

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
 Data File : BF137958.D
 Acq On : 20 May 2024 13:59
 Operator : CG\JU
 Sample : P2518-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-LL

Quant Time: May 20 14:34:52 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)

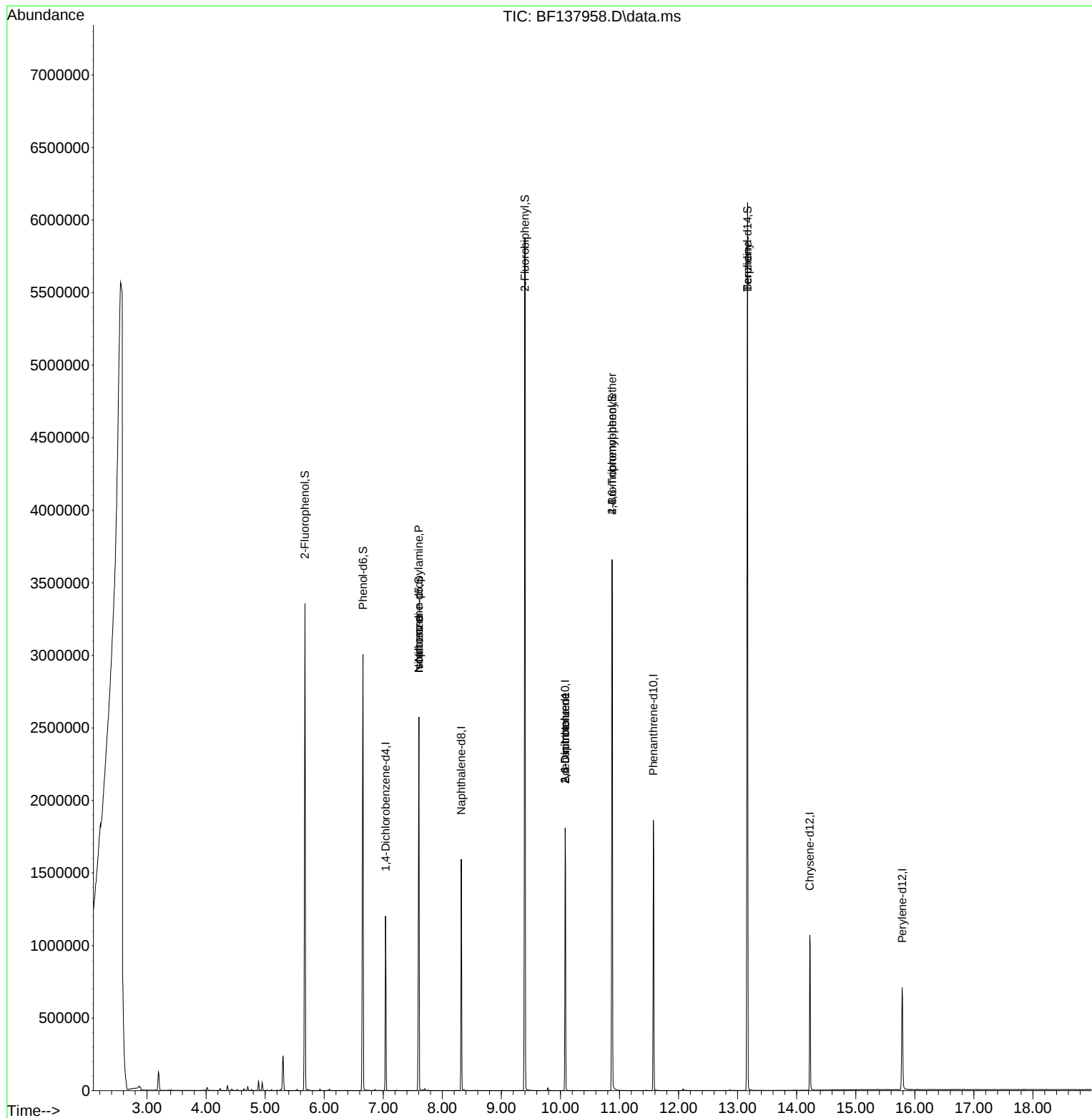
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	169018	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	659100	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	386625	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	694082	20.000	ng	0.00
76) Chrysene-d12	14.221	240	372696	20.000	ng	0.00
86) Perylene-d12	15.786	264	361409	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1013275	101.835	ng	0.01
7) Phenol-d6	6.657	99	1167127	95.221	ng	0.00
23) Nitrobenzene-d5	7.604	82	832750	74.355	ng	0.00
42) 2,4,6-Tribromophenol	10.875	330	508592	130.464	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1862821	74.218	ng	0.00
79) Terphenyl-d14	13.169	244	2279159	90.128	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.604	70	108434	15.746	ng	# 75
25) Isophorone	7.604	82	832741	42.842	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	48761	8.763	ng	# 29
57) 2,4-Dinitrotoluene	10.081	165	48761	6.778	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	32829	4.314	ng	# 1
77) Benzidine	13.169	184	27696	5.686	ng	# 92

