

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF139002.D
 Acq On : 14 Aug 2024 19:16
 Operator : RC/JU
 Sample : P3476-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MUL07RE

Quant Time: Aug 15 01:12:15 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)

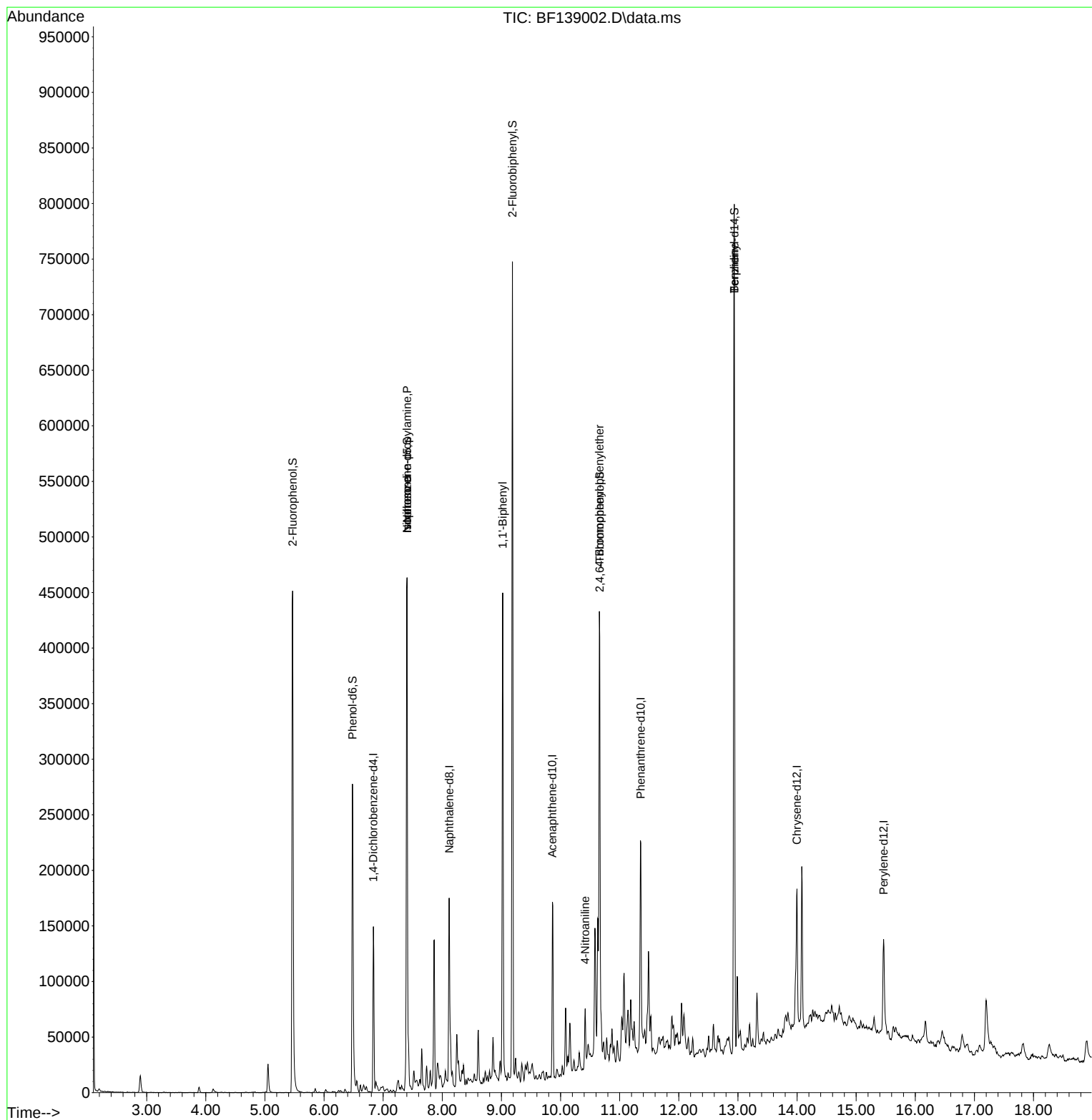
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	27189	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	93187	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	42123	20.000	ng	-0.02
64) Phenanthrene-d10	11.357	188	79937	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	52987	20.000	ng	0.00
86) Perylene-d12	15.463	264	41690	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	163186	92.649	ng	0.00
7) Phenol-d6	6.481	99	127520	53.925	ng	0.00
23) Nitrobenzene-d5	7.404	82	191391	100.415	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	56060	162.472	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	283905	101.267	ng	-0.02
79) Terphenyl-d14	12.939	244	348877	110.237	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	27094	18.970	ng	# 82
25) Isophorone	7.404	82	191388	58.806	ng	# 66
46) 1,1'-Biphenyl	9.022	154	97414	29.528	ng	# 46
62) 4-Nitroaniline	10.416	138	1347	2.256	ng	77
67) 4-Bromophenyl-phenylether	10.657	248	4201	4.854	ng	# 1
77) Benzidine	12.939	184	5641	4.451	ng	# 89

