

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138913.D
 Acq On : 10 Aug 2024 16:51
 Operator : RC/JU
 Sample : P3466-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 919-J-WP0-0.25-080224

Quant Time: Aug 12 01:16:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

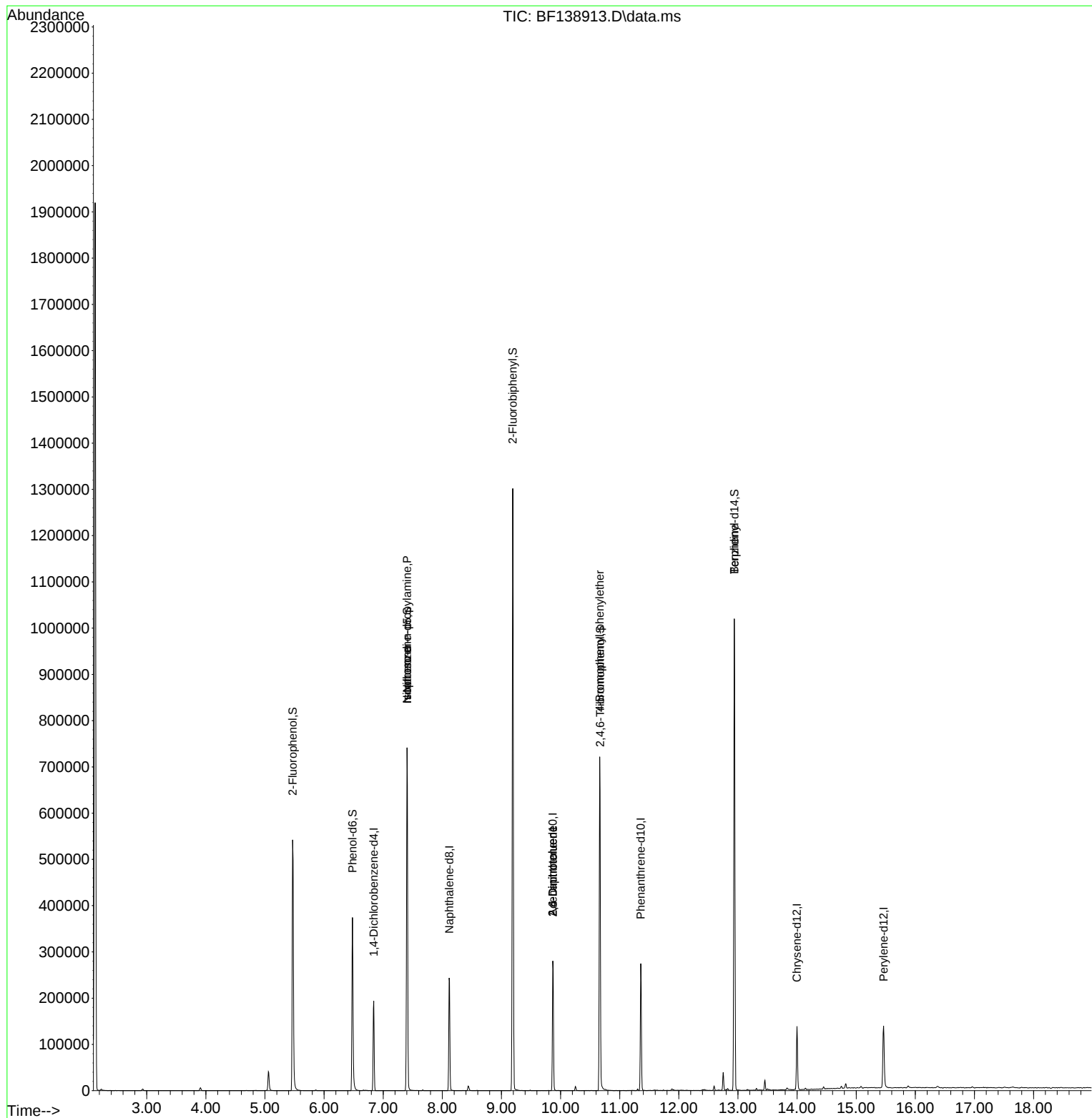
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	36874	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	150172	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	82467	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	140348	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	64489	20.000	ng	0.00
86) Perylene-d12	15.462	264	82323	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	187422	78.460	ng	0.00
7) Phenol-d6	6.481	99	161786	50.445	ng	0.00
23) Nitrobenzene-d5	7.404	82	319036	103.868	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	107569	159.240	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	543635	99.047	ng	-0.01
79) Terphenyl-d14	12.939	244	472193	122.591	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	43994	22.712	ng	# 78
25) Isophorone	7.404	82	319034	60.829	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	10707	8.997	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	10707	7.052	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	7675	5.051	ng	# 1
77) Benzidine	12.939	184	6527	4.232	ng	# 91

