

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138819.D
 Acq On : 06 Aug 2024 21:49
 Operator : RC/JU
 Sample : P3459-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-224-375

Quant Time: Aug 07 01:05:56 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)

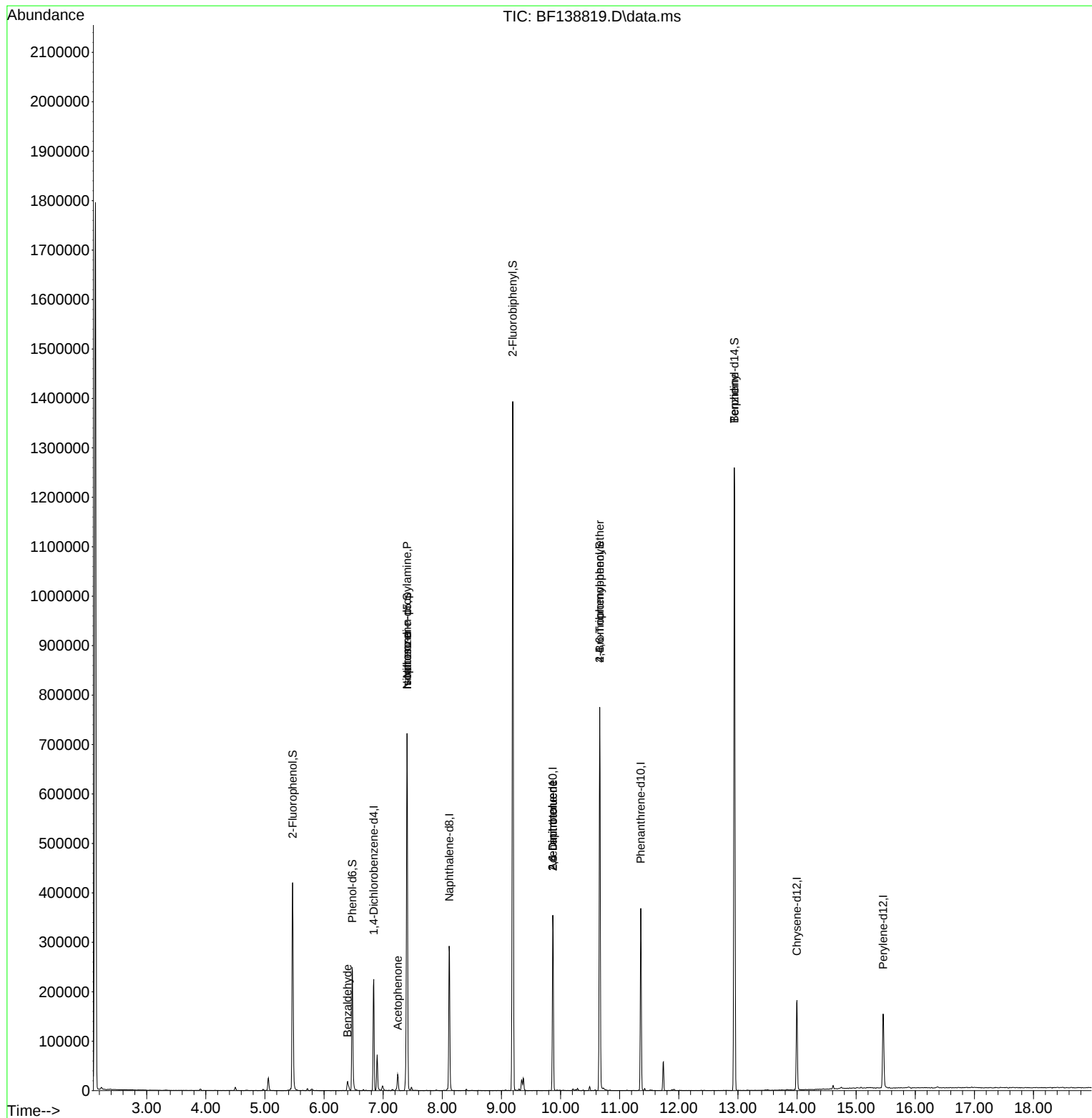
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	43716	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	178291	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	101714	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	183102	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	87474	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	89550	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	144443	51.004	ng	0.00
7) Phenol-d6	6.475	99	112260	29.525	ng	-0.01
23) Nitrobenzene-d5	7.404	82	318188	87.254	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	115073	138.114	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	600934	88.769	ng	-0.01
79) Terphenyl-d14	12.939	244	611345	117.013	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.399	77	5375	2.358	ng	96
19) n-Nitroso-di-n-propyla...	7.404	70	44046	19.180	ng	# 76
22) Acetophenone	7.245	105	12134	2.780	ng	# 88
25) Isophorone	7.404	82	316873	50.888	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	13384	9.119	ng	# 22
57) 2,4-Dinitrotoluene	9.869	165	13384	7.147	ng	# 18
67) 4-Bromophenyl-phenylether	10.663	248	8225	4.149	ng	# 1
77) Benzidine	12.939	184	8372	4.001	ng	# 90

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

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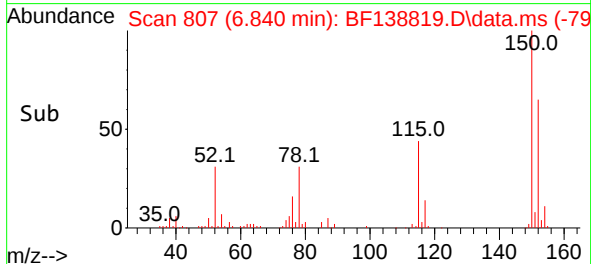
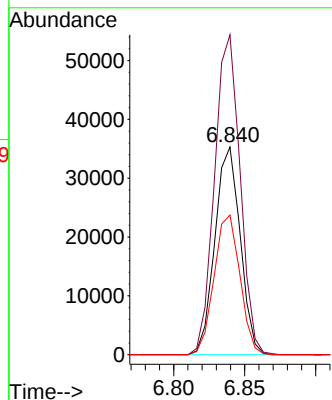
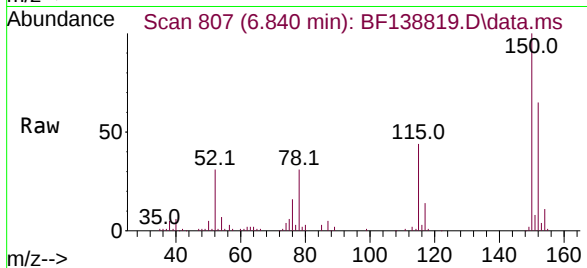