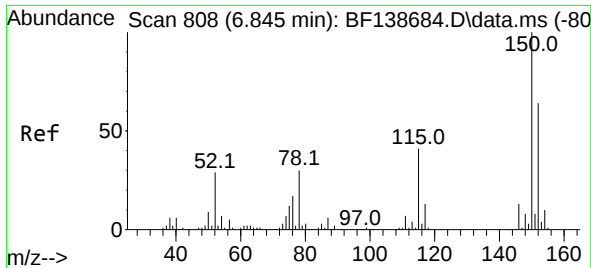
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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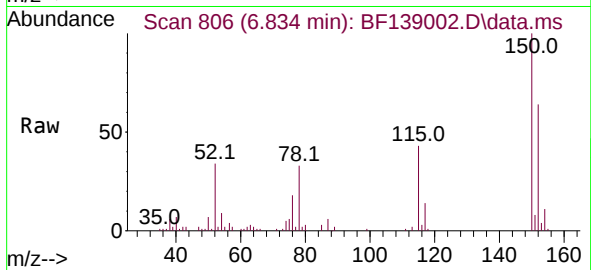
Quant Time: Aug 15 01:12:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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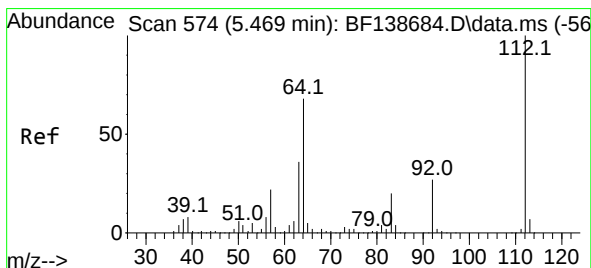
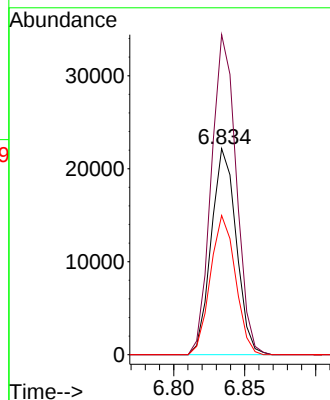
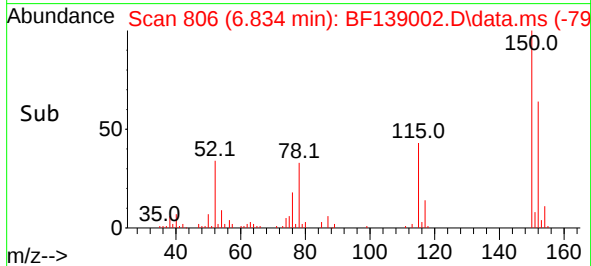


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139002.D
Acq: 14 Aug 2024 19:16

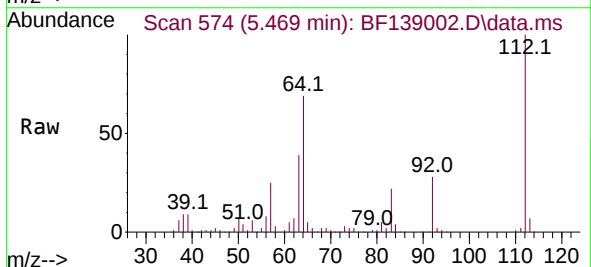
Instrument :
BNA_F
ClientSampleId :
MUL07RE