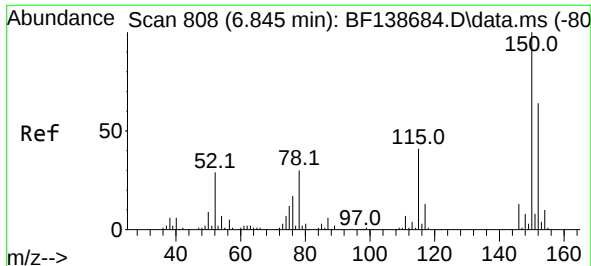
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
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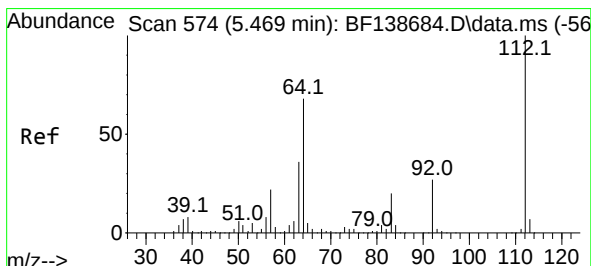
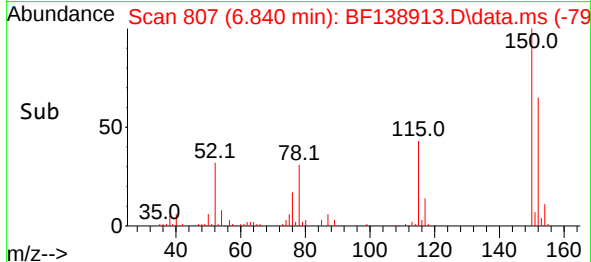
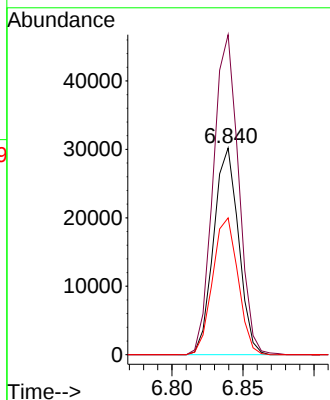
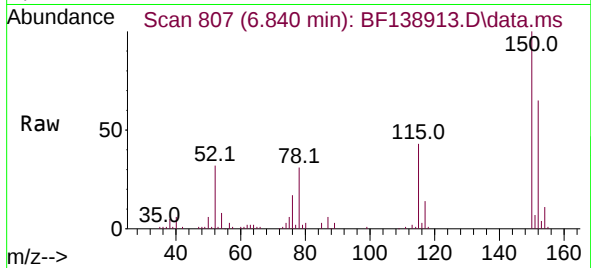




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

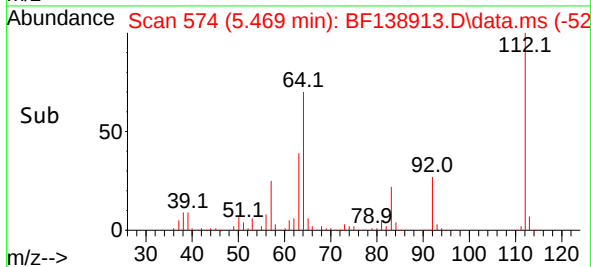
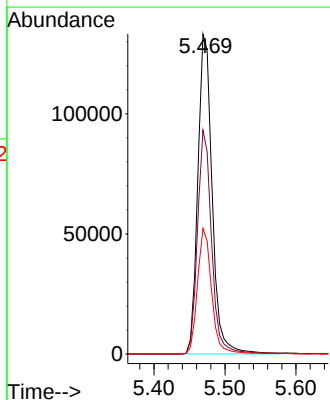
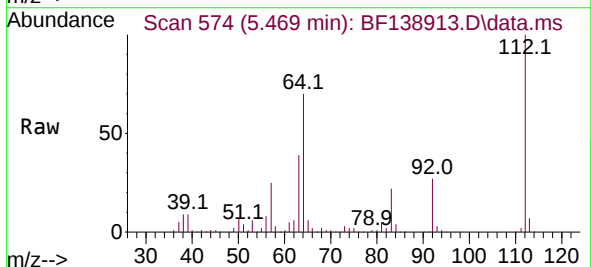
Instrument :
BNA_F
ClientSampleId :
919-J-WP0-0.25-080224

Tgt Ion:152 Resp: 36874
Ion Ratio Lower Upper
152 100
150 154.8 126.0 189.0
115 66.2 51.7 77.5



#5
2-Fluorophenol
Concen: 78.460 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

Tgt Ion:112 Resp: 187422
Ion Ratio Lower Upper
112 100
64 69.9 54.2 81.4
63 39.2 28.7 43.1

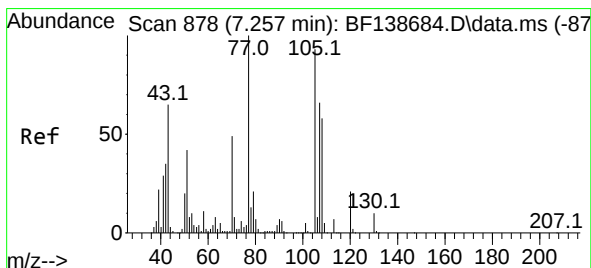
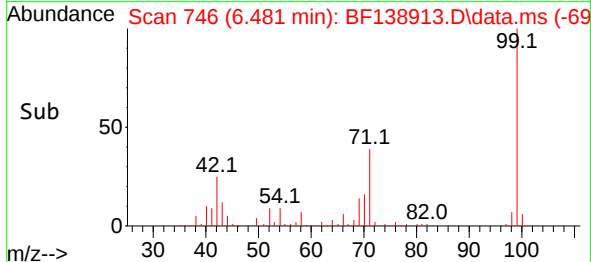
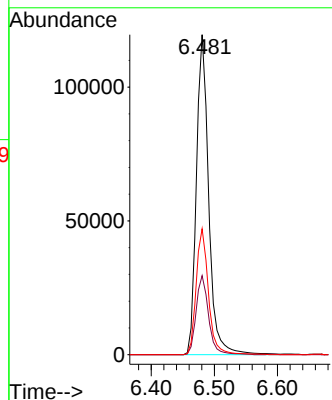
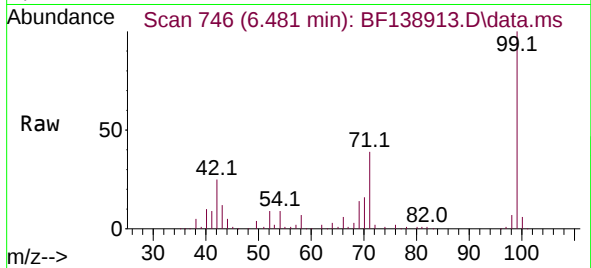