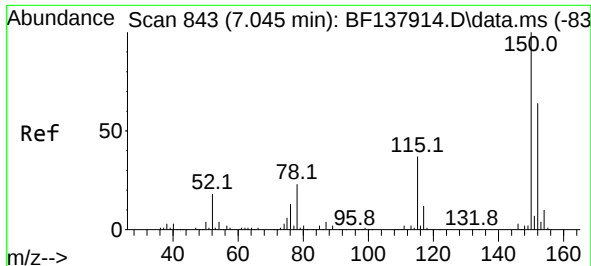
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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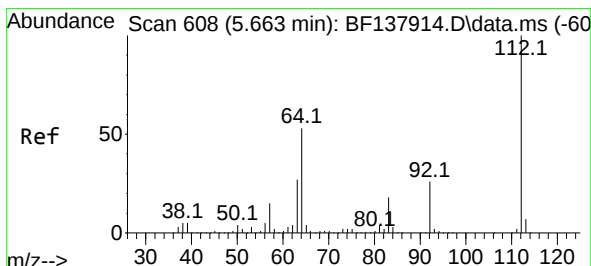
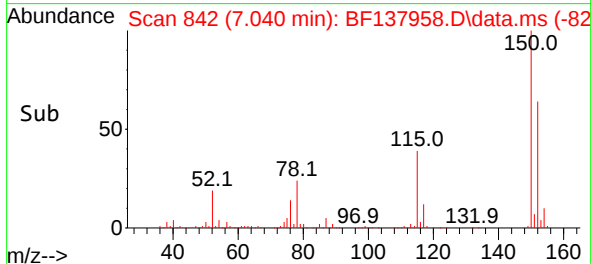
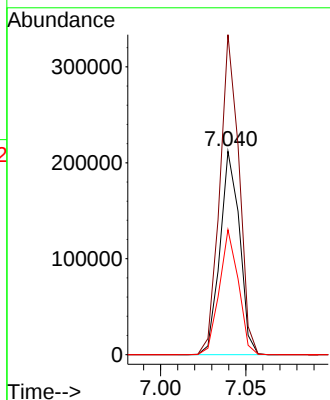
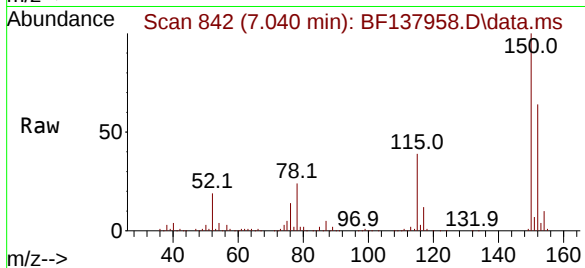




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF137958.D
Acq: 20 May 2024 13:59

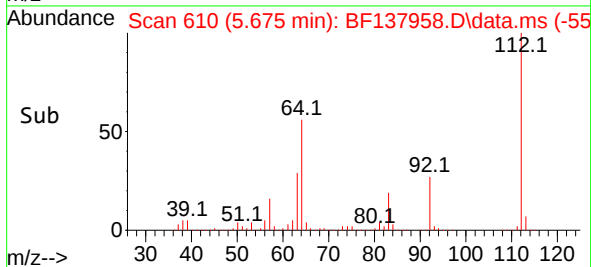
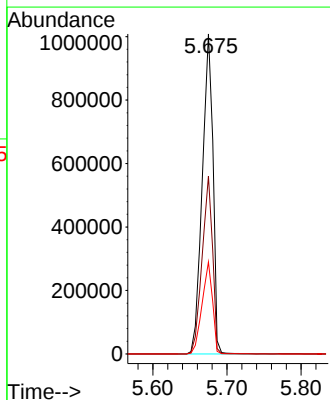
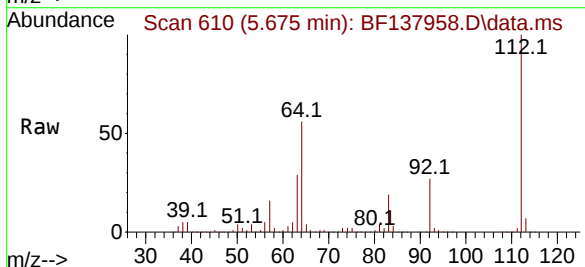
Instrument :
BNA_F
ClientSampleId :
WC-MH-LL

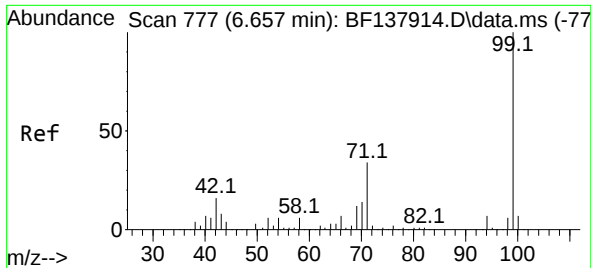
Tgt Ion:152 Resp: 169018
Ion Ratio Lower Upper
152 100
150 157.3 125.7 188.5
115 61.4 47.0 70.6



#5
2-Fluorophenol
Concen: 101.835 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137958.D
Acq: 20 May 2024 13:59

Tgt Ion:112 Resp: 1013275
Ion Ratio Lower Upper
112 100
64 55.6 42.4 63.6
63 28.8 21.4 32.2

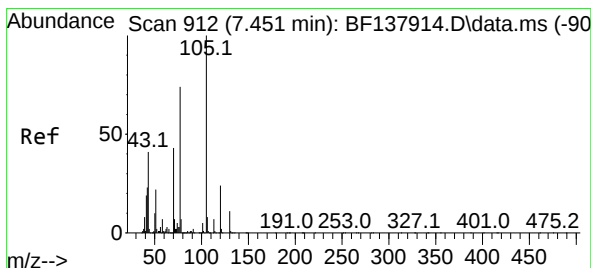
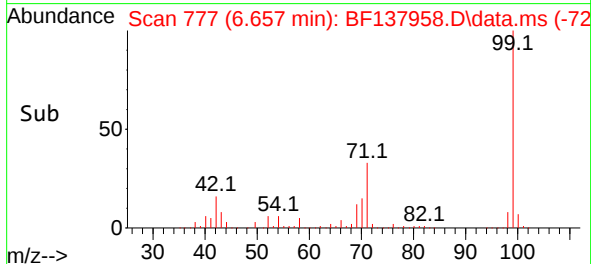
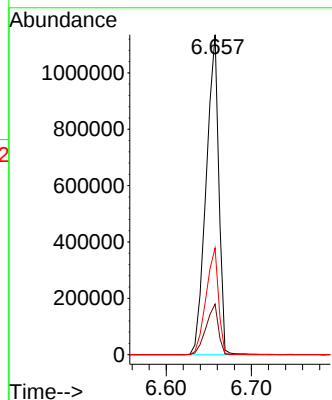
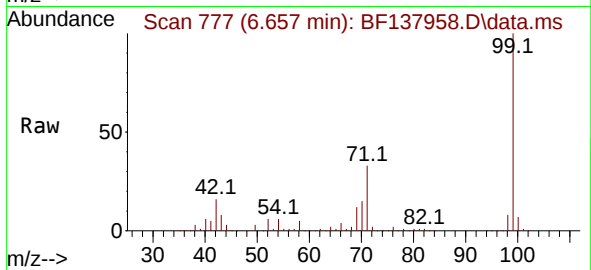