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138819.D
Acq: 06 Aug 2024 21:49

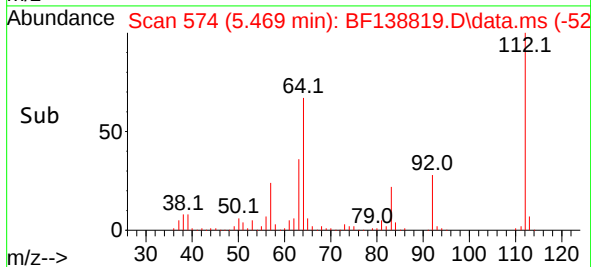
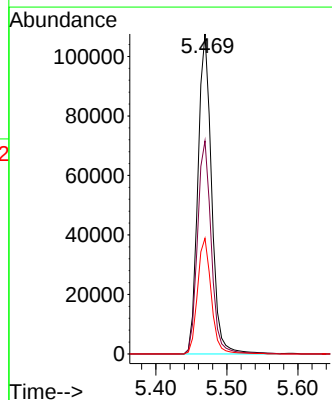
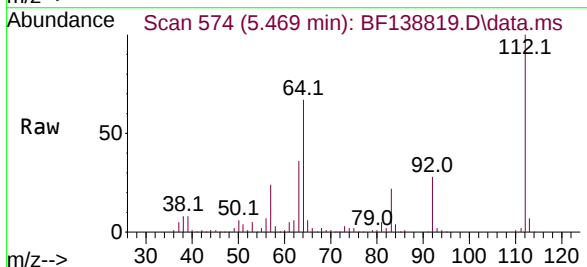
Instrument :
BNA_F
ClientSampleId :
EB-224-375

Tgt Ion:152 Resp: 43716
Ion Ratio Lower Upper
152 100
150 154.1 126.0 189.0
115 67.3 51.7 77.5



#5
2-Fluorophenol
Concen: 51.004 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138819.D
Acq: 06 Aug 2024 21:49

Tgt Ion:112 Resp: 144443
Ion Ratio Lower Upper
112 100
64 66.6 54.2 81.4
63 36.1 28.7 43.1

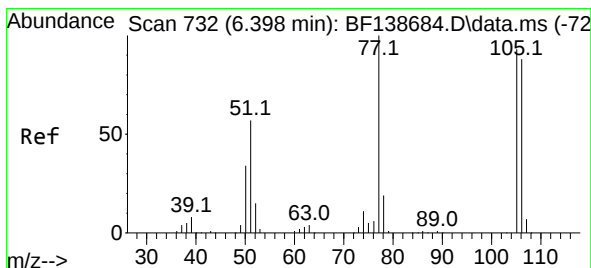
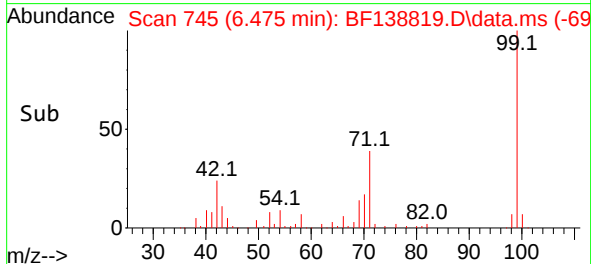
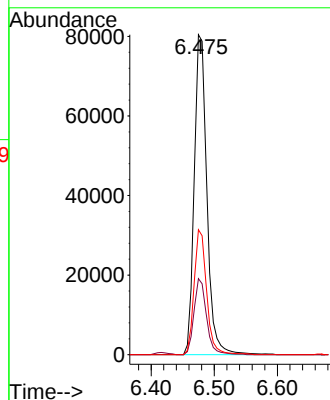
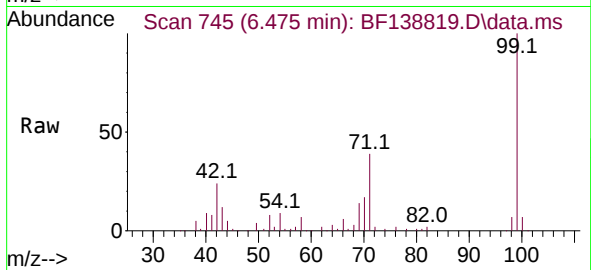




#7
Phenol-d6
Concen: 29.525 ng
RT: 6.475 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF138819.D
Acq: 06 Aug 2024 21:49

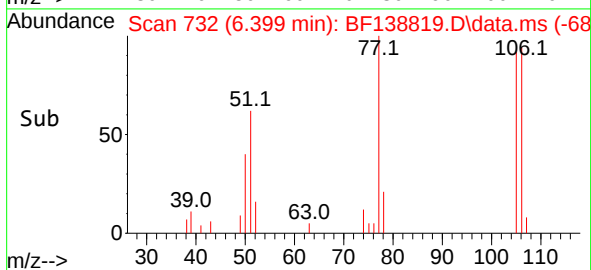
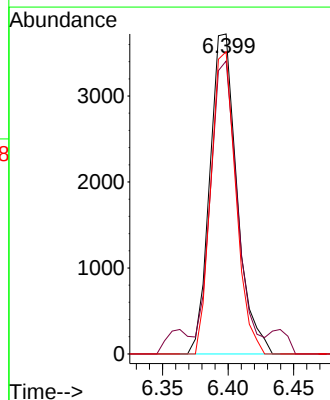
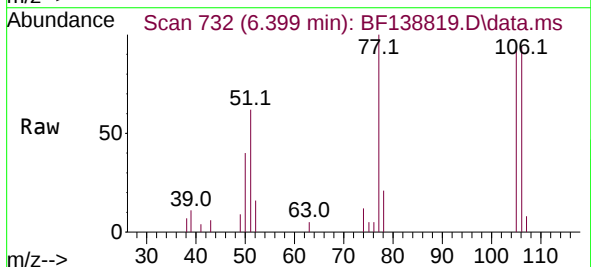
Instrument :
BNA_F
ClientSampleId :
EB-224-375

