

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138003.D
 Acq On : 22 May 2024 14:19
 Operator : CG\JU
 Sample : P2525-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-AA

Quant Time: May 22 14:41:58 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)

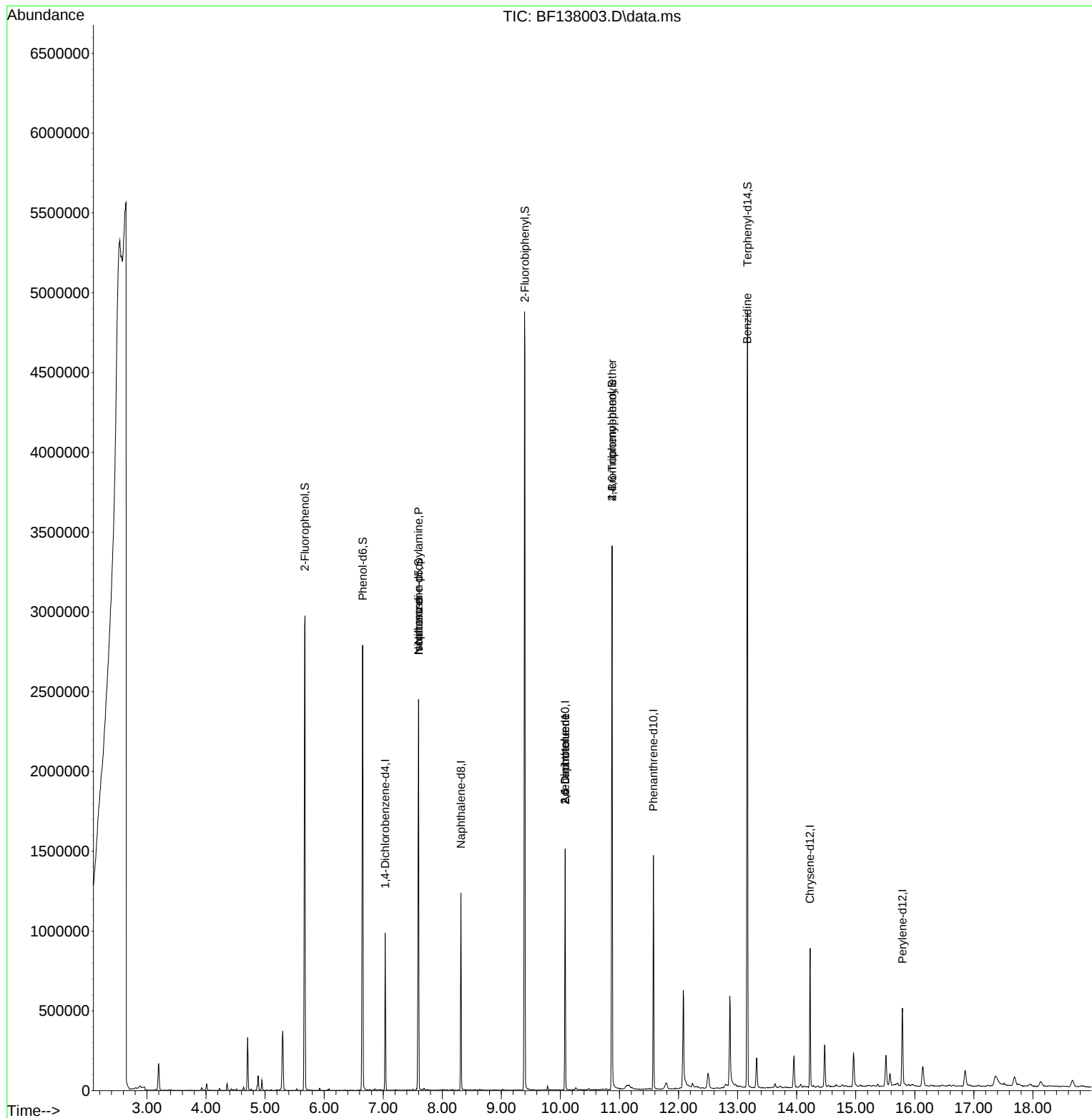
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	131089	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	502869	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	286207	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	498132	20.000	ng	0.00
76) Chrysene-d12	14.227	240	284526	20.000	ng	0.00
86) Perylene-d12	15.792	264	242770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	984218	127.534	ng	0.01
7) Phenol-d6	6.651	99	1121968	118.022	ng	0.00
23) Nitrobenzene-d5	7.598	82	782172	91.537	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	458024	158.715	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1692290	91.080	ng	0.00
79) Terphenyl-d14	13.169	244	1833685	94.982	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.598	70	104516	19.569	ng	# 73
25) Isophorone	7.598	82	782160	52.741	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	37271	9.048	ng	# 29
57) 2,4-Dinitrotoluene	10.081	165	37271	6.999	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	29653	5.430	ng	# 1
77) Benzidine	13.163	184	22521	6.057	ng	# 93

