

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137938.D
 Acq On : 17 May 2024 18:18
 Operator : CG\JU
 Sample : P2497-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3997

Quant Time: May 17 22:53:03 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)

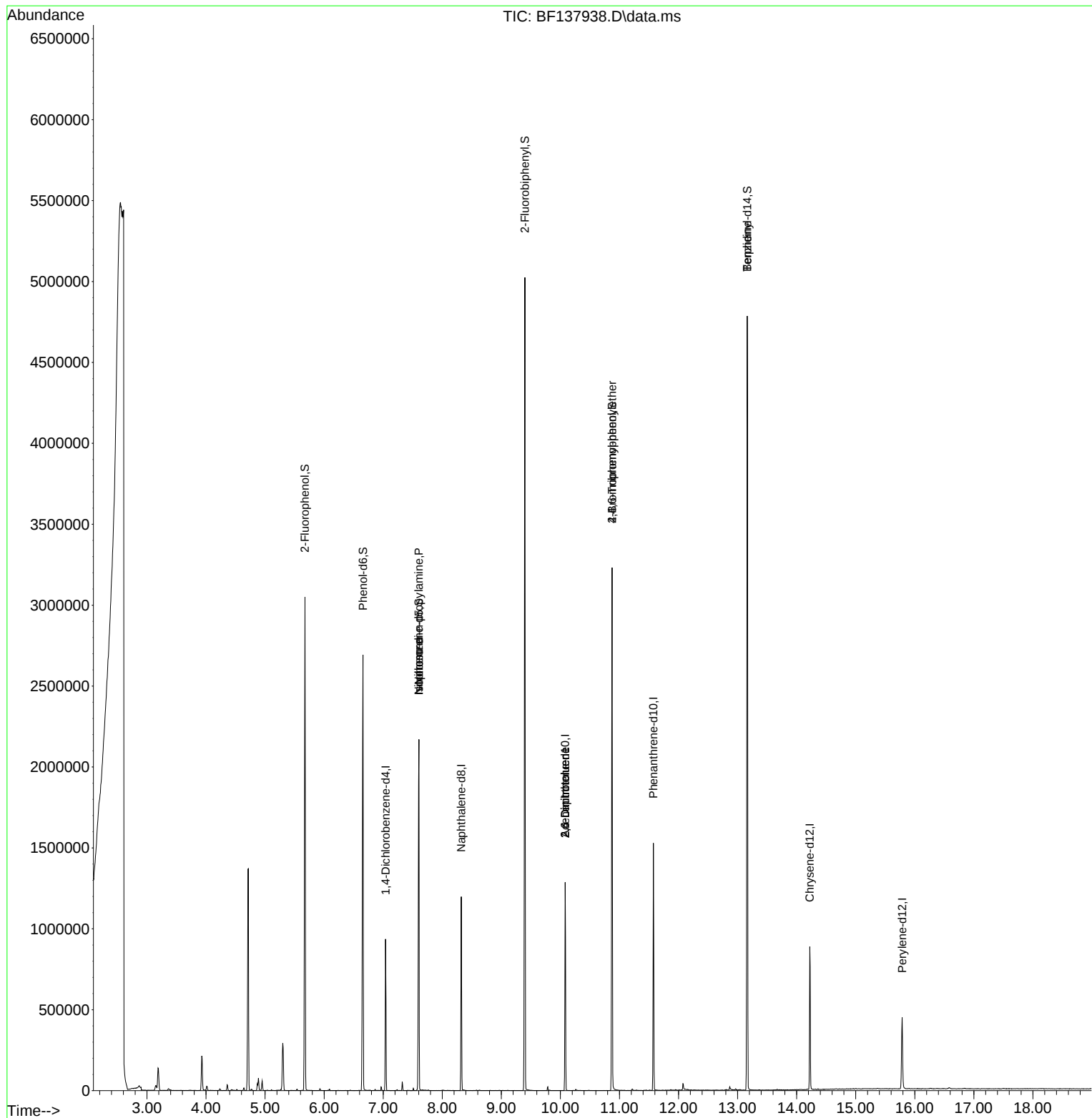
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	125120	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	485353	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	253614	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	496166	20.000	ng	0.00
76) Chrysene-d12	14.221	240	286148	20.000	ng	0.00
86) Perylene-d12	15.786	264	189979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	894281	121.409	ng	0.01
7) Phenol-d6	6.657	99	970181	106.924	ng	0.00
23) Nitrobenzene-d5	7.604	82	704958	85.478	ng	0.00
42) 2,4,6-Tribromophenol	10.875	330	402559	157.423	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1519161	92.270	ng	0.00
79) Terphenyl-d14	13.163	244	1795187	92.461	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.604	70	93125	18.268	ng	# 74
25) Isophorone	7.604	82	705068	49.259	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	32988	9.038	ng	# 30
57) 2,4-Dinitrotoluene	10.081	165	32988	6.991	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	26131	4.804	ng	# 1
77) Benzidine	13.163	184	21473	5.742	ng	# 91

