

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
 Data File : BF137953.D
 Acq On : 20 May 2024 11:33
 Operator : CG\JU
 Sample : P2486-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPK

Quant Time: May 20 12:05:02 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)

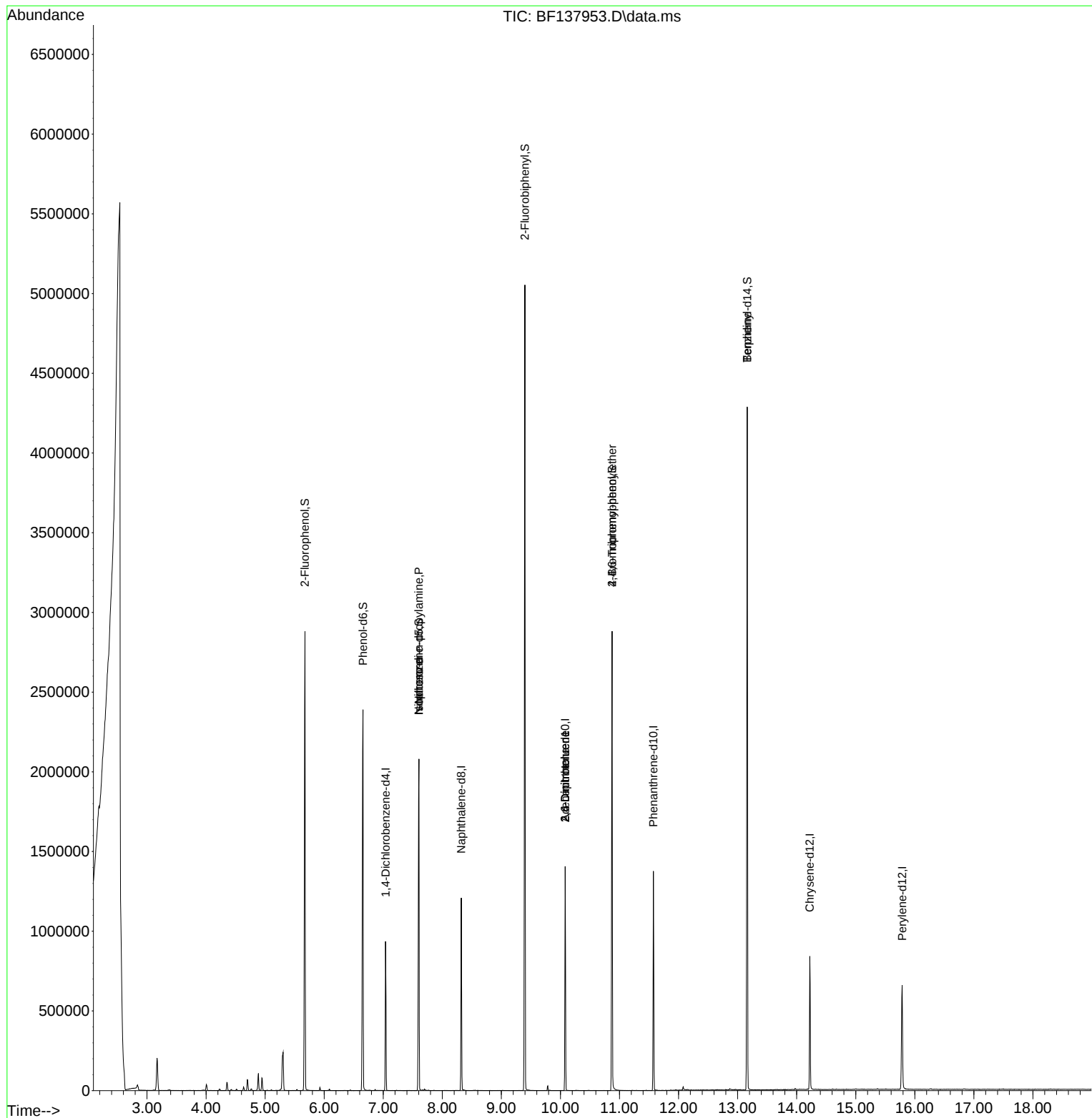
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	126683	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	482393	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	271301	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	458214	20.000	ng	0.00
76) Chrysene-d12	14.221	240	276629	20.000	ng	0.00
86) Perylene-d12	15.786	264	320574	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	833616	111.776	ng	0.01
7) Phenol-d6	6.657	99	910921	99.154	ng	0.00
23) Nitrobenzene-d5	7.604	82	688878	84.041	ng	0.00
42) 2,4,6-Tribromophenol	10.875	330	353003	129.044	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1499873	85.159	ng	0.00
79) Terphenyl-d14	13.163	244	1481570	78.934	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.604	70	89988	17.435	ng	# 73
25) Isophorone	7.604	82	688872	48.422	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	34512	8.839	ng	# 30
57) 2,4-Dinitrotoluene	10.080	165	34512	6.837	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	22891	4.557	ng	# 1
77) Benzidine	13.163	184	17476	4.834	ng	# 93