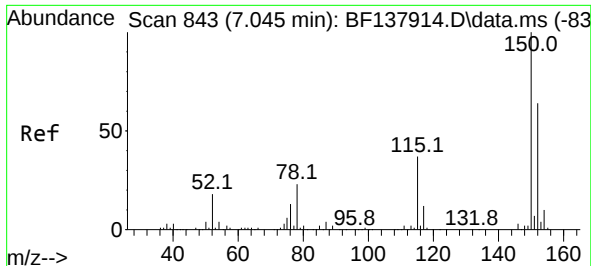
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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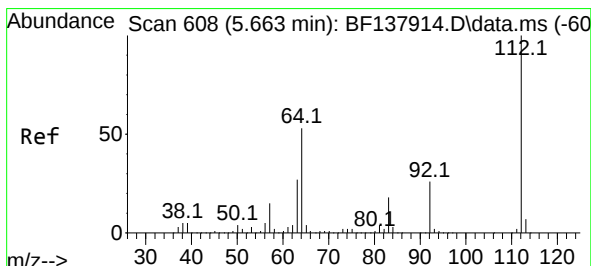
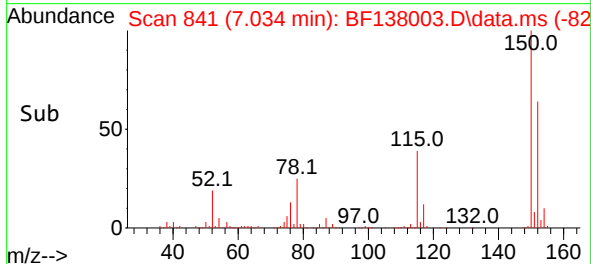
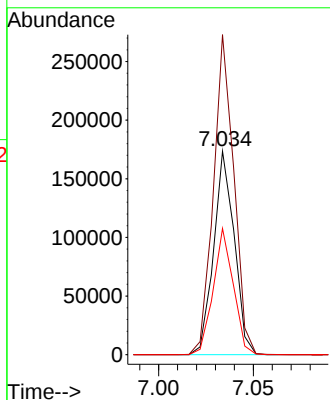
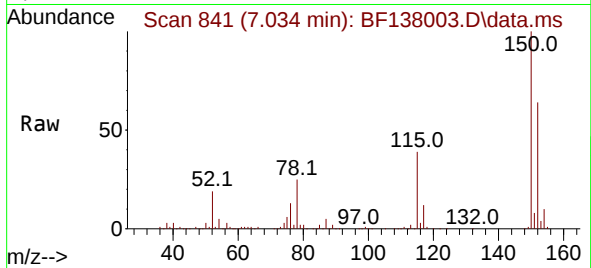




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138003.D
Acq: 22 May 2024 14:19

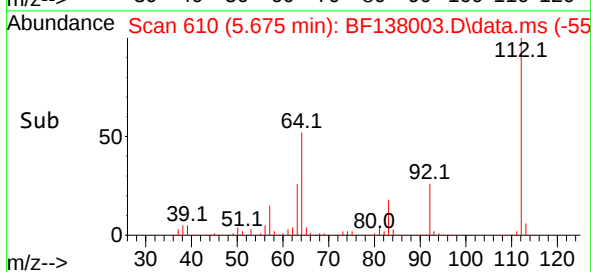
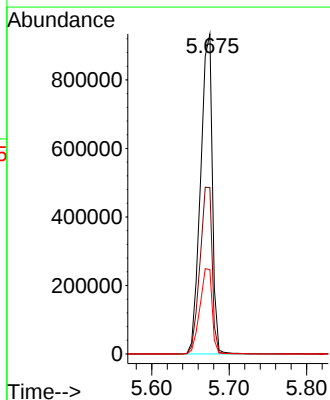
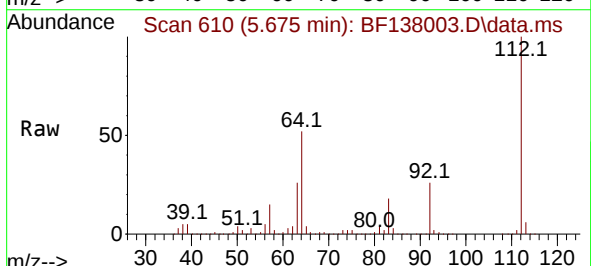
Instrument :
BNA_F
ClientSampleId :
WC-MH-AA

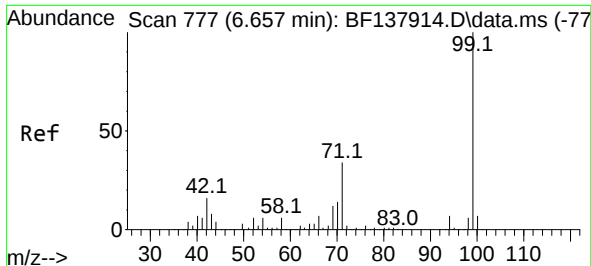
Tgt Ion:152 Resp: 131089
Ion Ratio Lower Upper
152 100
150 157.2 125.7 188.5
115 62.0 47.0 70.6



#5
2-Fluorophenol
Concen: 127.534 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138003.D
Acq: 22 May 2024 14:19

Tgt Ion:112 Resp: 984218
Ion Ratio Lower Upper
112 100
64 52.0 42.4 63.6
63 26.4 21.4 32.2

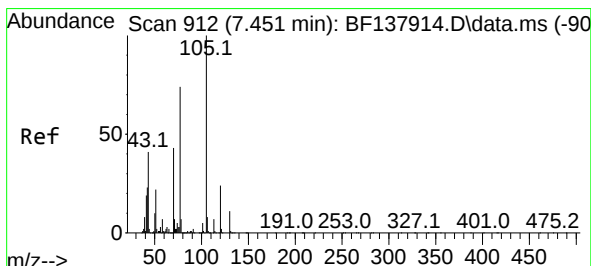
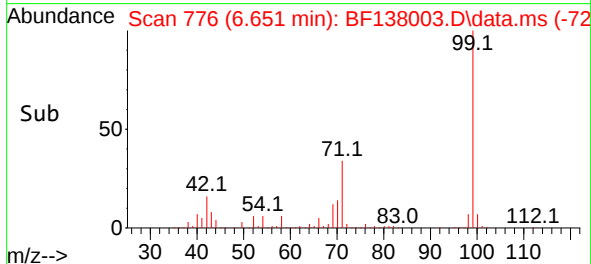
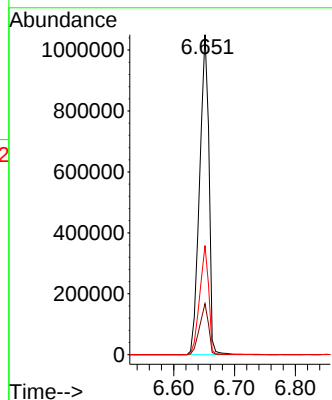
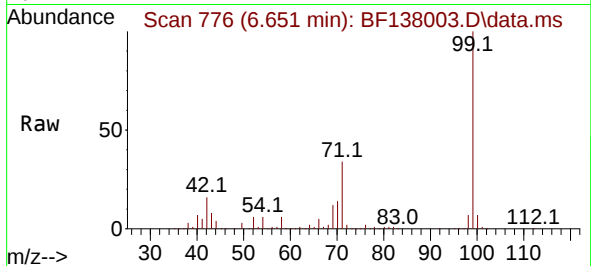