#7
Phenol-d6
Concen: 50.445 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

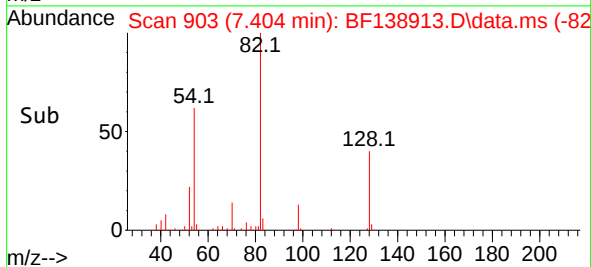
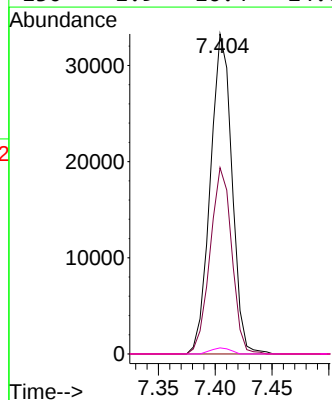
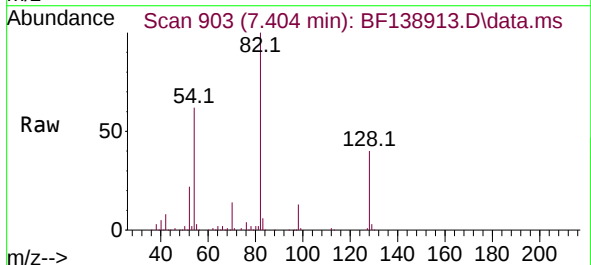
Instrument :
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ClientSampleId :
919-J-WP0-0.25-080224

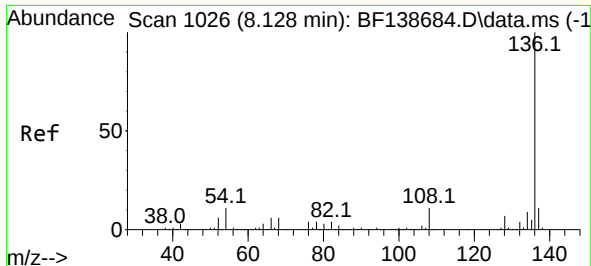
Tgt Ion: 99 Resp: 161786
Ion Ratio Lower Upper
99 100
42 24.7 17.4 26.0
71 39.3 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 22.712 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

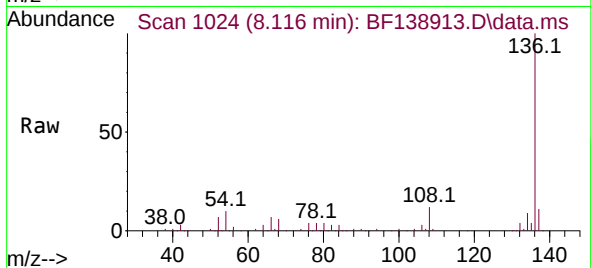
Tgt Ion: 70 Resp: 43994
Ion Ratio Lower Upper
70 100
42 58.2 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



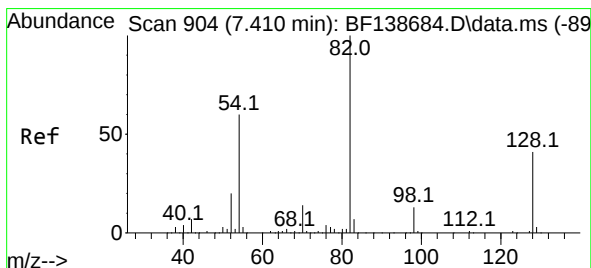
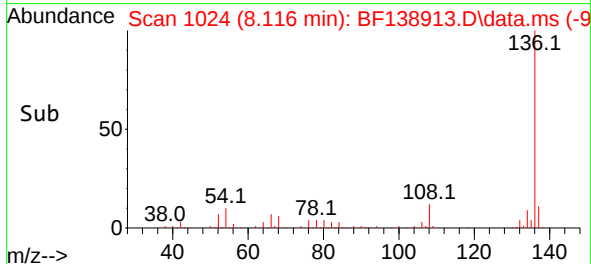
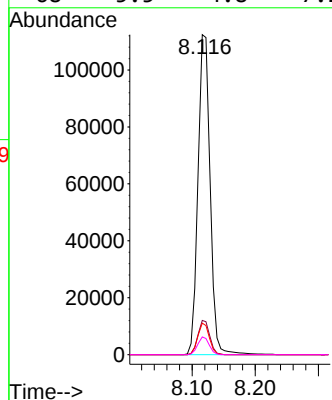


