

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
 Data File : BF137967.D
 Acq On : 20 May 2024 19:07
 Operator : CG\JU
 Sample : P2518-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-FF

Quant Time: May 21 01:21:04 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)

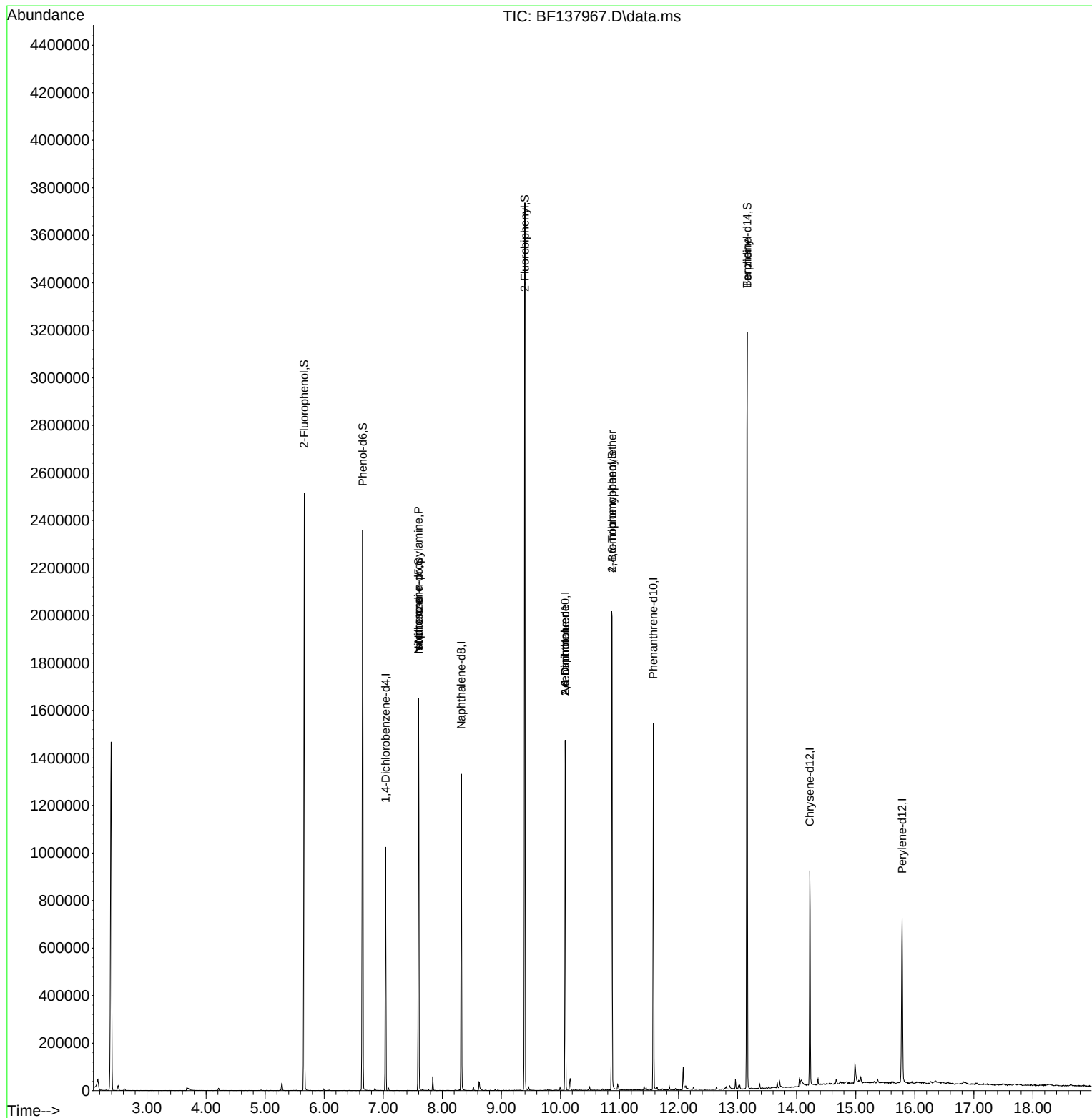
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	135026	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	528739	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	302737	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	517984	20.000	ng	0.00
76) Chrysene-d12	14.221	240	292924	20.000	ng	0.00
86) Perylene-d12	15.786	264	330697	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	683609	85.999	ng	0.00
7) Phenol-d6	6.651	99	860866	87.916	ng	0.00
23) Nitrobenzene-d5	7.598	82	506826	56.411	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	270567	88.638	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1091985	55.562	ng	0.00
79) Terphenyl-d14	13.162	244	1122622	56.483	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.598	70	65636	11.931	ng	# 76
25) Isophorone	7.598	82	506814	32.502	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	38891	8.926	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	38891	6.904	ng	# 33
67) 4-Bromophenyl-phenylether	10.874	248	17795	3.134	ng	# 1
77) Benzidine	13.162	184	13029	3.403	ng	# 92

