

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
 Data File : BF138023.D
 Acq On : 23 May 2024 12:51
 Operator : CG\JU
 Sample : PB161075BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161075BL

Quant Time: May 23 13:19:34 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)

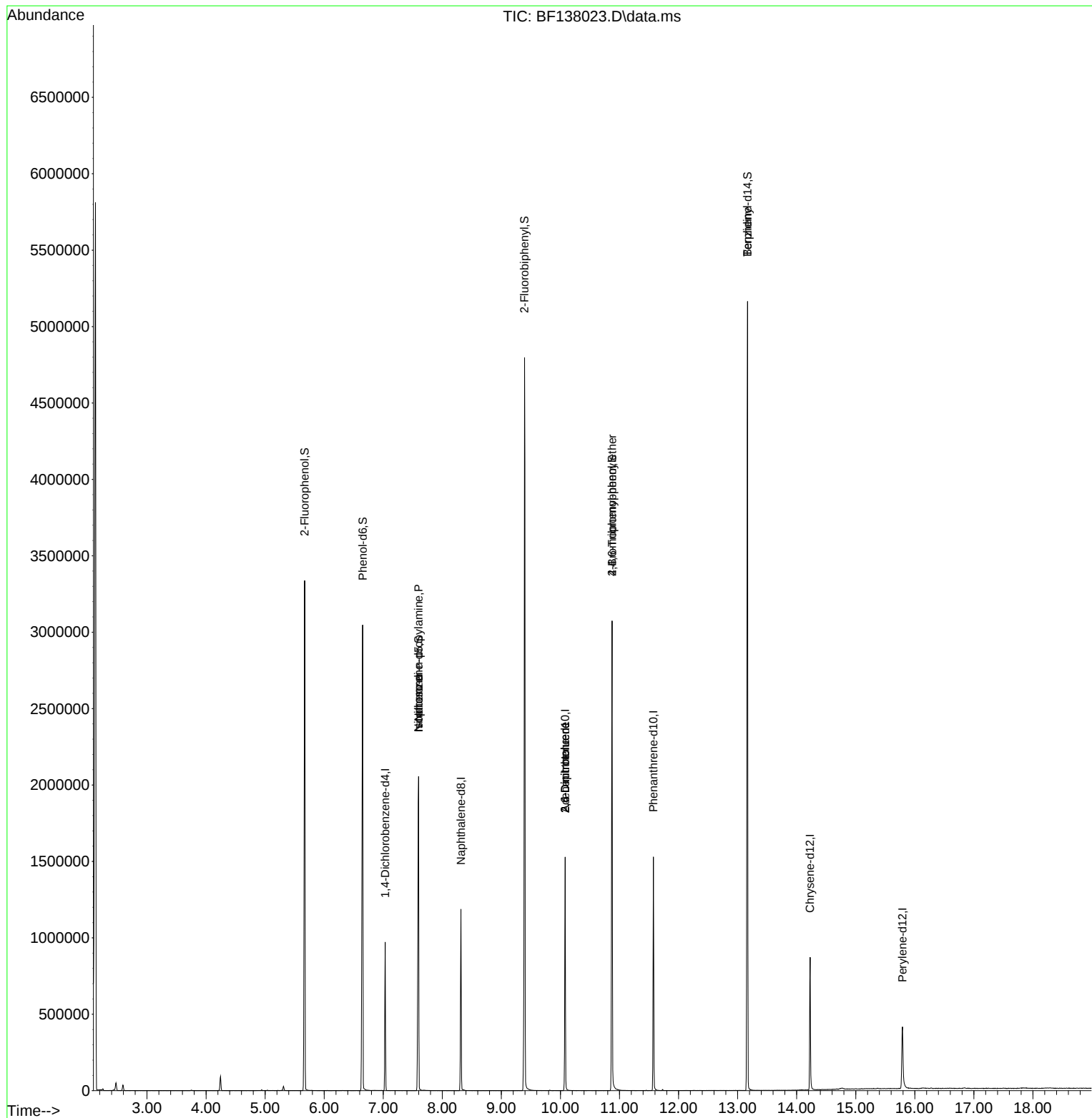
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	135560	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	534940	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	307858	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	534158	20.000	ng	0.00
76) Chrysene-d12	14.227	240	306751	20.000	ng	0.00
86) Perylene-d12	15.792	264	254683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1049578	131.518	ng	0.00
7) Phenol-d6	6.651	99	1265423	128.722	ng	0.00
23) Nitrobenzene-d5	7.598	82	784624	86.319	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	420781	135.555	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1695335	84.827	ng	0.00
79) Terphenyl-d14	13.168	244	1913171	91.919	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.598	70	102826	18.617	ng	# 73
25) Isophorone	7.598	82	784611	49.735	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	39947	9.016	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	39948	6.974	ng	# 33
67) 4-Bromophenyl-phenylether	10.874	248	27414	4.681	ng	# 1
77) Benzidine	13.168	184	22871	5.705	ng	# 92