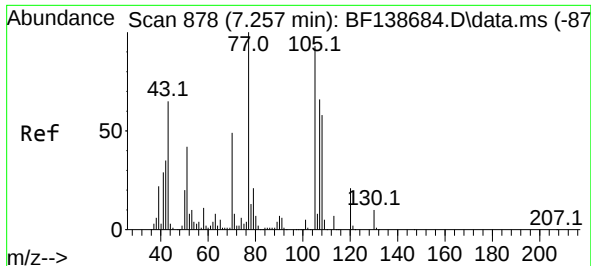
Tgt Ion: 99 Resp: 112260
Ion Ratio Lower Upper
99 100
42 23.7 17.4 26.0
71 39.1 28.1 42.1



#9
Benzaldehyde
Concen: 2.358 ng
RT: 6.399 min Scan# 732
Delta R.T. 0.001 min
Lab File: BF138819.D
Acq: 06 Aug 2024 21:49

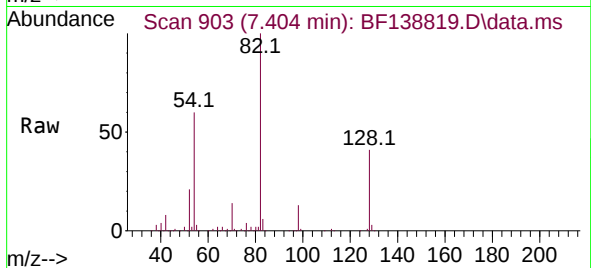
Tgt Ion: 77 Resp: 5375
Ion Ratio Lower Upper
77 100
105 91.6 72.9 112.9
106 94.5 68.4 108.4



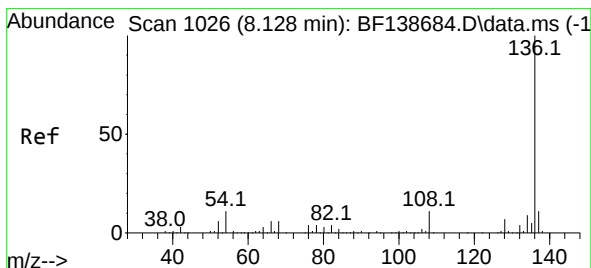
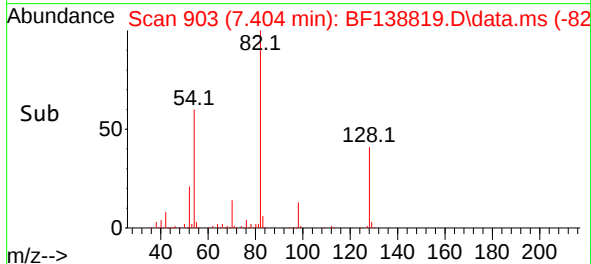
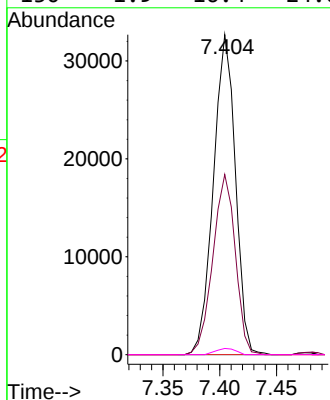


#19
n-Nitroso-di-n-propylamine
Concen: 19.180 ng
RT: 7.404 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF138819.D
Acq: 06 Aug 2024 21:49

Instrument :
BNA_F
ClientSampleId :
EB-224-375

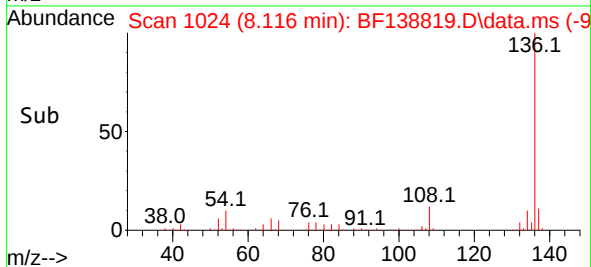
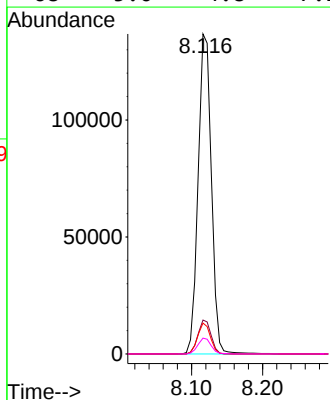
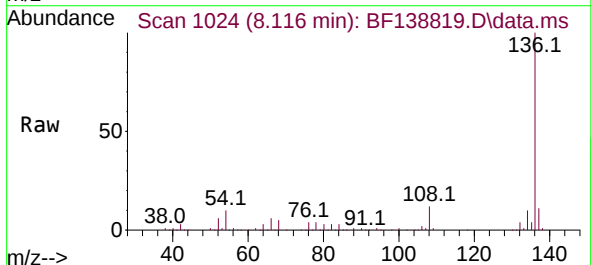


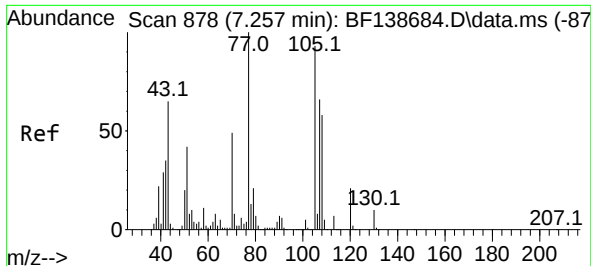
Tgt Ion: 70 Resp: 44046
Ion Ratio Lower Upper
70 100
42 56.3 57.4 86.0#
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138819.D
Acq: 06 Aug 2024 21:49

Tgt Ion: 136 Resp: 178291
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.6 8.6 12.8
68 5.0 4.8 7.2