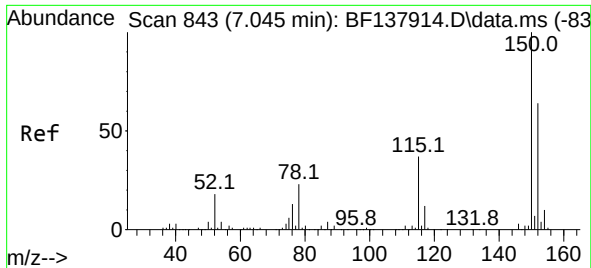
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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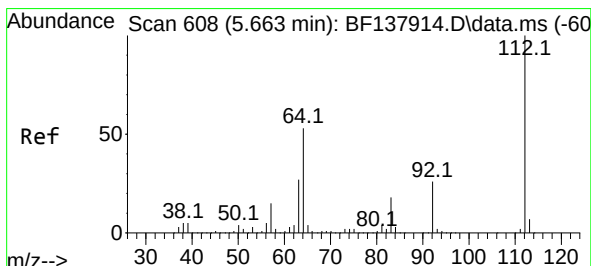
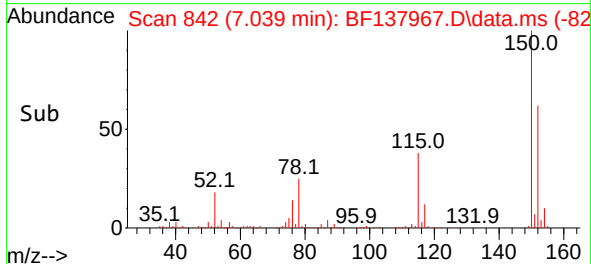
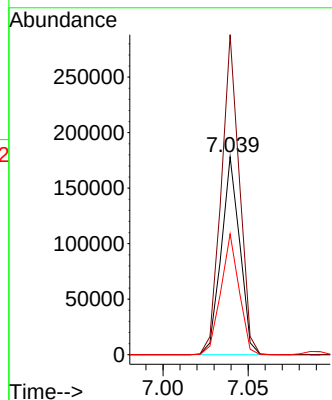
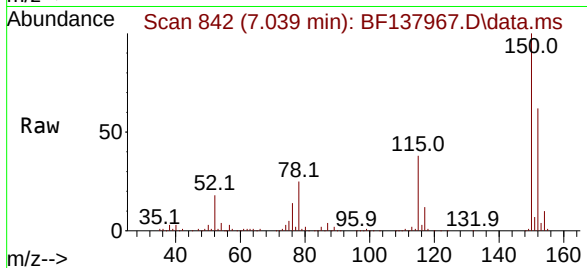




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137967.D
Acq: 20 May 2024 19:07

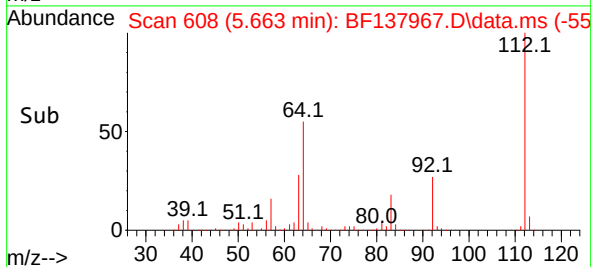
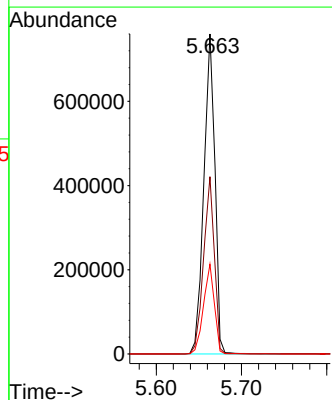
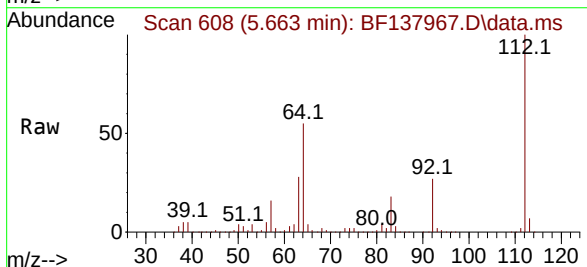
Instrument :
BNA_F
ClientSampleId :
WC-MH-FF

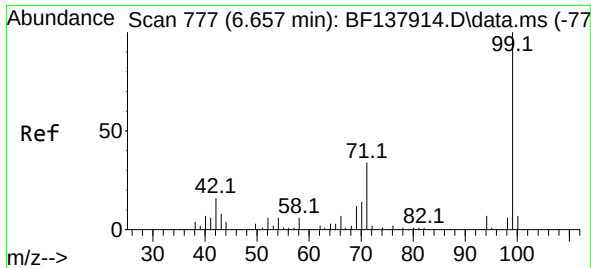
Tgt Ion:152 Resp: 135026
Ion Ratio Lower Upper
152 100
150 161.7 125.7 188.5
115 61.1 47.0 70.6



#5
2-Fluorophenol
Concen: 85.999 ng
RT: 5.663 min Scan# 608
Delta R.T. -0.000 min
Lab File: BF137967.D
Acq: 20 May 2024 19:07

Tgt Ion:112 Resp: 683609
Ion Ratio Lower Upper
112 100
64 55.4 42.4 63.6
63 28.1 21.4 32.2

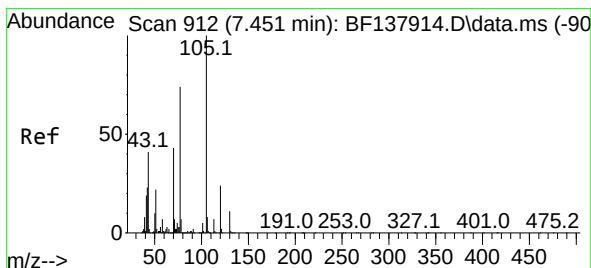
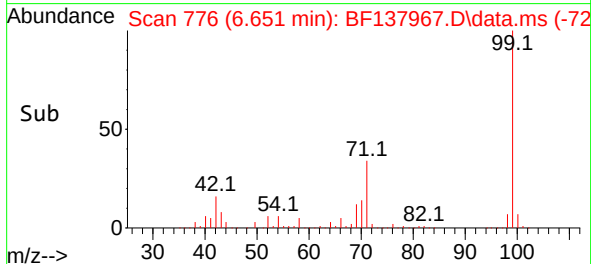
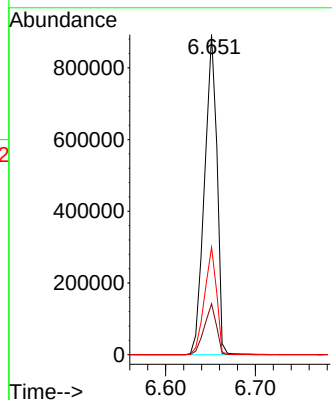
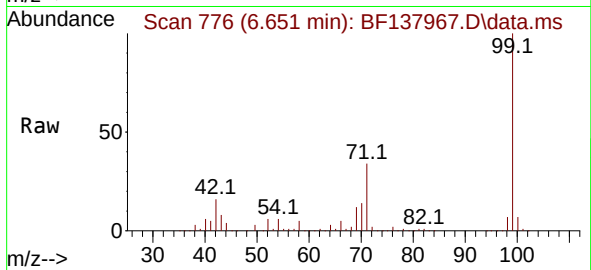