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

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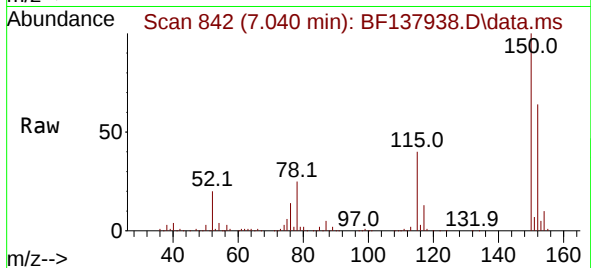
Quant Time: May 17 22:53:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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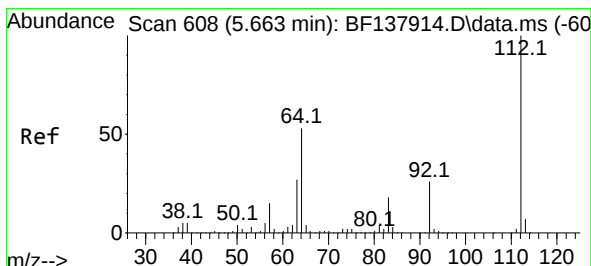
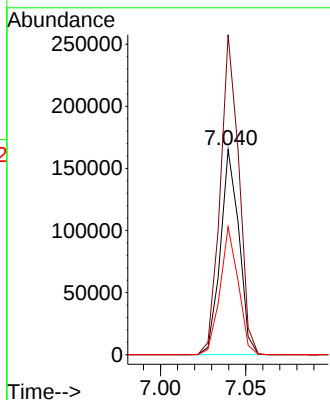
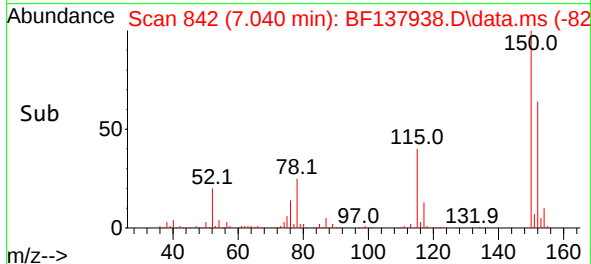


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF137938.D
Acq: 17 May 2024 18:18

Instrument :
BNA_F
ClientSampleId :
RT3997

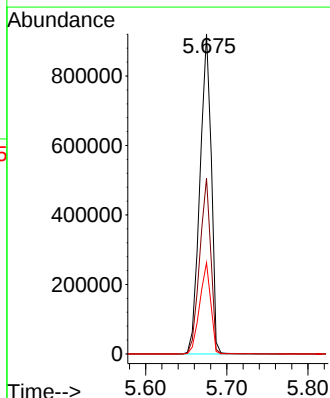
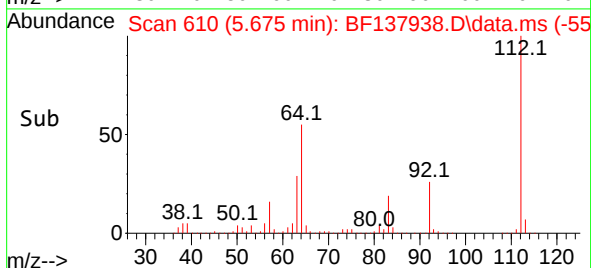
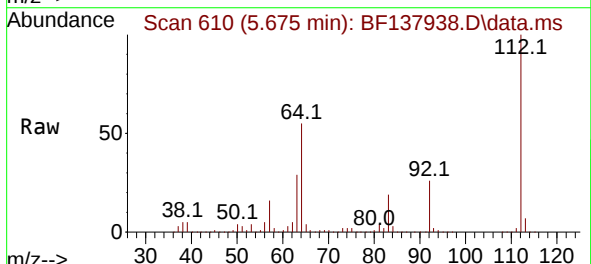


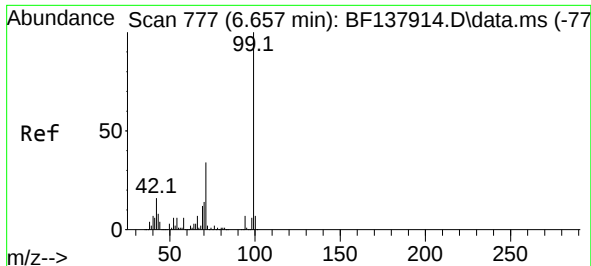
Tgt Ion:152 Resp: 125120
Ion Ratio Lower Upper
152 100
150 156.0 125.7 188.5
115 62.4 47.0 70.6



#5
2-Fluorophenol
Concen: 121.409 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137938.D
Acq: 17 May 2024 18:18

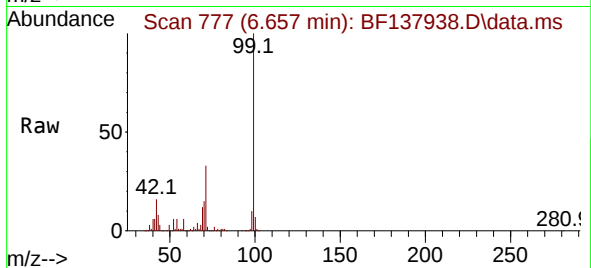
Tgt Ion:112 Resp: 894281
Ion Ratio Lower Upper
112 100
64 54.9 42.4 63.6
63 28.5 21.4 32.2