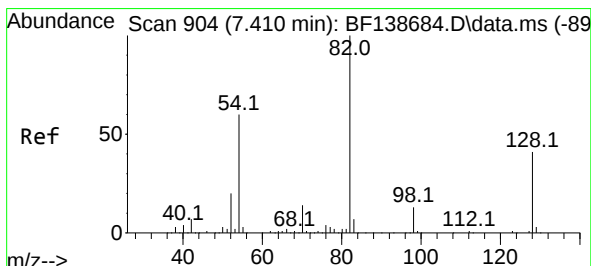
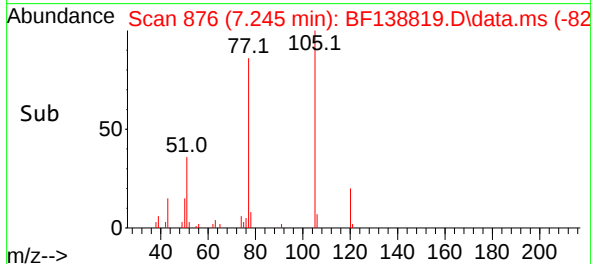
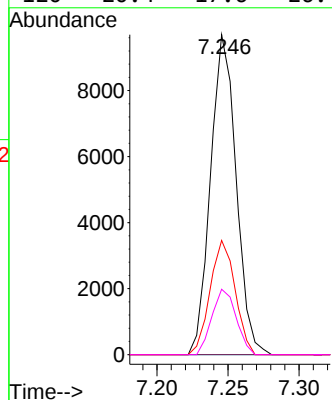
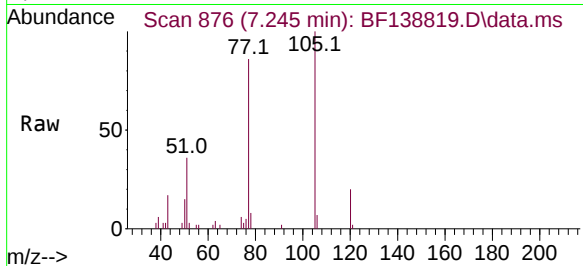




#22
Acetophenone
Concen: 2.780 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138819.D
Acq: 06 Aug 2024 21:49

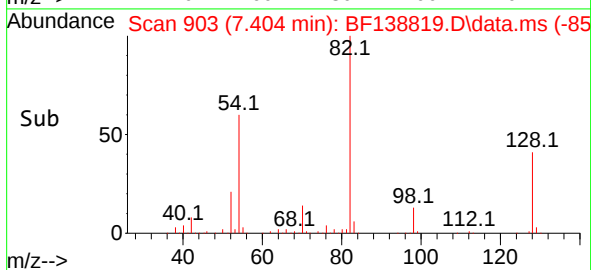
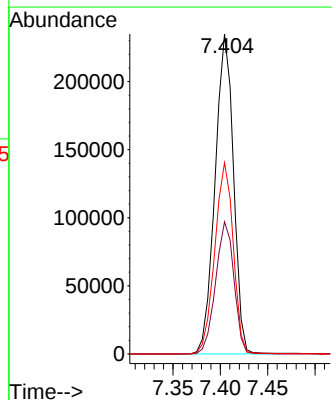
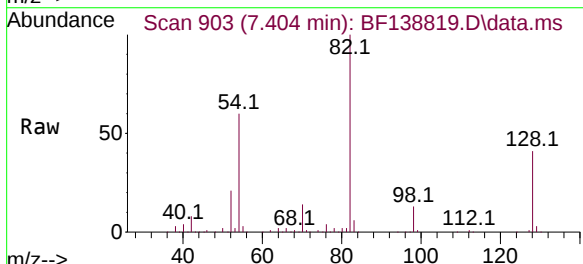
Instrument :
BNA_F
ClientSampleId :
EB-224-375

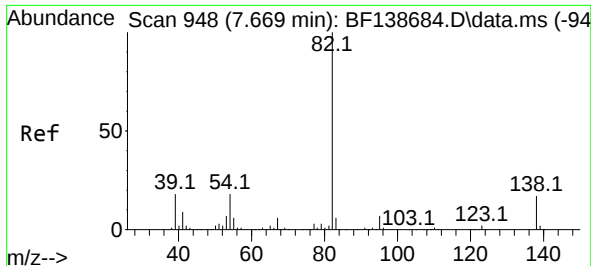
Tgt Ion:	105	Resp:	12134
Ion	Ratio	Lower	Upper
105	100		
71	0.0	7.2	10.8#
51	35.7	35.9	53.9#
120	20.4	17.6	26.4



#23
Nitrobenzene-d5
Concen: 87.254 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138819.D
Acq: 06 Aug 2024 21:49

Tgt Ion:	82	Resp:	318188
Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.8	49.2
54	59.8	48.3	72.5

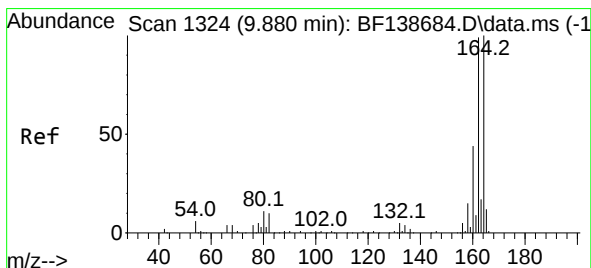
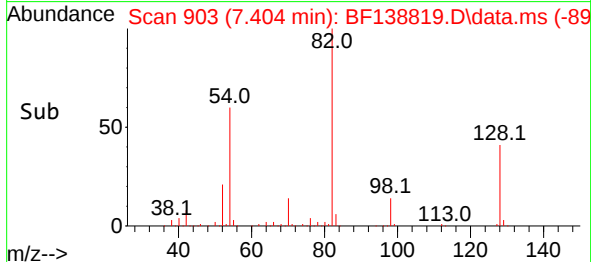
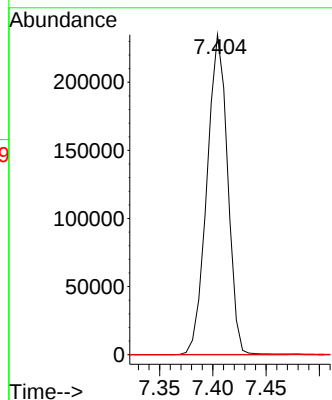
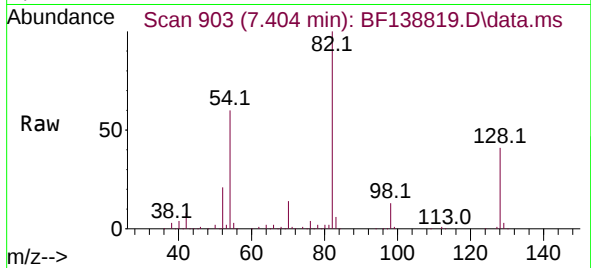