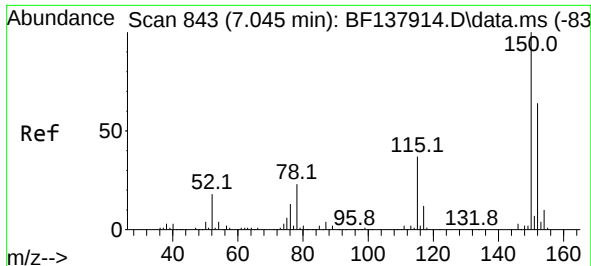
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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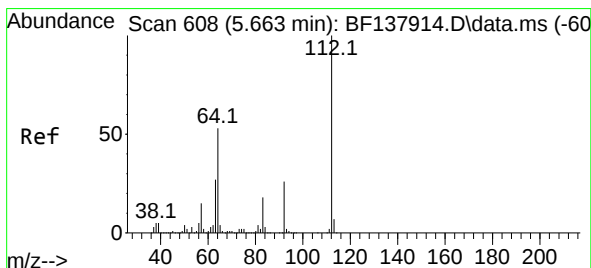
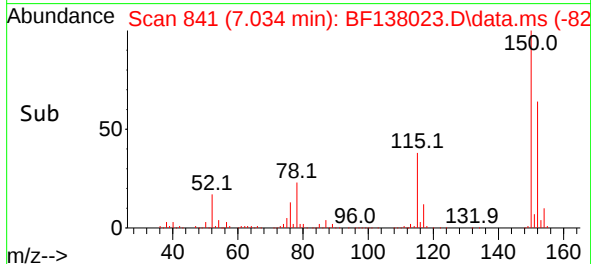
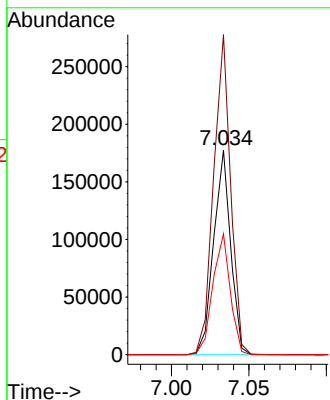
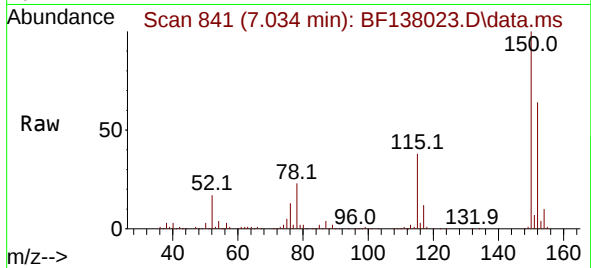




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 843
Delta R.T. -0.011 min
Lab File: BF138023.D
Acq: 23 May 2024 12:51

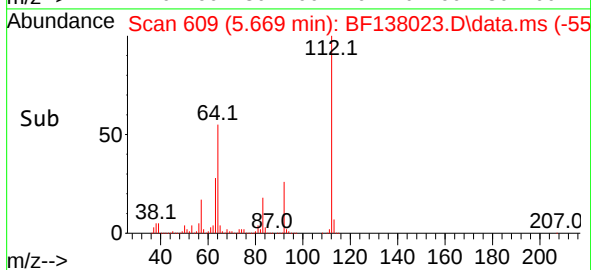
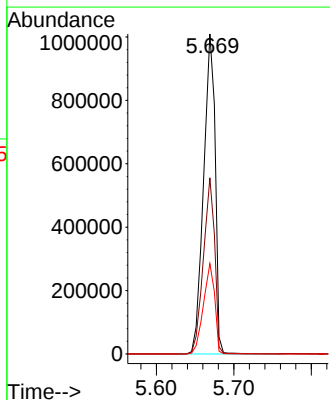
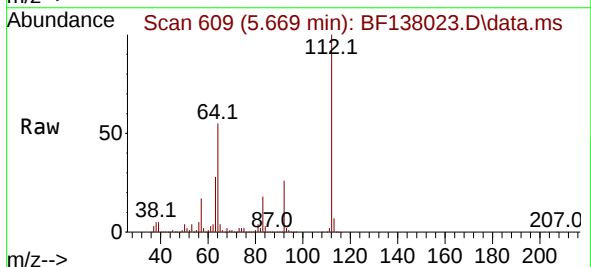
Instrument :
BNA_F
ClientSampleId :
PB161075BL

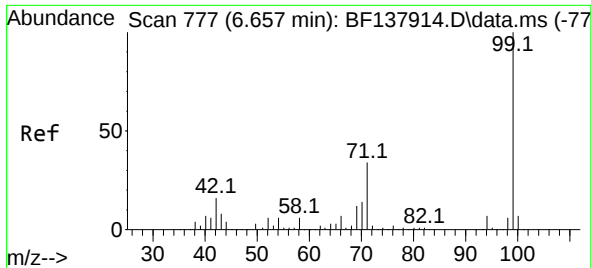
Tgt Ion:152 Resp: 135560
Ion Ratio Lower Upper
152 100
150 156.4 125.7 188.5
115 59.0 47.0 70.6



#5
2-Fluorophenol
Concen: 131.518 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF138023.D
Acq: 23 May 2024 12:51

Tgt Ion:112 Resp: 1049578
Ion Ratio Lower Upper
112 100
64 55.0 42.4 63.6
63 28.3 21.4 32.2