#7
Phenol-d6
Concen: 118.022 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138003.D
Acq: 22 May 2024 14:19

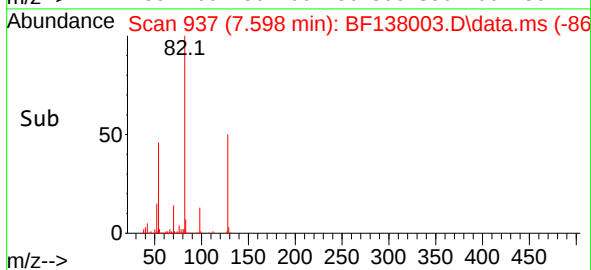
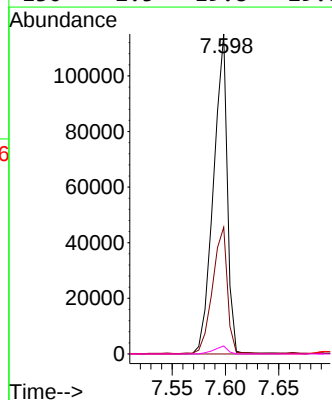
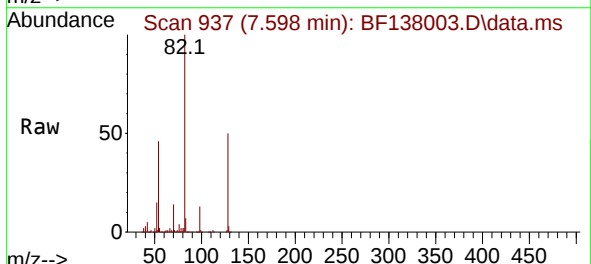
Instrument :
BNA_F
ClientSampleId :
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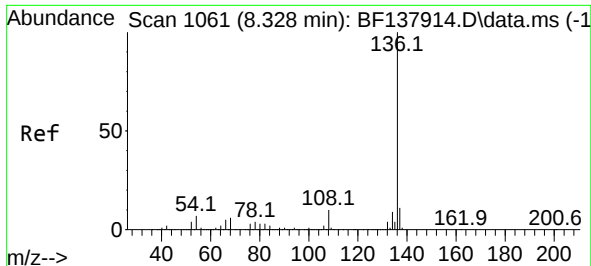
Tgt Ion: 99 Resp: 1121968
Ion Ratio Lower Upper
99 100
42 15.9 12.6 18.8
71 34.1 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.569 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF138003.D
Acq: 22 May 2024 14:19

Tgt Ion: 70 Resp: 104516
Ion Ratio Lower Upper
70 100
42 39.6 42.2 63.4#
101 0.0 8.8 13.2#
130 2.5 19.8 29.8#

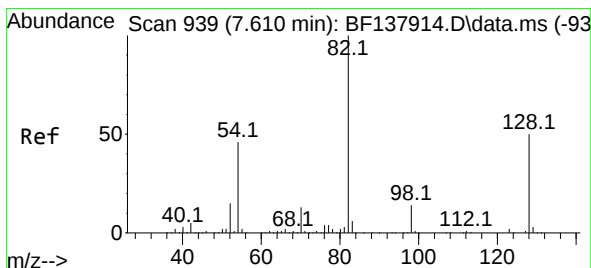
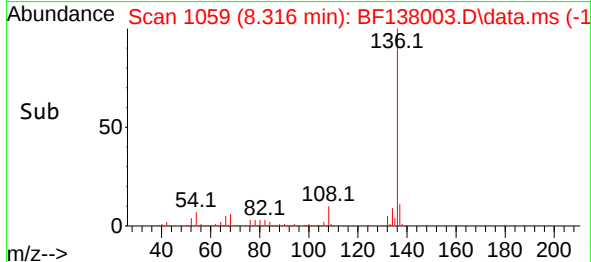
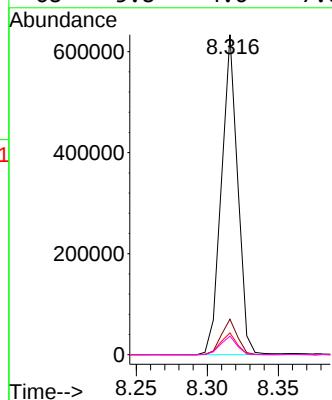
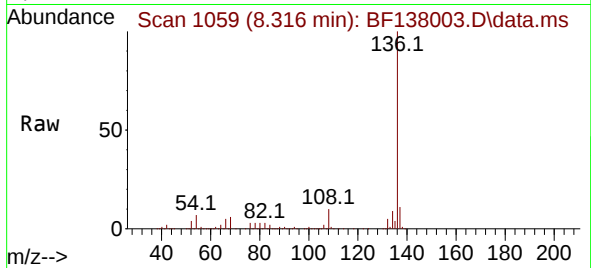




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138003.D
Acq: 22 May 2024 14:19