#7
Phenol-d6
Concen: 87.916 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137967.D
Acq: 20 May 2024 19:07

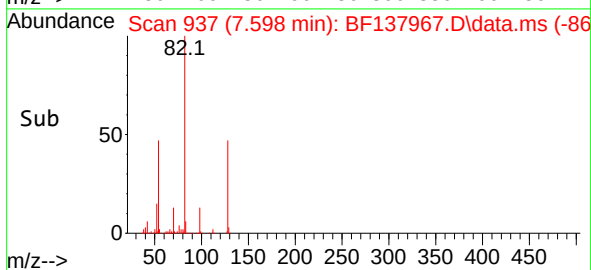
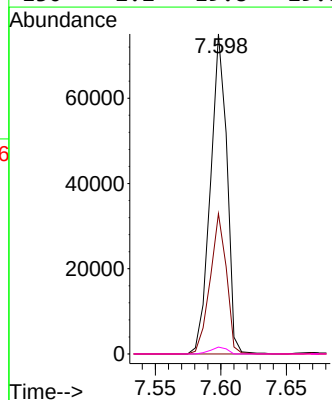
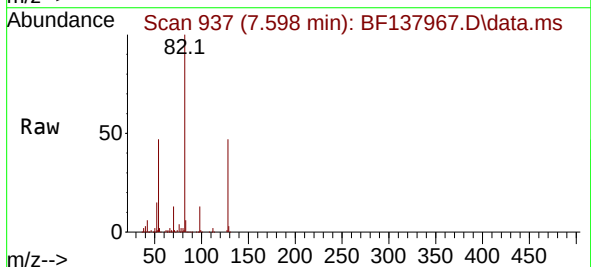
Instrument :
BNA_F
ClientSampleId :
WC-MH-FF

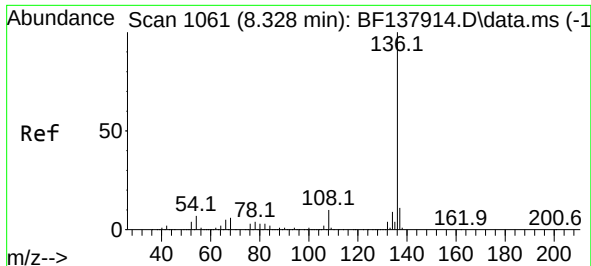
Tgt Ion: 99 Resp: 860866
Ion Ratio Lower Upper
99 100
42 15.9 12.6 18.8
71 33.6 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.931 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF137967.D
Acq: 20 May 2024 19:07

Tgt Ion: 70 Resp: 65636
Ion Ratio Lower Upper
70 100
42 43.9 42.2 63.4
101 0.0 8.8 13.2#
130 2.2 19.8 29.8#



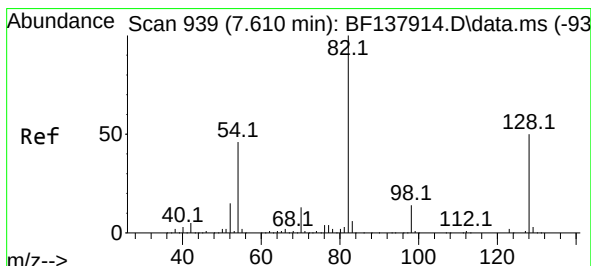
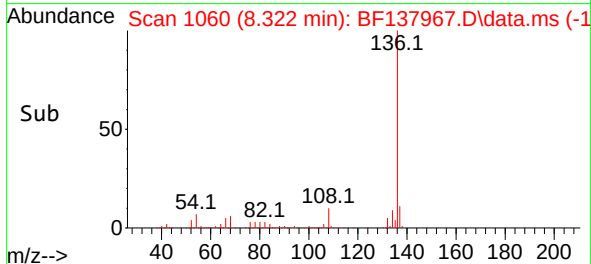
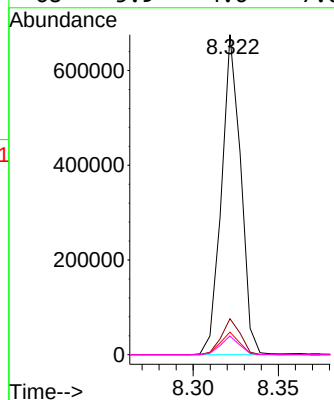
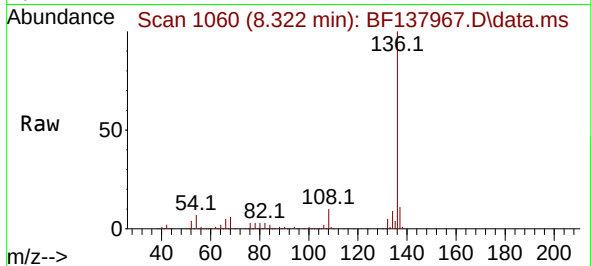