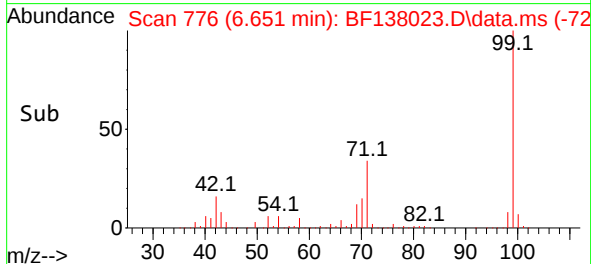
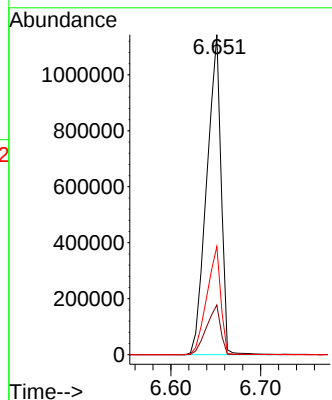
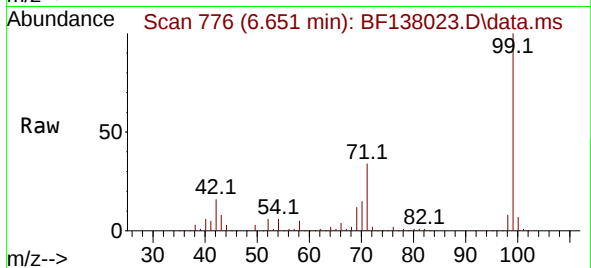




#7
Phenol-d6
Concen: 128.722 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138023.D
Acq: 23 May 2024 12:51

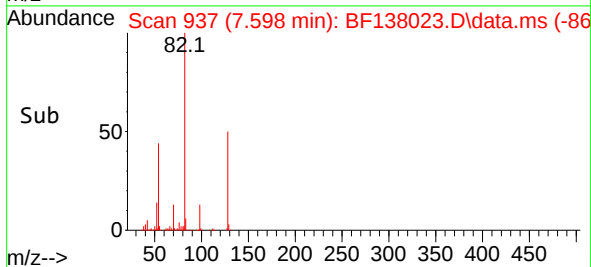
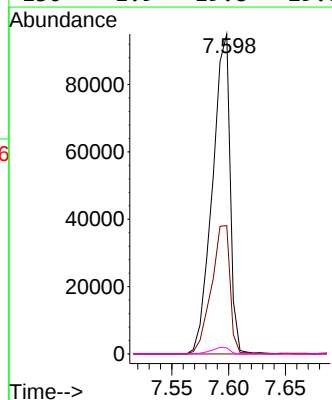
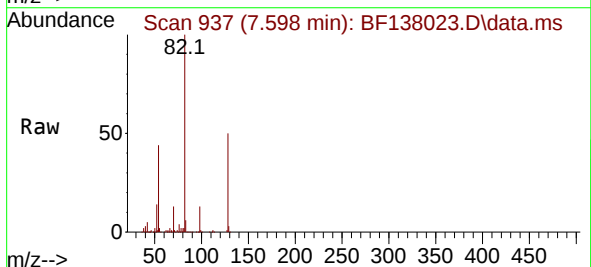
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BNA_F
ClientSampleId :
PB161075BL

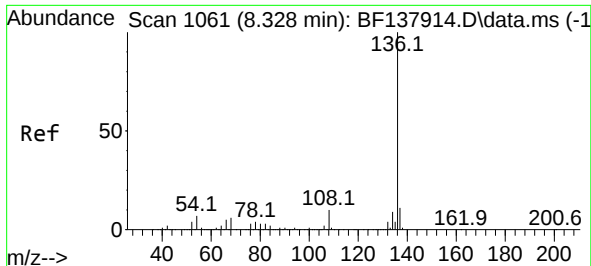
Tgt Ion: 99 Resp: 1265423
Ion Ratio Lower Upper
99 100
42 15.6 12.6 18.8
71 33.8 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.617 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF138023.D
Acq: 23 May 2024 12:51

Tgt Ion: 70 Resp: 102826
Ion Ratio Lower Upper
70 100
42 40.1 42.2 63.4#
101 0.0 8.8 13.2#
130 1.9 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: BF138023.D
Acq: 23 May 2024 12:51

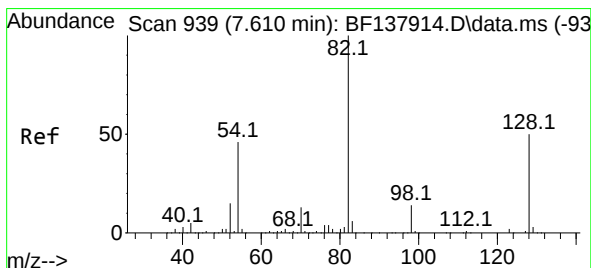
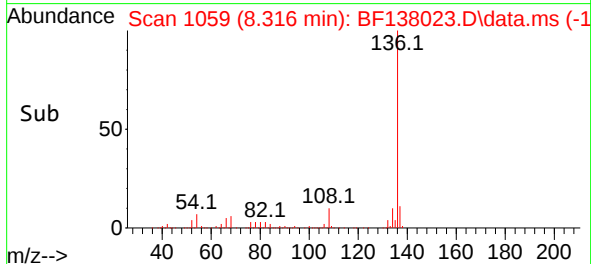
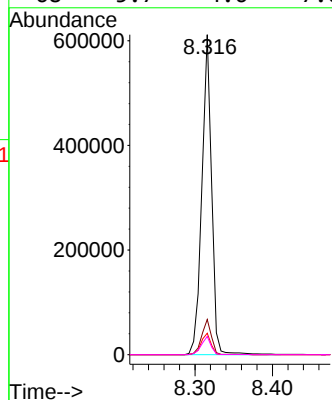
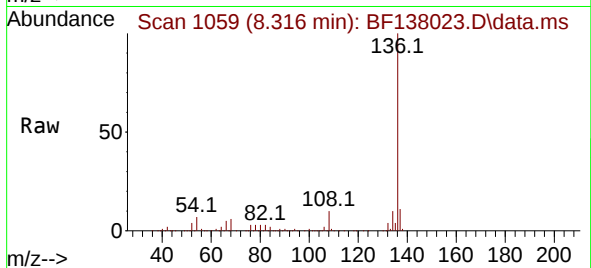
Instrument :

