

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
 Data File : BF138077.D
 Acq On : 30 May 2024 15:54
 Operator : CG\JU
 Sample : P2646-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPS

Quant Time: May 30 16:19:08 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)

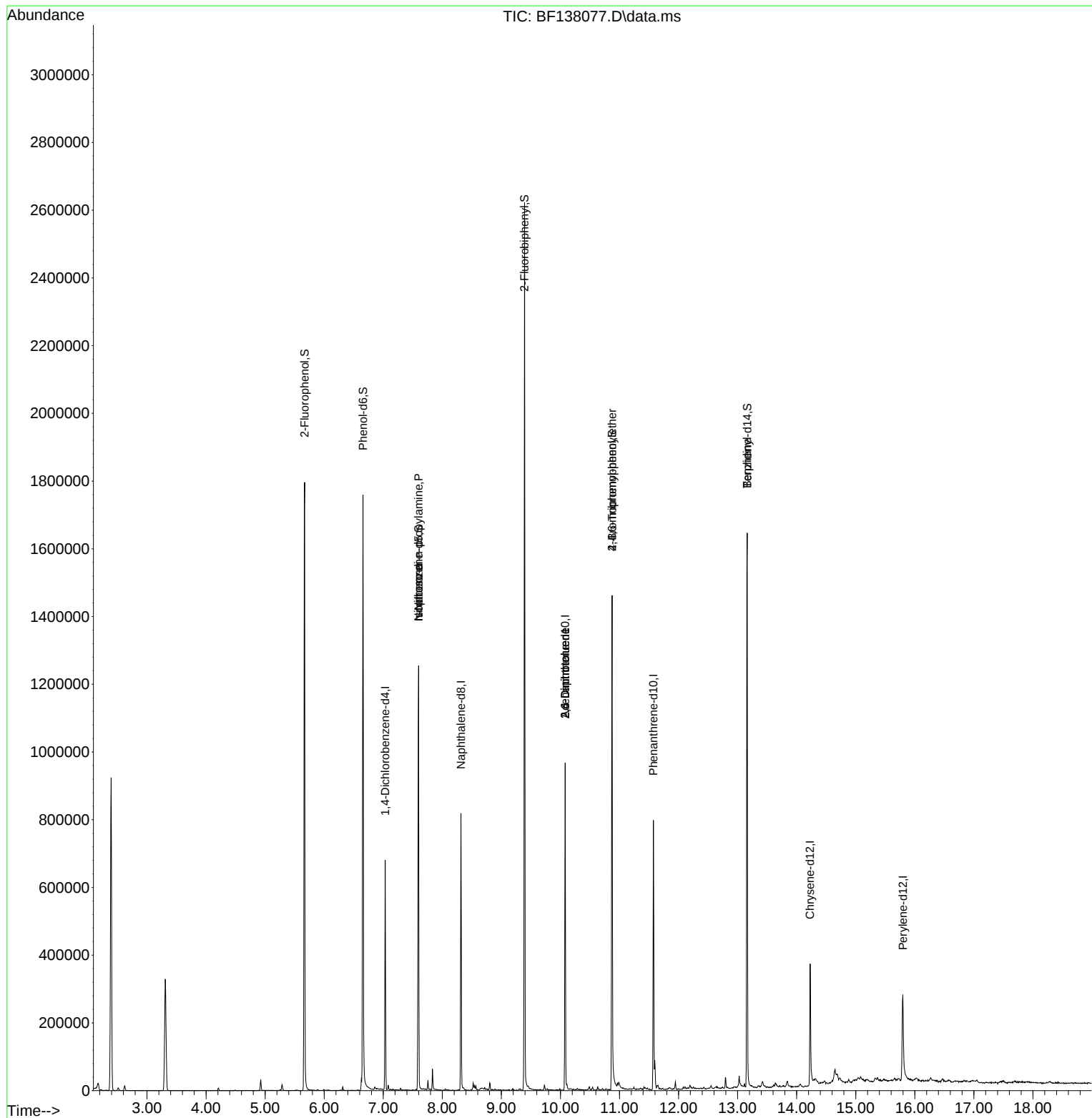
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.033	152	90539	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	351388	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	196721	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	299136	20.000	ng	0.00
76) Chrysene-d12	14.227	240	140713	20.000	ng	0.00
86) Perylene-d12	15.798	264	158135	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	555829	104.282	ng	0.00
7) Phenol-d6	6.657	99	652599	99.394	ng	0.00
23) Nitrobenzene-d5	7.598	82	406166	68.025	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	215040	108.412	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	762788	59.729	ng	0.00
79) Terphenyl-d14	13.163	244	624028	65.359	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.598	70	53262	14.439	ng	# 73
25) Isophorone	7.598	82	406160	39.194	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	25114	8.870	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	25264	6.902	ng	# 32
67) 4-Bromophenyl-phenylether	10.874	248	13694	4.176	ng	# 1
77) Benzidine	13.163	184	7170	3.899	ng	# 95