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137967.D
Acq: 20 May 2024 19:07

Instrument :
BNA_F
ClientSampleId :
WC-MH-FF

Tgt Ion:136 Resp: 528739

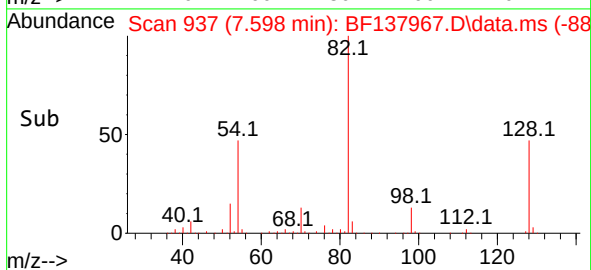
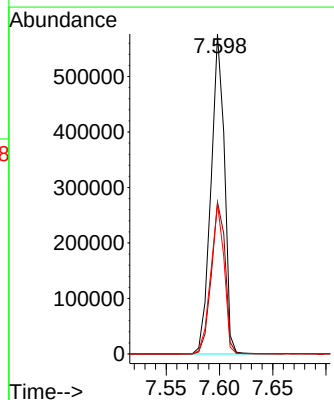
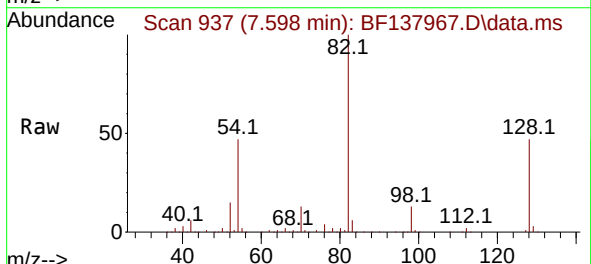
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.0	5.4	8.2
68	5.9	4.6	7.0

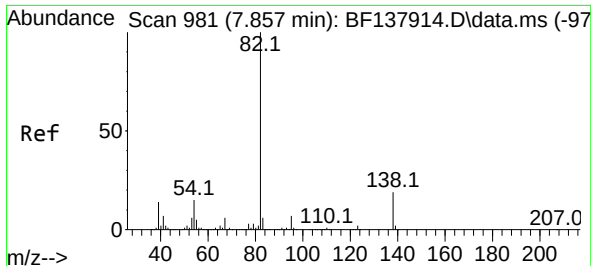


#23
Nitrobenzene-d5
Concen: 56.411 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF137967.D
Acq: 20 May 2024 19:07

Tgt Ion: 82 Resp: 506826

Ion	Ratio	Lower	Upper
82	100		
128	47.5	40.3	60.5
54	47.0	36.8	55.2

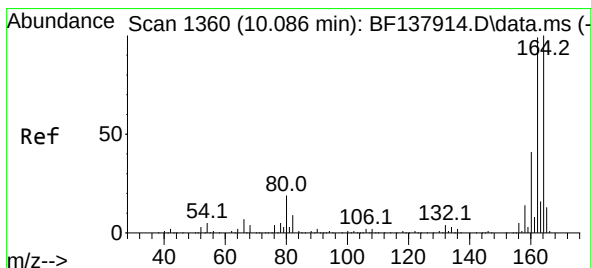
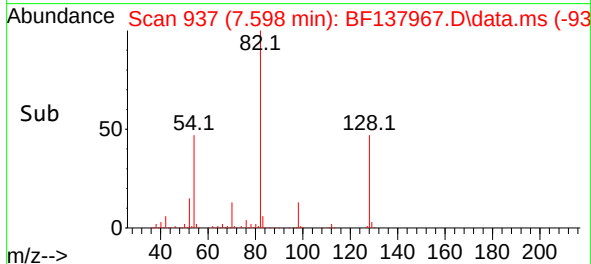
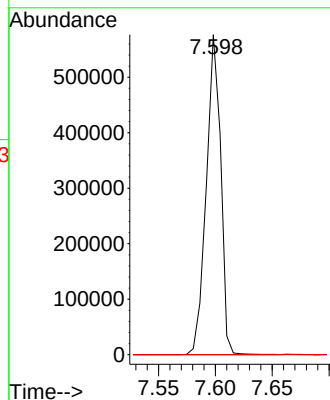
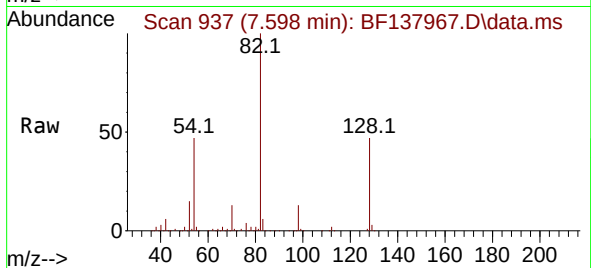




#25
Isophorone
Concen: 32.502 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF137967.D
Acq: 20 May 2024 19:07

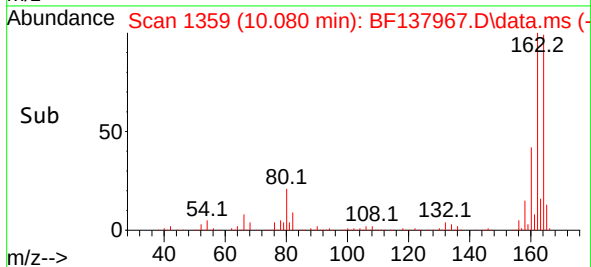
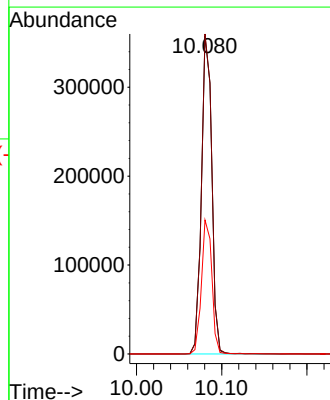
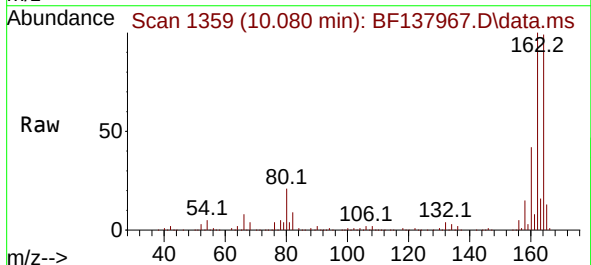
Instrument :
BNA_F
ClientSampleId :
WC-MH-FF