#7
Phenol-d6
Concen: 95.221 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137958.D
Acq: 20 May 2024 13:59

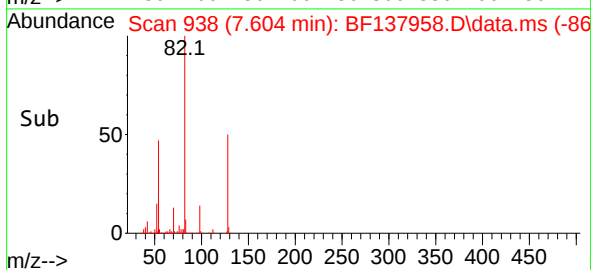
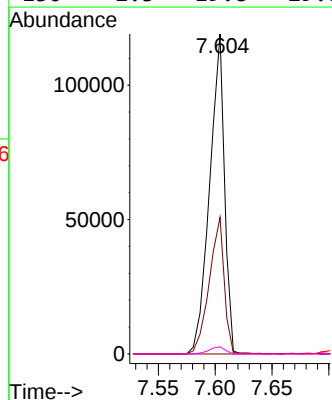
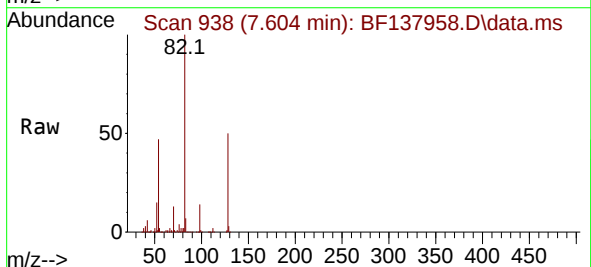
Instrument :
BNA_F
ClientSampleId :
WC-MH-LL

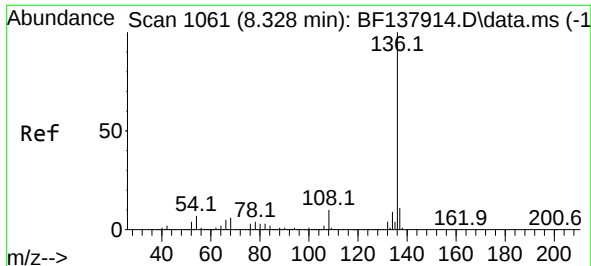
Tgt Ion: 99 Resp: 1167127
Ion Ratio Lower Upper
99 100
42 15.8 12.6 18.8
71 33.4 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.746 ng
RT: 7.604 min Scan# 938
Delta R.T. 0.153 min
Lab File: BF137958.D
Acq: 20 May 2024 13:59

Tgt Ion: 70 Resp: 108434
Ion Ratio Lower Upper
70 100
42 42.7 42.2 63.4
101 0.0 8.8 13.2#
130 2.3 19.8 29.8#



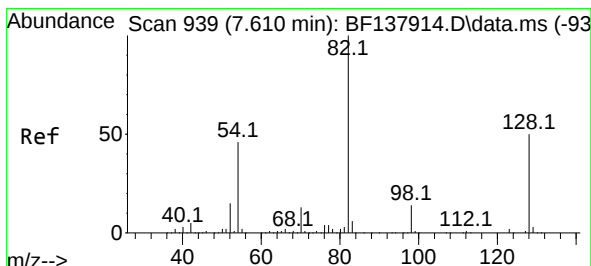
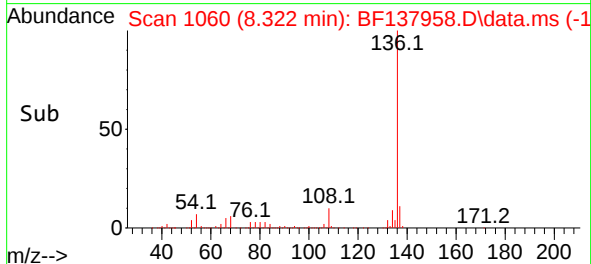
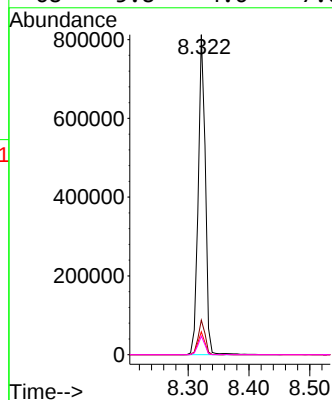
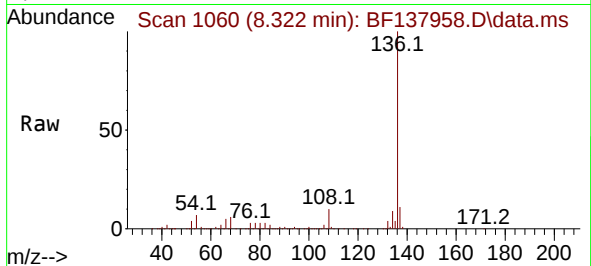