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

Instrument :
BNA_F
ClientSampleId :
919-J-WP0-0.25-080224

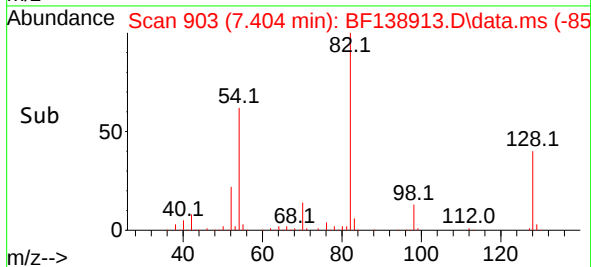
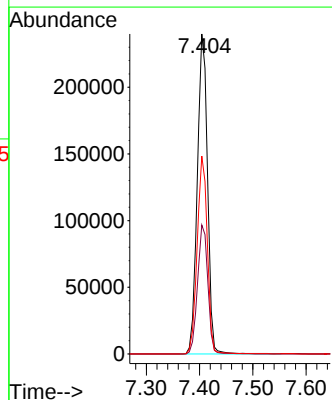
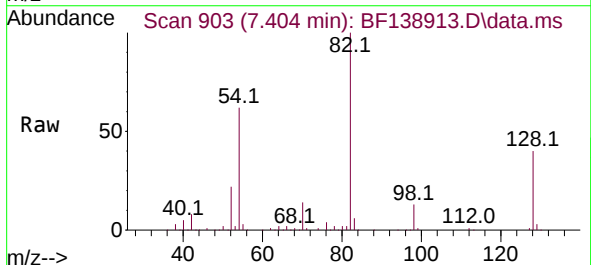


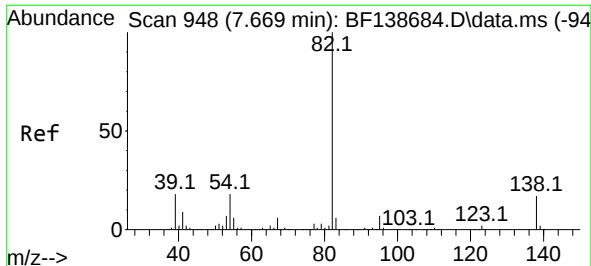
Tgt Ion:136 Resp: 150172
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.8 8.6 12.8
68 5.5 4.8 7.2



#23
Nitrobenzene-d5
Concen: 103.868 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

Tgt Ion: 82 Resp: 319036
Ion Ratio Lower Upper
82 100
128 40.3 32.8 49.2
54 61.8 48.3 72.5

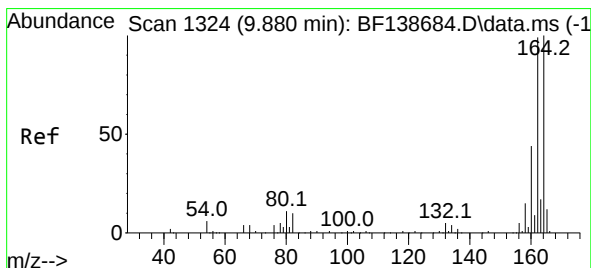
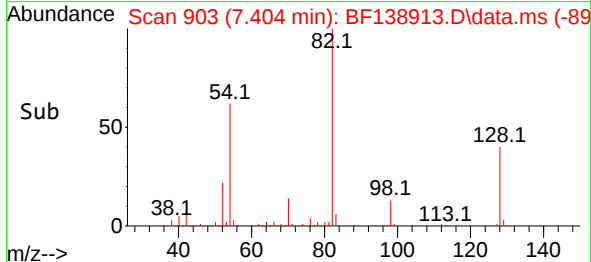
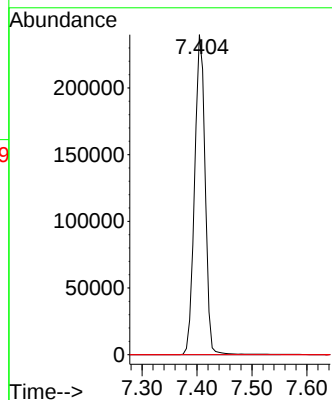
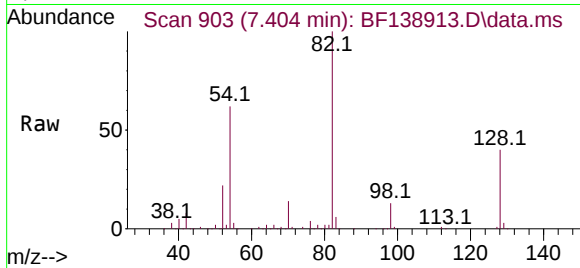




#25
Isophorone
Concen: 60.829 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

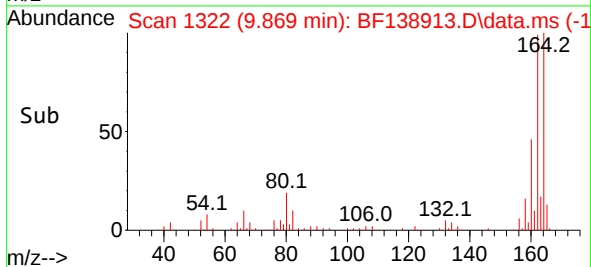
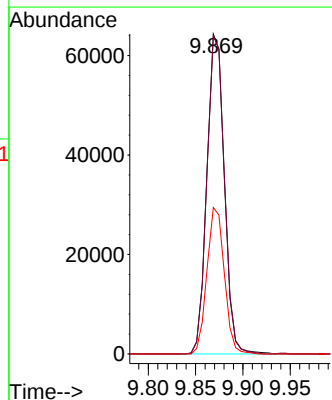
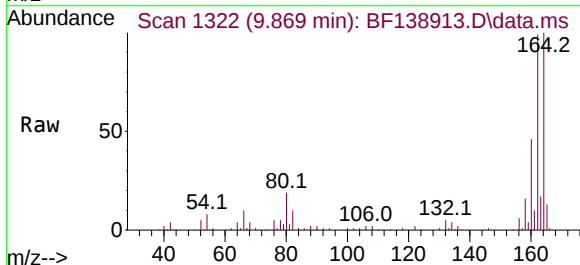
Instrument :
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ClientSampleId :
919-J-WP0-0.25-080224