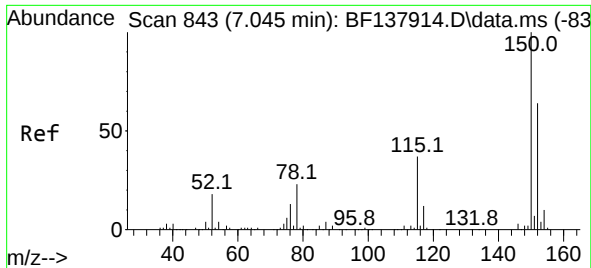
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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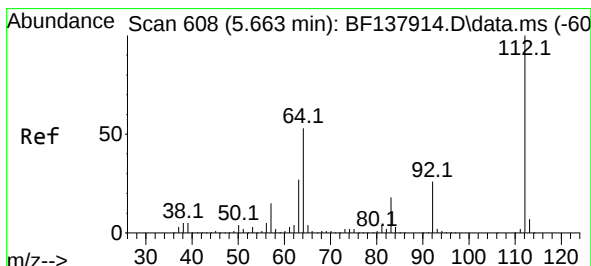
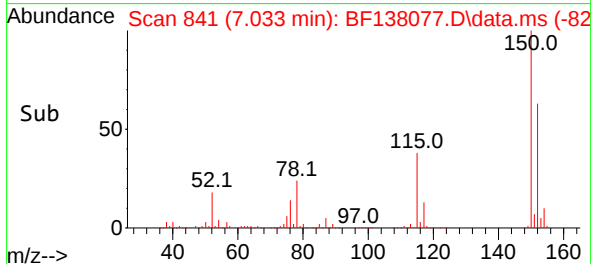
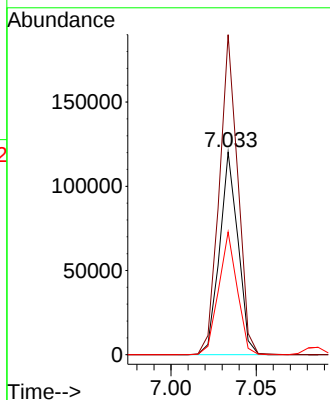
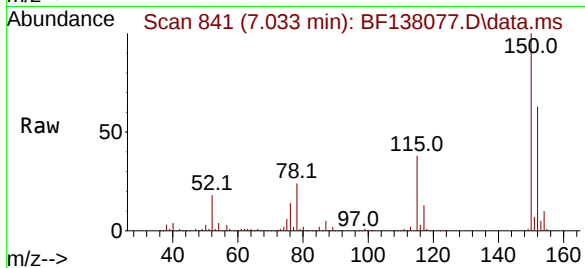




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.033 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: BF138077.D
 Acq: 30 May 2024 15:54

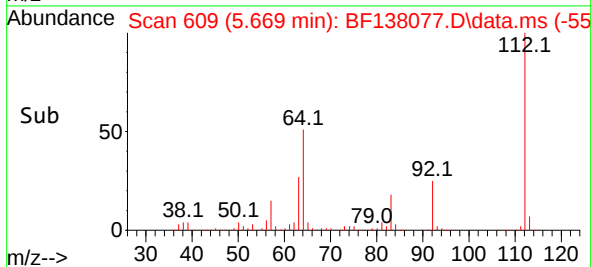
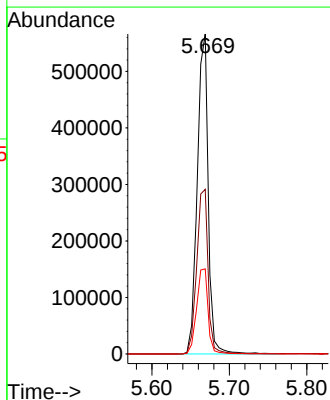
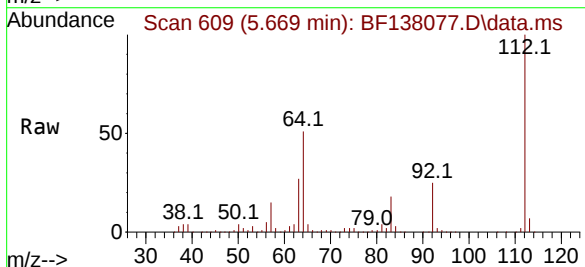
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPS

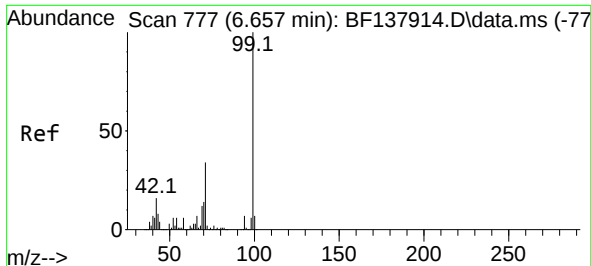
Tgt Ion:152 Resp: 90539
 Ion Ratio Lower Upper
 152 100
 150 158.0 125.7 188.5
 115 60.6 47.0 70.6



#5
 2-Fluorophenol
 Concen: 104.282 ng
 RT: 5.669 min Scan# 609
 Delta R.T. 0.006 min
 Lab File: BF138077.D
 Acq: 30 May 2024 15:54

Tgt Ion:112 Resp: 555829
 Ion Ratio Lower Upper
 112 100
 64 51.4 42.4 63.6
 63 26.6 21.4 32.2





#7
Phenol-d6
Concen: 99.394 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138077.D
Acq: 30 May 2024 15:54