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137958.D
Acq: 20 May 2024 13:59

Instrument :
BNA_F
ClientSampleId :
WC-MH-LL

Tgt Ion:136 Resp: 659100

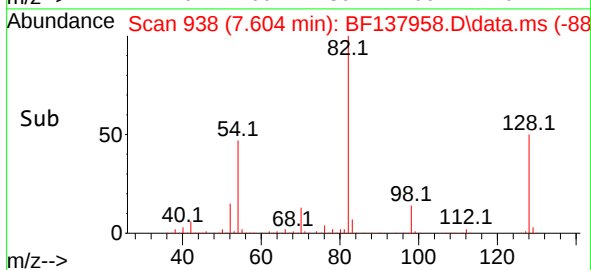
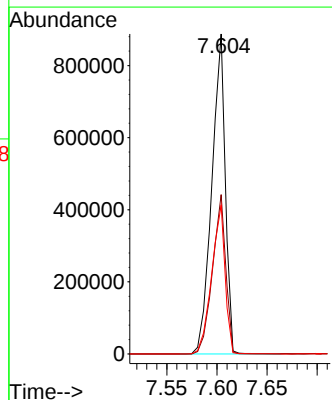
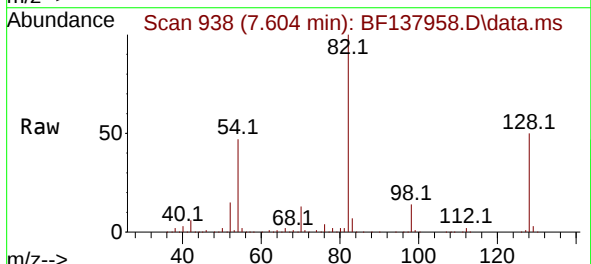
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.1	5.4	8.2
68	5.8	4.6	7.0

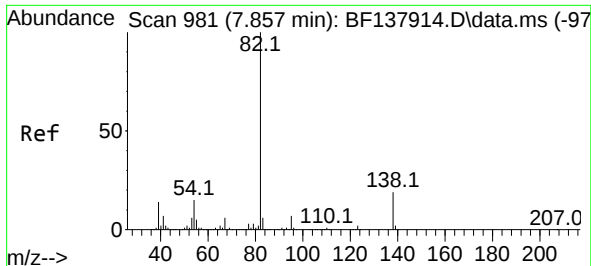


#23
Nitrobenzene-d5
Concen: 74.355 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF137958.D
Acq: 20 May 2024 13:59

Tgt Ion: 82 Resp: 832750

Ion	Ratio	Lower	Upper
82	100		
128	49.8	40.3	60.5
54	46.5	36.8	55.2

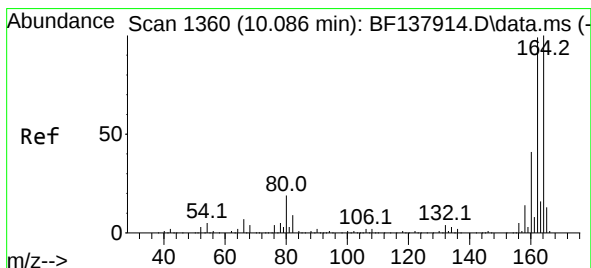
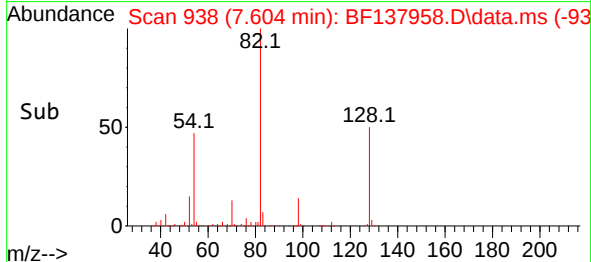
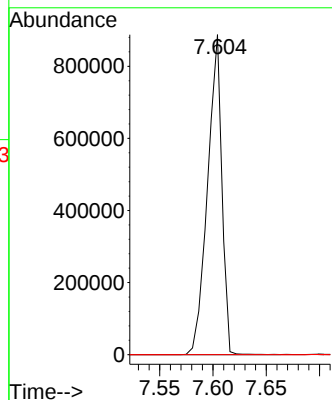
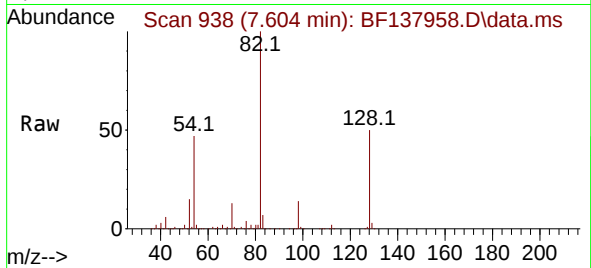




#25
Isophorone
Concen: 42.842 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.253 min
Lab File: BF137958.D
Acq: 20 May 2024 13:59

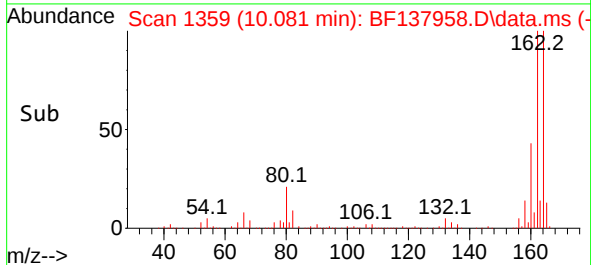
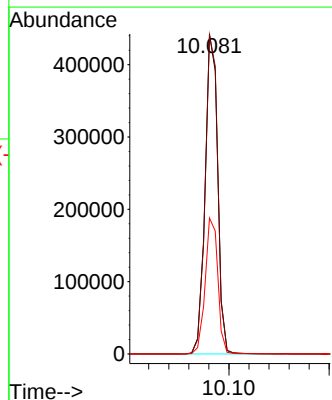
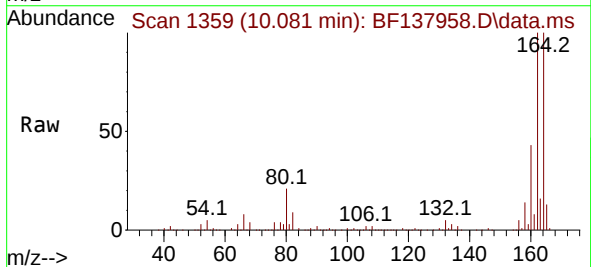
Instrument :
BNA_F
ClientSampleId :
WC-MH-LL