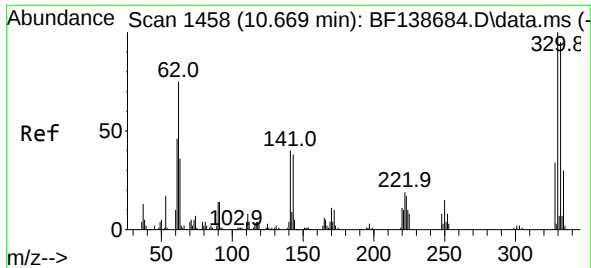
Tgt Ion: 82 Resp: 319034
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

Tgt Ion: 164 Resp: 82467
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.0
160 45.8 35.1 52.7

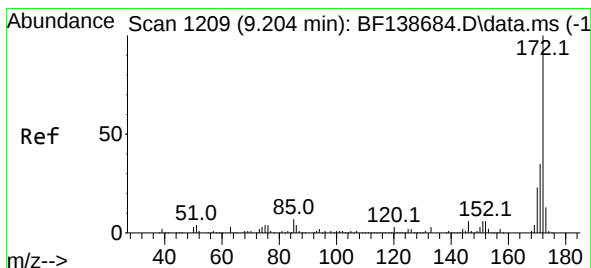
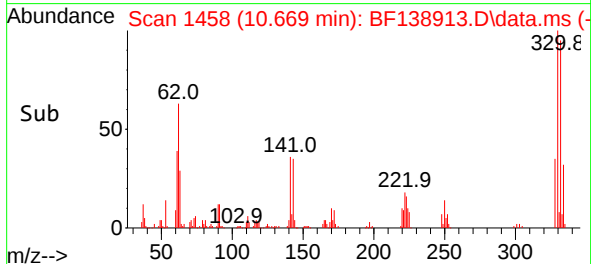
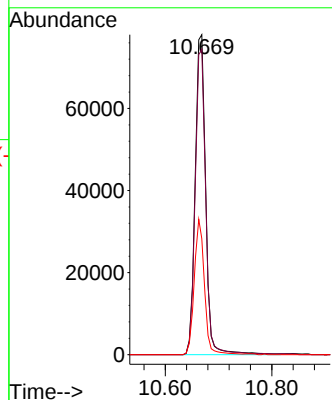
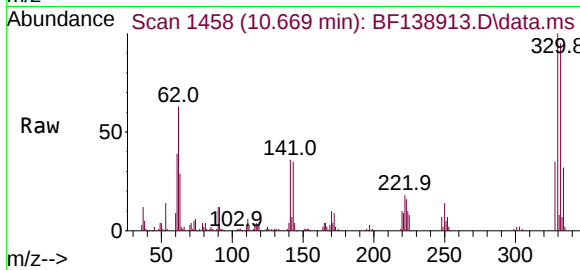




#42
2,4,6-Tribromophenol
Concen: 159.240 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

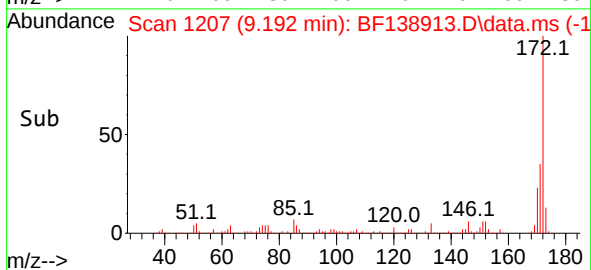
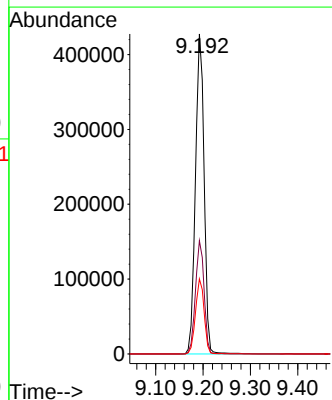
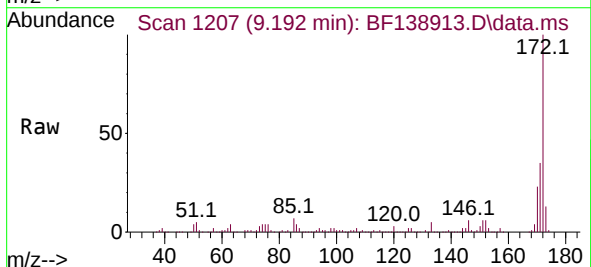
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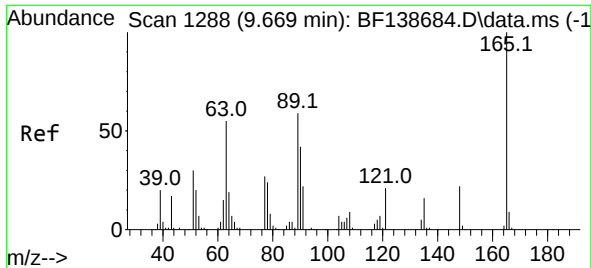
Tgt Ion:330 Resp: 107569
Ion Ratio Lower Upper
330 100
332 94.8 76.4 114.6
141 40.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 99.047 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