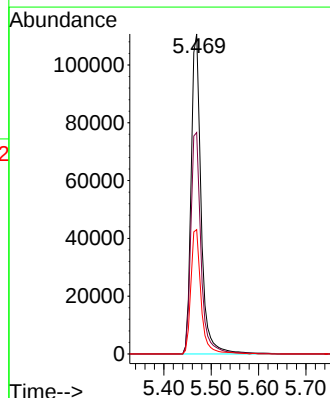
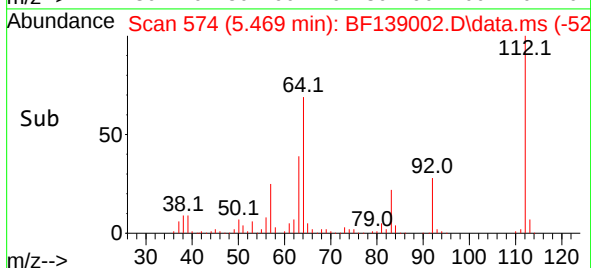
Tgt Ion:152 Resp: 27189
Ion Ratio Lower Upper
152 100
150 155.3 126.0 189.0
115 67.6 51.7 77.5

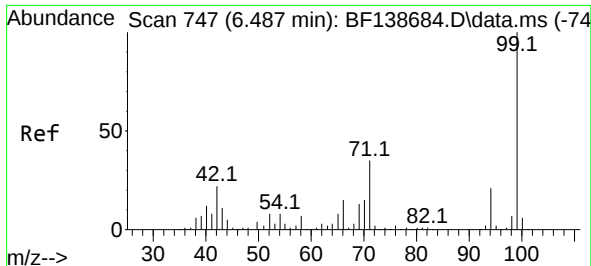


#5
2-Fluorophenol
Concen: 92.649 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF139002.D
Acq: 14 Aug 2024 19:16



Tgt Ion:112 Resp: 163186
Ion Ratio Lower Upper
112 100
64 69.2 54.2 81.4
63 38.8 28.7 43.1

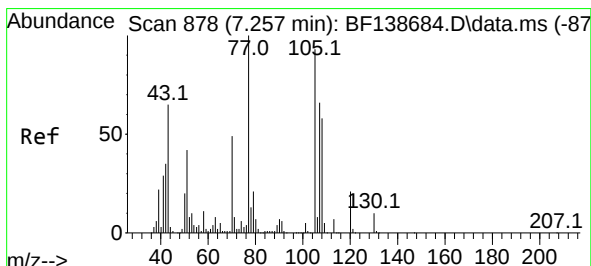
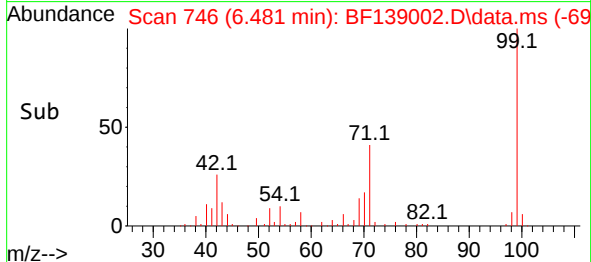
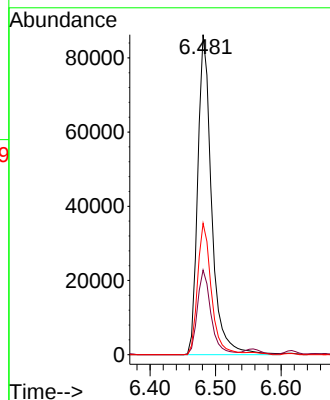
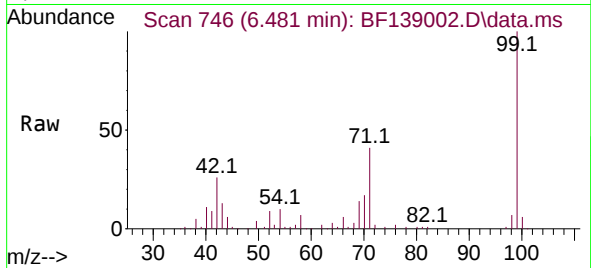