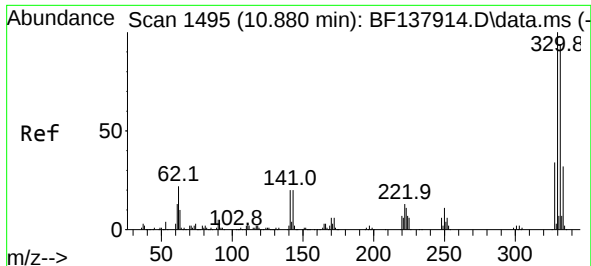
Tgt Ion: 82 Resp: 832741
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF137958.D
Acq: 20 May 2024 13:59

Tgt Ion:164 Resp: 386625
Ion Ratio Lower Upper
164 100
162 99.6 79.4 119.2
160 42.5 33.1 49.7

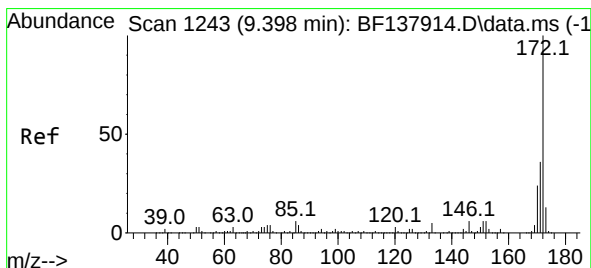
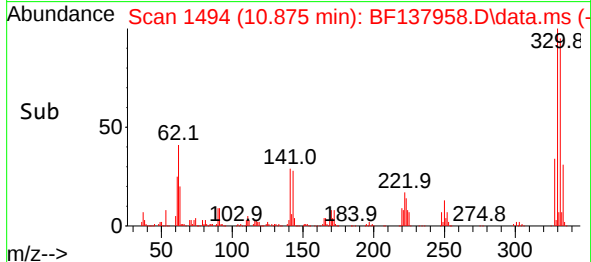
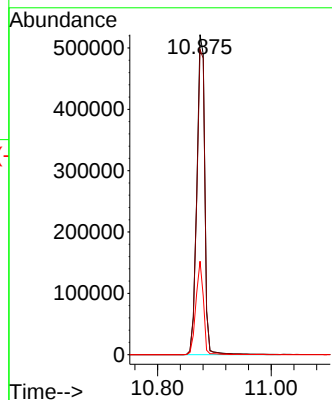
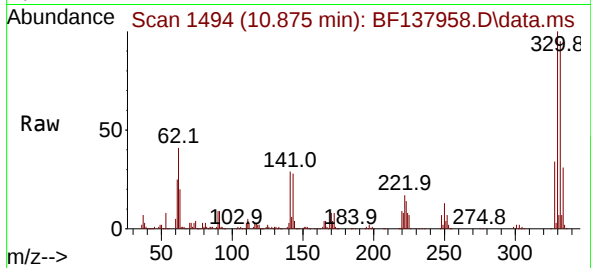




#42
2,4,6-Tribromophenol
Concen: 130.464 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137958.D
Acq: 20 May 2024 13:59

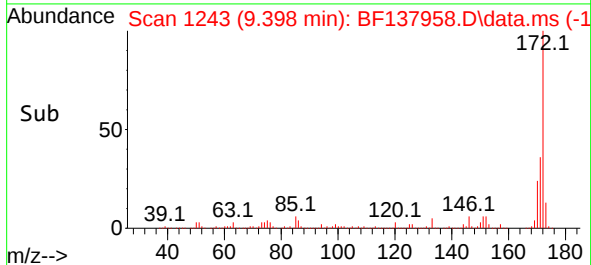
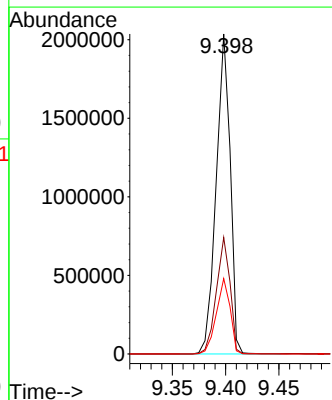
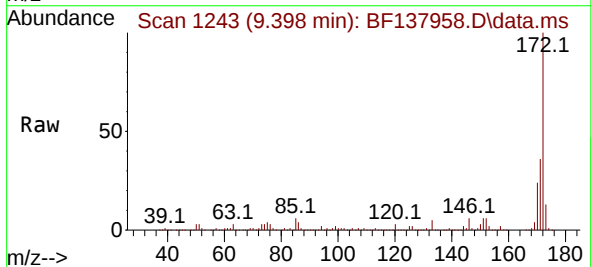
Instrument :
BNA_F
ClientSampleId :
WC-MH-LL