BNA_F

ClientSampleId :

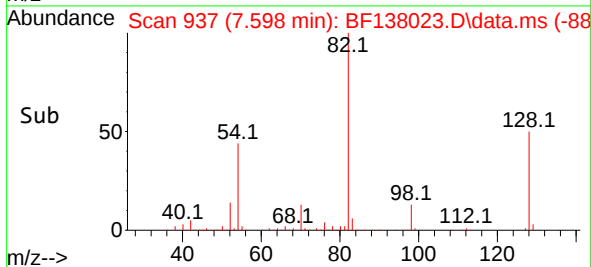
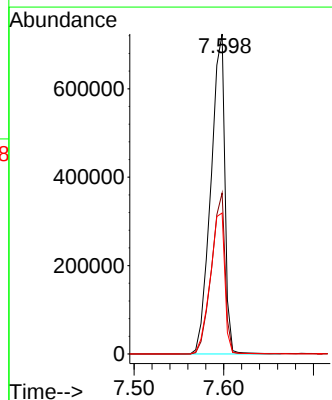
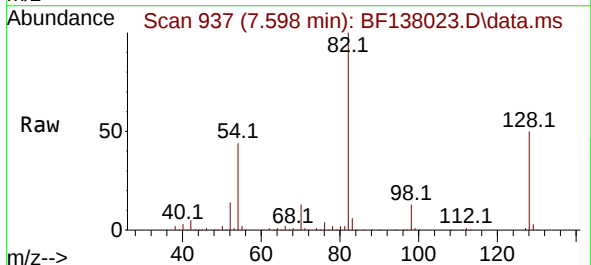
PB161075BL

Tgt Ion:136 Resp: 534940
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.7 5.4 8.2
68 5.7 4.6 7.0



#23
Nitrobenzene-d5
Concen: 86.319 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138023.D
Acq: 23 May 2024 12:51

Tgt Ion: 82 Resp: 784624
Ion Ratio Lower Upper
82 100
128 50.3 40.3 60.5
54 44.1 36.8 55.2

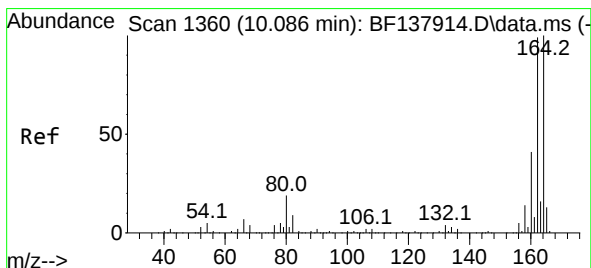
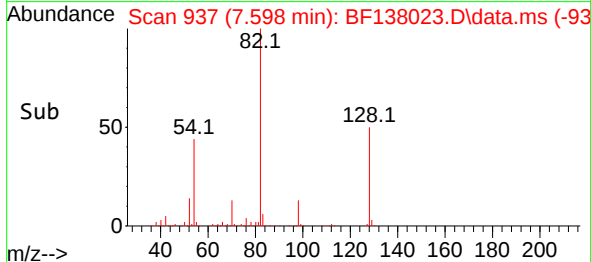
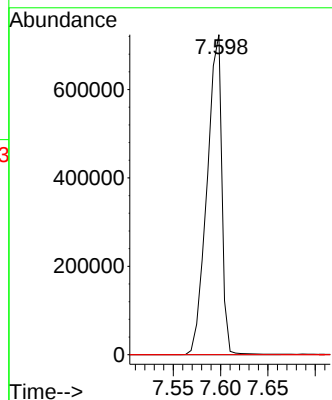
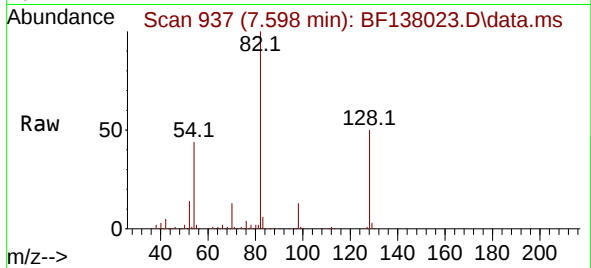




#25
Isophorone
Concen: 49.735 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138023.D
Acq: 23 May 2024 12:51

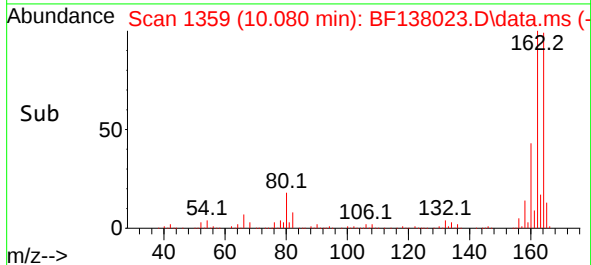
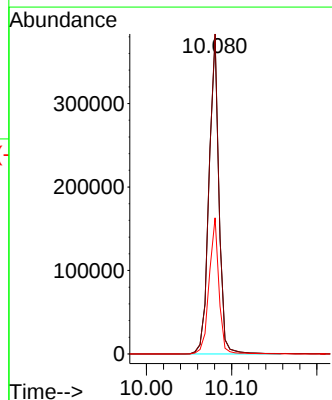
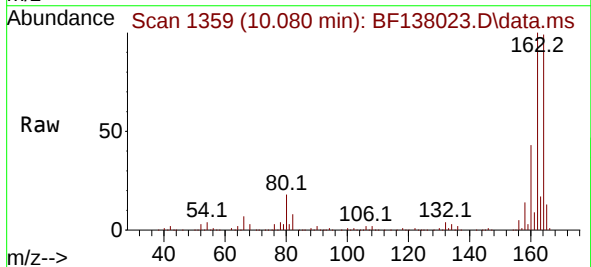
Instrument :
BNA_F
ClientSampleId :
PB161075BL