#25
Isophorone
Concen: 50.888 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138819.D
Acq: 06 Aug 2024 21:49

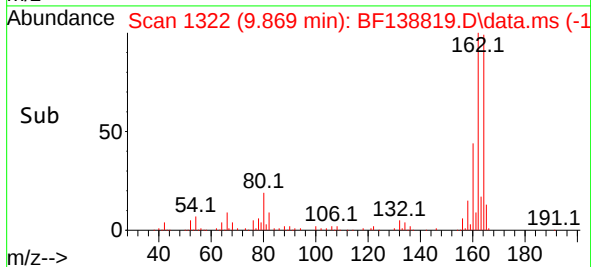
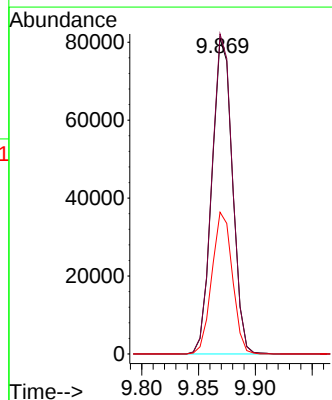
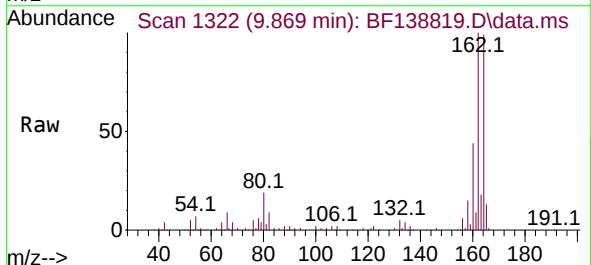
Instrument :
BNA_F
ClientSampleId :
EB-224-375

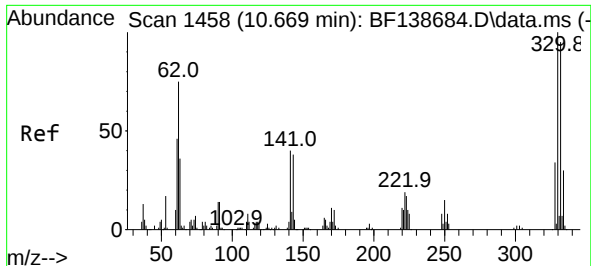
Tgt Ion: 82 Resp: 316873
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138819.D
Acq: 06 Aug 2024 21:49

Tgt Ion:164 Resp: 101714
Ion Ratio Lower Upper
164 100
162 101.3 79.4 119.0
160 44.9 35.1 52.7

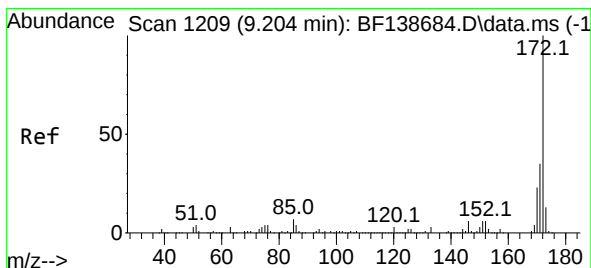
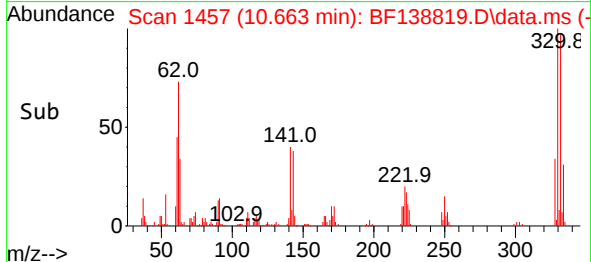
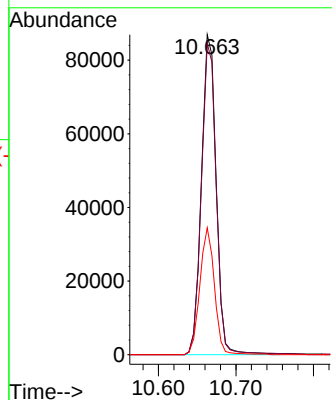
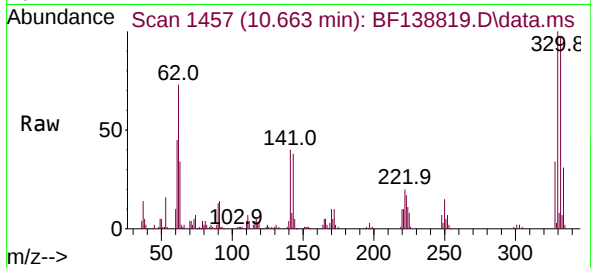




#42
2,4,6-Tribromophenol
Concen: 138.114 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138819.D
Acq: 06 Aug 2024 21:49