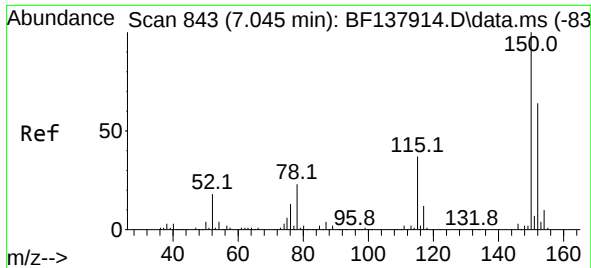
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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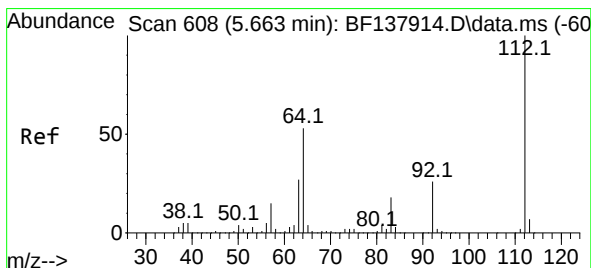
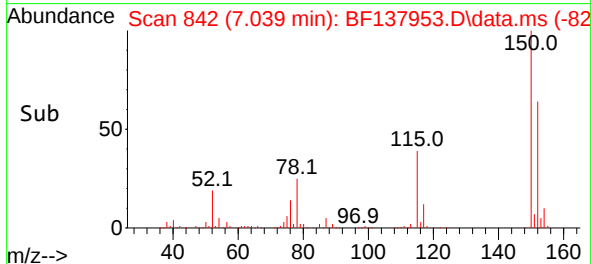
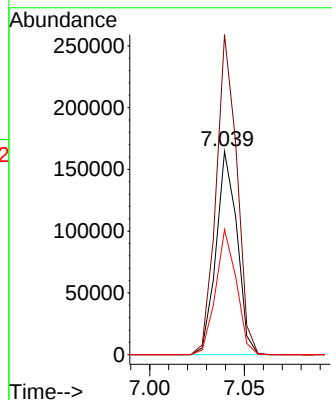
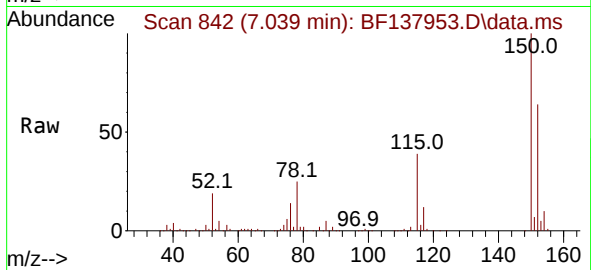




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137953.D
Acq: 20 May 2024 11:33

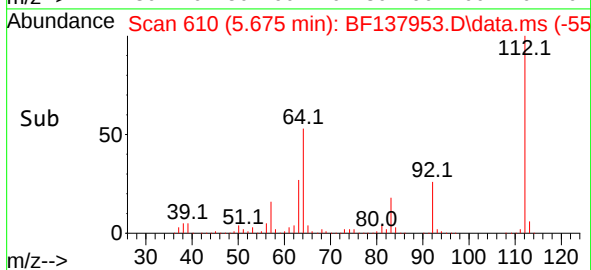
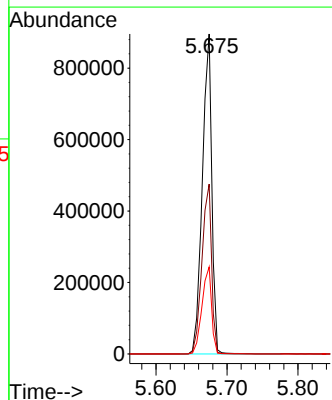
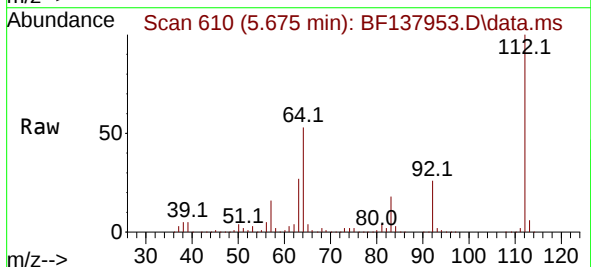
Instrument :
BNA_F
ClientSampleId :
WCS-TPK

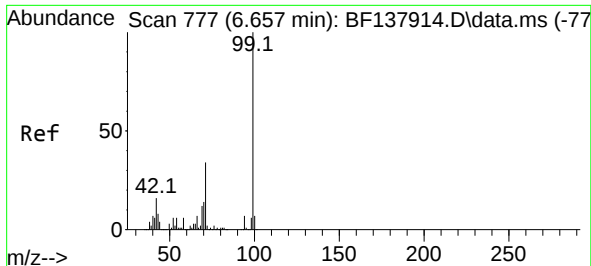
Tgt Ion:152 Resp: 126683
Ion Ratio Lower Upper
152 100
150 157.3 125.7 188.5
115 61.5 47.0 70.6



#5
2-Fluorophenol
Concen: 111.776 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137953.D
Acq: 20 May 2024 11:33

Tgt Ion:112 Resp: 833616
Ion Ratio Lower Upper
112 100
64 53.1 42.4 63.6
63 27.2 21.4 32.2