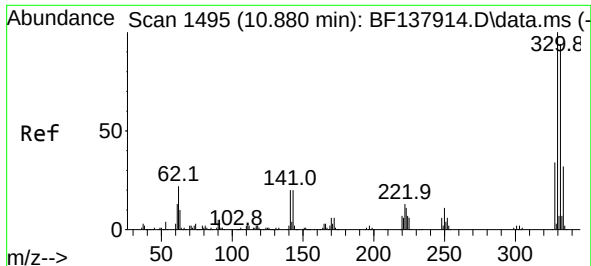
Tgt Ion: 82 Resp: 506814
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF137967.D
Acq: 20 May 2024 19:07

Tgt Ion:164 Resp: 302737
Ion Ratio Lower Upper
164 100
162 100.6 79.4 119.2
160 42.1 33.1 49.7

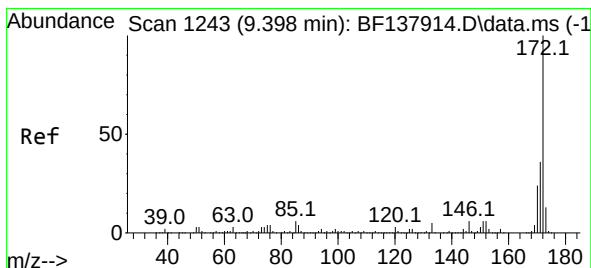
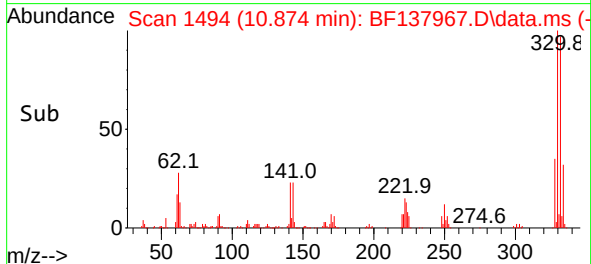
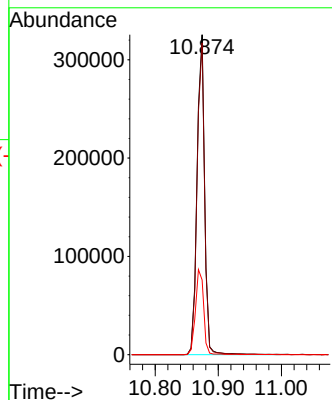
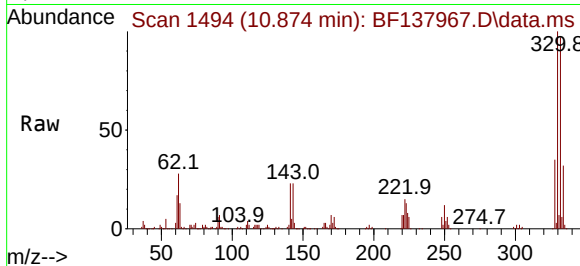




#42
2,4,6-Tribromophenol
Concen: 88.638 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137967.D
Acq: 20 May 2024 19:07

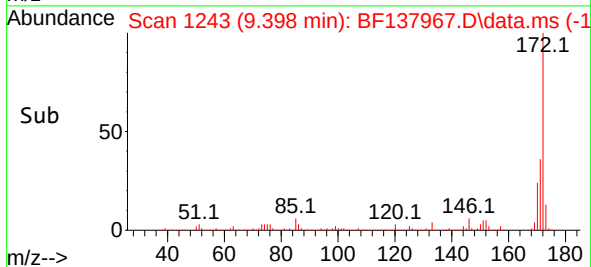
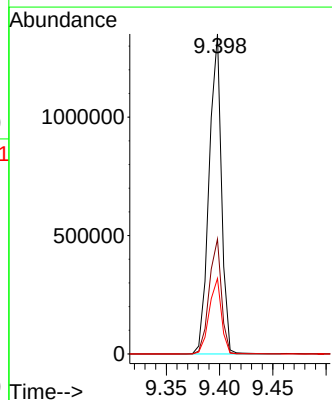
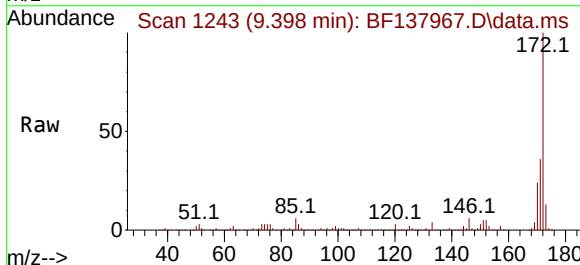
Instrument :
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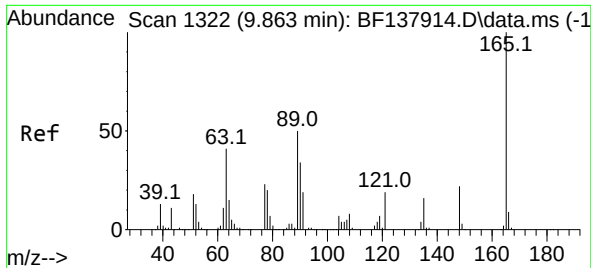
Tgt Ion: 330 Resp: 270567
Ion Ratio Lower Upper
330 100
332 97.1 75.8 113.8
141 29.0 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 55.562 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF137967.D
Acq: 20 May 2024 19:07