#7
Phenol-d6
Concen: 53.925 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139002.D
Acq: 14 Aug 2024 19:16

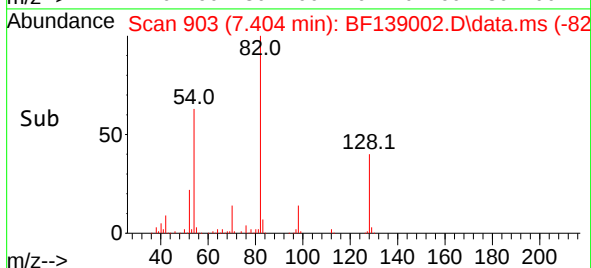
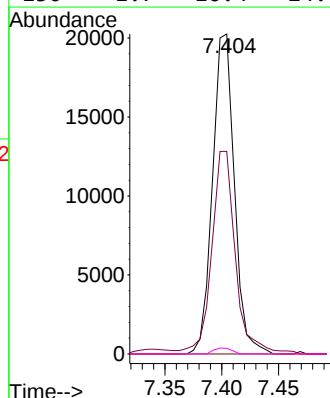
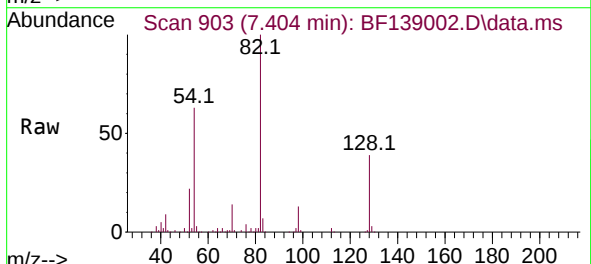
Instrument :
BNA_F
ClientSampleId :
MUL07RE

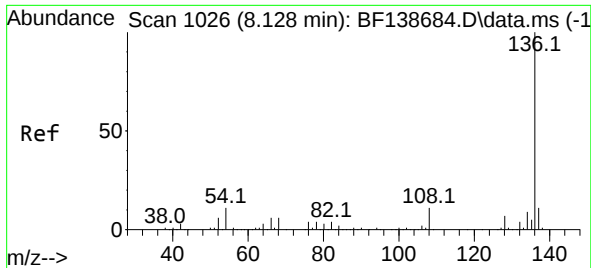
Tgt Ion: 99 Resp: 127520
Ion Ratio Lower Upper
99 100
42 26.4 17.4 26.0#
71 41.0 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.970 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF139002.D
Acq: 14 Aug 2024 19:16

Tgt Ion: 70 Resp: 27094
Ion Ratio Lower Upper
70 100
42 63.3 57.4 86.0
101 0.0 7.5 11.3#
130 1.7 16.4 24.6#

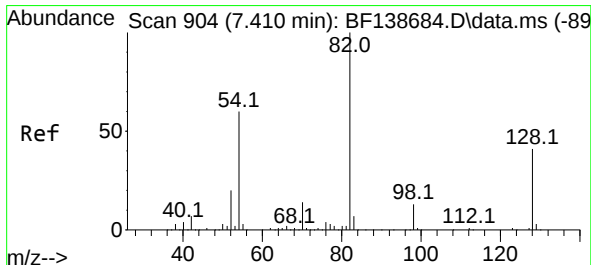
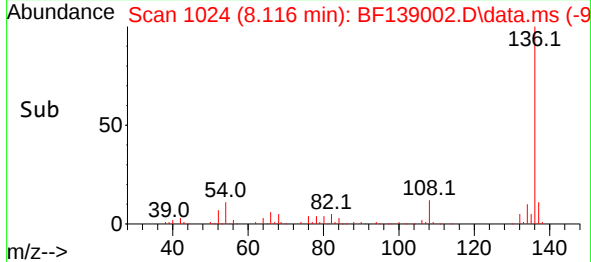
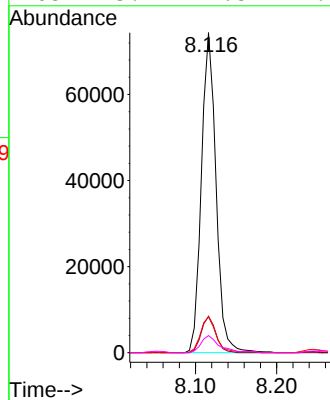
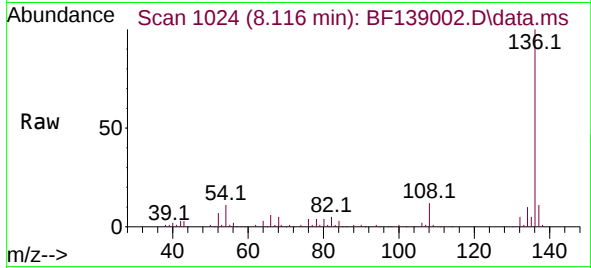