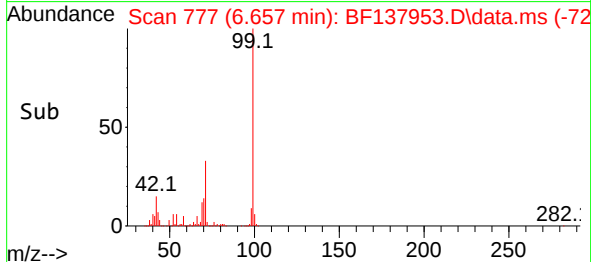
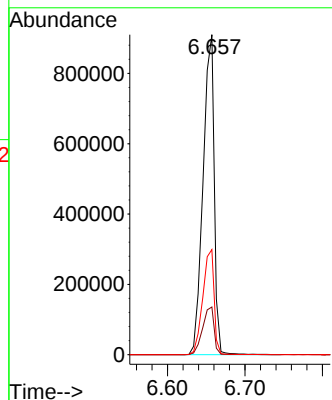
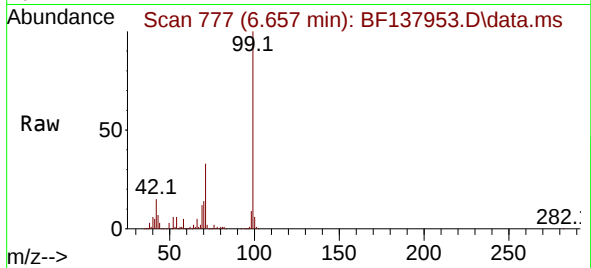




#7
Phenol-d6
Concen: 99.154 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137953.D
Acq: 20 May 2024 11:33

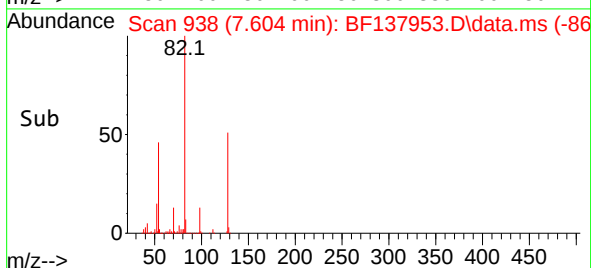
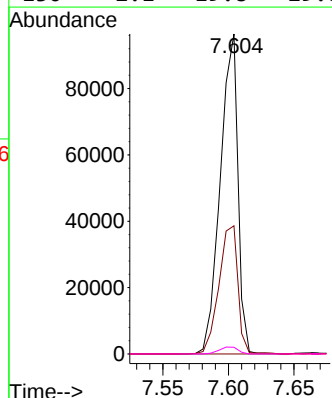
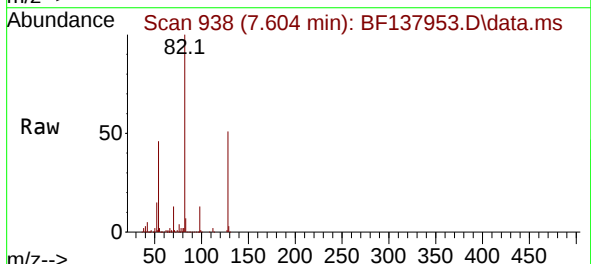
Instrument :
BNA_F
ClientSampleId :
WCS-TPK

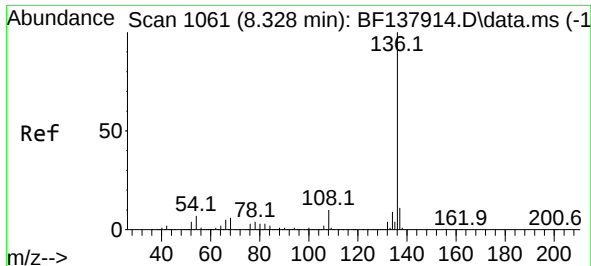
Tgt Ion: 99 Resp: 910921
Ion Ratio Lower Upper
99 100
42 14.9 12.6 18.8
71 32.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.435 ng
RT: 7.604 min Scan# 938
Delta R.T. 0.153 min
Lab File: BF137953.D
Acq: 20 May 2024 11:33

Tgt Ion: 70 Resp: 89988
Ion Ratio Lower Upper
70 100
42 40.0 42.2 63.4#
101 0.0 8.8 13.2#
130 2.1 19.8 29.8#



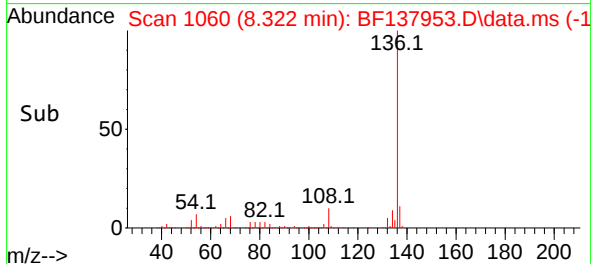
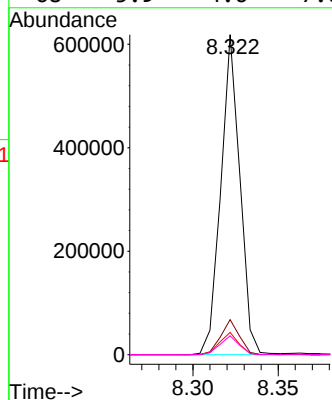
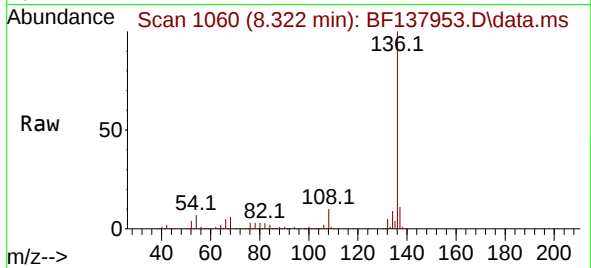


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137953.D
Acq: 20 May 2024 11:33