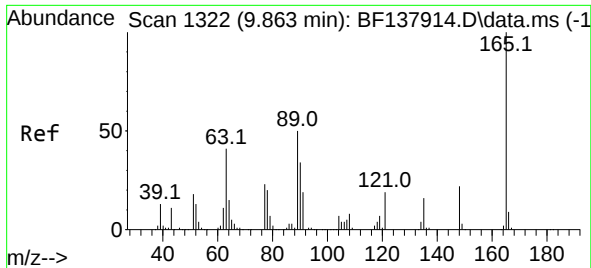
Tgt Ion:330 Resp: 508592
Ion Ratio Lower Upper
330 100
332 97.0 75.8 113.8
141 27.6 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 74.218 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF137958.D
Acq: 20 May 2024 13:59

Tgt Ion:172 Resp: 1862821
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 23.6 18.9 28.3

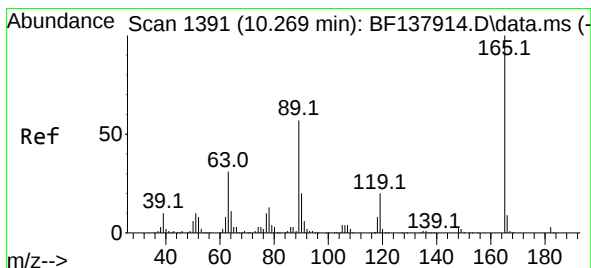
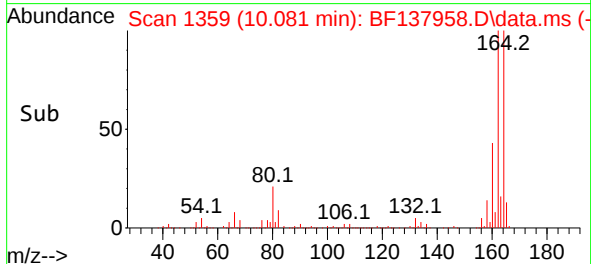
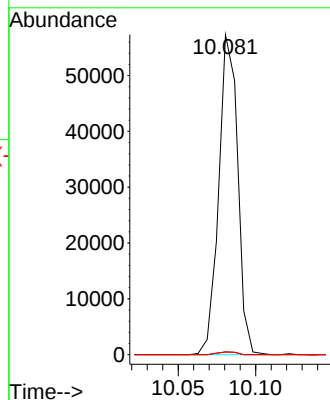
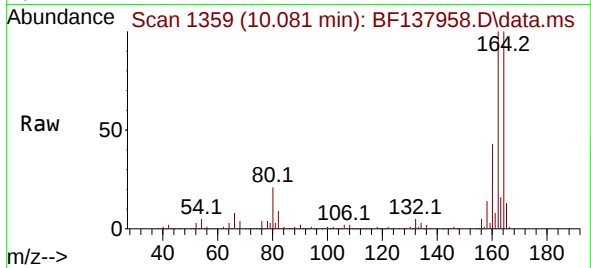




#51
2,6-Dinitrotoluene
Concen: 8.763 ng
RT: 10.081 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF137958.D
Acq: 20 May 2024 13:59

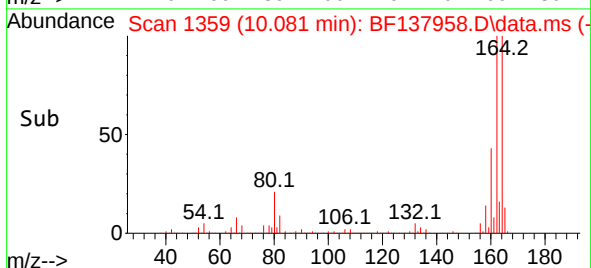
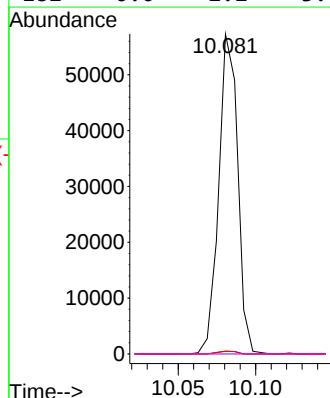
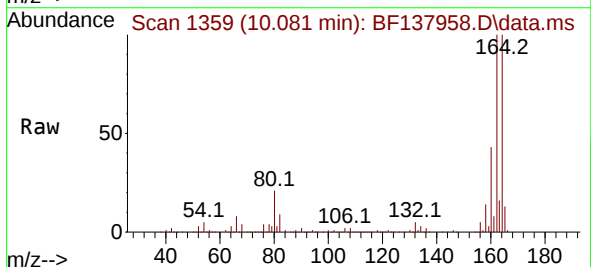
Instrument :
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WC-MH-LL

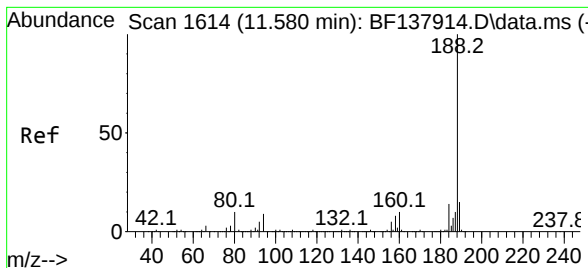
Tgt Ion:165 Resp: 48761
Ion Ratio Lower Upper
165 100
63 0.9 38.9 58.3#
89 0.8 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.778 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137958.D
Acq: 20 May 2024 13:59

Tgt Ion:165 Resp: 48761
Ion Ratio Lower Upper
165 100
63 0.9 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: BF137958.D

Acq: 20 May 2024 13:59

Instrument :

BNA_F

ClientSampleId :