Tgt Ion: 172 Resp: 1091985
Ion Ratio Lower Upper
172 100
171 35.9 28.9 43.3
170 23.6 18.9 28.3

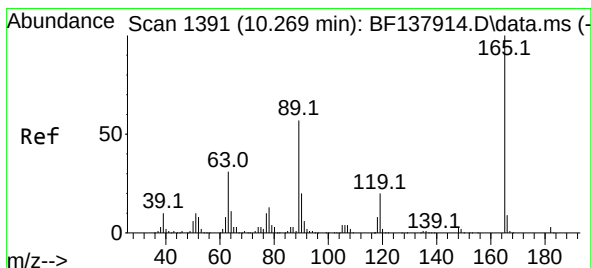
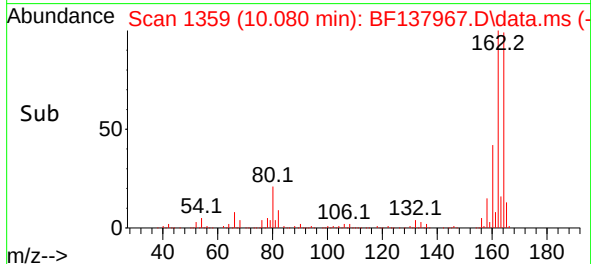
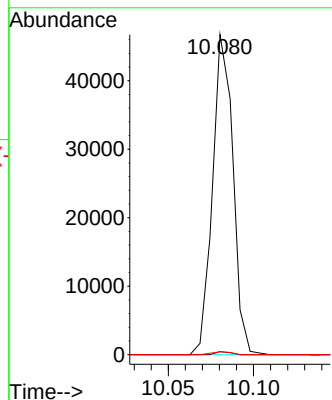
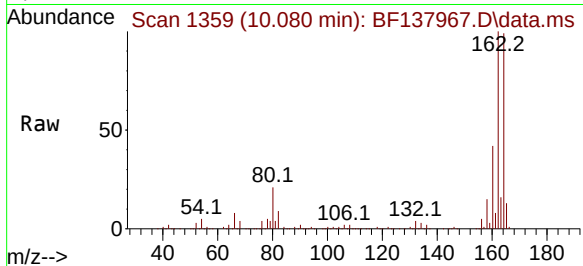




#51
2,6-Dinitrotoluene
Concen: 8.926 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF137967.D
Acq: 20 May 2024 19:07

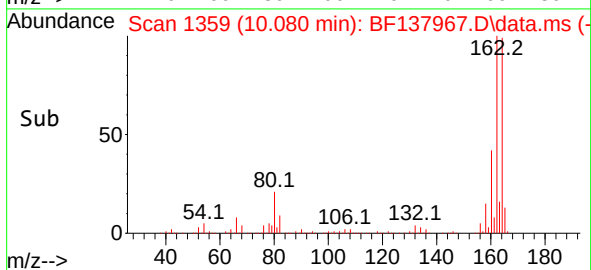
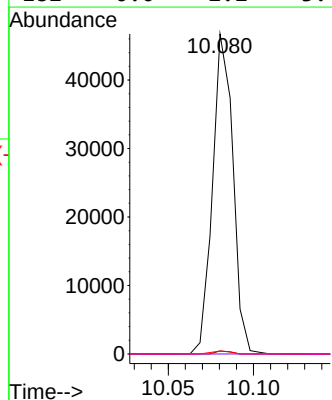
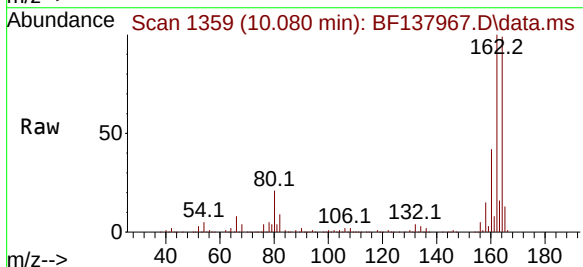
Instrument :
BNA_F
ClientSampleId :
WC-MH-FF

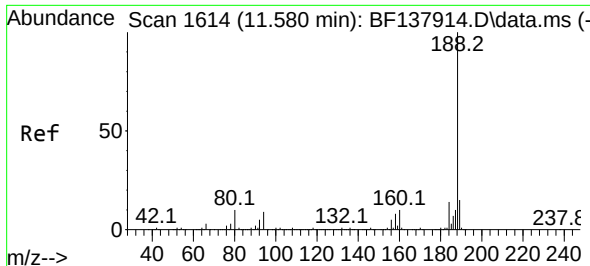
Tgt Ion:165 Resp: 38891
Ion Ratio Lower Upper
165 100
63 0.9 38.9 58.3#
89 0.9 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.904 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137967.D
Acq: 20 May 2024 19:07

Tgt Ion:165 Resp: 38891
Ion Ratio Lower Upper
165 100
63 0.9 25.3 37.9#
89 0.9 45.9 68.9#
182 0.0 2.2 3.4#