Instrument :
BNA_F
ClientSampleId :
WCS-TPK

Tgt Ion:136 Resp: 482393

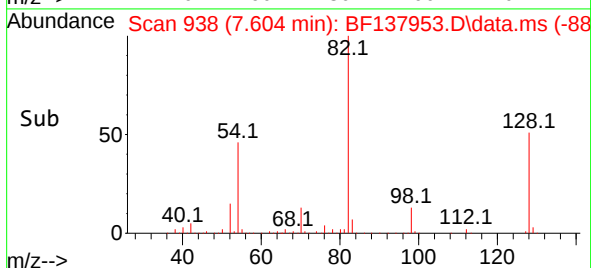
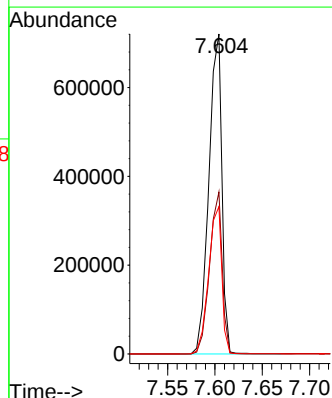
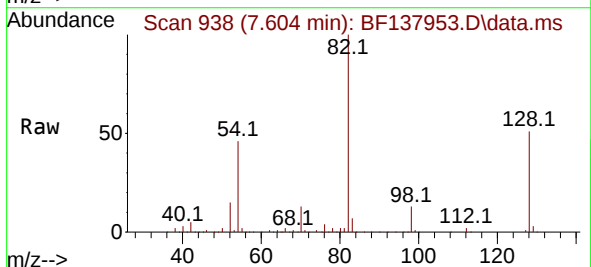
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.9	5.4	8.2
68	5.9	4.6	7.0



#23
Nitrobenzene-d5
Concen: 84.041 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF137953.D
Acq: 20 May 2024 11:33

Tgt Ion: 82 Resp: 688878

Ion	Ratio	Lower	Upper
82	100		
128	50.6	40.3	60.5
54	46.0	36.8	55.2

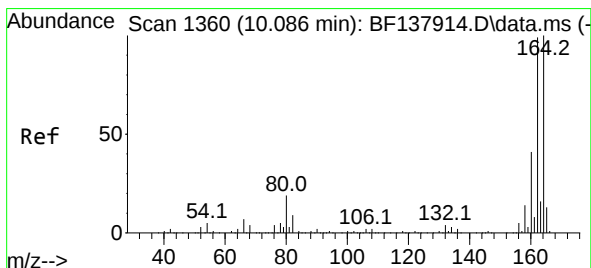
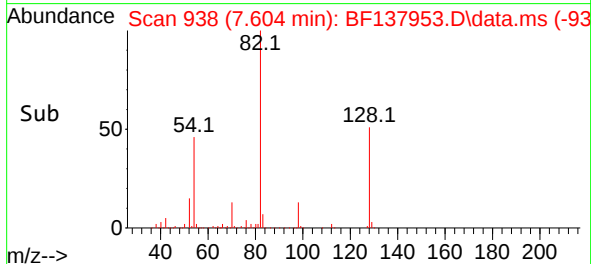
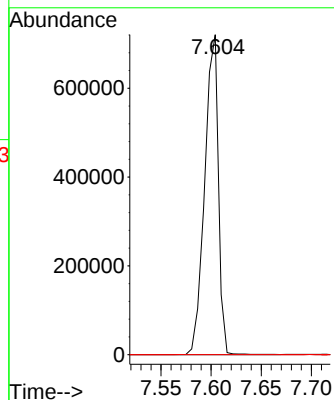
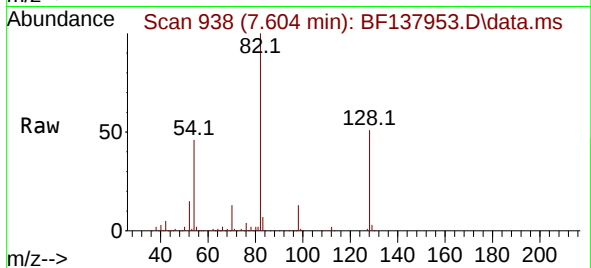




#25
Isophorone
Concen: 48.422 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.253 min
Lab File: BF137953.D
Acq: 20 May 2024 11:33

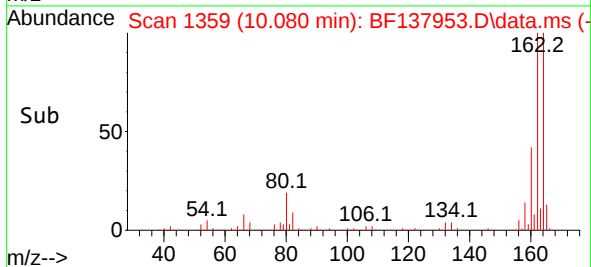
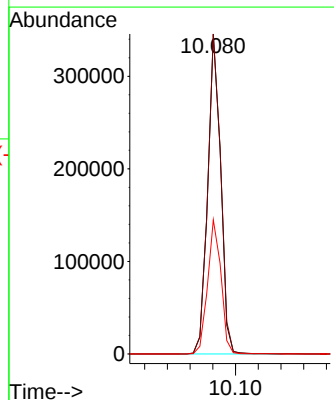
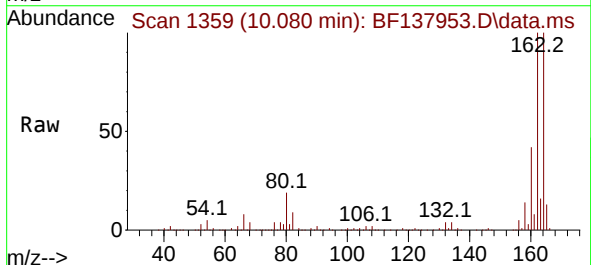
Instrument :
BNA_F
ClientSampleId :
WCS-TPK