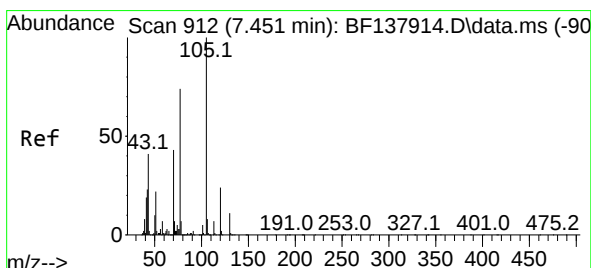
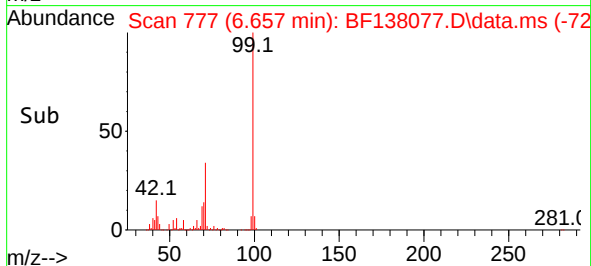
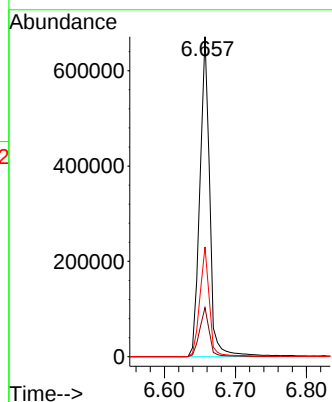
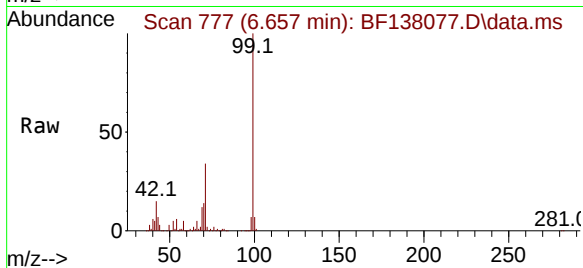
Instrument :

BNA_F

ClientSampleId :

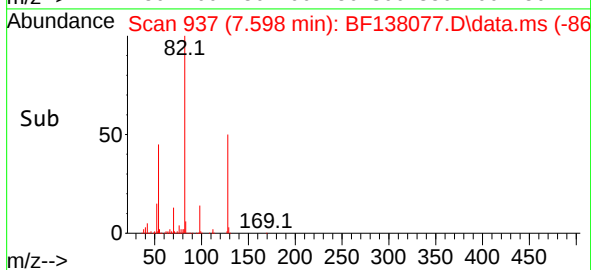
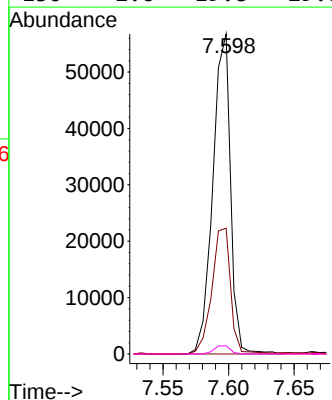
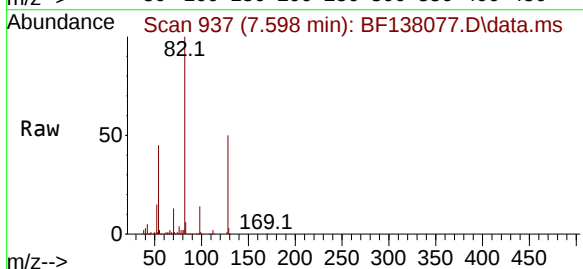
WCS-TPS

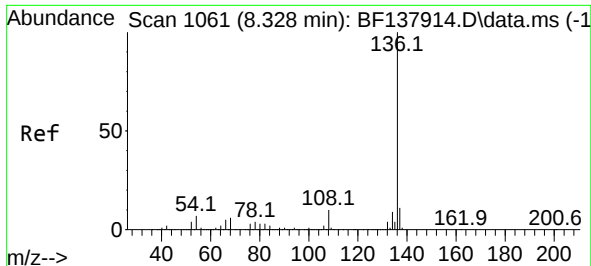
Tgt Ion: 99 Resp: 652599
Ion Ratio Lower Upper
99 100
42 15.3 12.6 18.8
71 34.3 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.439 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF138077.D
Acq: 30 May 2024 15:54

Tgt Ion: 70 Resp: 53262
Ion Ratio Lower Upper
70 100
42 39.3 42.2 63.4#
101 0.0 8.8 13.2#
130 2.6 19.8 29.8#



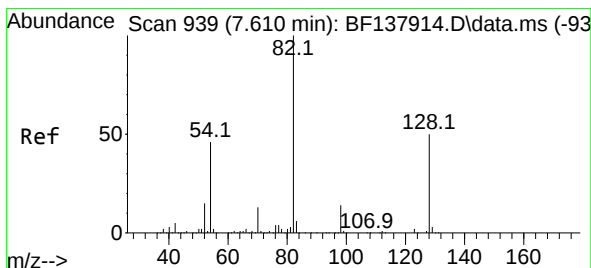
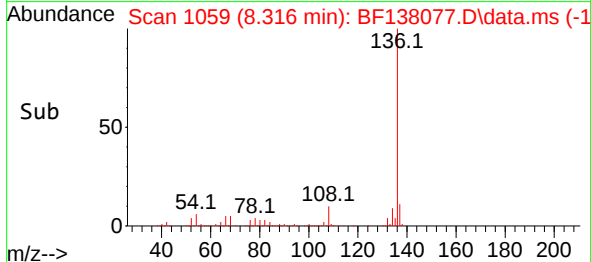
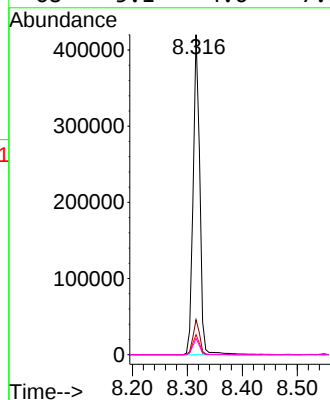
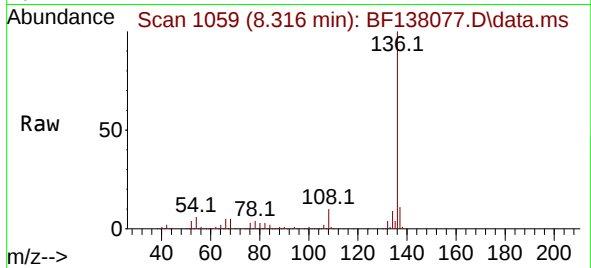