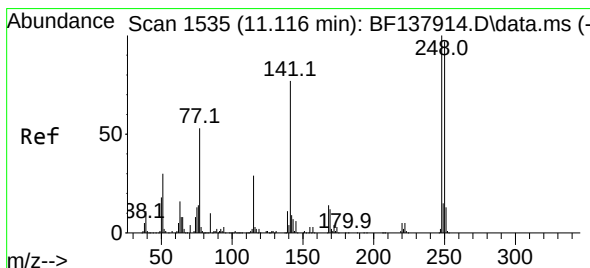
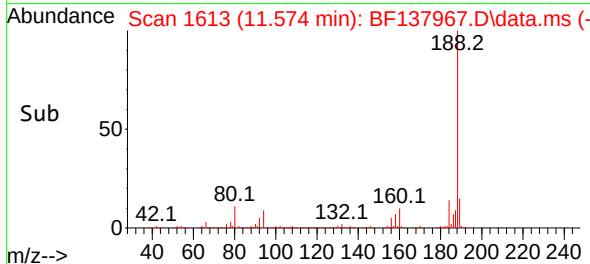
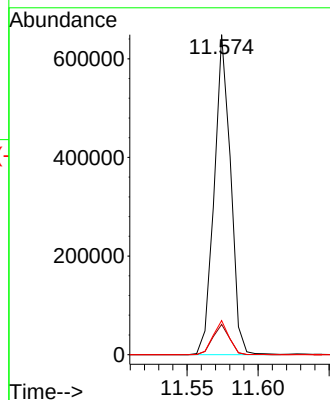
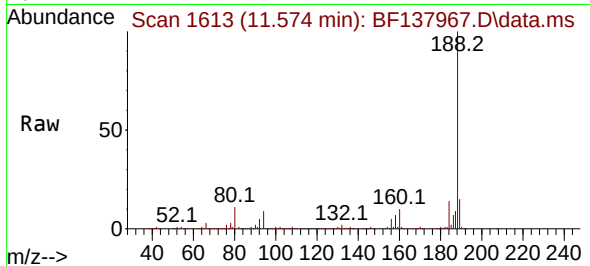




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137967.D
Acq: 20 May 2024 19:07

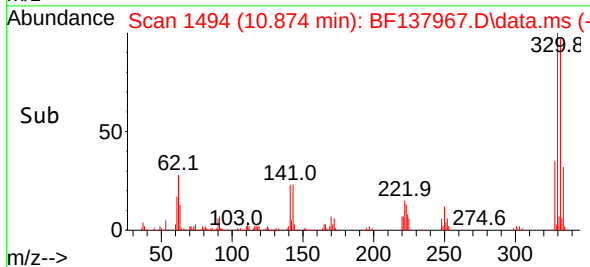
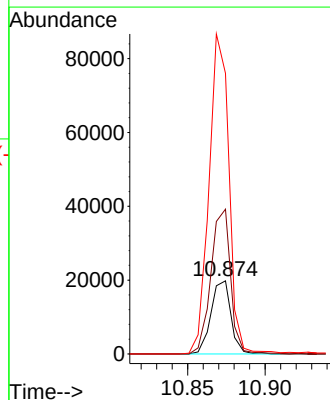
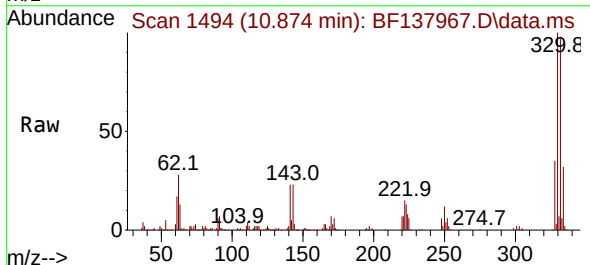
Instrument :
BNA_F
ClientSampleId :
WC-MH-FF

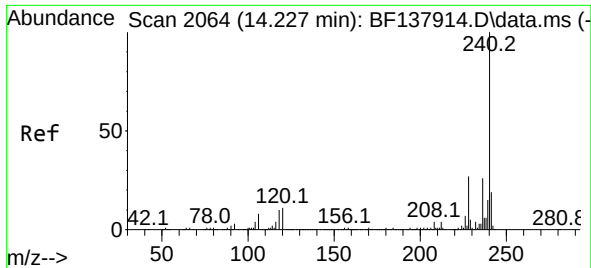
Tgt Ion:188 Resp: 517984
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.4
80 10.7 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 3.134 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF137967.D
Acq: 20 May 2024 19:07

Tgt Ion:248 Resp: 17795
Ion Ratio Lower Upper
248 100
250 198.0 77.6 116.4#
141 384.0 61.4 92.2#

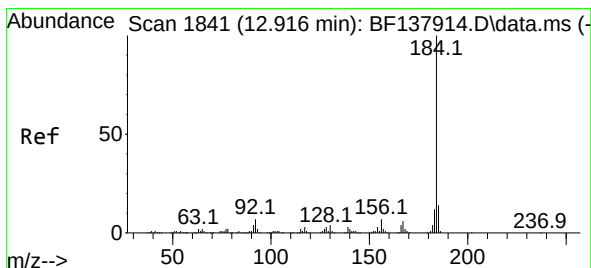
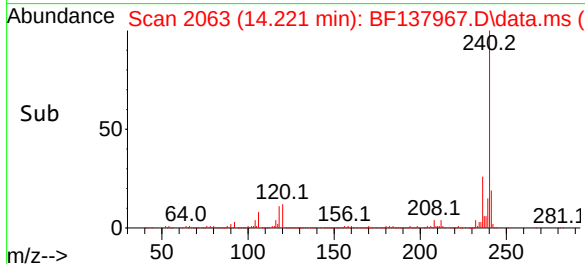
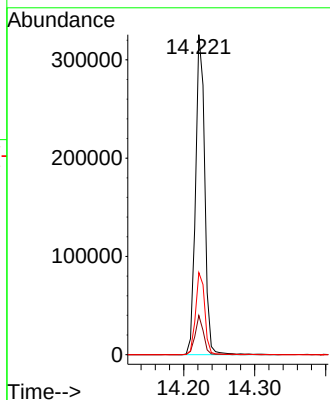
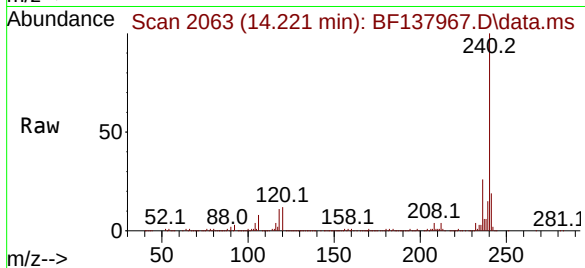