Tgt Ion: 82 Resp: 688872
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: BF137953.D
Acq: 20 May 2024 11:33

Tgt Ion:164 Resp: 271301
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.2
160 41.9 33.1 49.7

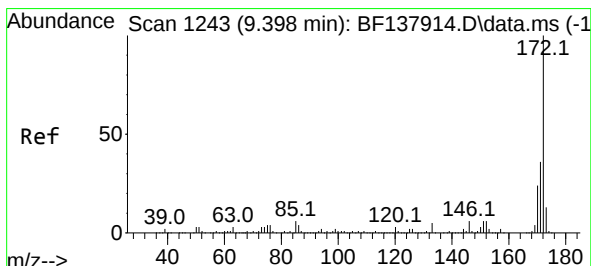
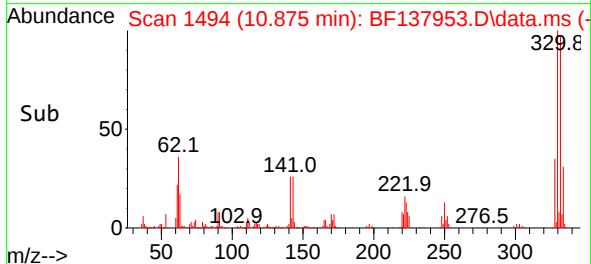
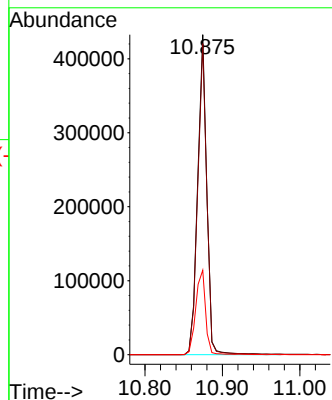
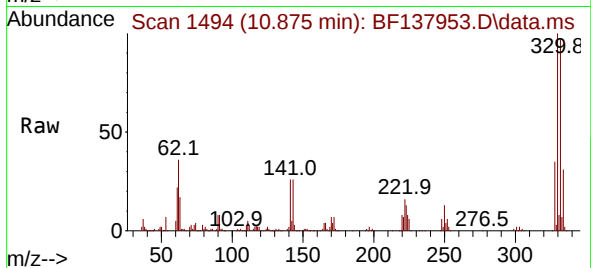




#42
2,4,6-Tribromophenol
Concen: 129.044 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137953.D
Acq: 20 May 2024 11:33

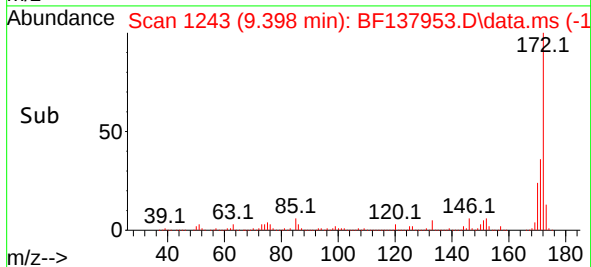
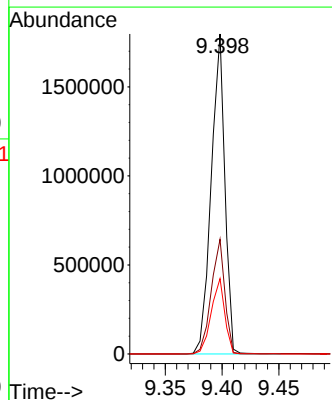
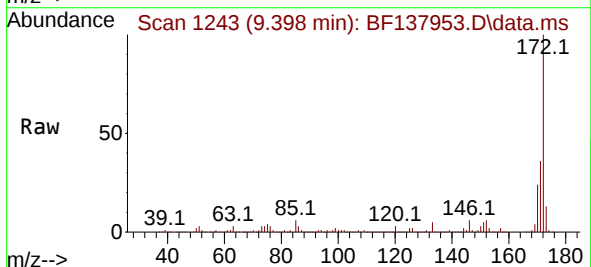
Instrument :
BNA_F
ClientSampleId :
WCS-TPK

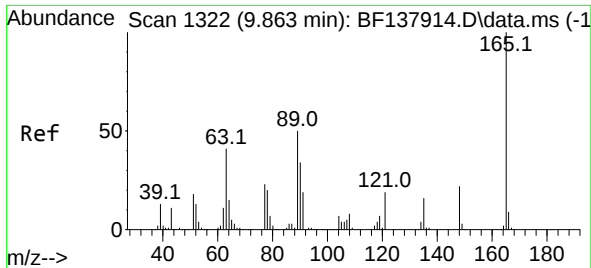
Tgt Ion:330 Resp: 353003
Ion Ratio Lower Upper
330 100
332 97.5 75.8 113.8
141 28.7 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 85.159 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF137953.D
Acq: 20 May 2024 11:33

Tgt Ion:172 Resp: 1499873
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 23.5 18.9 28.3