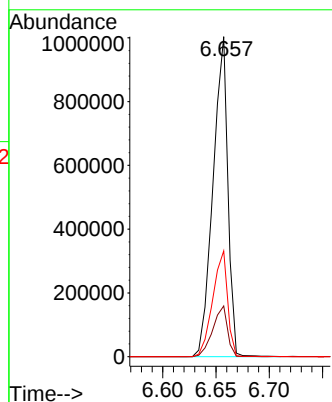
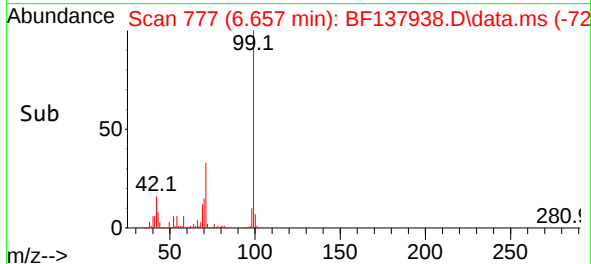
#7
Phenol-d6
Concen: 106.924 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137938.D
Acq: 17 May 2024 18:18

Instrument :
BNA_F
ClientSampleId :
RT3997

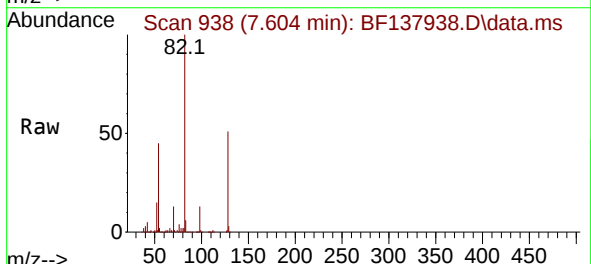


Tgt Ion: 99 Resp: 970181

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.6	18.8
71	33.1	27.1	40.7

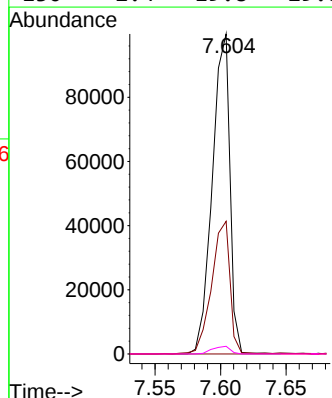
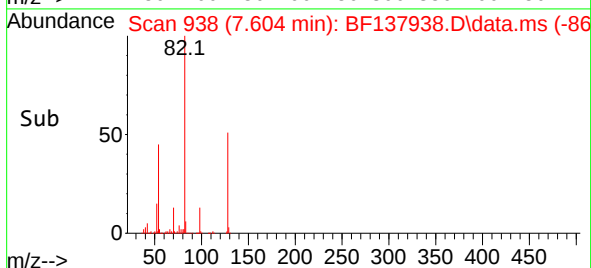


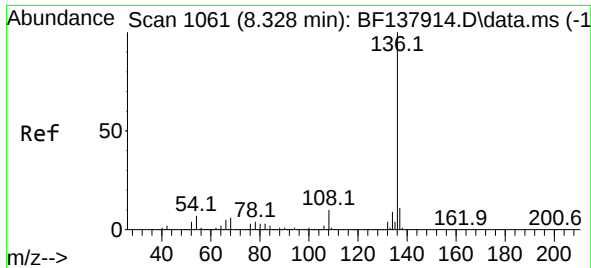
#19
n-Nitroso-di-n-propylamine
Concen: 18.268 ng
RT: 7.604 min Scan# 938
Delta R.T. 0.153 min
Lab File: BF137938.D
Acq: 17 May 2024 18:18



Tgt Ion: 70 Resp: 93125

Ion	Ratio	Lower	Upper
70	100		
42	41.5	42.2	63.4#
101	0.0	8.8	13.2#
130	2.4	19.8	29.8#



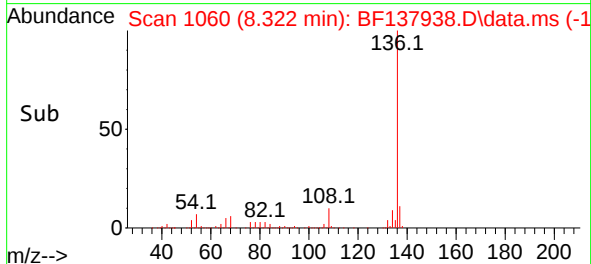
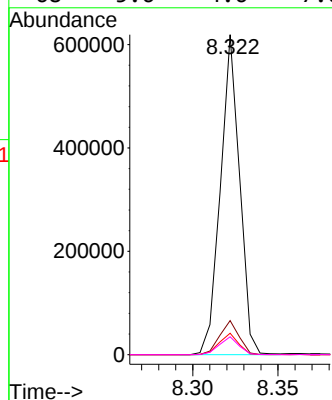
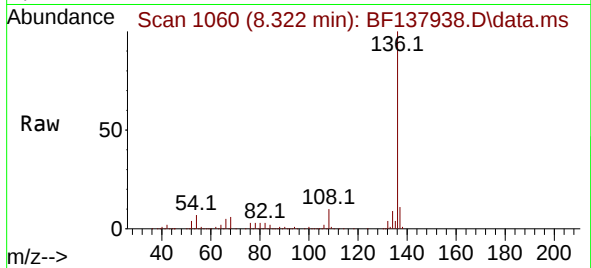


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137938.D
Acq: 17 May 2024 18:18