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138077.D
Acq: 30 May 2024 15:54

Instrument :
BNA_F
ClientSampleId :
WCS-TPS

Tgt Ion:136 Resp: 351388

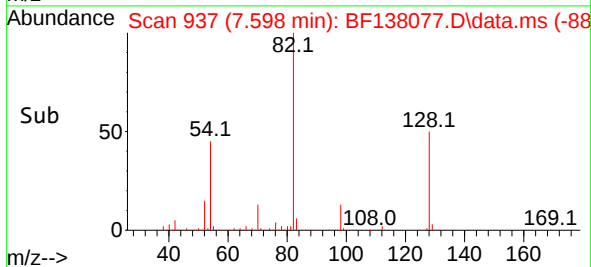
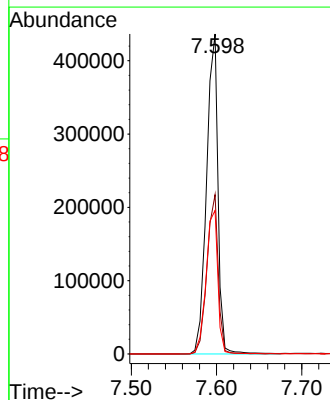
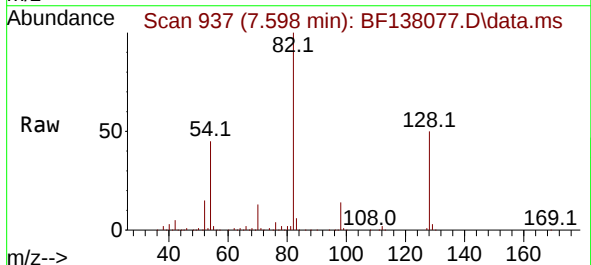
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.3	5.4	8.2
68	5.1	4.6	7.0

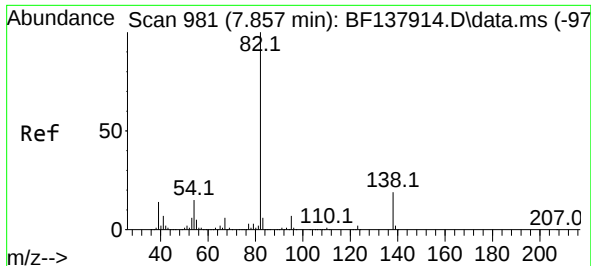


#23
Nitrobenzene-d5
Concen: 68.025 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138077.D
Acq: 30 May 2024 15:54

Tgt Ion: 82 Resp: 406166

Ion	Ratio	Lower	Upper
82	100		
128	49.8	40.3	60.5
54	44.9	36.8	55.2

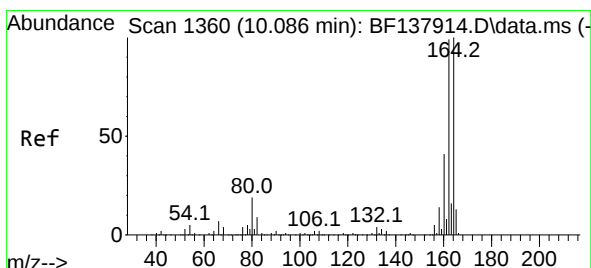
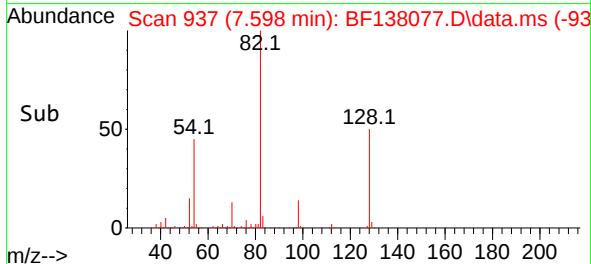
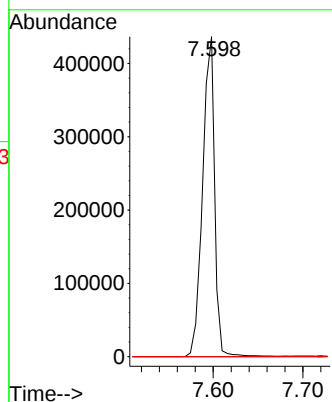
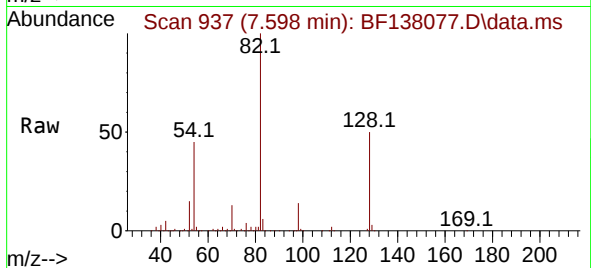




#25
Isophorone
Concen: 39.194 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138077.D
Acq: 30 May 2024 15:54