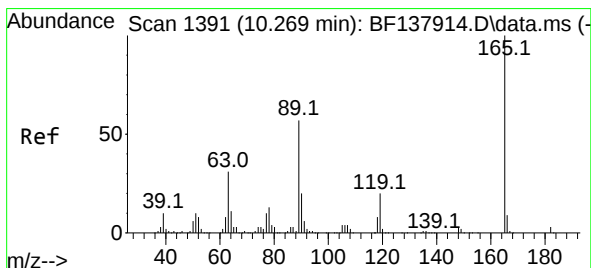
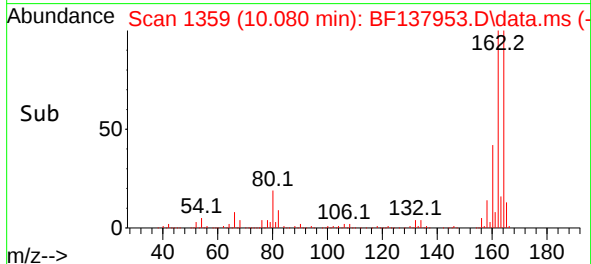
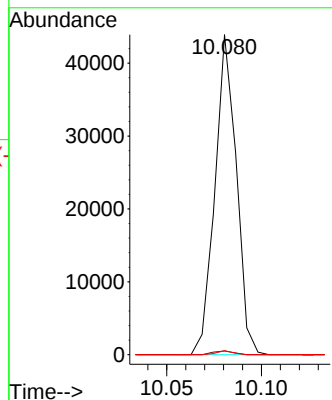
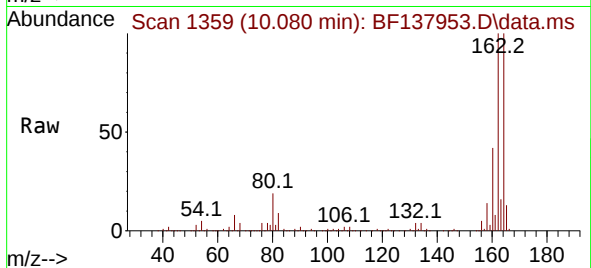




#51
2,6-Dinitrotoluene
Concen: 8.839 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF137953.D
Acq: 20 May 2024 11:33

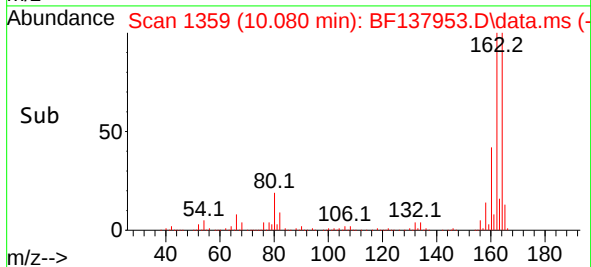
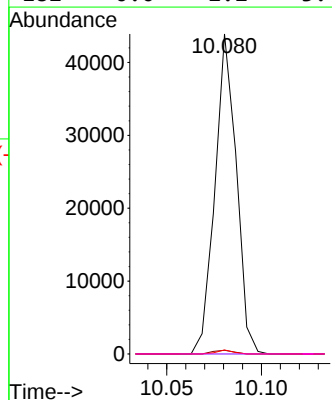
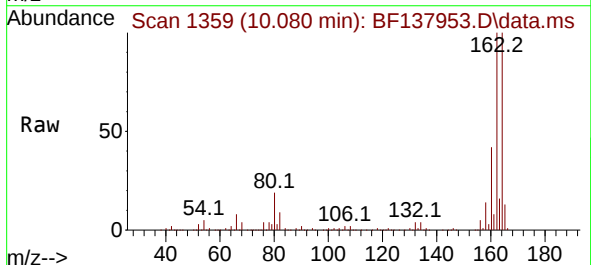
Instrument :
BNA_F
ClientSampleId :
WCS-TPK

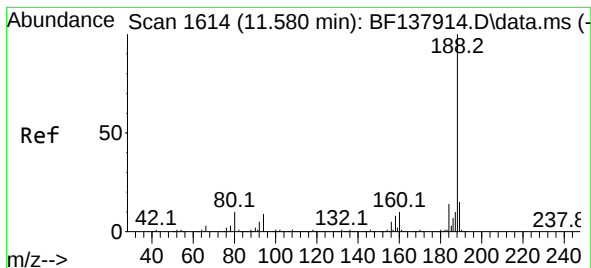
Tgt Ion:165 Resp: 34512
Ion Ratio Lower Upper
165 100
63 1.2 38.9 58.3#
89 1.2 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.837 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137953.D
Acq: 20 May 2024 11:33

Tgt Ion:165 Resp: 34512
Ion Ratio Lower Upper
165 100
63 1.2 25.3 37.9#
89 1.2 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: BF137953.D

Acq: 20 May 2024 11:33

Instrument :

BNA_F

ClientSampleId :