Tgt Ion: 82 Resp: 784611
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: BF138023.D
Acq: 23 May 2024 12:51

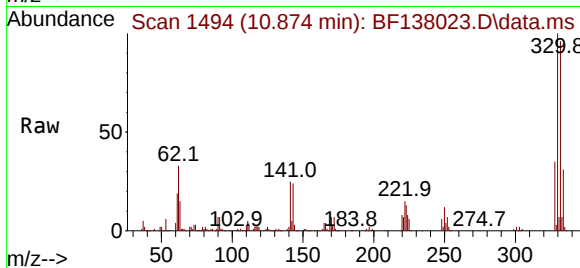
Tgt Ion:164 Resp: 307858
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.2
160 43.2 33.1 49.7



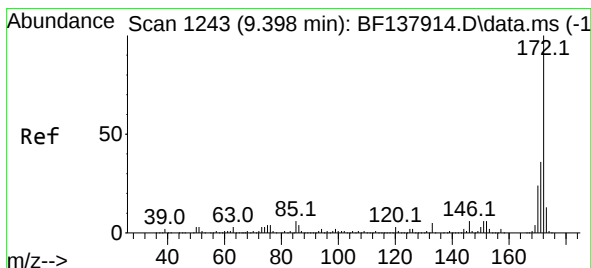
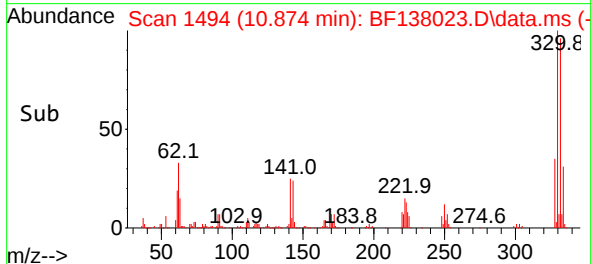
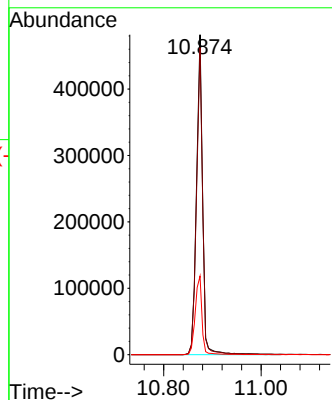


#42
2,4,6-Tribromophenol
Concen: 135.555 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138023.D
Acq: 23 May 2024 12:51

Instrument :
BNA_F
ClientSampleId :
PB161075BL

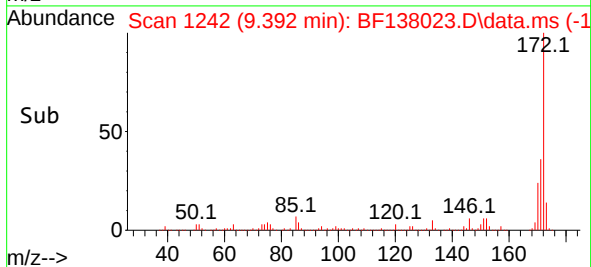
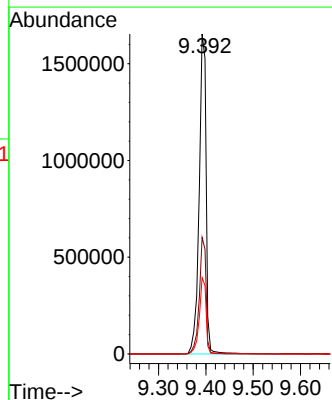
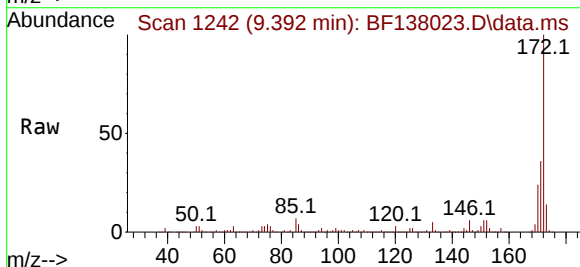


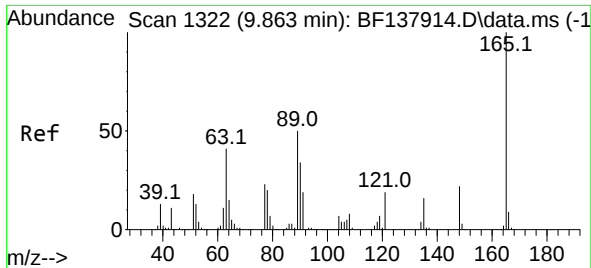
Tgt Ion:330 Resp: 420781
Ion Ratio Lower Upper
330 100
332 96.3 75.8 113.8
141 27.2 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 84.827 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138023.D
Acq: 23 May 2024 12:51

Tgt Ion:172 Resp: 1695335
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 23.9 18.9 28.3