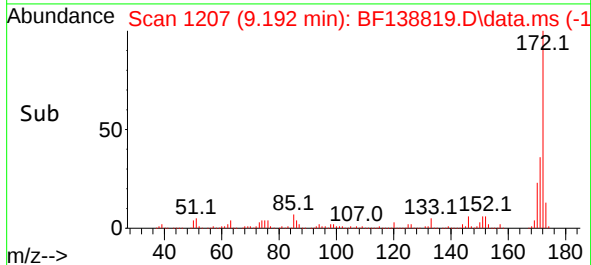
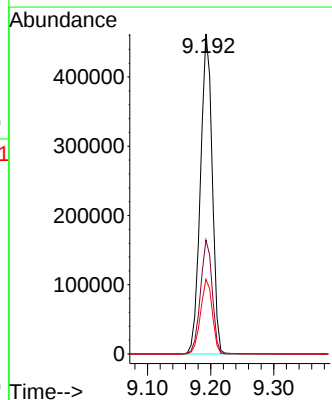
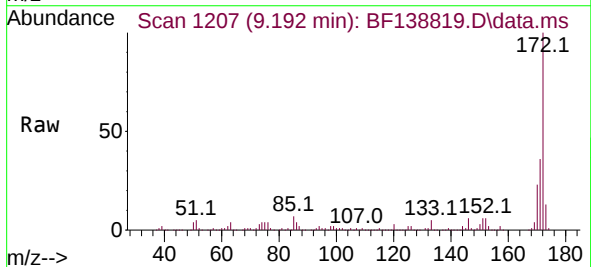
Instrument :
BNA_F
ClientSampleId :
EB-224-375

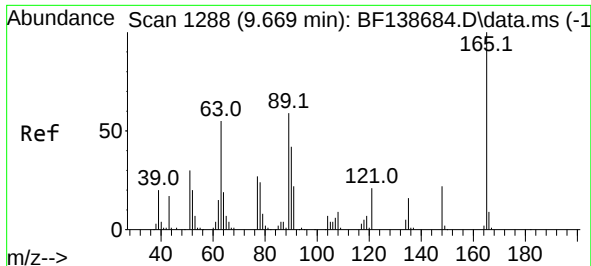
Tgt Ion: 330 Resp: 115073
Ion Ratio Lower Upper
330 100
332 97.9 76.4 114.6
141 39.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 88.769 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138819.D
Acq: 06 Aug 2024 21:49

Tgt Ion: 172 Resp: 600934
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.3 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.119 ng

RT: 9.869 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF138819.D

Acq: 06 Aug 2024 21:49

Instrument :

BNA_F

ClientSampleId :

EB-224-375

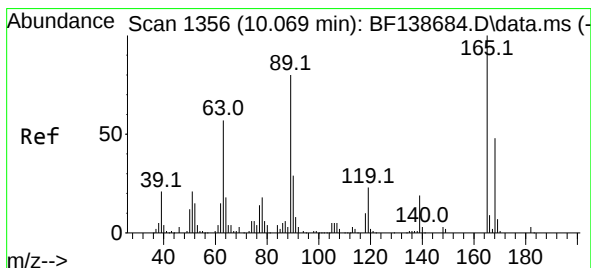
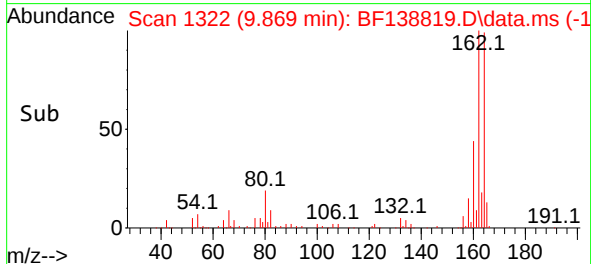
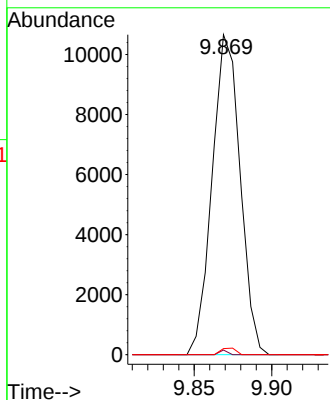
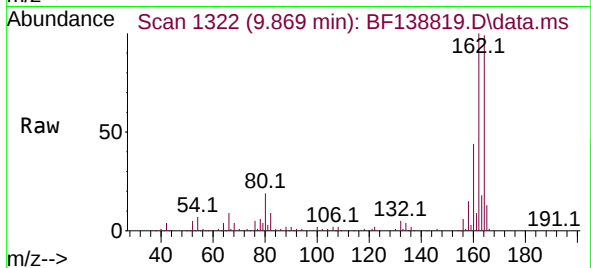
Tgt Ion:165 Resp: 13384

Ion Ratio Lower Upper

165 100

63 1.5 52.0 78.0#

89 1.9 47.0 70.6#



#57

2,4-Dinitrotoluene

Concen: 7.147 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.200 min

Lab File: BF138819.D

Acq: 06 Aug 2024 21:49

Tgt Ion:165 Resp: 13384

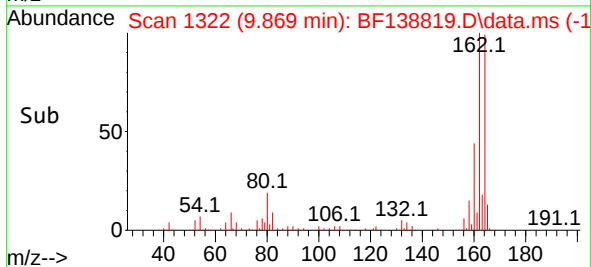
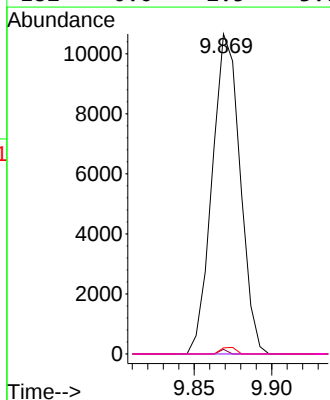
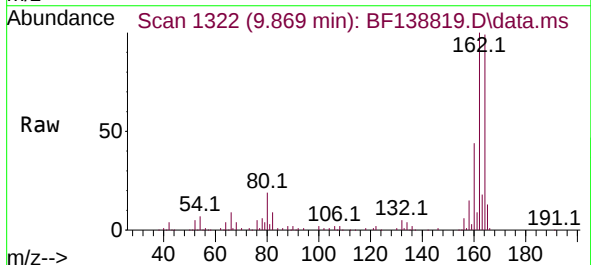
Ion Ratio Lower Upper