WCS-TPK

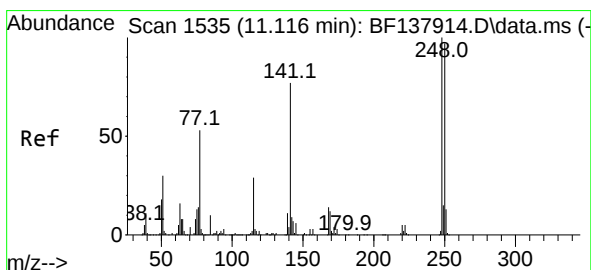
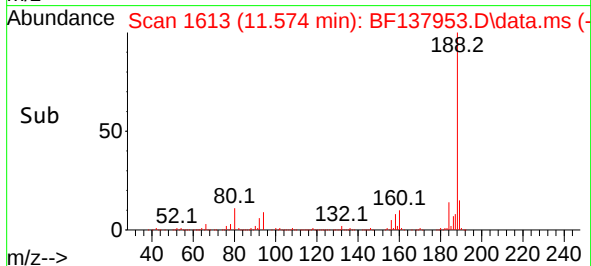
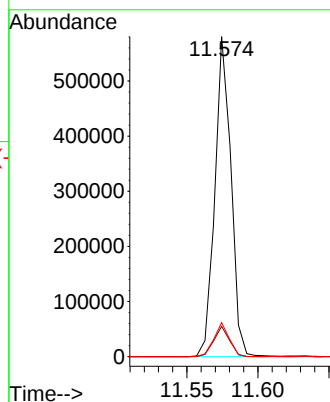
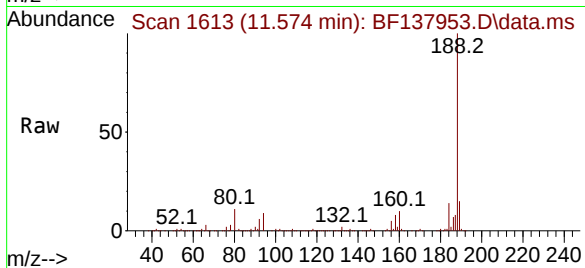
Tgt Ion:188 Resp: 458214

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

80 10.6 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.557 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF137953.D

Acq: 20 May 2024 11:33

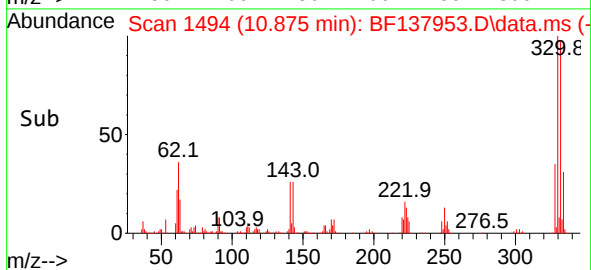
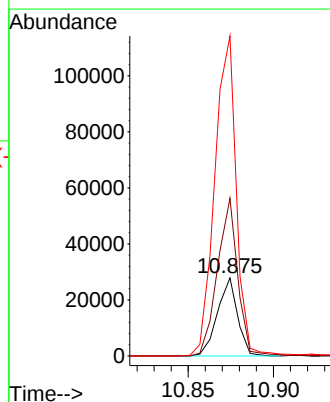
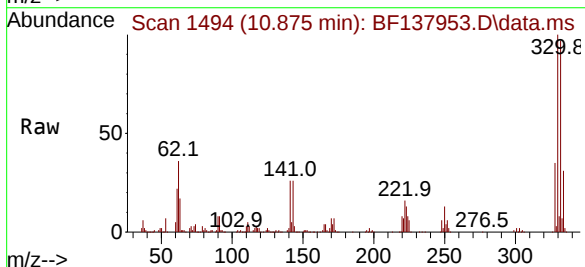
Tgt Ion:248 Resp: 22891

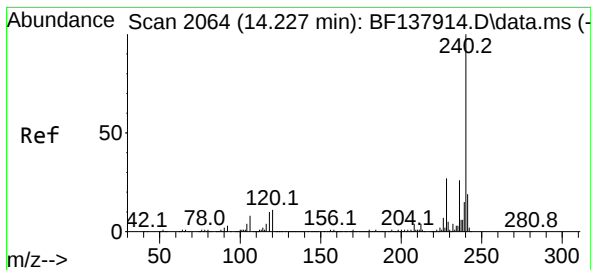
Ion Ratio Lower Upper

248 100

250 201.8 77.6 116.4#

141 410.0 61.4 92.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.221 min Scan# 2063

Delta R.T. -0.006 min

Lab File: BF137953.D

Acq: 20 May 2024 11:33

Instrument :

BNA_F

ClientSampleId :

WCS-TPK

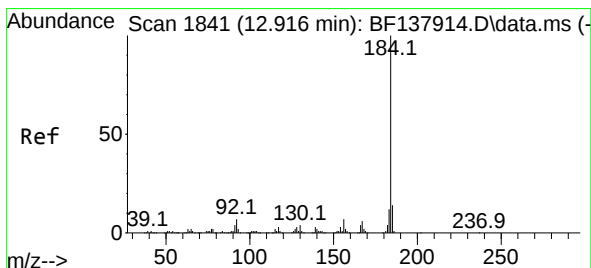
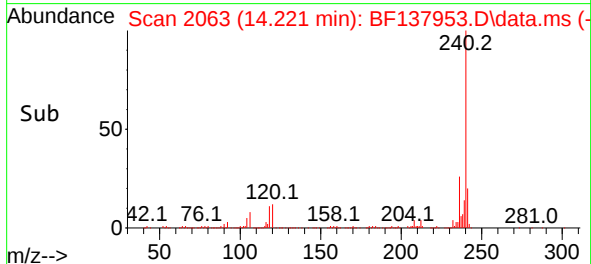
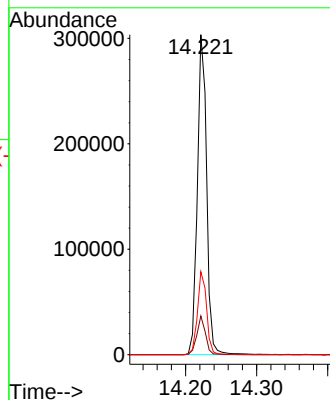
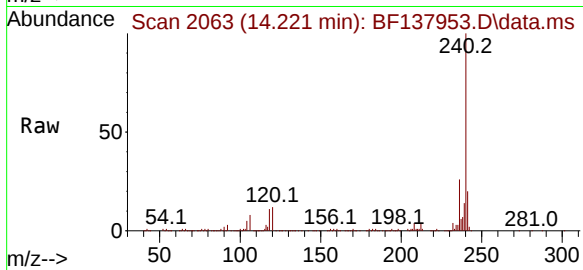
Tgt Ion:240 Resp: 276629