Tgt Ion:172 Resp: 543635
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.5 18.8 28.2

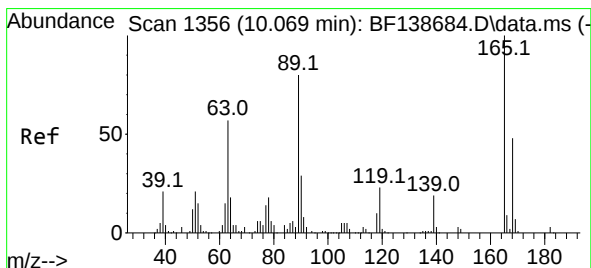
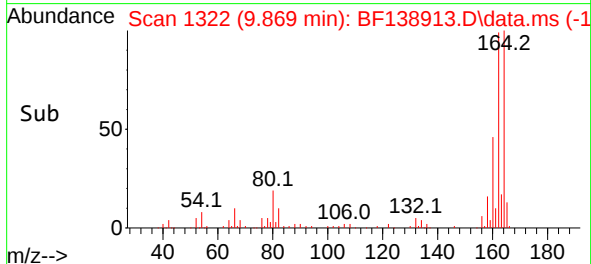
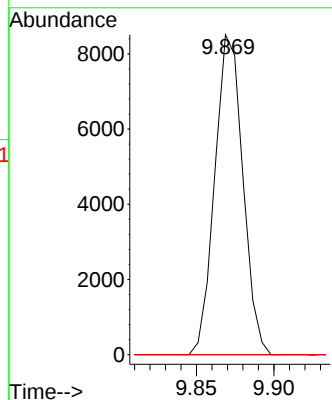
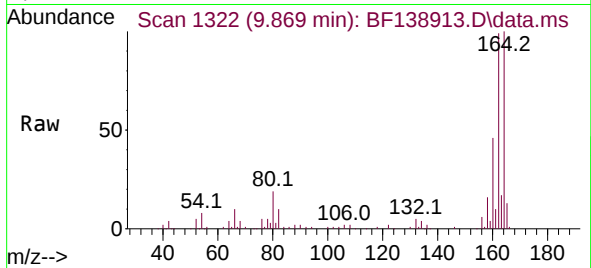




#51
2,6-Dinitrotoluene
Concen: 8.997 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

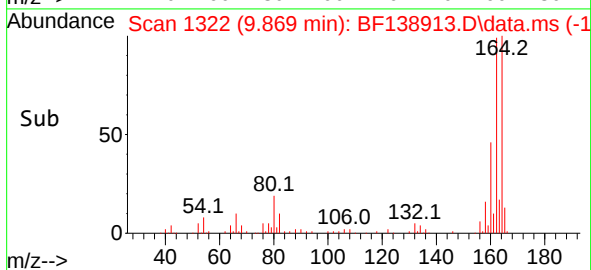
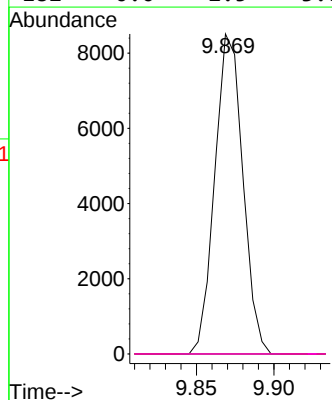
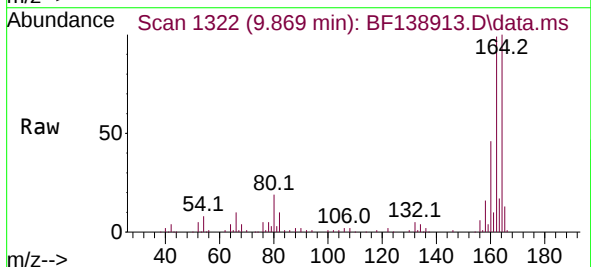
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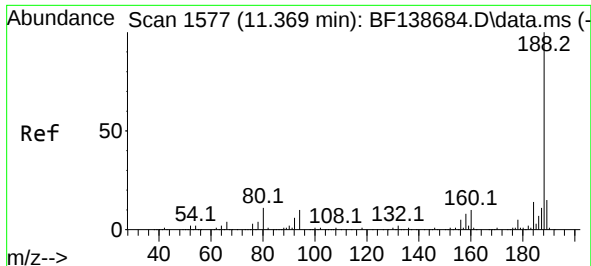
Tgt Ion:165 Resp: 10707
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.052 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

