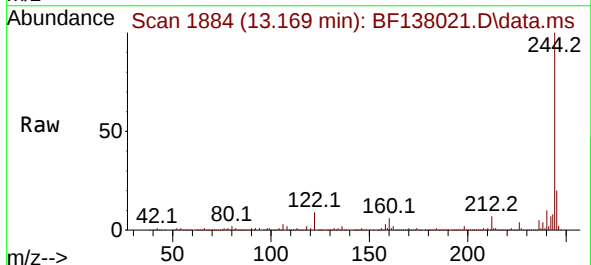
Instrument :
BNA_F
ClientSampleId :
PB161005TB

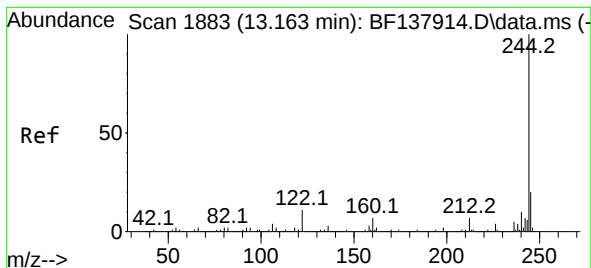
Tgt Ion:240 Resp: 342372
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.3 21.0 31.4



#77
Benzidine
Concen: 5.272 ng
RT: 13.169 min Scan# 1884
Delta R.T. 0.253 min
Lab File: BF138021.D
Acq: 23 May 2024 11:51

Tgt Ion:184 Resp: 23588
Ion Ratio Lower Upper
184 100
185 15.2 11.4 17.2
183 6.6 9.5 14.3#





#79

Terphenyl-d14

Concen: 87.581 ng

RT: 13.169 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138021.D

Acq: 23 May 2024 11:51

Instrument :

BNA_F

ClientSampleId :

PB161005TB

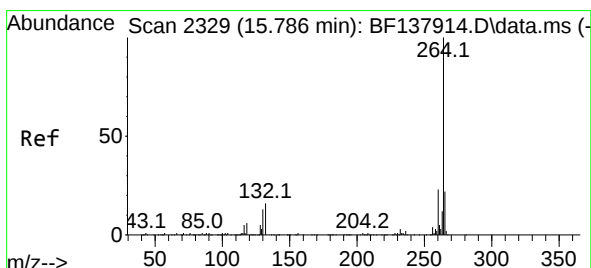
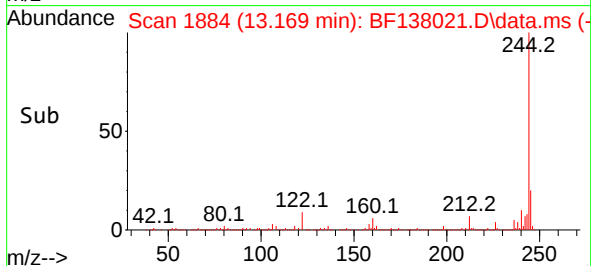
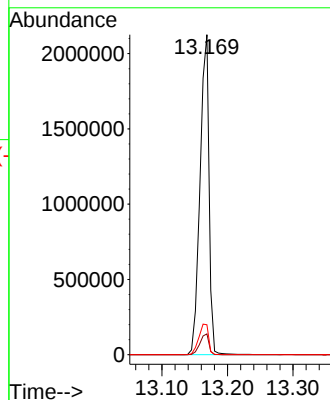
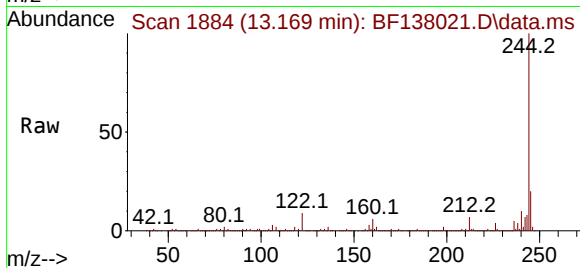
Tgt Ion:244 Resp: 2034562

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 9.3 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: BF138021.D

Acq: 23 May 2024 11:51

Tgt Ion:264 Resp: 279723

Ion Ratio Lower Upper

264 100

260 22.1 18.3 27.5

265 21.2 17.6 26.4