Instrument :
BNA_F
ClientSampleId :
RT3997

Tgt Ion:136 Resp: 485353

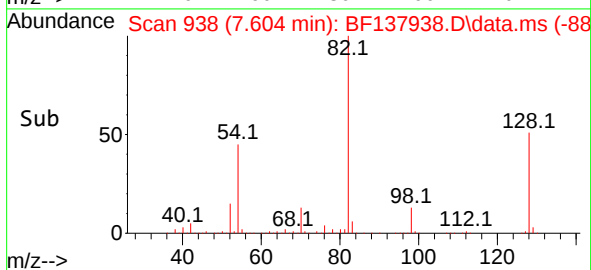
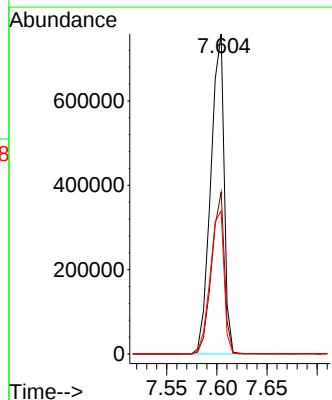
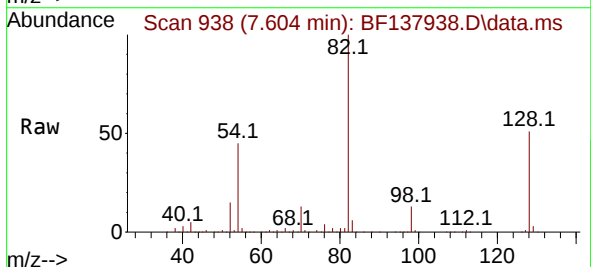
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.7	5.4	8.2
68	5.6	4.6	7.0



#23
Nitrobenzene-d5
Concen: 85.478 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF137938.D
Acq: 17 May 2024 18:18

Tgt Ion: 82 Resp: 704958

Ion	Ratio	Lower	Upper
82	100		
128	50.6	40.3	60.5
54	44.7	36.8	55.2

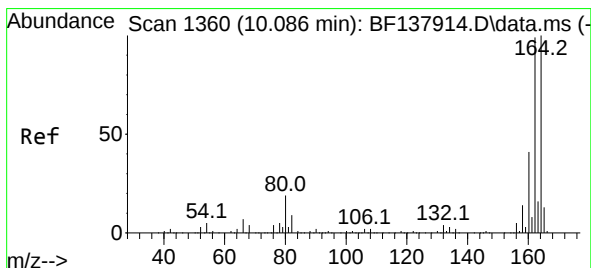
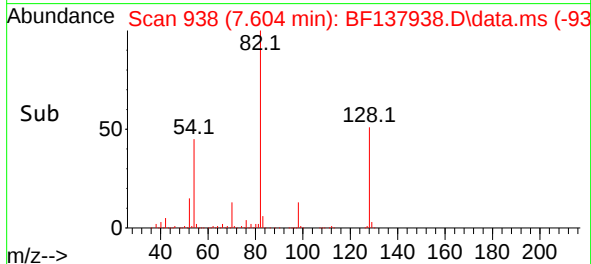
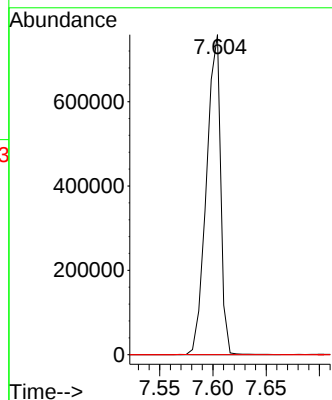
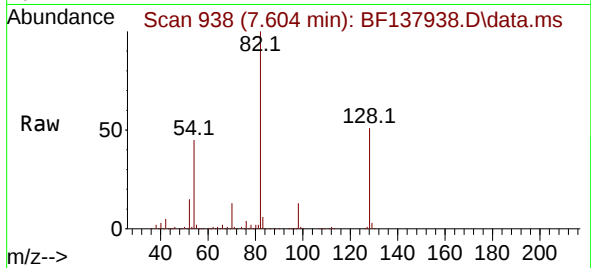




#25
Isophorone
Concen: 49.259 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.253 min
Lab File: BF137938.D
Acq: 17 May 2024 18:18

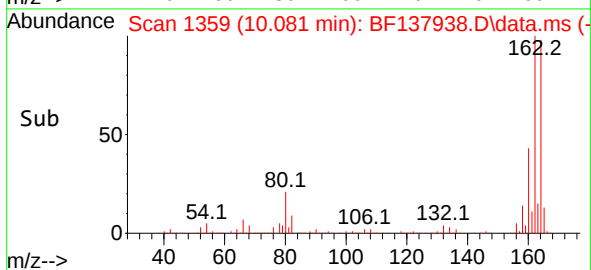
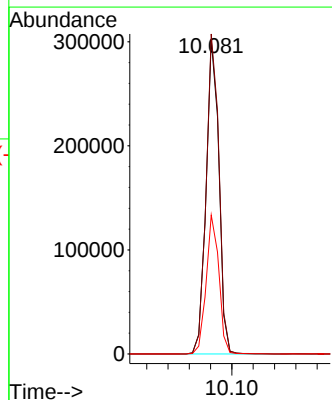
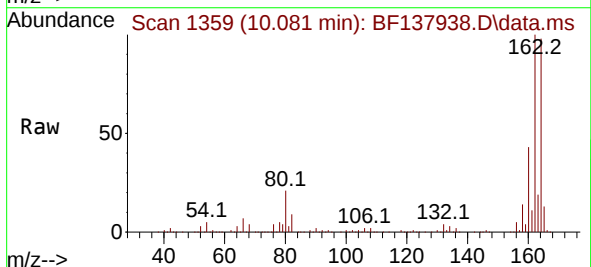
Instrument :
BNA_F
ClientSampleId :
RT3997