WC-MH-LL

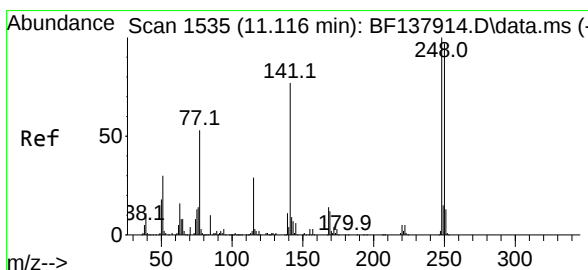
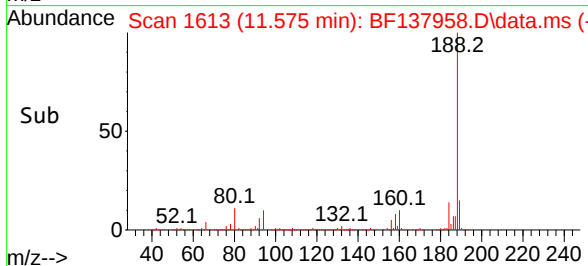
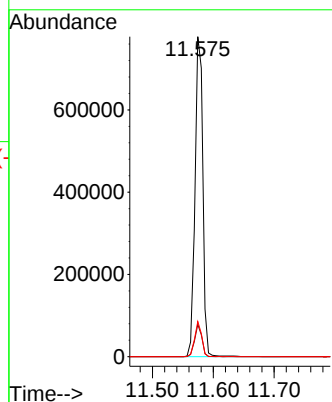
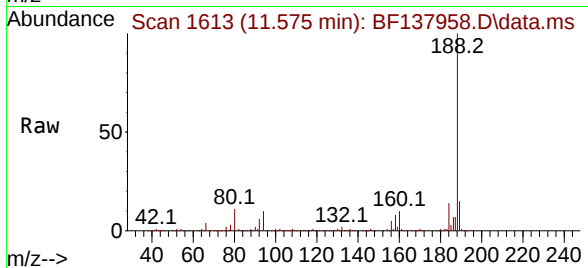
Tgt Ion:188 Resp: 694082

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.4

80 11.0 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.314 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF137958.D

Acq: 20 May 2024 13:59

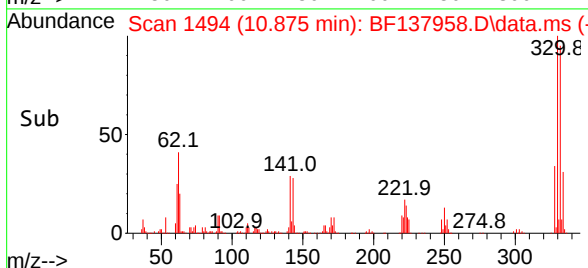
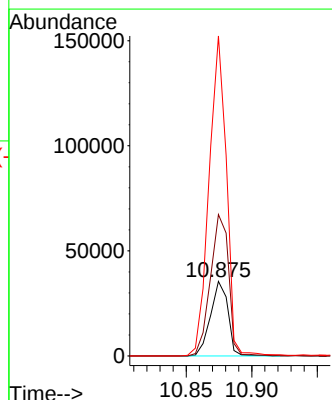
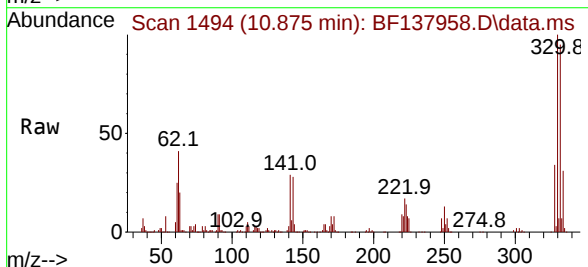
Tgt Ion:248 Resp: 32829

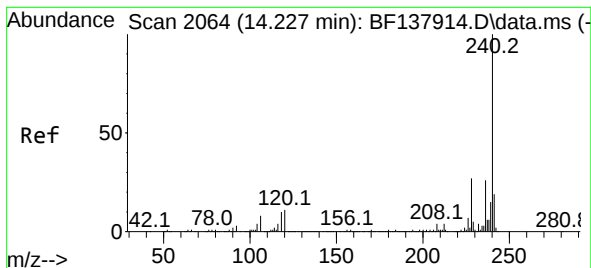
Ion Ratio Lower Upper

248 100

250 189.8 77.6 116.4#

141 429.4 61.4 92.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.221 min Scan# 2064

Delta R.T. -0.006 min

Lab File: BF137958.D

Acq: 20 May 2024 13:59

Instrument :

BNA_F

ClientSampleId :

WC-MH-LL

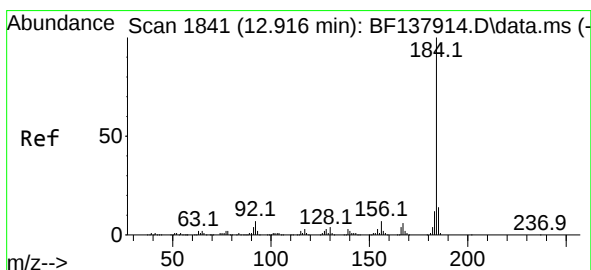
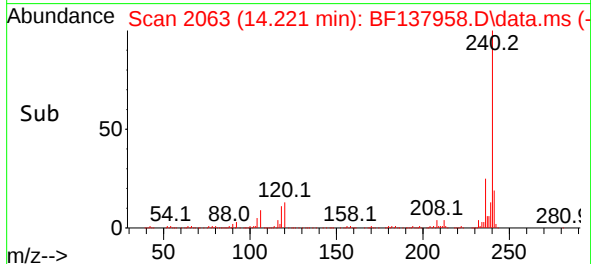
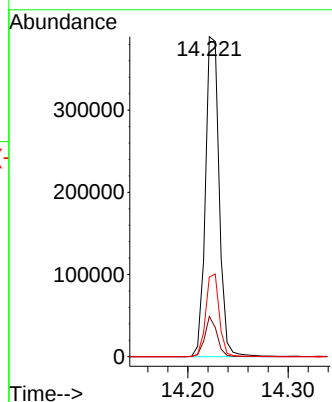
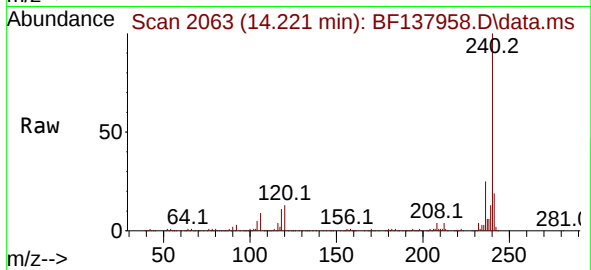
Tgt Ion:240 Resp: 372696