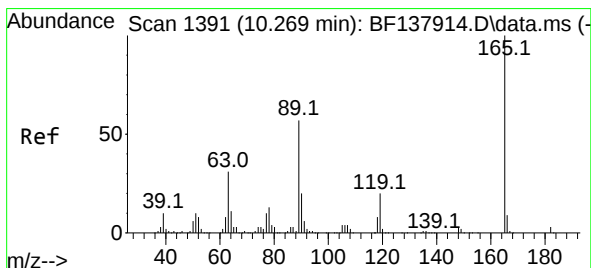
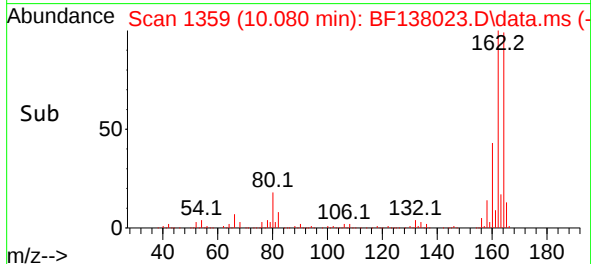
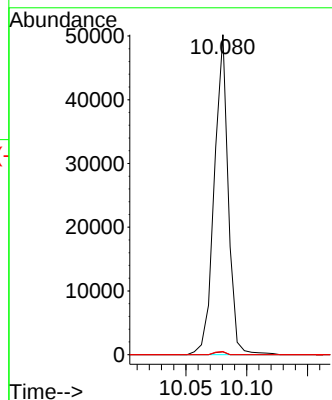
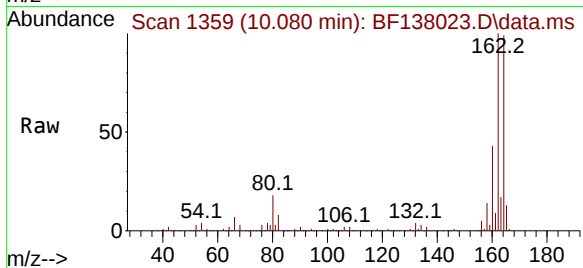




#51
2,6-Dinitrotoluene
Concen: 9.016 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF138023.D
Acq: 23 May 2024 12:51

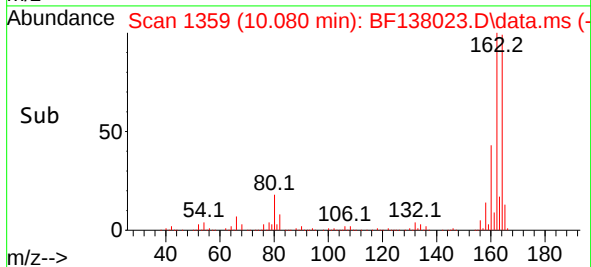
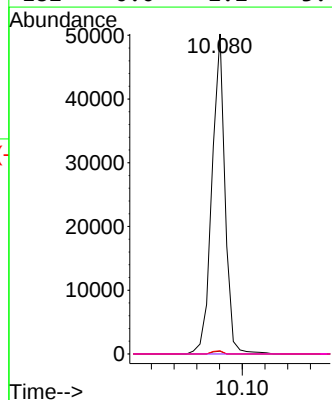
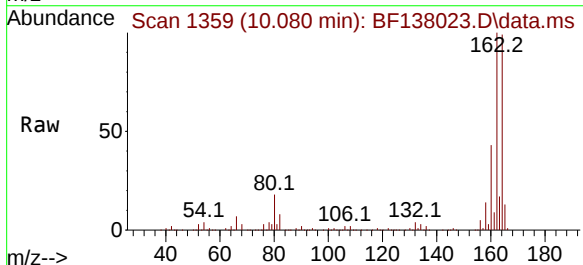
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ClientSampleId :
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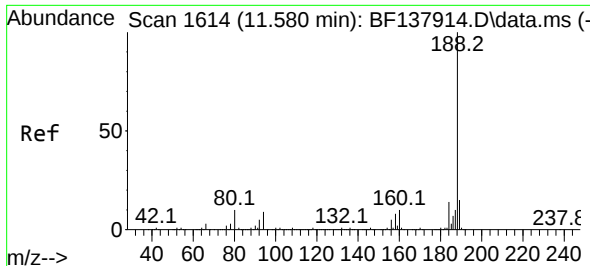
Tgt Ion:165 Resp: 39947
Ion Ratio Lower Upper
165 100
63 0.9 38.9 58.3#
89 1.0 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.974 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF138023.D
Acq: 23 May 2024 12:51

Tgt Ion:165 Resp: 39948
Ion Ratio Lower Upper
165 100
63 0.9 25.3 37.9#
89 1.0 45.9 68.9#
182 0.0 2.2 3.4#