Tgt Ion: 82 Resp: 705068
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: BF137938.D
Acq: 17 May 2024 18:18

Tgt Ion:164 Resp: 253614
Ion Ratio Lower Upper
164 100
162 101.8 79.4 119.2
160 44.2 33.1 49.7

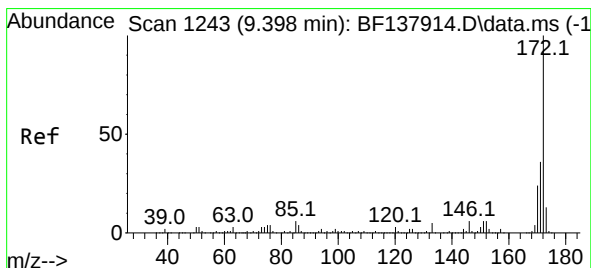
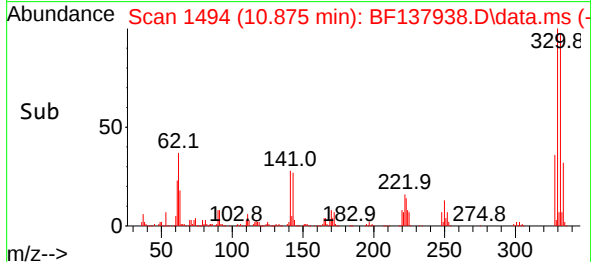
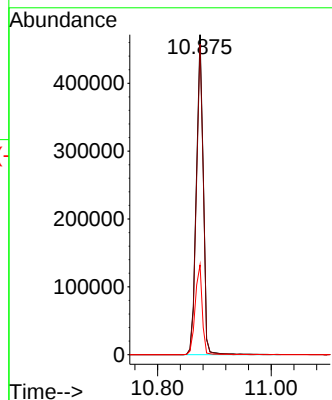
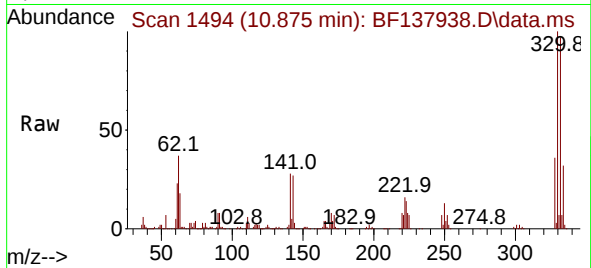




#42
2,4,6-Tribromophenol
Concen: 157.423 ng
RT: 10.875 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF137938.D
Acq: 17 May 2024 18:18

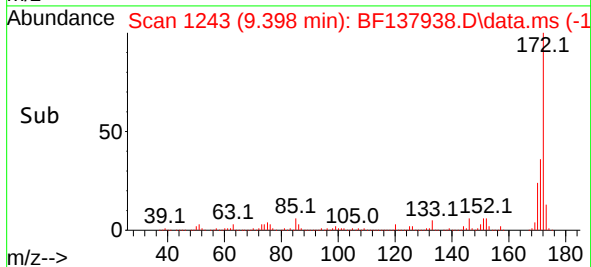
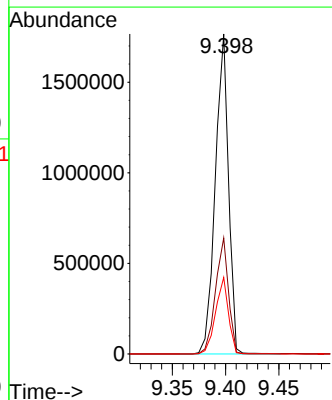
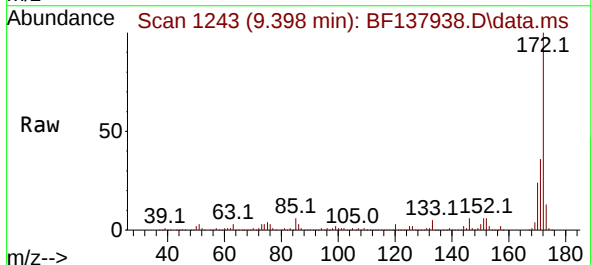
Instrument :
BNA_F
ClientSampleId :
RT3997

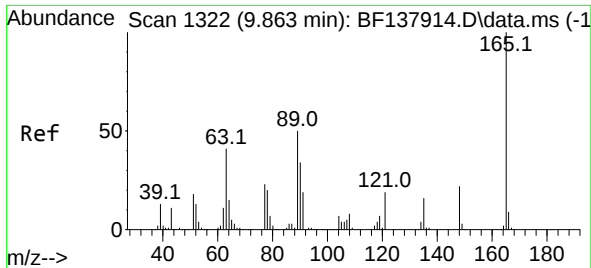
Tgt Ion:330 Resp: 402559
Ion Ratio Lower Upper
330 100
332 96.2 75.8 113.8
141 28.4 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 92.270 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF137938.D
Acq: 17 May 2024 18:18

Tgt Ion:172 Resp: 1519161
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 23.9 18.9 28.3