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF139002.D
Acq: 14 Aug 2024 19:16

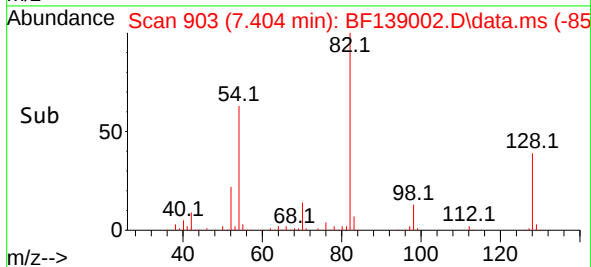
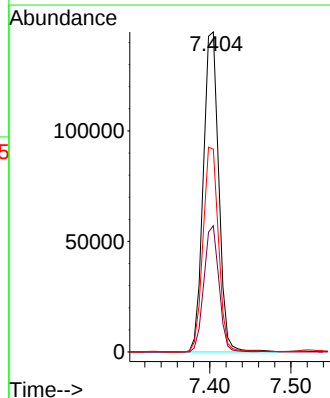
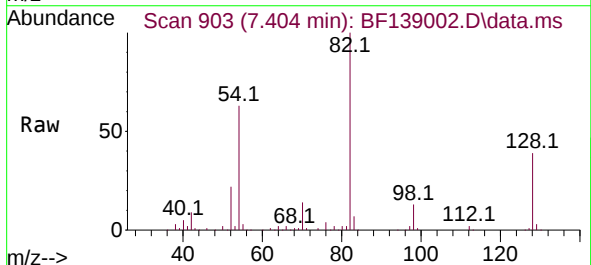
Instrument :
BNA_F
ClientSampleId :
MUL07RE

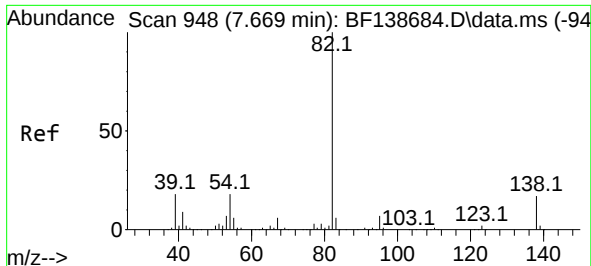
Tgt Ion:	136	Resp:	93187
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	11.1	8.6	12.8
68	5.4	4.8	7.2



#23
Nitrobenzene-d5
Concen: 100.415 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF139002.D
Acq: 14 Aug 2024 19:16

Tgt Ion:	82	Resp:	191391
Ion Ratio	Lower	Upper	
82	100		
128	39.5	32.8	49.2
54	63.4	48.3	72.5