Tgt Ion:165 Resp: 10707
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#

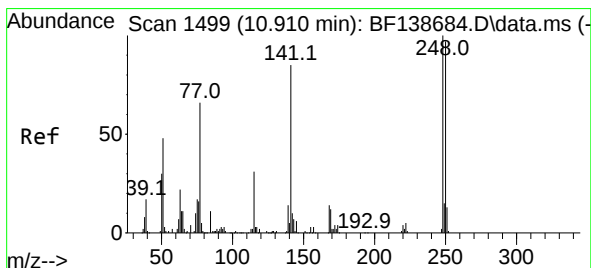
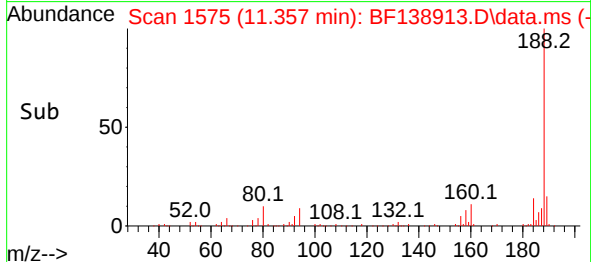
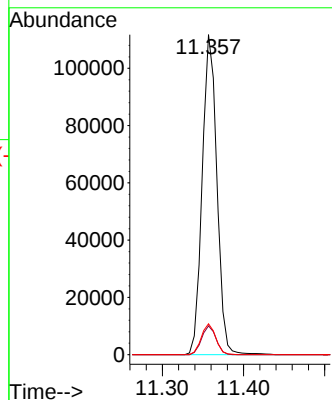
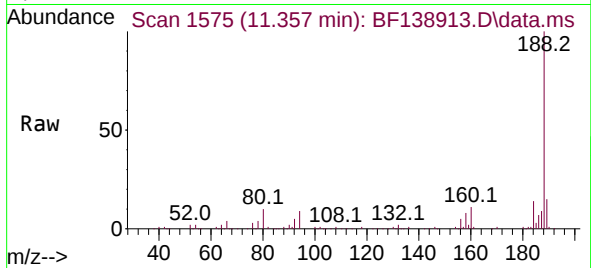




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

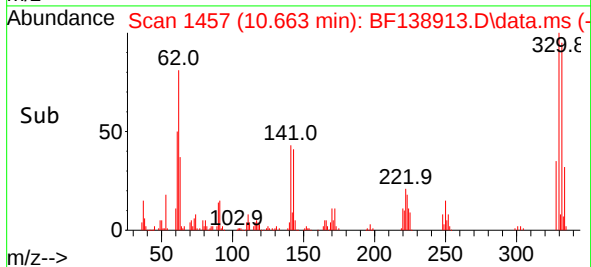
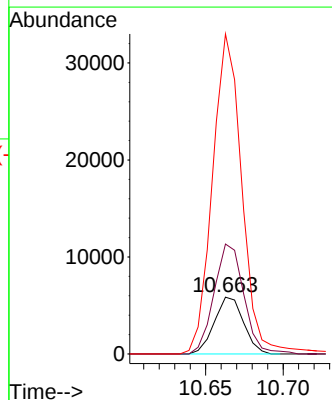
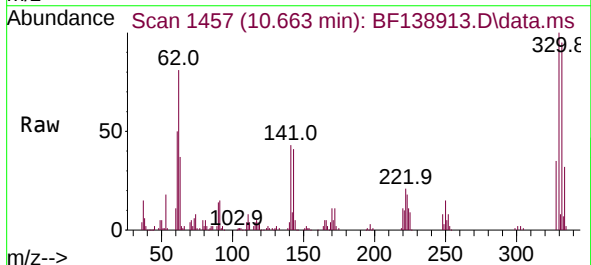
Instrument :
BNA_F
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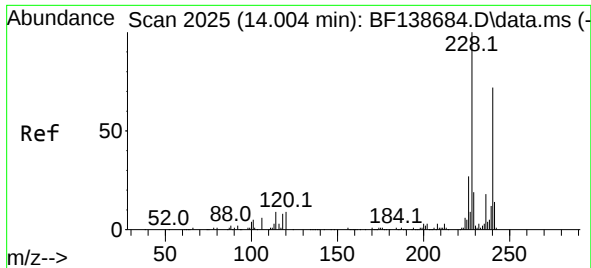
Tgt Ion:188 Resp: 140348
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 9.7 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 5.051 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.247 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

Tgt Ion:248 Resp: 7675
Ion Ratio Lower Upper
248 100
250 193.5 77.7 116.5#
141 563.6 68.0 102.0#

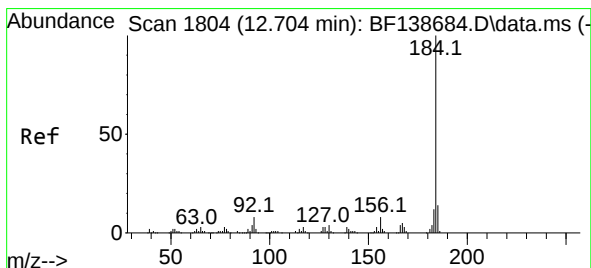
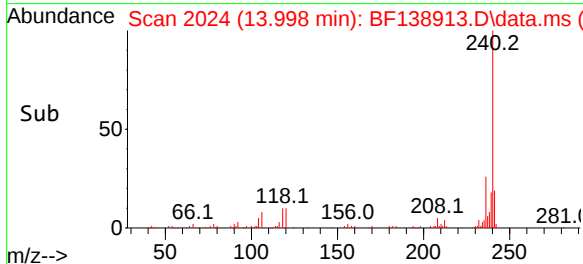
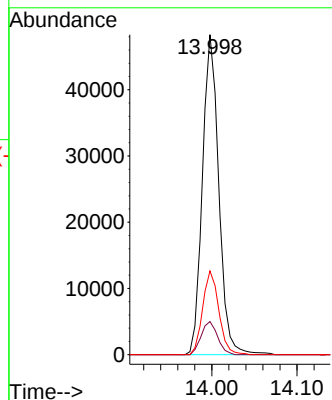
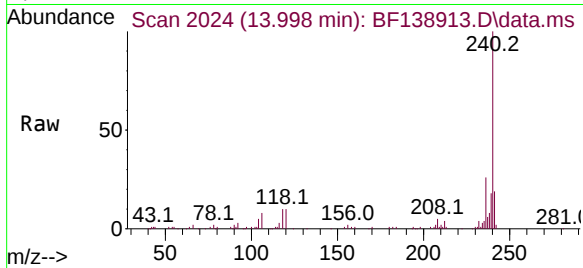