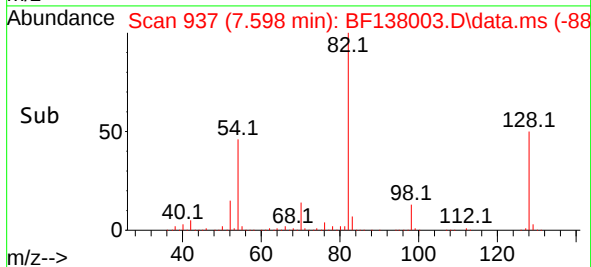
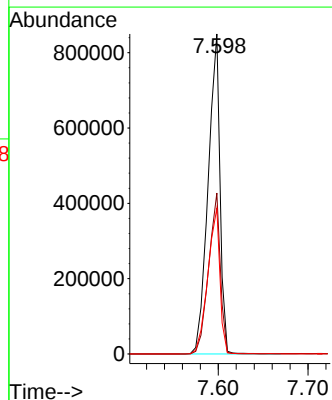
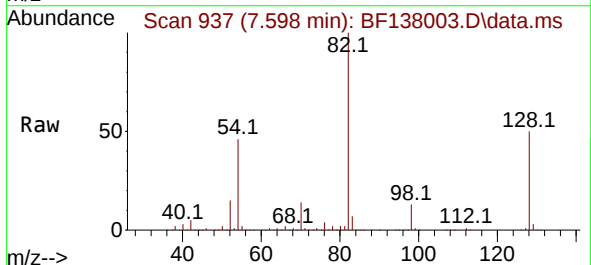
Instrument :
BNA_F
ClientSampleId :
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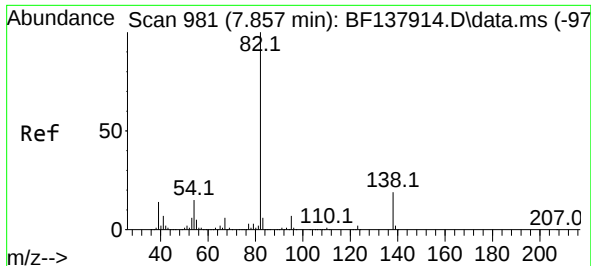
Tgt Ion:136	Resp: 502869
Ion Ratio	Lower Upper
136 100	
137 11.1	8.7 13.1
54 6.8	5.4 8.2
68 5.8	4.6 7.0



#23
Nitrobenzene-d5
Concen: 91.537 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138003.D
Acq: 22 May 2024 14:19

Tgt Ion: 82	Resp: 782172
Ion Ratio	Lower Upper
82 100	
128 50.3	40.3 60.5
54 45.5	36.8 55.2

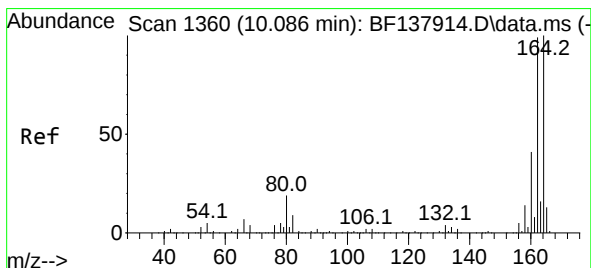
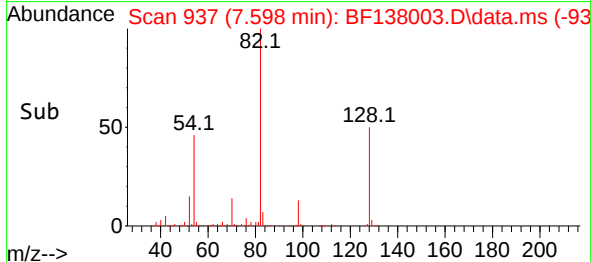
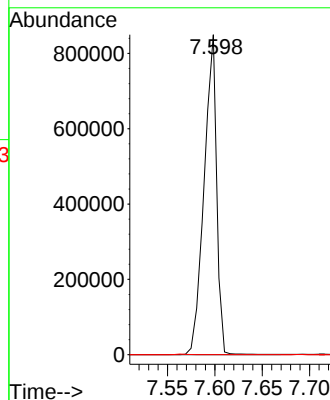
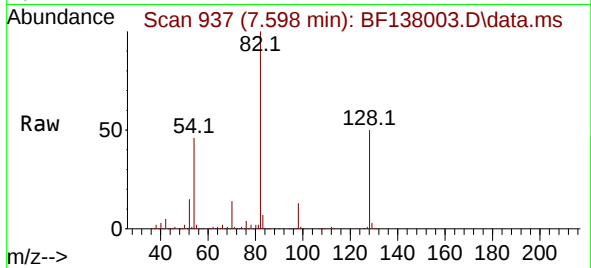




#25
Isophorone
Concen: 52.741 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138003.D
Acq: 22 May 2024 14:19

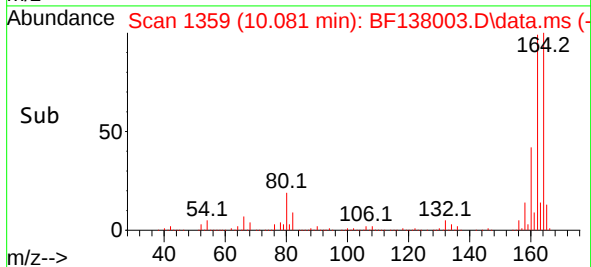
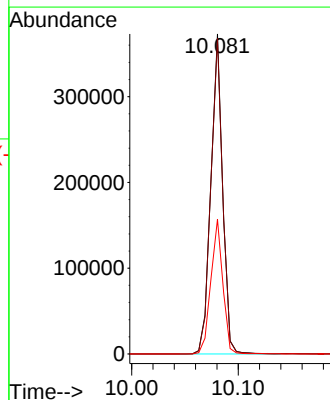
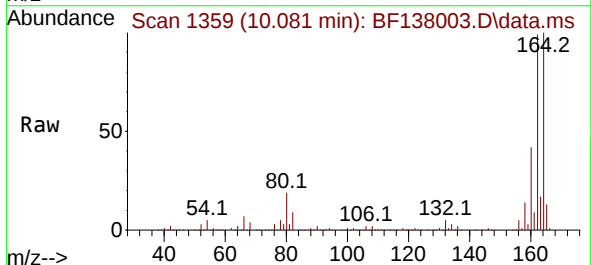
Instrument :
BNA_F
ClientSampleId :
WC-MH-AA