Ion Ratio Lower Upper

240 100

120 12.6 8.9 13.3

236 24.9 21.0 31.4



#77

Benzidine

Concen: 5.686 ng

RT: 13.169 min Scan# 1884

Delta R.T. 0.253 min

Lab File: BF137958.D

Acq: 20 May 2024 13:59

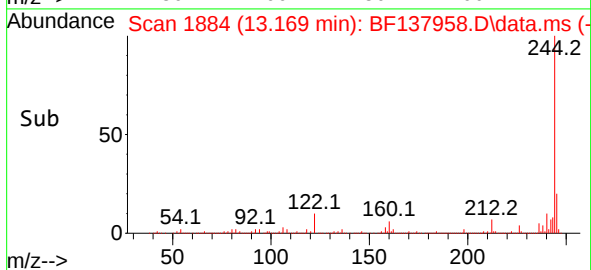
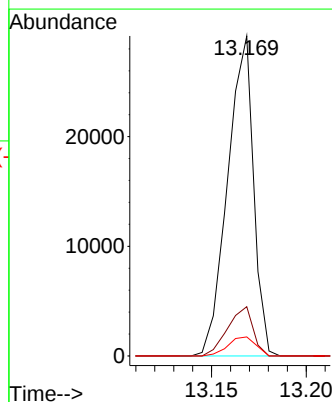
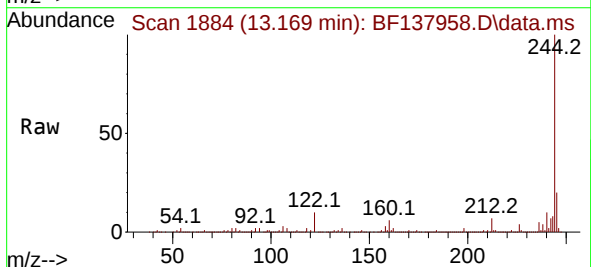
Tgt Ion:184 Resp: 27696

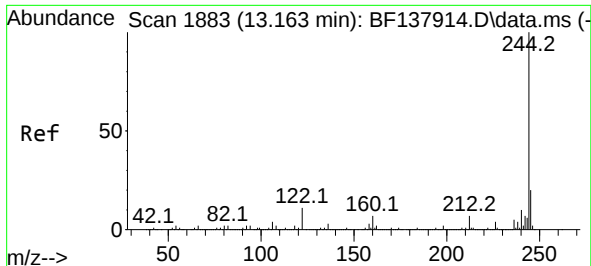
Ion Ratio Lower Upper

184 100

185 15.4 11.4 17.2

183 6.0 9.5 14.3#

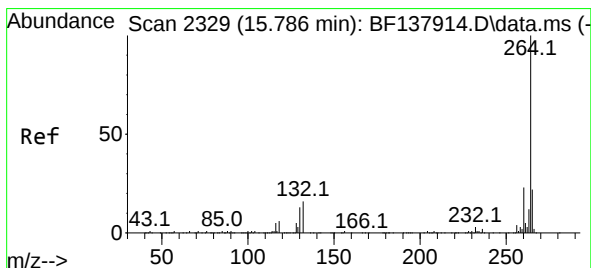
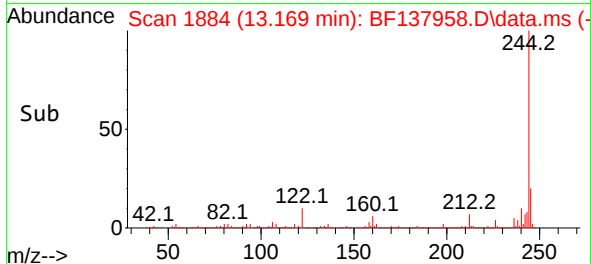
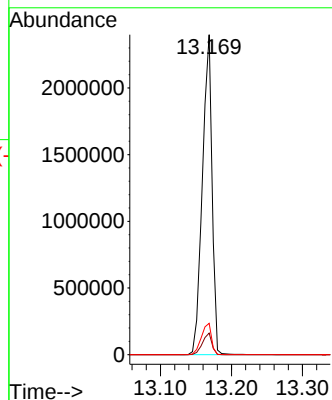
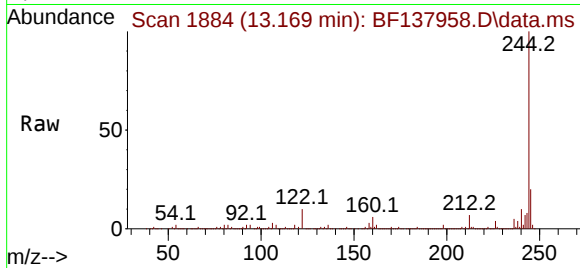




#79
 Terphenyl-d14
 Concen: 90.128 ng
 RT: 13.169 min Scan# 1883
 Delta R.T. 0.006 min
 Lab File: BF137958.D
 Acq: 20 May 2024 13:59

Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-LL

Tgt Ion:244 Resp: 2279159
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 9.8 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: BF137958.D
 Acq: 20 May 2024 13:59

Tgt Ion:264 Resp: 361409
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.3 27.5
 265 21.4 17.6 26.4