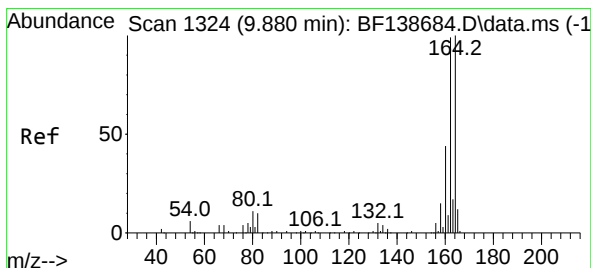
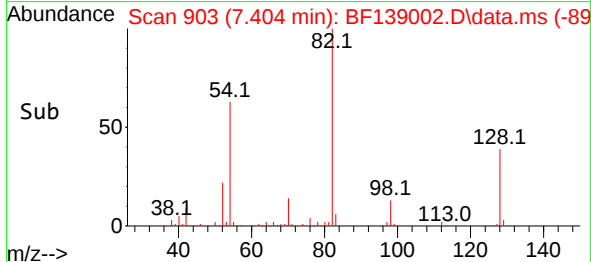
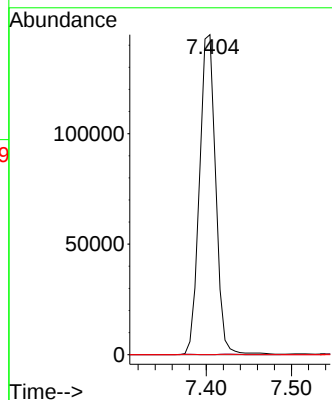
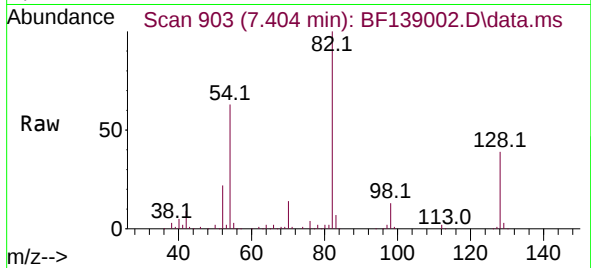




#25
Isophorone
Concen: 58.806 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139002.D
Acq: 14 Aug 2024 19:16

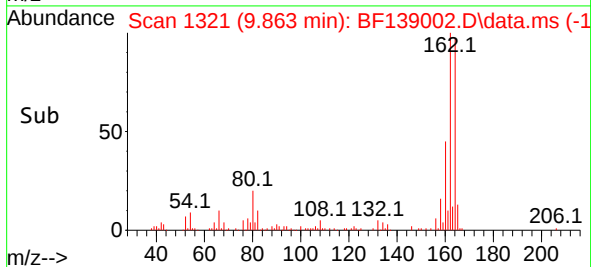
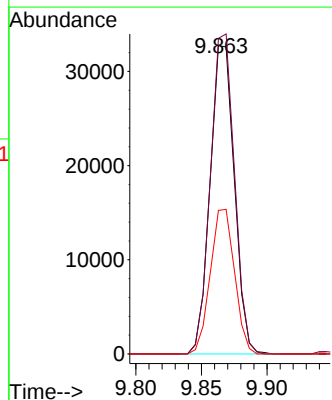
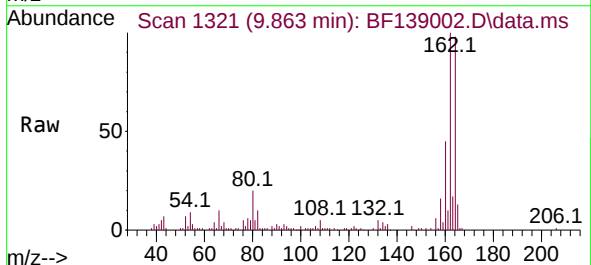
Instrument :
BNA_F
ClientSampleId :
MUL07RE

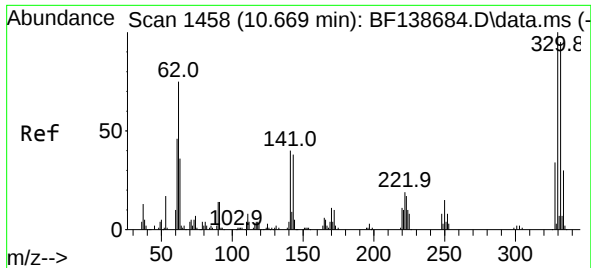
Tgt Ion: 82 Resp: 191388
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.017 min
Lab File: BF139002.D
Acq: 14 Aug 2024 19:16

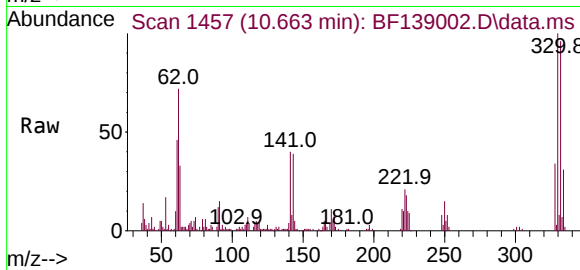
Tgt Ion:164 Resp: 42123
Ion Ratio Lower Upper
164 100
162 102.3 79.4 119.0
160 46.5 35.1 52.7