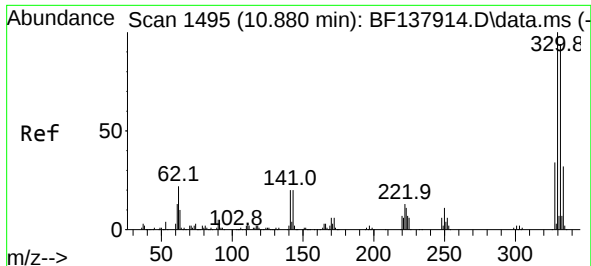
Tgt Ion: 82 Resp: 782160
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF138003.D
Acq: 22 May 2024 14:19

Tgt Ion: 164 Resp: 286207
Ion Ratio Lower Upper
164 100
162 98.6 79.4 119.2
160 42.1 33.1 49.7

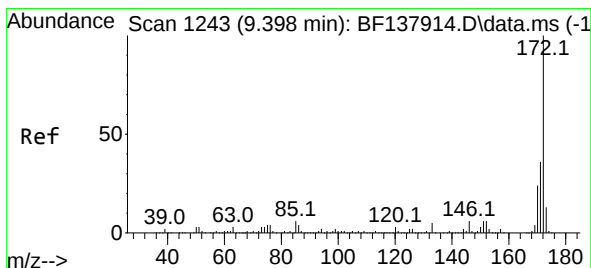
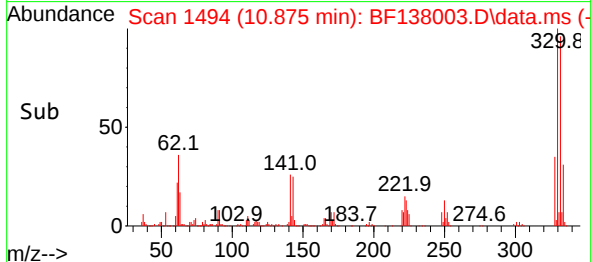
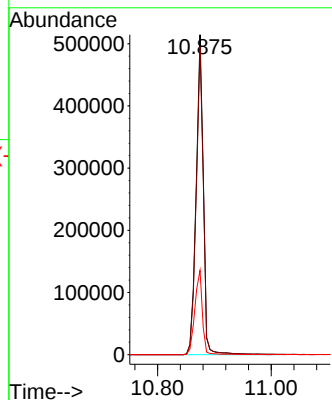
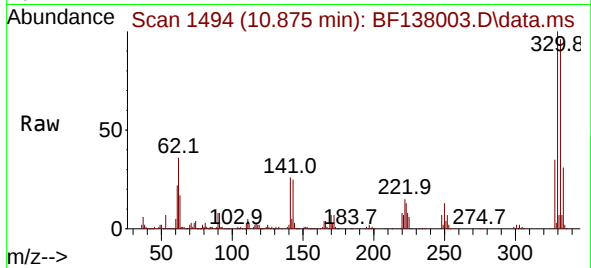




#42
 2,4,6-Tribromophenol
 Concen: 158.715 ng
 RT: 10.875 min Scan# 1494
 Delta R.T. -0.006 min
 Lab File: BF138003.D
 Acq: 22 May 2024 14:19

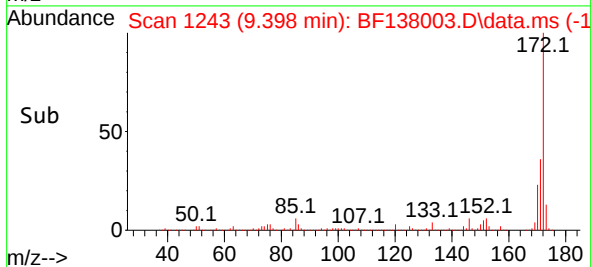
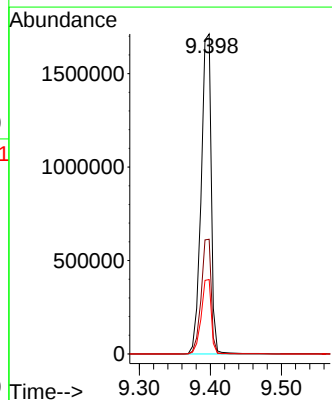
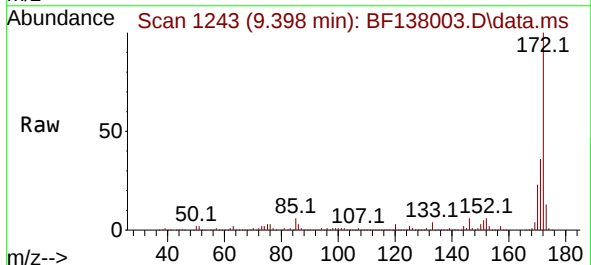
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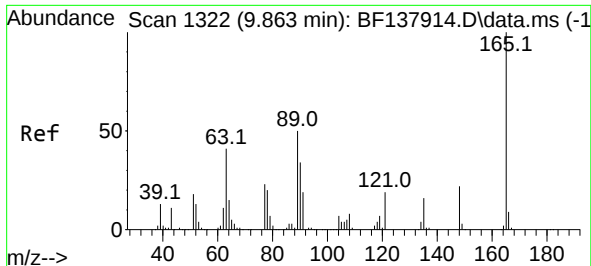
Tgt Ion:330 Resp: 458024
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.8 113.8
 141 27.6 23.8 35.6