Ion Ratio Lower Upper

240 100

120 12.1 8.9 13.3

236 25.9 21.0 31.4



#77

Benzidine

Concen: 4.834 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.247 min

Lab File: BF137953.D

Acq: 20 May 2024 11:33

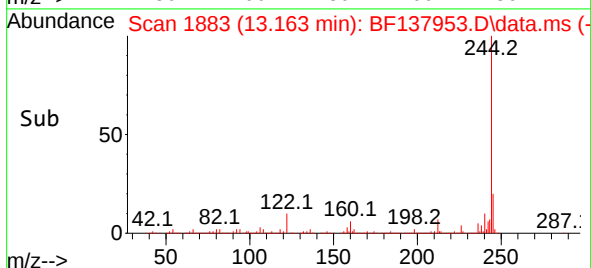
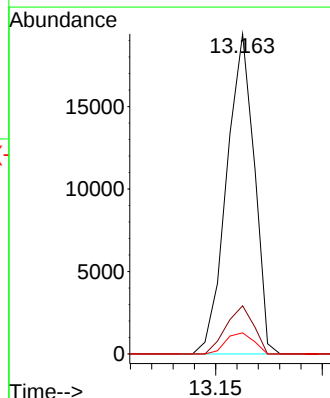
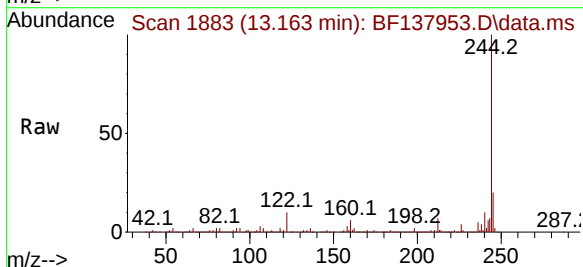
Tgt Ion:184 Resp: 17476

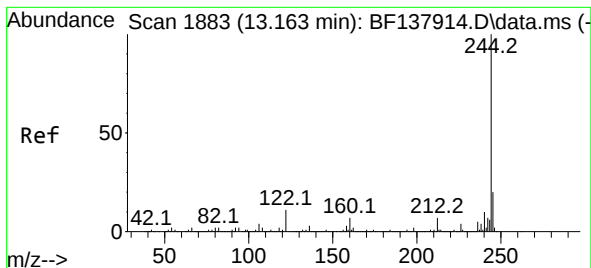
Ion Ratio Lower Upper

184 100

185 15.1 11.4 17.2

183 6.6 9.5 14.3#





#79

Terphenyl-d14

Concen: 78.934 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BF137953.D

Acq: 20 May 2024 11:33

Instrument :

BNA_F

ClientSampleId :

WCS-TPK

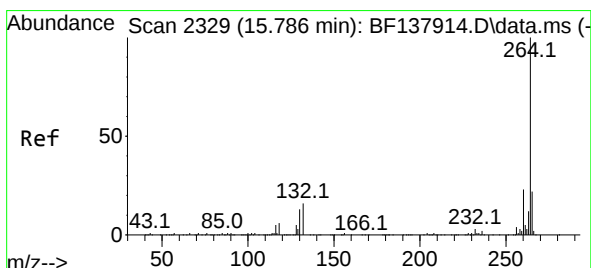
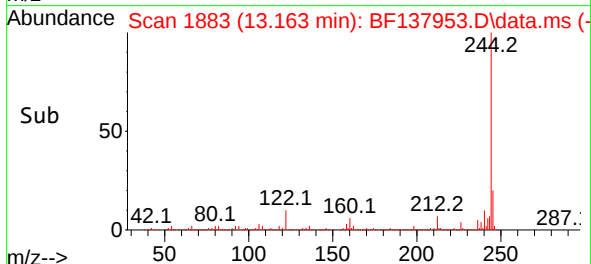
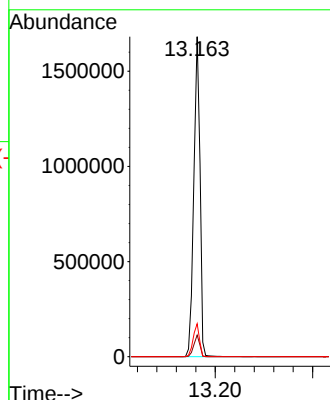
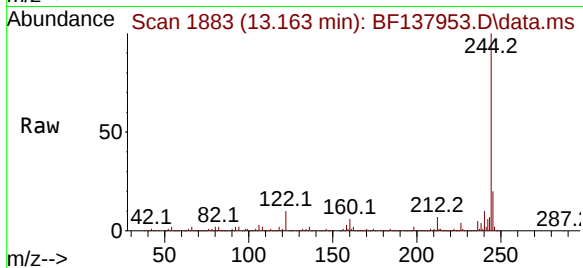
Tgt Ion:244 Resp: 1481570

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.3 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.786 min Scan# 2329

Delta R.T. 0.000 min

Lab File: BF137953.D

Acq: 20 May 2024 11:33

Tgt Ion:264 Resp: 320574

Ion Ratio Lower Upper

264 100

260 24.1 18.3 27.5

265 20.5 17.6 26.4