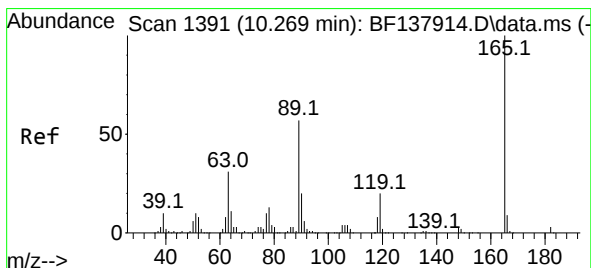
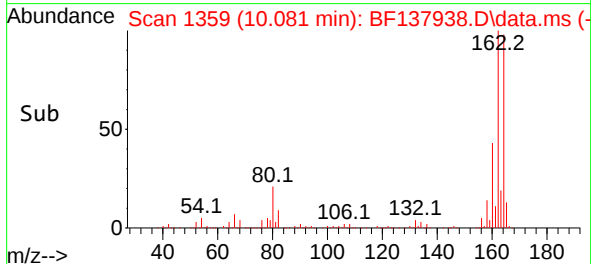
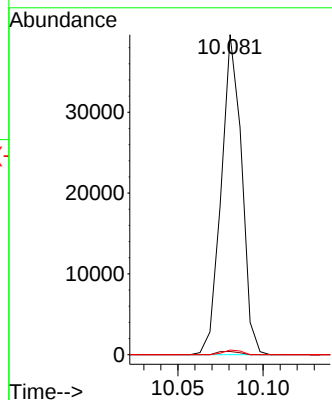
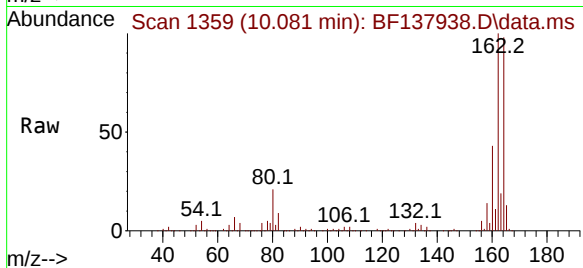




#51
2,6-Dinitrotoluene
Concen: 9.038 ng
RT: 10.081 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF137938.D
Acq: 17 May 2024 18:18

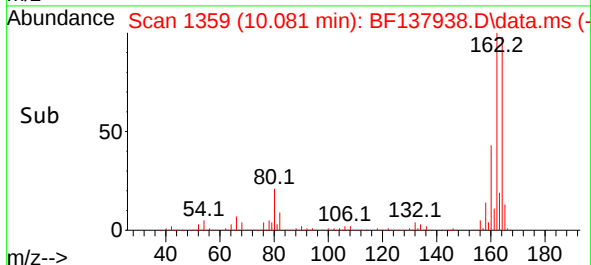
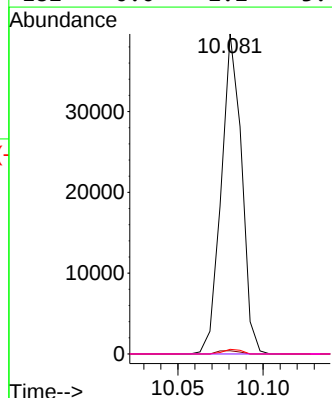
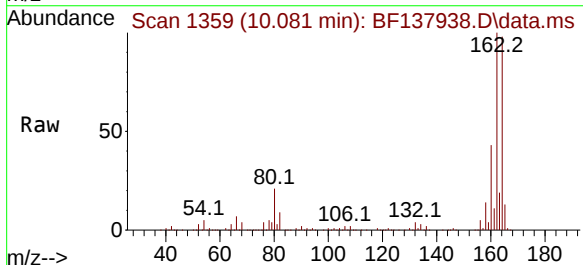
Instrument :
BNA_F
ClientSampleId :
RT3997

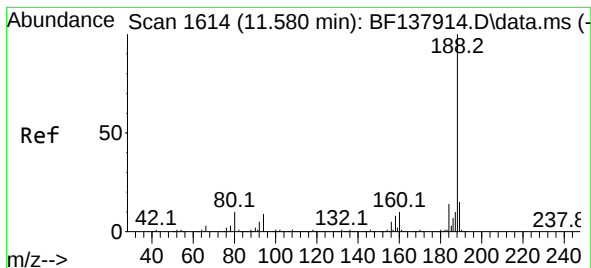
Tgt Ion:165 Resp: 32988
Ion Ratio Lower Upper
165 100
63 1.0 38.9 58.3#
89 1.5 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.991 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137938.D
Acq: 17 May 2024 18:18

Tgt Ion:165 Resp: 32988
Ion Ratio Lower Upper
165 100
63 1.0 25.3 37.9#
89 1.5 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: BF137938.D

Acq: 17 May 2024 18:18

Instrument :

BNA_F

ClientSampleId :