#45
 2-Fluorobiphenyl
 Concen: 91.080 ng
 RT: 9.398 min Scan# 1243
 Delta R.T. 0.000 min
 Lab File: BF138003.D
 Acq: 22 May 2024 14:19

Tgt Ion:172 Resp: 1692290
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 23.3 18.9 28.3

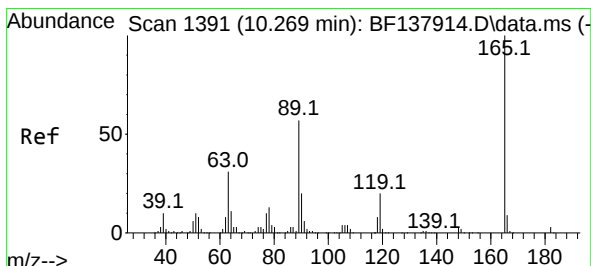
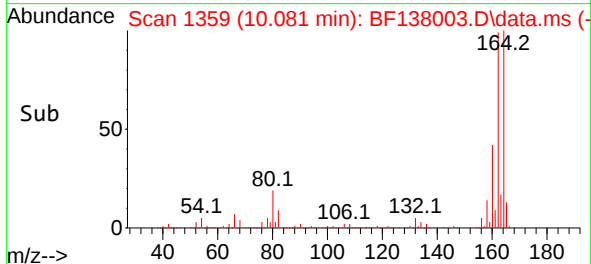
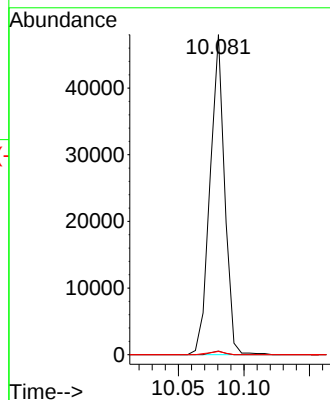
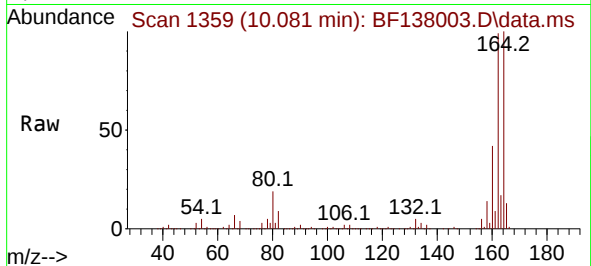




#51
2,6-Dinitrotoluene
Concen: 9.048 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF138003.D
Acq: 22 May 2024 14:19

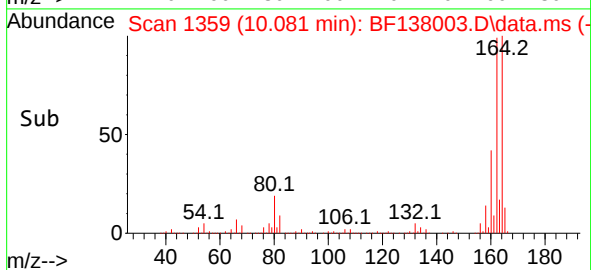
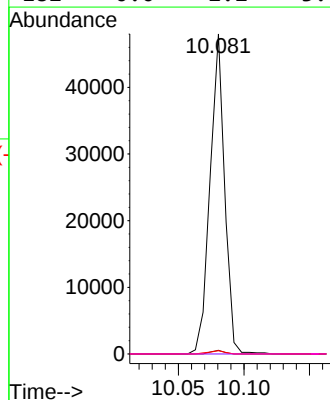
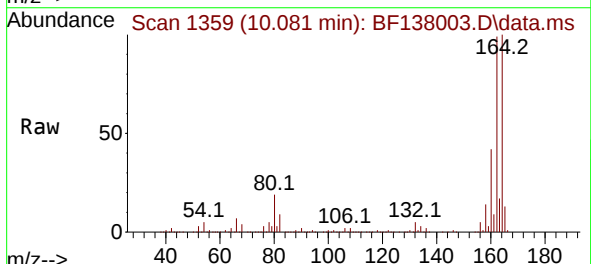
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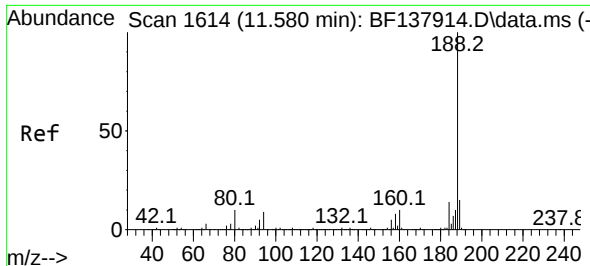
Tgt Ion:165 Resp: 37271
Ion Ratio Lower Upper
165 100
63 1.2 38.9 58.3#
89 1.0 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.999 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF138003.D
Acq: 22 May 2024 14:19

Tgt Ion:165 Resp: 37271
Ion Ratio Lower Upper
165 100
63 1.2 25.3 37.9#
89 1.0 45.9 68.9#
182 0.0 2.2 3.4#