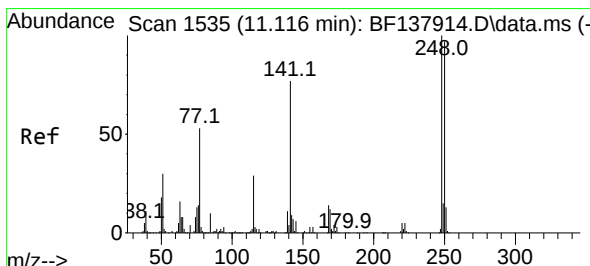
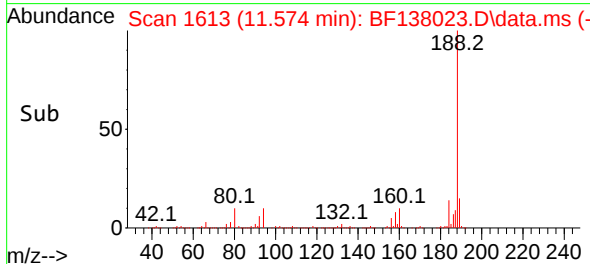
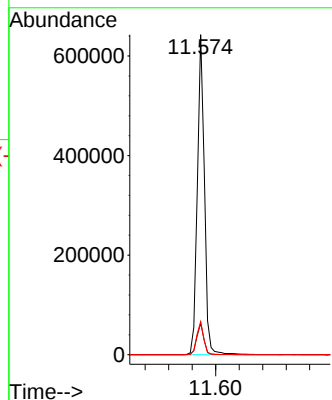
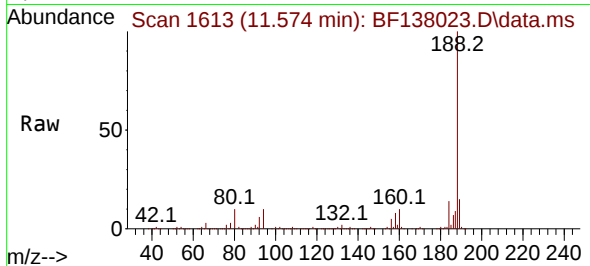




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138023.D
Acq: 23 May 2024 12:51

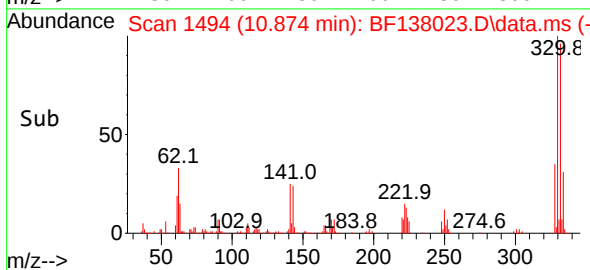
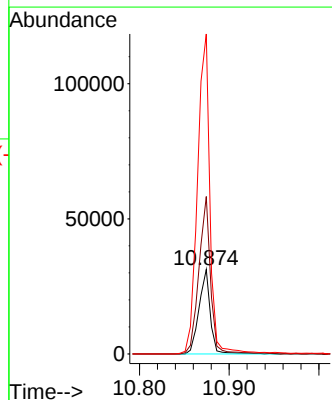
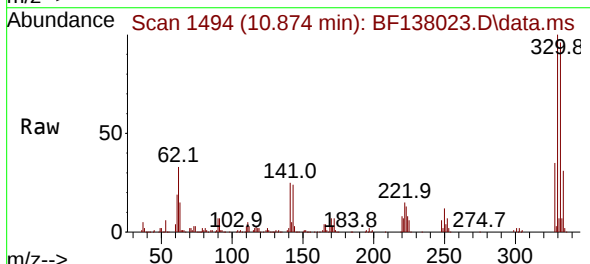
Instrument :
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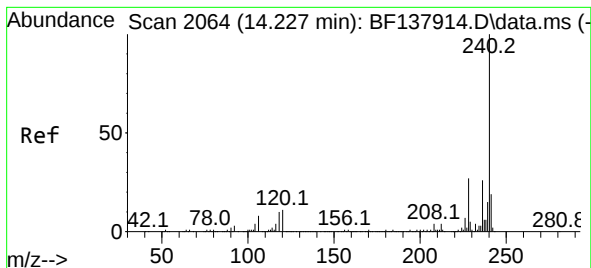
Tgt Ion:188 Resp: 534158
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.4
80 10.4 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 4.681 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF138023.D
Acq: 23 May 2024 12:51

Tgt Ion:248 Resp: 27414
Ion Ratio Lower Upper
248 100
250 186.3 77.6 116.4#
141 378.6 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: BF138023.D

Acq: 23 May 2024 12:51

Instrument :

BNA_F

ClientSampleId :

PB161075BL

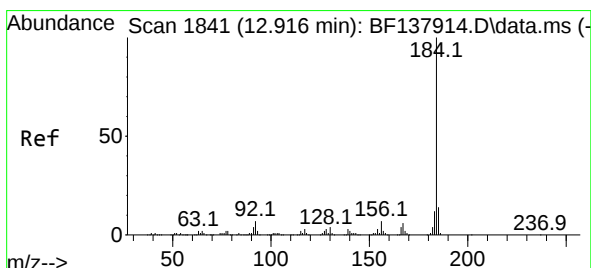
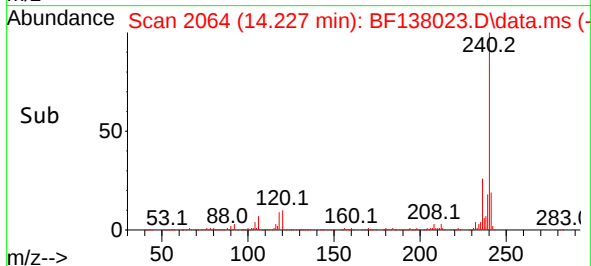
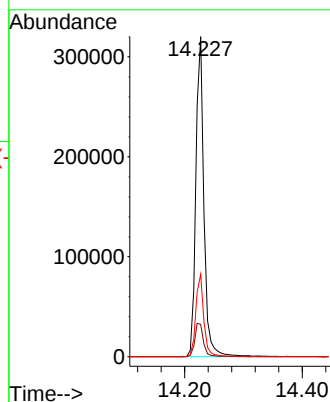
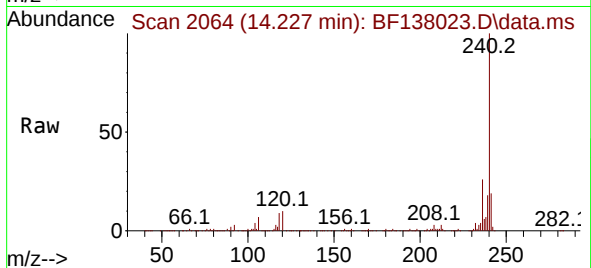
Tgt Ion:240 Resp: 306751