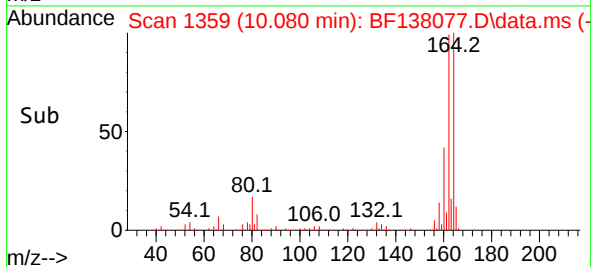
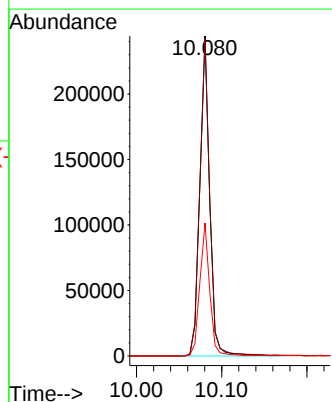
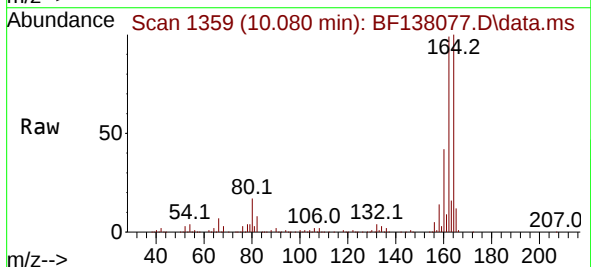
Instrument :
BNA_F
ClientSampleId :
WCS-TPS

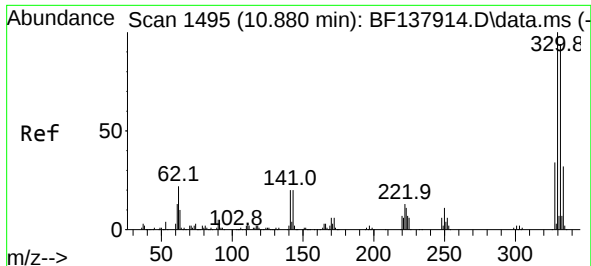
Tgt Ion: 82 Resp: 406160
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138077.D
Acq: 30 May 2024 15:54

Tgt Ion:164 Resp: 196721
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.2
160 41.6 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 108.412 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138077.D

Acq: 30 May 2024 15:54

Instrument :

BNA_F

ClientSampleId :

WCS-TPS

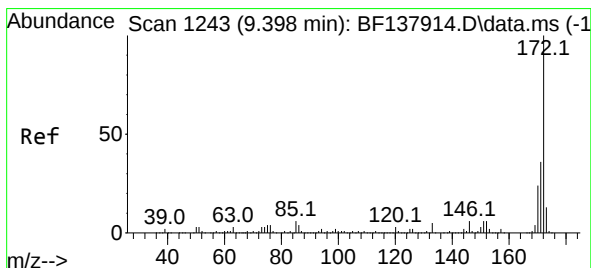
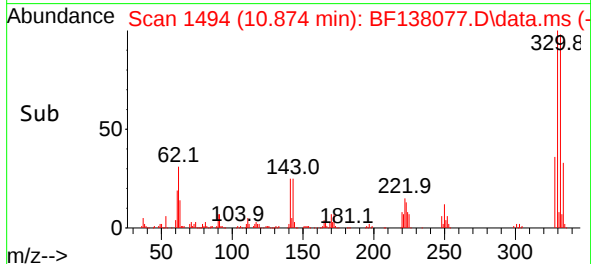
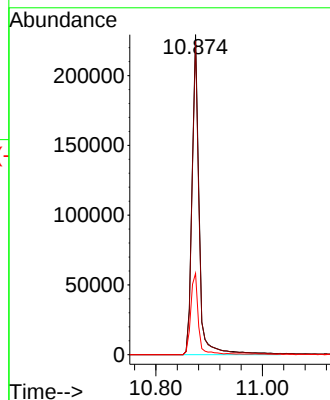
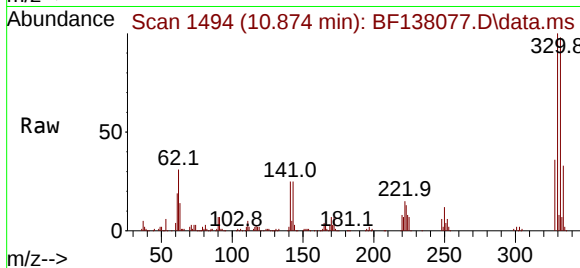
Tgt Ion:330 Resp: 215040

Ion Ratio Lower Upper

330 100

332 96.6 75.8 113.8

141 27.2 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 59.729 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138077.D

Acq: 30 May 2024 15:54

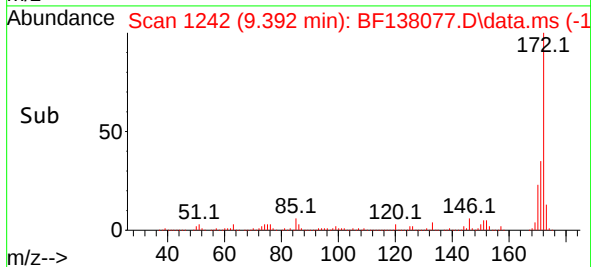
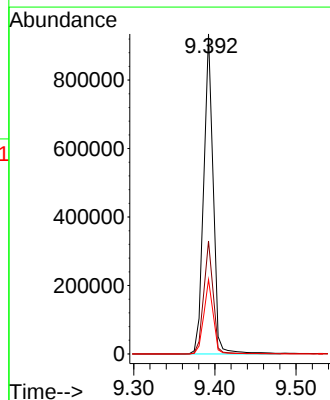
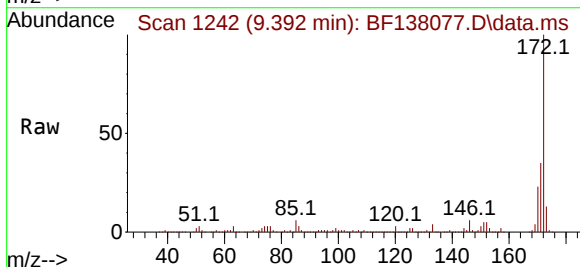
Tgt Ion:172 Resp: 762788