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137967.D
Acq: 20 May 2024 19:07

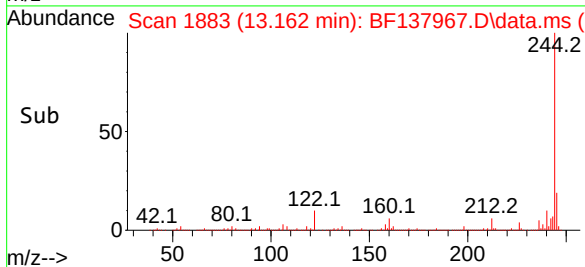
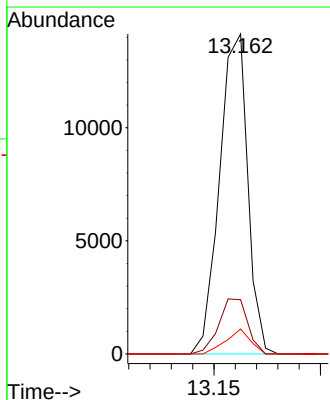
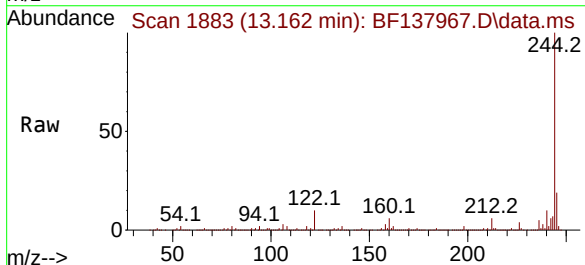
Instrument :
BNA_F
ClientSampleId :
WC-MH-FF

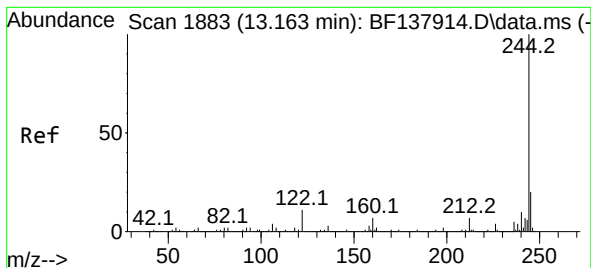
Tgt Ion:240 Resp: 292924
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 25.6 21.0 31.4



#77
Benzidine
Concen: 3.403 ng
RT: 13.162 min Scan# 1883
Delta R.T. 0.246 min
Lab File: BF137967.D
Acq: 20 May 2024 19:07

Tgt Ion:184 Resp: 13029
Ion Ratio Lower Upper
184 100
185 16.9 11.4 17.2
183 7.8 9.5 14.3#





#79

Terphenyl-d14

Concen: 56.483 ng

RT: 13.162 min Scan# 1883

Delta R.T. -0.000 min

Lab File: BF137967.D

Acq: 20 May 2024 19:07

Instrument :

BNA_F

ClientSampleId :

WC-MH-FF

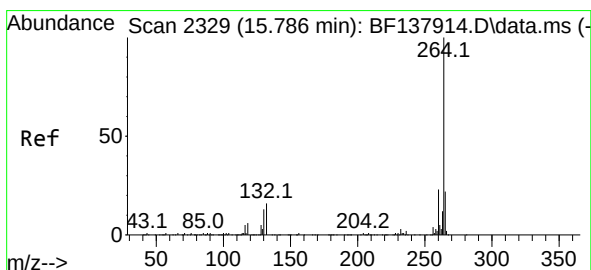
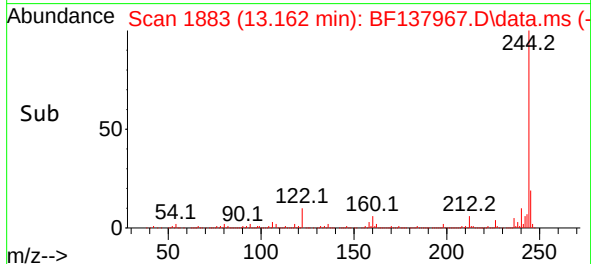
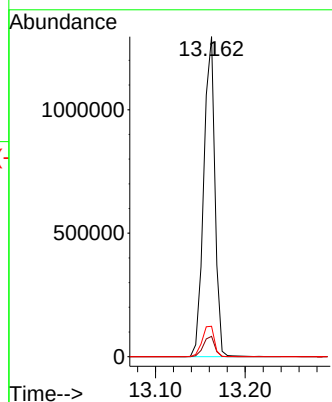
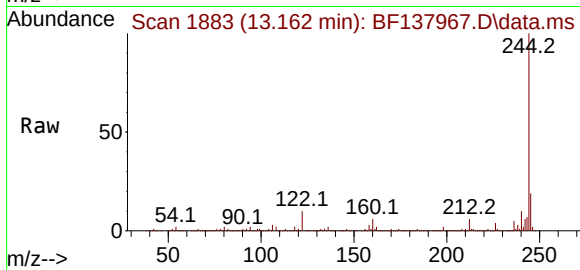
Tgt Ion:244 Resp: 1122622

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 9.5 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: BF137967.D

Acq: 20 May 2024 19:07

Tgt Ion:264 Resp: 330697

Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 21.8 17.6 26.4