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

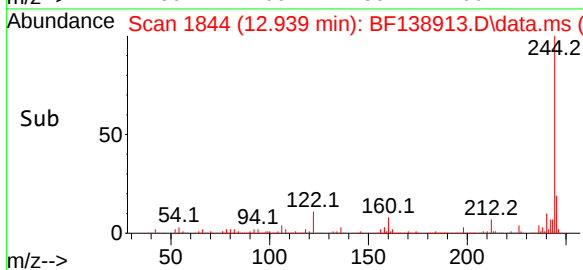
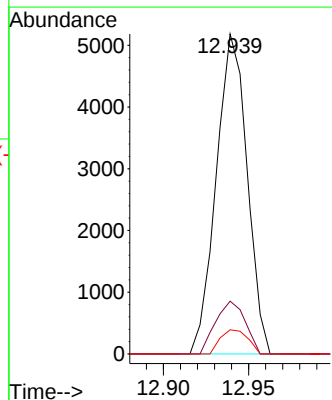
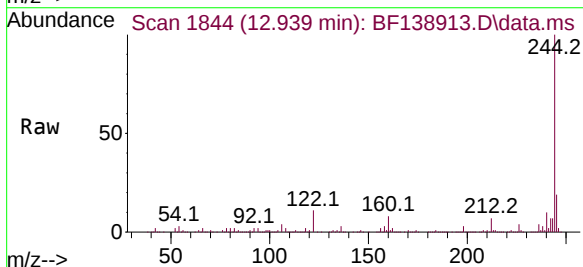
Instrument :
BNA_F
ClientSampleId :
919-J-WP0-0.25-080224

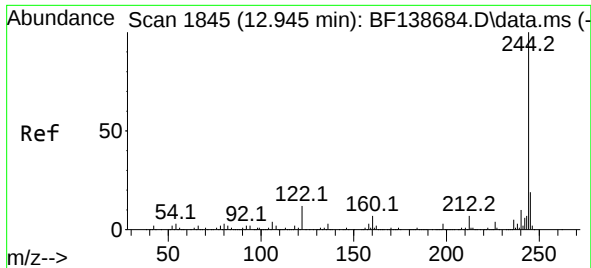
Tgt Ion:240 Resp: 64489
Ion Ratio Lower Upper
240 100
120 10.3 10.2 15.4
236 26.1 19.8 29.8



#77
Benzidine
Concen: 4.232 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.235 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

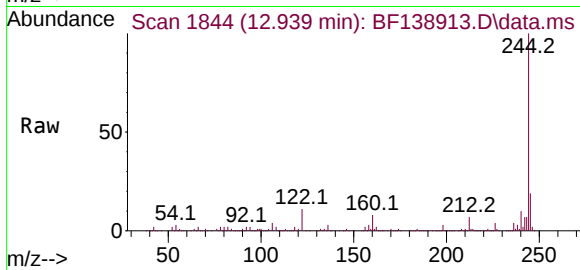
Tgt Ion:184 Resp: 6527
Ion Ratio Lower Upper
184 100
185 16.5 11.1 16.7
183 7.5 9.6 14.4#



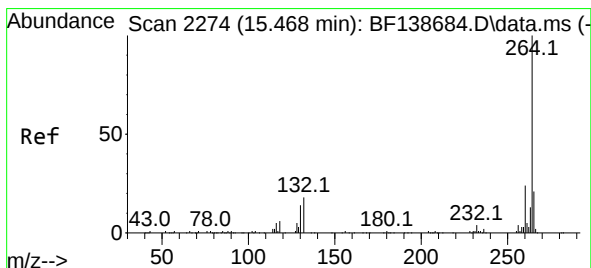
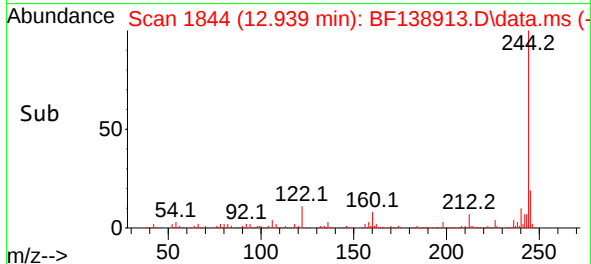
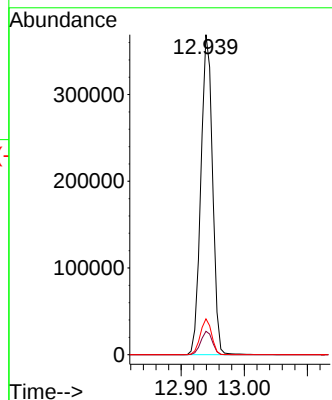


#79
Terphenyl-d14
Concen: 122.591 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

Instrument :
BNA_F
ClientSampleId :
919-J-WP0-0.25-080224



Tgt Ion:244 Resp: 472193
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 11.2 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

Tgt Ion:264 Resp: 82323
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.6
265 21.7 17.0 25.6