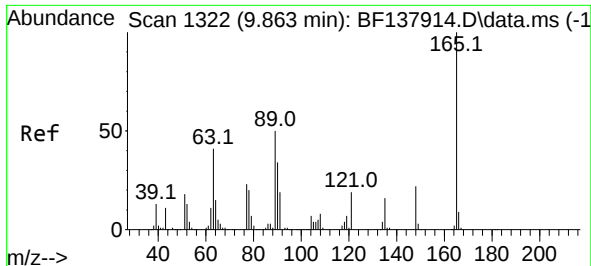
Ion Ratio Lower Upper

172 100

171 35.3 28.9 43.3

170 23.2 18.9 28.3

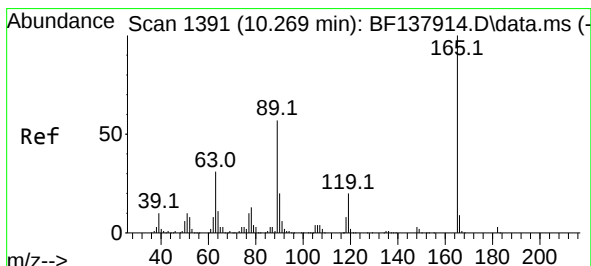
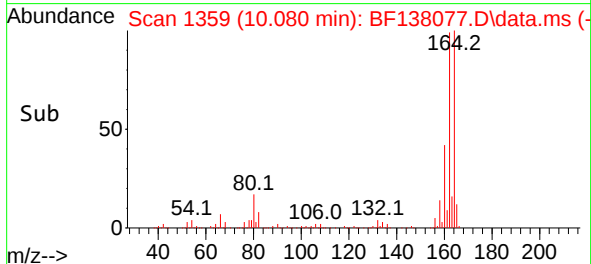
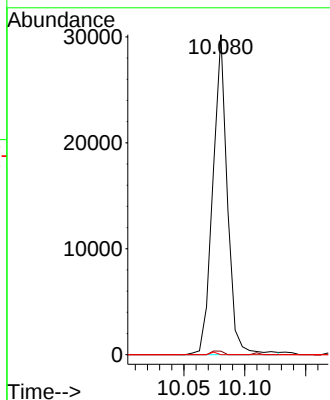
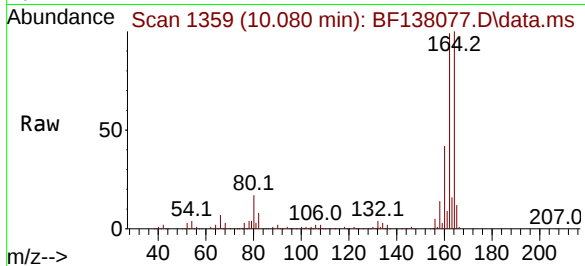




#51
2,6-Dinitrotoluene
Concen: 8.870 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF138077.D
Acq: 30 May 2024 15:54

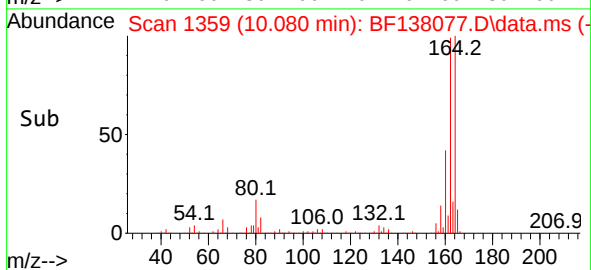
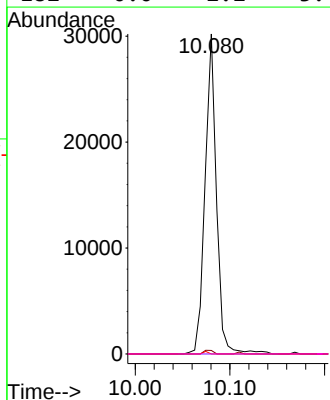
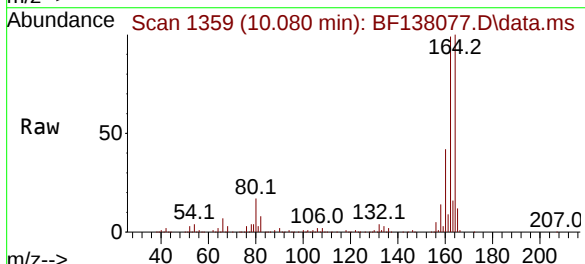
Instrument :
BNA_F
ClientSampleId :
WCS-TPS

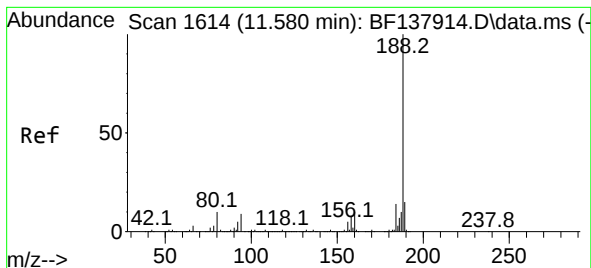
Tgt Ion:165 Resp: 25114
Ion Ratio Lower Upper
165 100
63 1.1 38.9 58.3#
89 0.0 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.902 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF138077.D
Acq: 30 May 2024 15:54

Tgt Ion:165 Resp: 25264
Ion Ratio Lower Upper
165 100
63 1.1 25.3 37.9#
89 0.0 45.9 68.9#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138077.D

Acq: 30 May 2024 15:54

Instrument :

BNA_F

ClientSampleId :