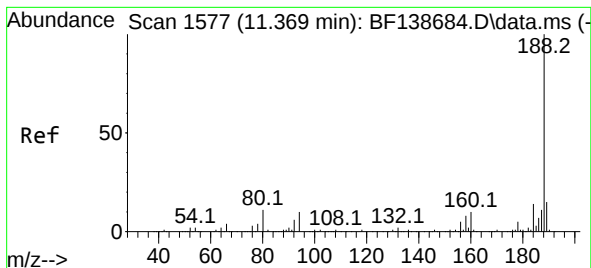
165 100

63 1.5 46.3 69.5#

89 1.9 64.2 96.4#

182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138819.D

Acq: 06 Aug 2024 21:49

Instrument :

BNA_F

ClientSampleId :

EB-224-375

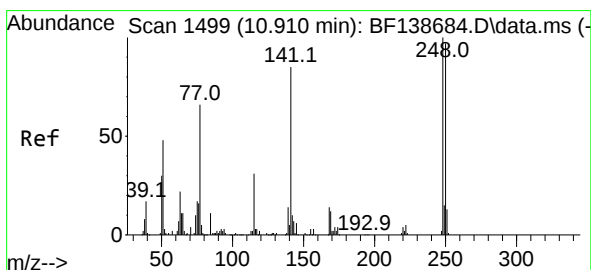
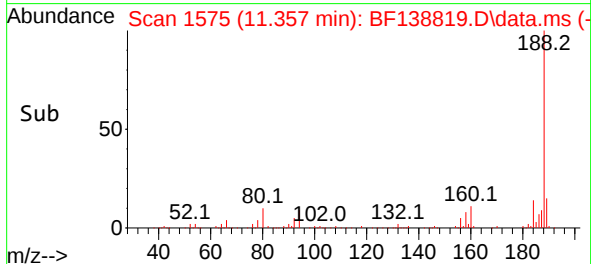
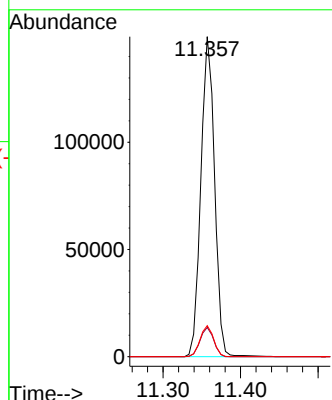
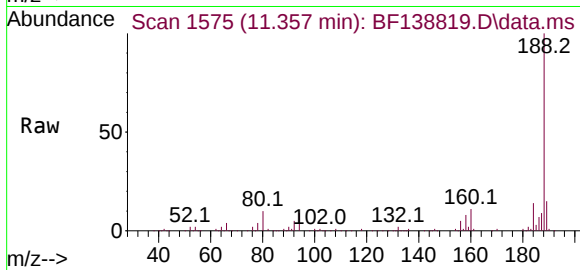
Tgt Ion:188 Resp: 183102

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.7 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.149 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138819.D

Acq: 06 Aug 2024 21:49

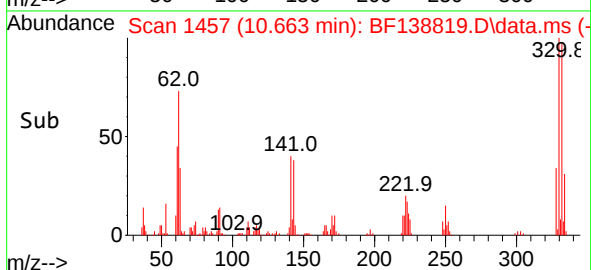
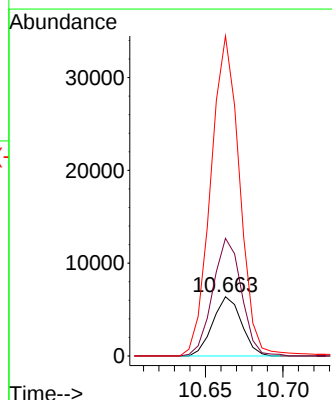
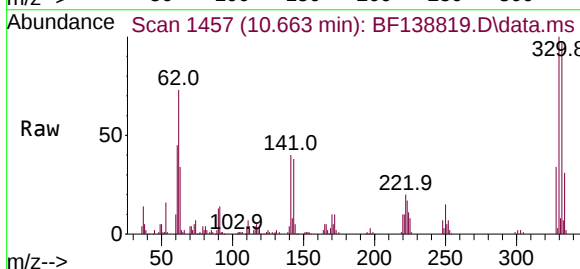
Tgt Ion:248 Resp: 8225

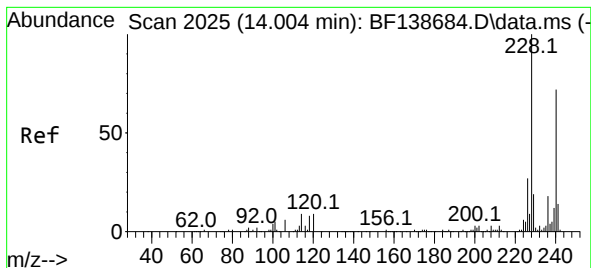
Ion Ratio Lower Upper

248 100

250 198.8 77.7 116.5#

141 540.8 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: BF138819.D

Acq: 06 Aug 2024 21:49

Instrument :

BNA_F

ClientSampleId :