RT3997

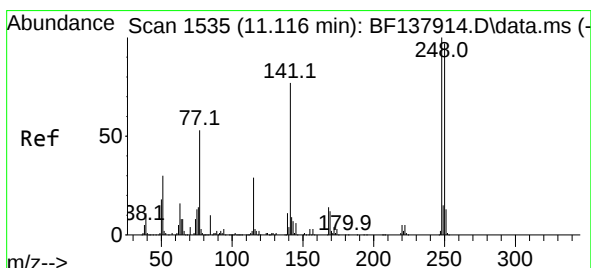
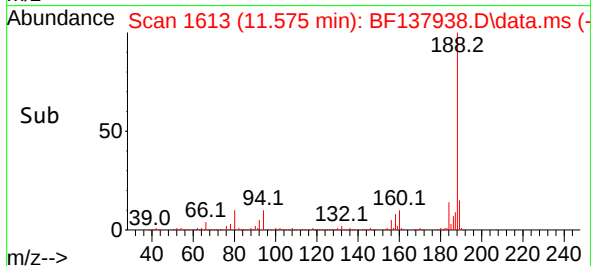
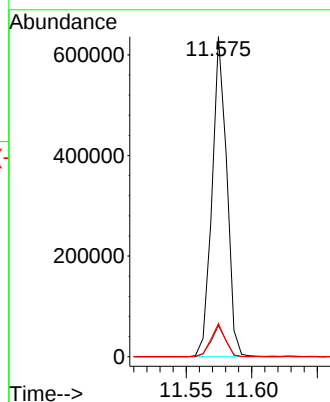
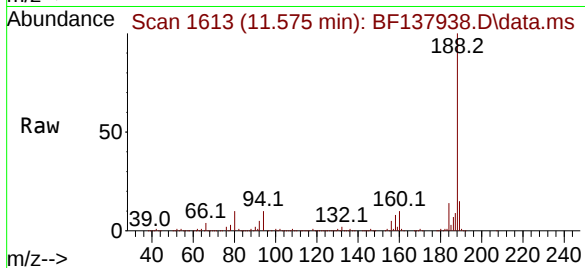
Tgt Ion:188 Resp: 496166

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.4

80 10.4 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.804 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF137938.D

Acq: 17 May 2024 18:18

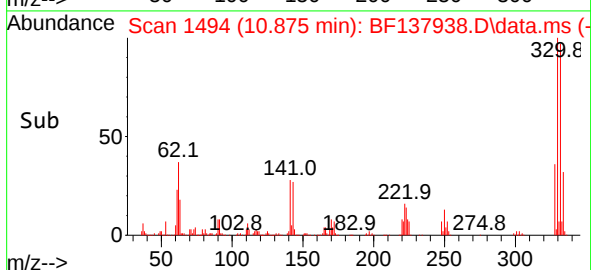
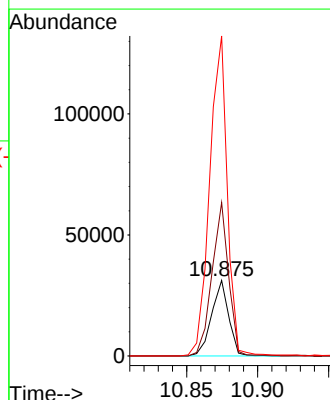
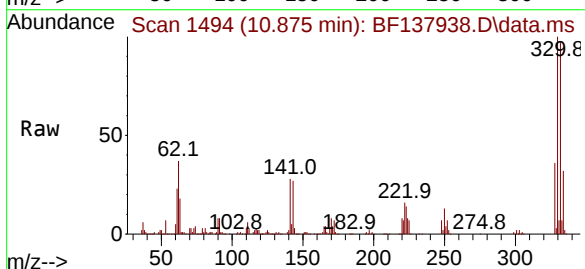
Tgt Ion:248 Resp: 26131

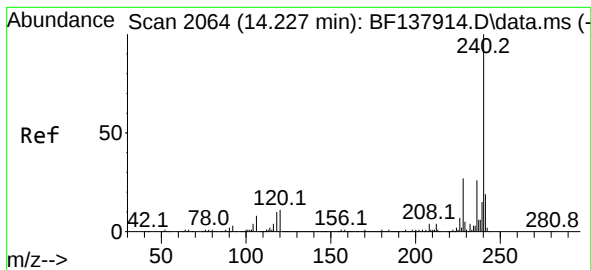
Ion Ratio Lower Upper

248 100

250 203.4 77.6 116.4#

141 423.9 61.4 92.2#

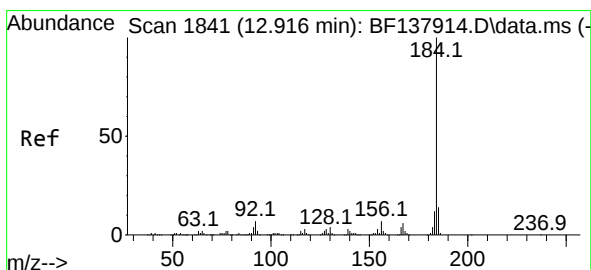
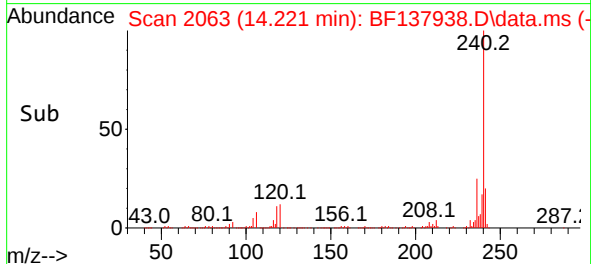
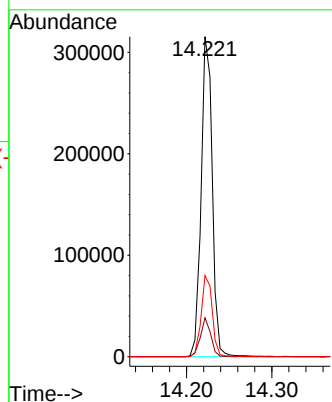
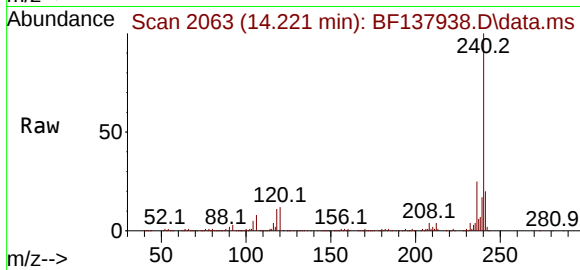