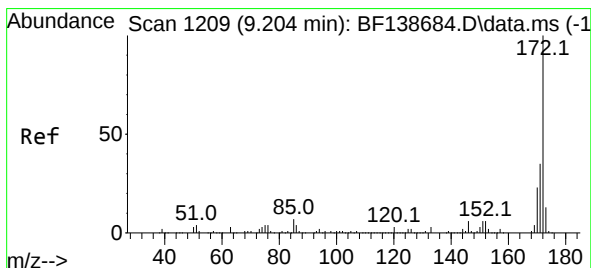
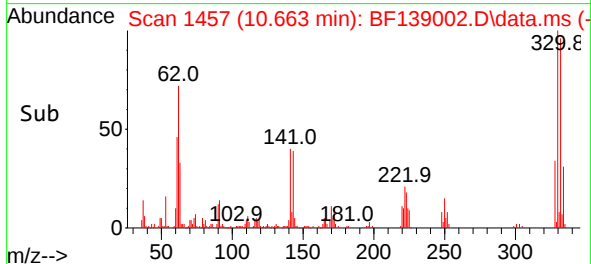
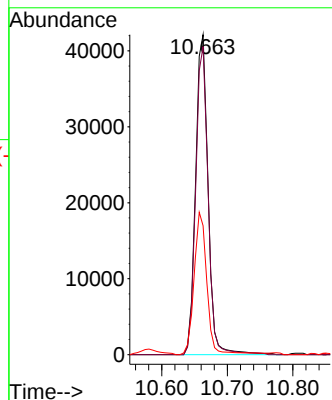


#42
2,4,6-Tribromophenol
Concen: 162.472 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF139002.D
Acq: 14 Aug 2024 19:16

Instrument :
BNA_F
ClientSampleId :
MUL07RE

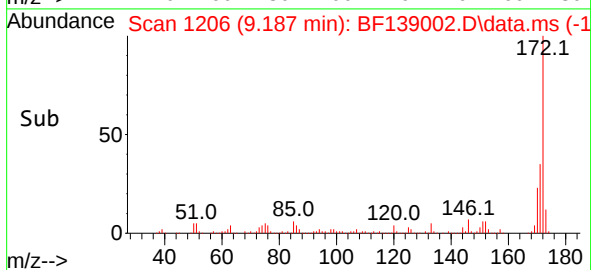
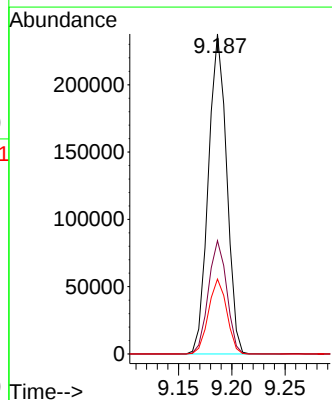
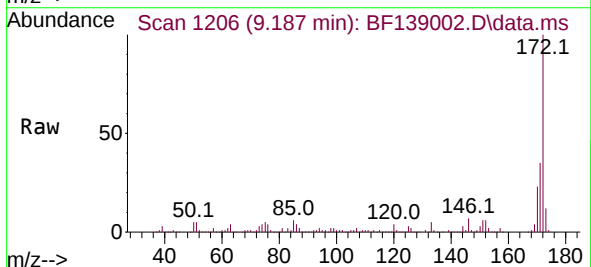


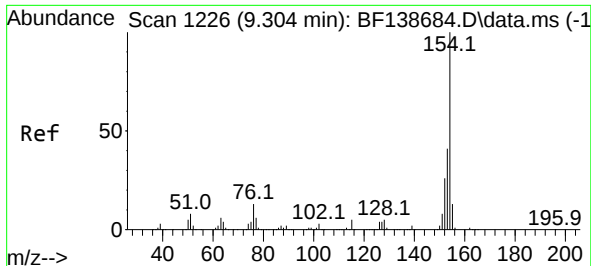
Tgt Ion: 330 Resp: 56060
Ion Ratio Lower Upper
330 100
332 95.5 76.4 114.6
141 45.7 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 101.267 ng
RT: 9.187 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139002.D
Acq: 14 Aug 2024 19:16