Ion Ratio Lower Upper

240 100

120 10.1 8.9 13.3

236 25.7 21.0 31.4



#77

Benzidine

Concen: 5.705 ng

RT: 13.168 min Scan# 1884

Delta R.T. 0.252 min

Lab File: BF138023.D

Acq: 23 May 2024 12:51

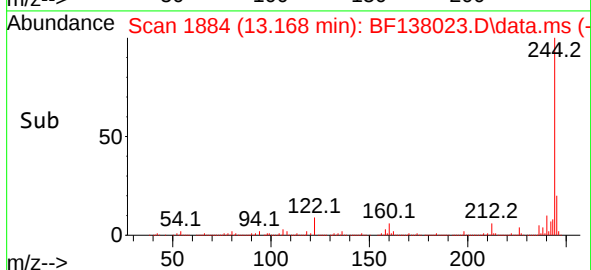
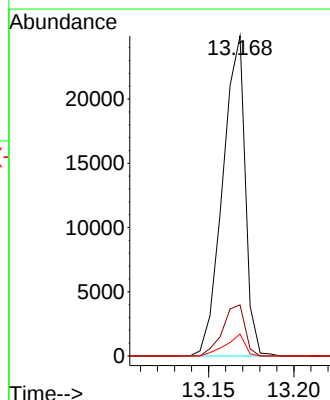
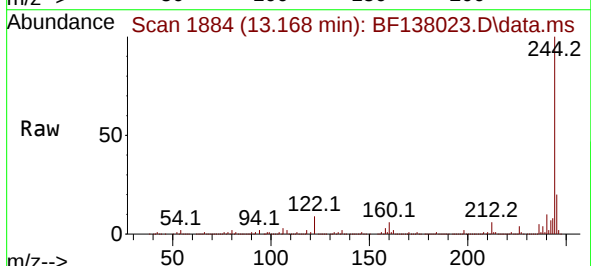
Tgt Ion:184 Resp: 22871

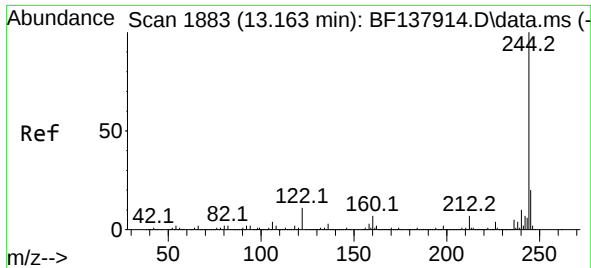
Ion Ratio Lower Upper

184 100

185 16.0 11.4 17.2

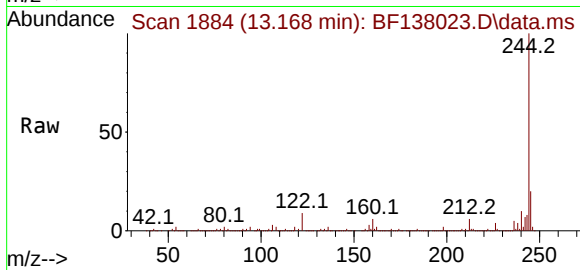
183 6.8 9.5 14.3#



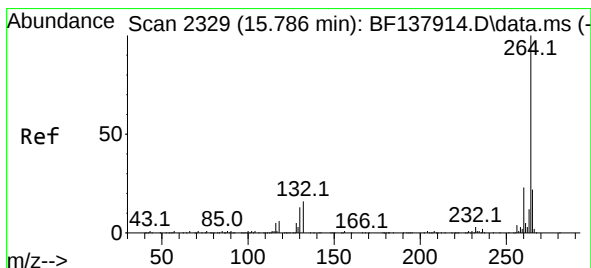
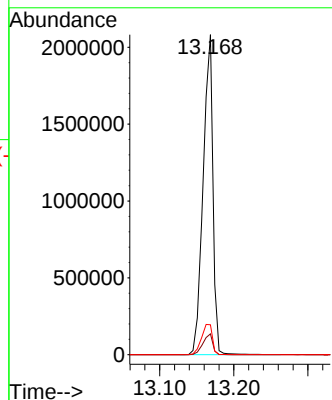
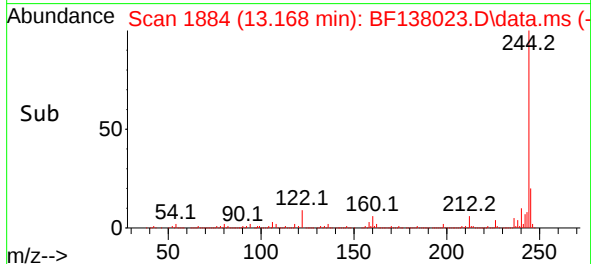


#79
Terphenyl-d14
Concen: 91.919 ng
RT: 13.168 min Scan# 1884
Delta R.T. 0.006 min
Lab File: BF138023.D
Acq: 23 May 2024 12:51

Instrument :
BNA_F
ClientSampleId :
PB161075BL



Tgt Ion:244 Resp: 1913171
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 9.4 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: BF138023.D
Acq: 23 May 2024 12:51

Tgt Ion:264 Resp: 254683
Ion Ratio Lower Upper
264 100
260 22.4 18.3 27.5
265 21.9 17.6 26.4