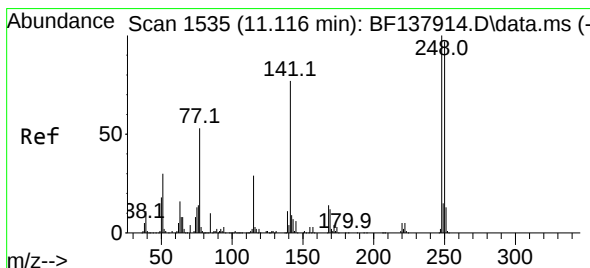
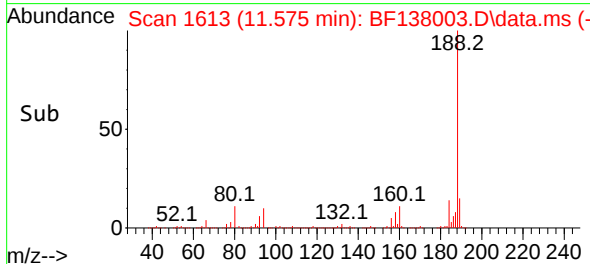
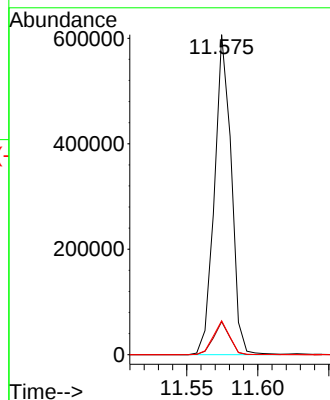
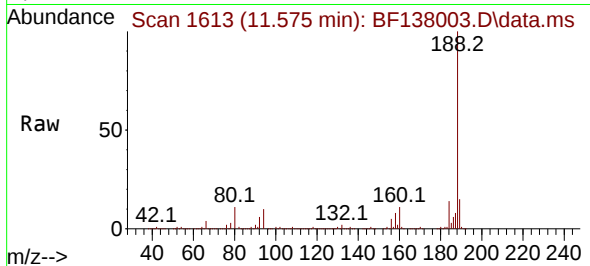




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138003.D
Acq: 22 May 2024 14:19

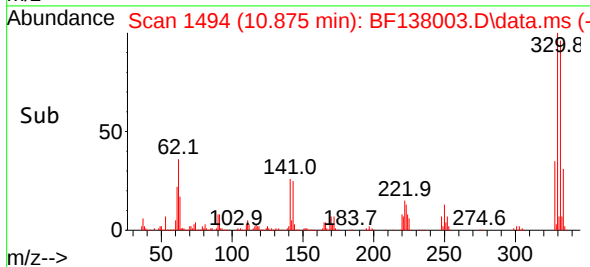
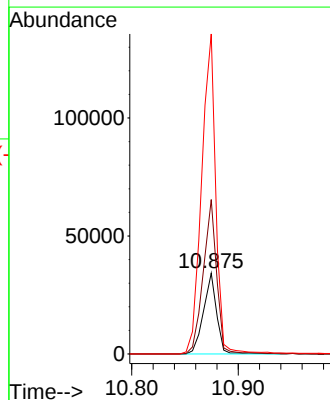
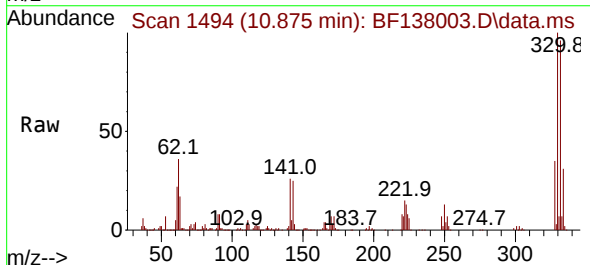
Instrument :
BNA_F
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WC-MH-AA

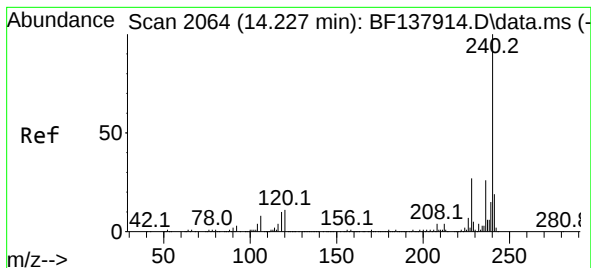
Tgt Ion:188 Resp: 498132
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.4
80 10.6 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 5.430 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF138003.D
Acq: 22 May 2024 14:19

Tgt Ion:248 Resp: 29653
Ion Ratio Lower Upper
248 100
250 191.1 77.6 116.4#
141 396.1 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: BF138003.D

Acq: 22 May 2024 14:19

Instrument :

BNA_F

ClientSampleId :

WC-MH-AA

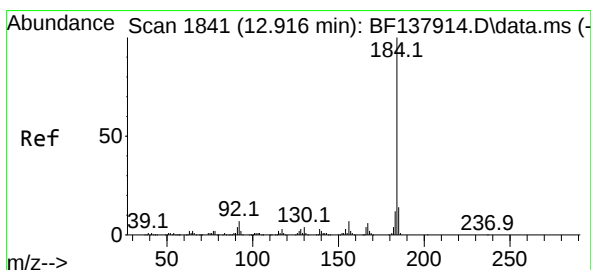
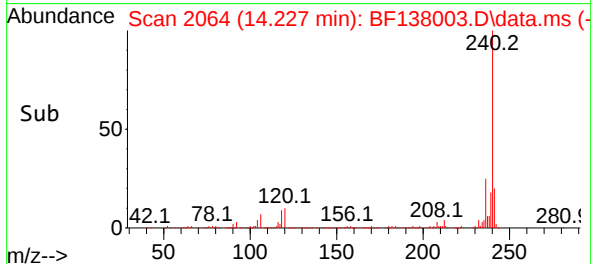
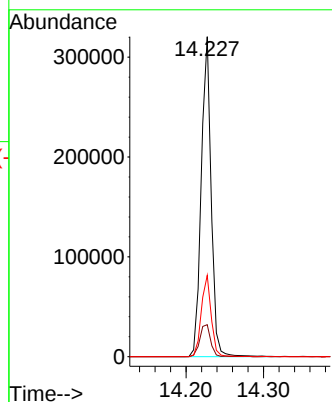
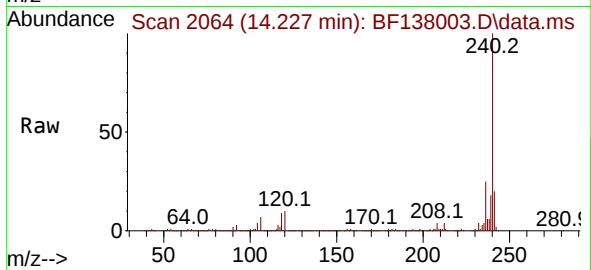
Tgt Ion:240 Resp: 284526