WCS-TPS

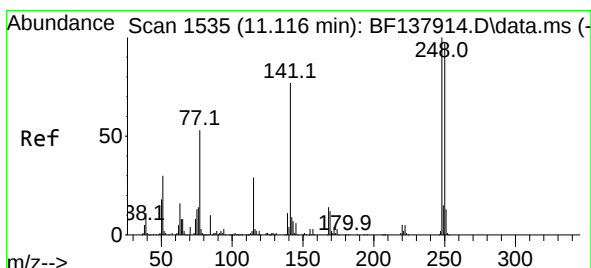
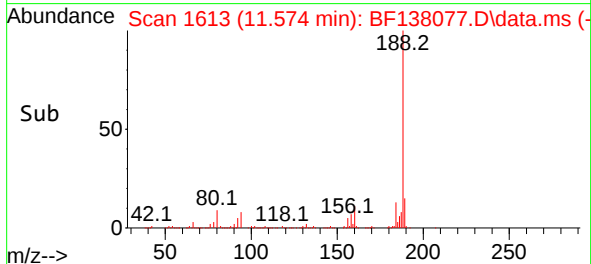
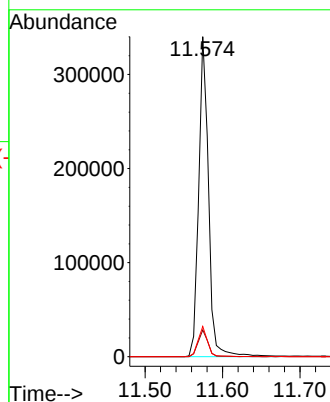
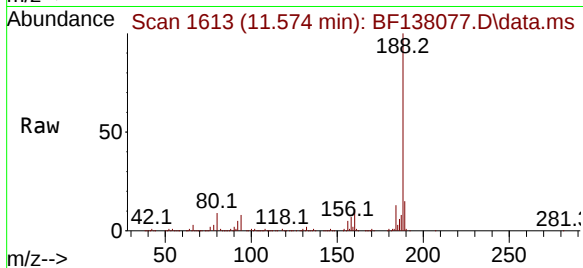
Tgt Ion:188 Resp: 299136

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.4

80 9.4 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.176 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF138077.D

Acq: 30 May 2024 15:54

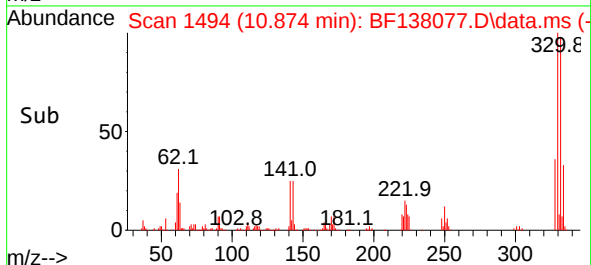
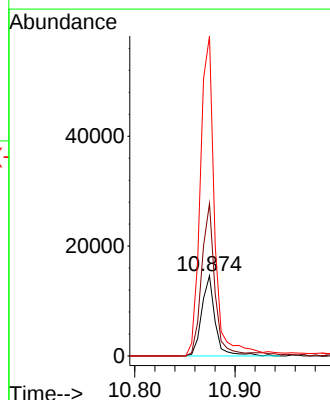
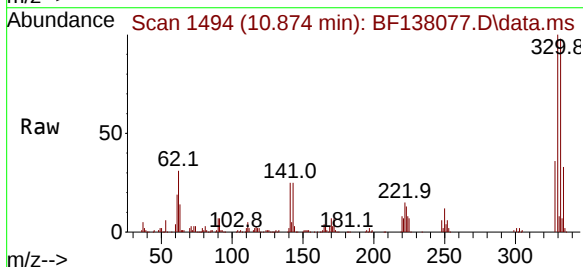
Tgt Ion:248 Resp: 13694

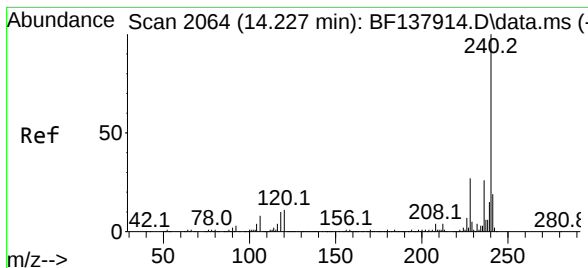
Ion Ratio Lower Upper

248 100

250 190.2 77.6 116.4#

141 399.3 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: BF138077.D

Acq: 30 May 2024 15:54

Instrument :

BNA_F

ClientSampleId :

WCS-TPS

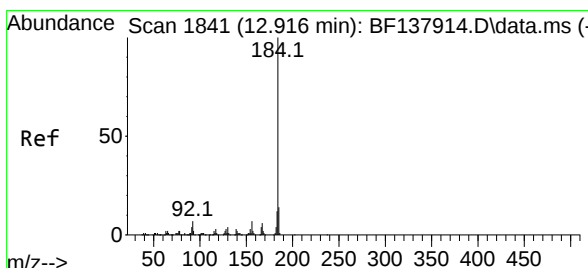
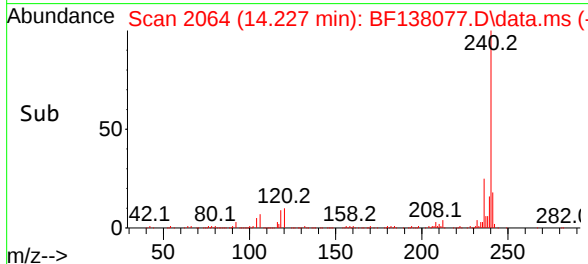
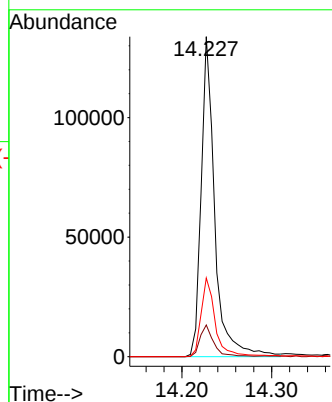
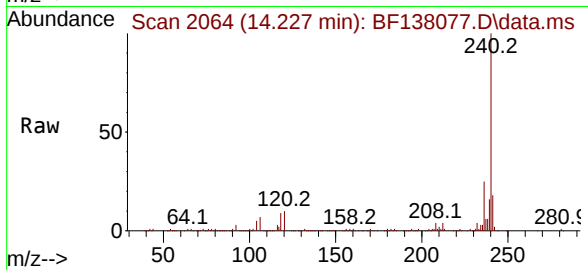
Tgt Ion:240 Resp: 140713