EB-224-375

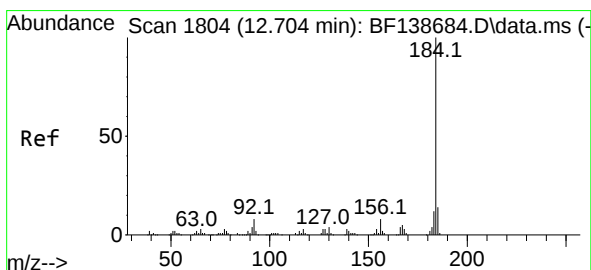
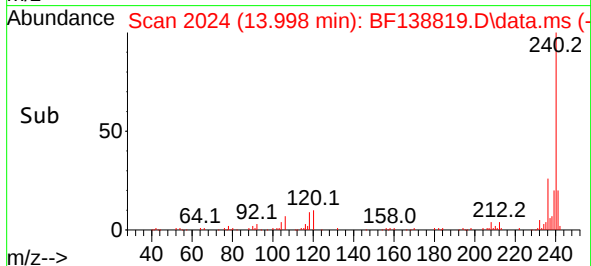
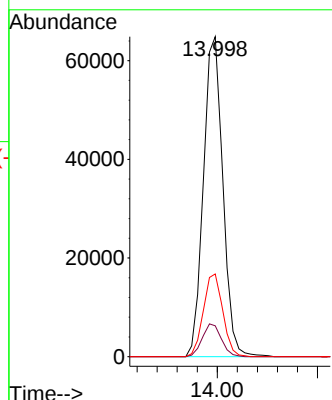
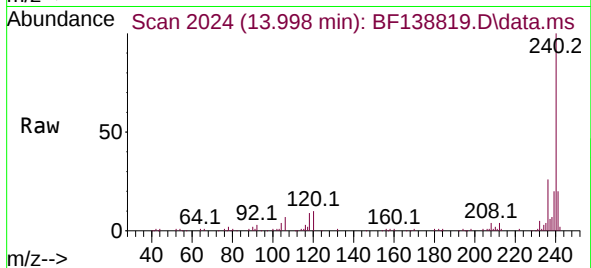
Tgt Ion:240 Resp: 87474

Ion Ratio Lower Upper

240 100

120 9.6 10.2 15.4#

236 25.9 19.8 29.8



#77

Benzidine

Concen: 4.001 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138819.D

Acq: 06 Aug 2024 21:49

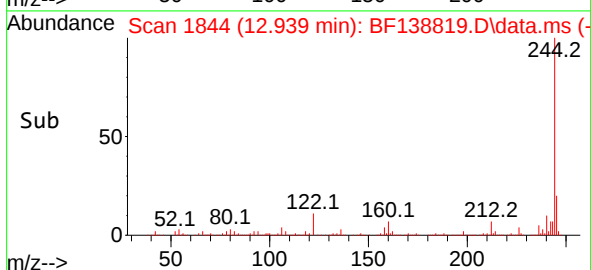
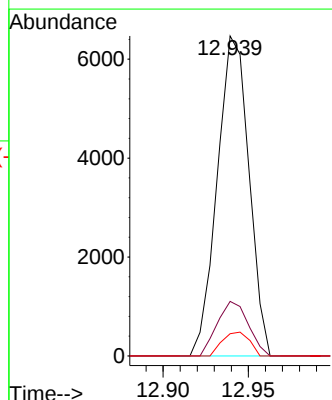
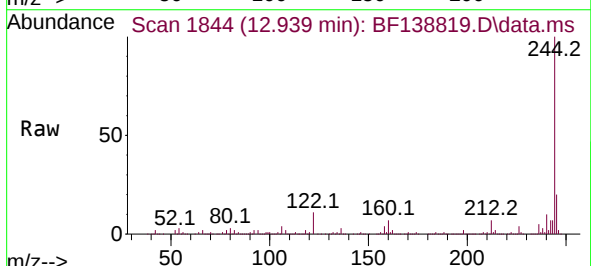
Tgt Ion:184 Resp: 8372

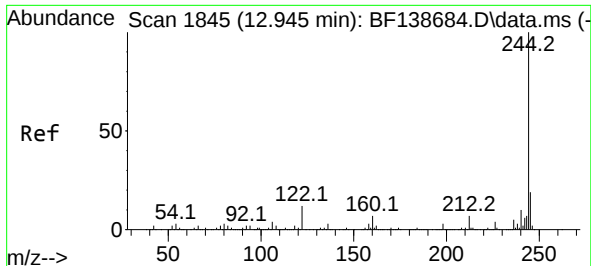
Ion Ratio Lower Upper

184 100

185 17.1 11.1 16.7#

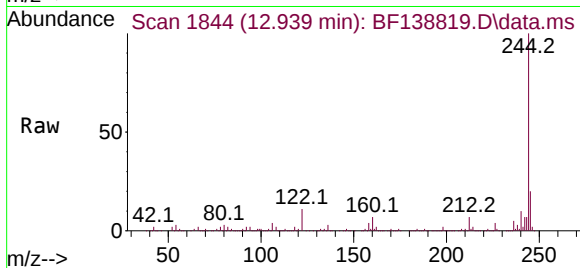
183 7.0 9.6 14.4#



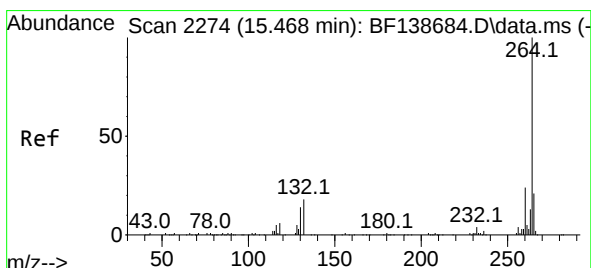
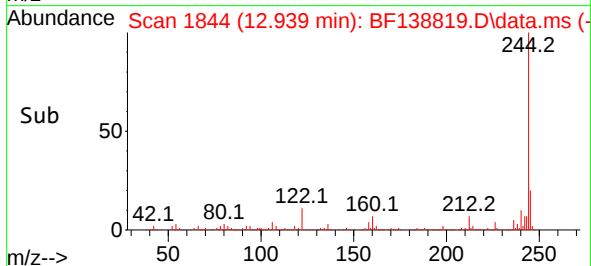
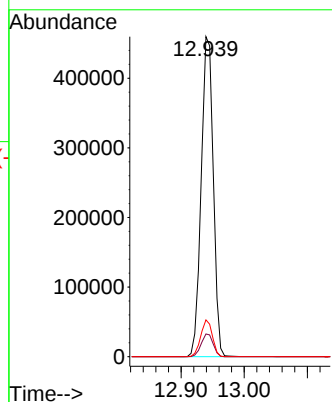


#79
Terphenyl-d14
Concen: 117.013 ng
RT: 12.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138819.D
Acq: 06 Aug 2024 21:49

Instrument :
BNA_F
ClientSampleId :
EB-224-375



Tgt Ion:244 Resp: 611345
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.5 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF138819.D
Acq: 06 Aug 2024 21:49

Tgt Ion:264 Resp: 89550
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.6
265 21.6 17.0 25.6