Ion Ratio Lower Upper

240 100

120 10.0 8.9 13.3

236 25.4 21.0 31.4



#77

Benzidine

Concen: 6.057 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.247 min

Lab File: BF138003.D

Acq: 22 May 2024 14:19

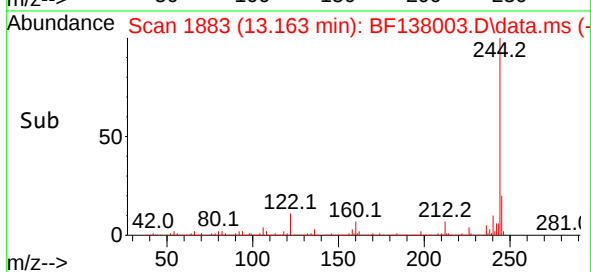
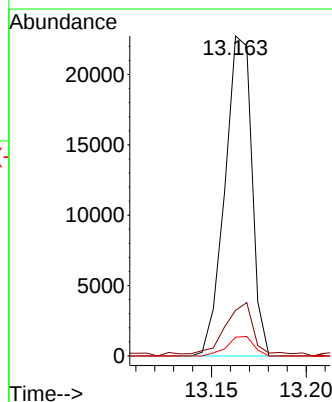
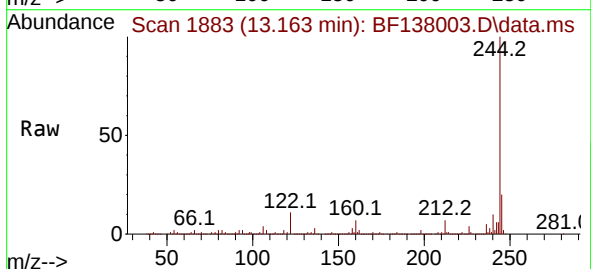
Tgt Ion:184 Resp: 22521

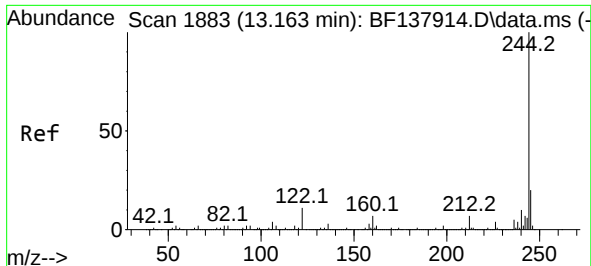
Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.2

183 5.8 9.5 14.3#

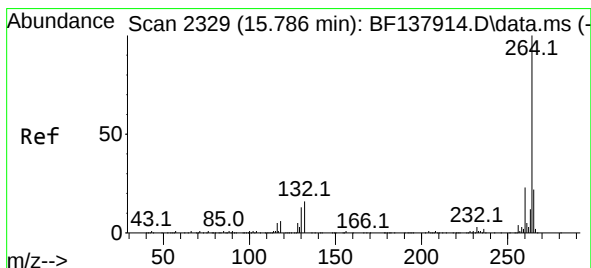
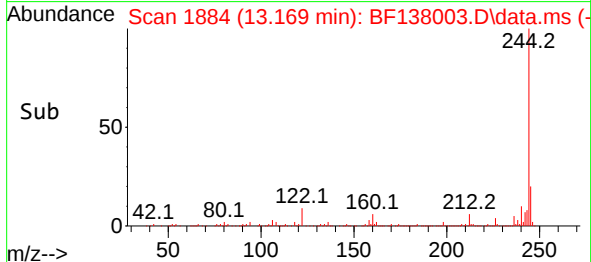
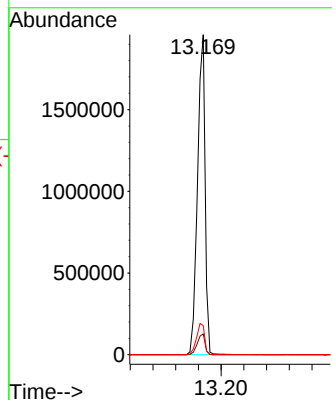
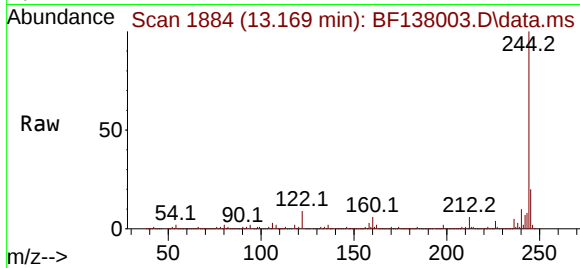




#79
 Terphenyl-d14
 Concen: 94.982 ng
 RT: 13.169 min Scan# 1883
 Delta R.T. 0.006 min
 Lab File: BF138003.D
 Acq: 22 May 2024 14:19

Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-AA

Tgt Ion:244 Resp: 1833685
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 9.1 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: BF138003.D
 Acq: 22 May 2024 14:19

Tgt Ion:264 Resp: 242770
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.3 27.5
 265 22.1 17.6 26.4