Ion Ratio Lower Upper

240 100

120 9.9 8.9 13.3

236 24.6 21.0 31.4



#77

Benzidine

Concen: 3.899 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.246 min

Lab File: BF138077.D

Acq: 30 May 2024 15:54

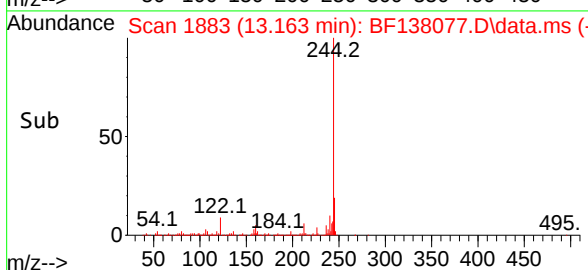
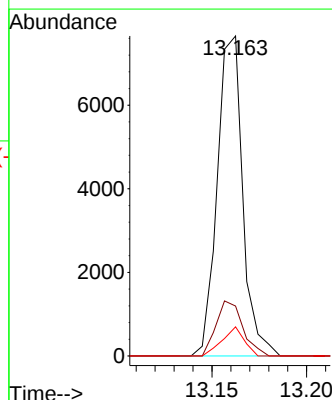
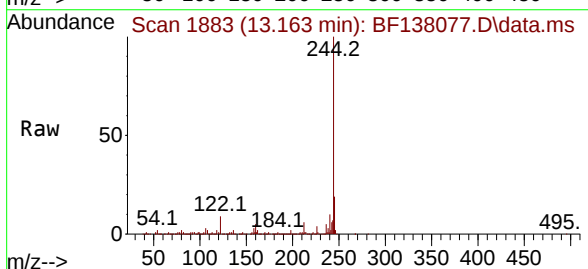
Tgt Ion:184 Resp: 7170

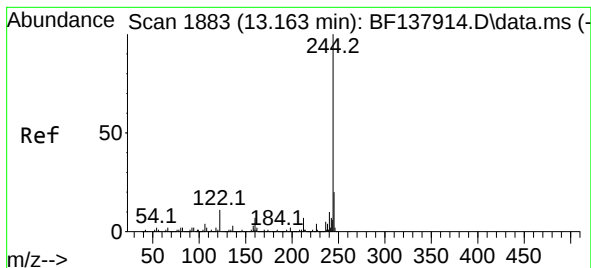
Ion Ratio Lower Upper

184 100

185 15.6 11.4 17.2

183 9.1 9.5 14.3#





#79

Terphenyl-d14

Concen: 65.359 ng

RT: 13.163 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138077.D

Acq: 30 May 2024 15:54

Instrument :

BNA_F

ClientSampleId :

WCS-TPS

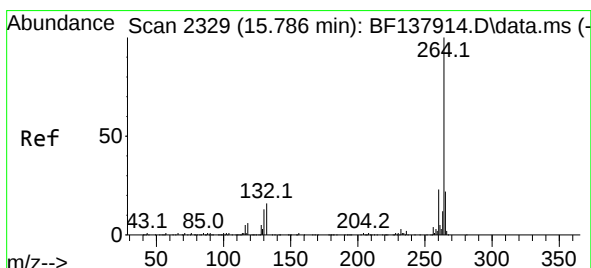
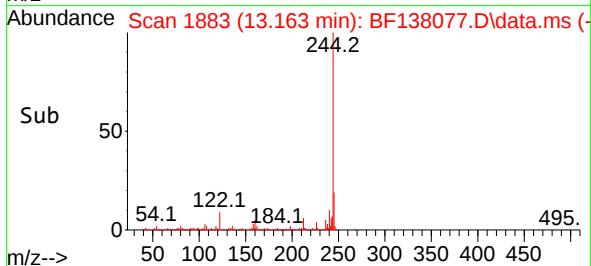
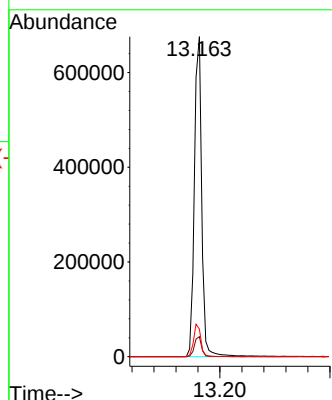
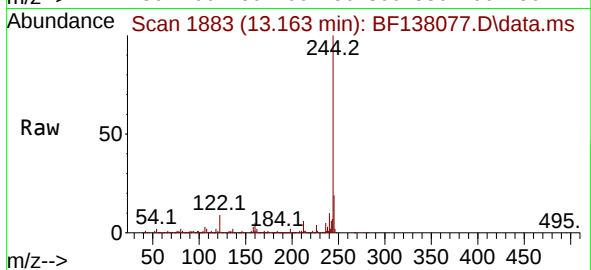
Tgt Ion:244 Resp: 624028

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

122 8.6 8.8 13.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.798 min Scan# 2331

Delta R.T. 0.012 min

Lab File: BF138077.D

Acq: 30 May 2024 15:54

Tgt Ion:264 Resp: 158135

Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 20.8 17.6 26.4