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137938.D
Acq: 17 May 2024 18:18

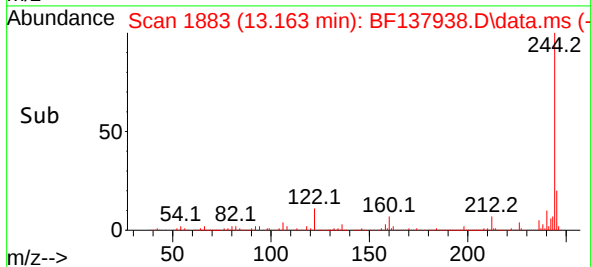
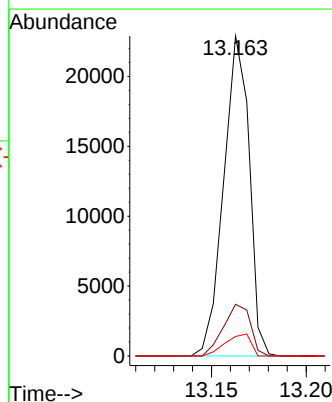
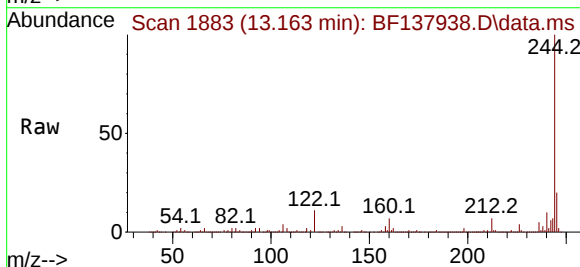
Instrument :
BNA_F
ClientSampleId :
RT3997

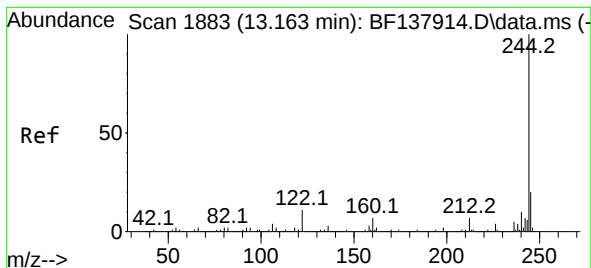
Tgt Ion:240 Resp: 286148
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 25.4 21.0 31.4



#77
Benzidine
Concen: 5.742 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.247 min
Lab File: BF137938.D
Acq: 17 May 2024 18:18

Tgt Ion:184 Resp: 21473
Ion Ratio Lower Upper
184 100
185 16.2 11.4 17.2
183 6.1 9.5 14.3#





#79

Terphenyl-d14

Concen: 92.461 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BF137938.D

Acq: 17 May 2024 18:18

Instrument :

BNA_F

ClientSampleId :

RT3997

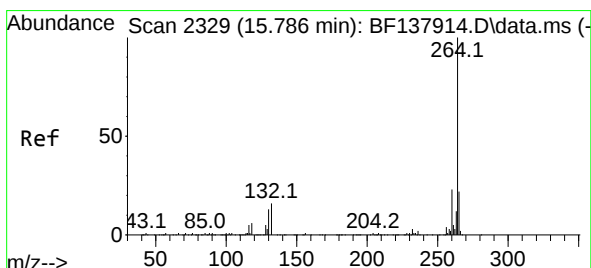
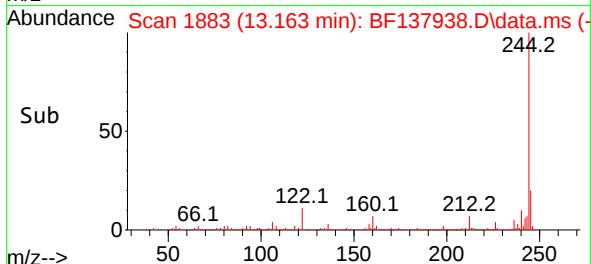
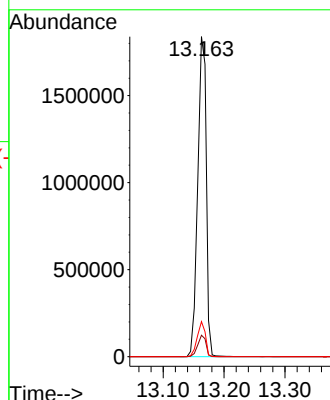
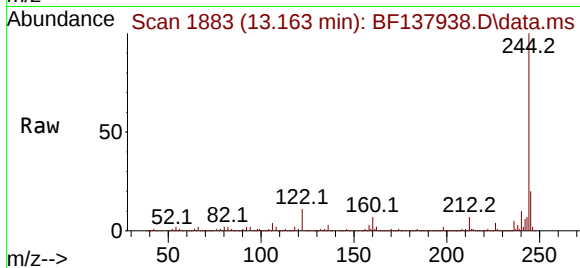
Tgt Ion:244 Resp: 1795187

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.9 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: BF137938.D

Acq: 17 May 2024 18:18

Tgt Ion:264 Resp: 189979

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 20.9 17.6 26.4