Tgt Ion: 172 Resp: 283905
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.4 18.8 28.2

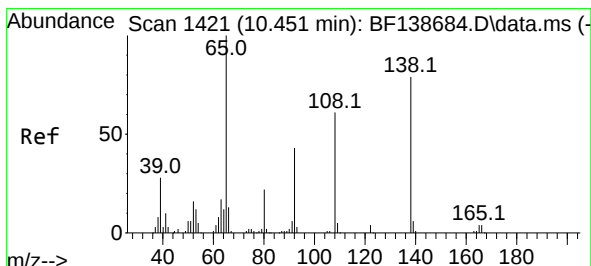
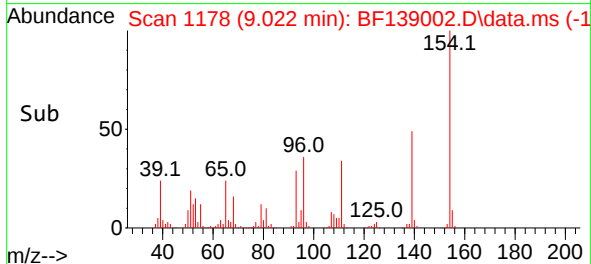
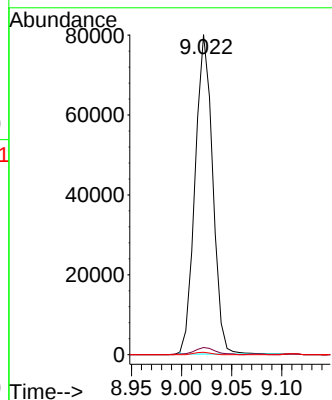
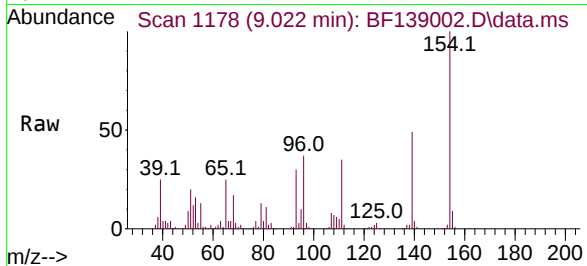




#46
1,1'-Biphenyl
Concen: 29.528 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.282 min
Lab File: BF139002.D
Acq: 14 Aug 2024 19:16

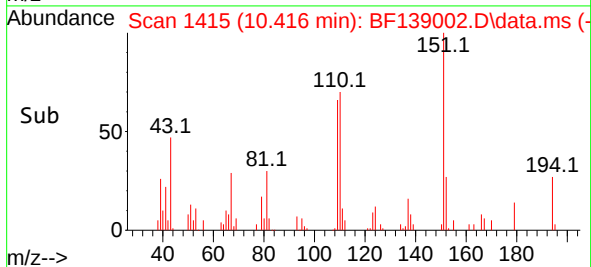
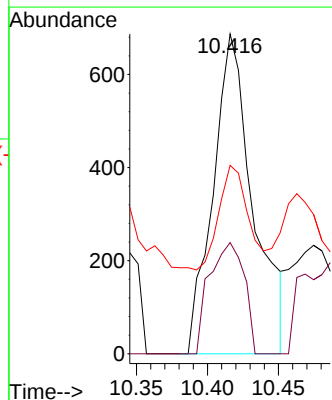
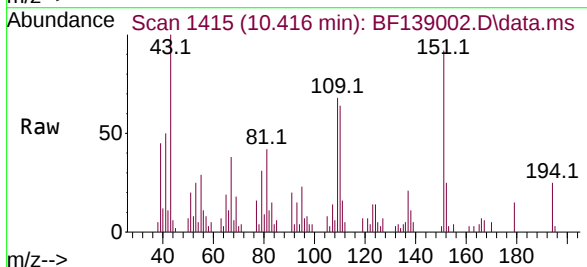
Instrument :
BNA_F
ClientSampleId :
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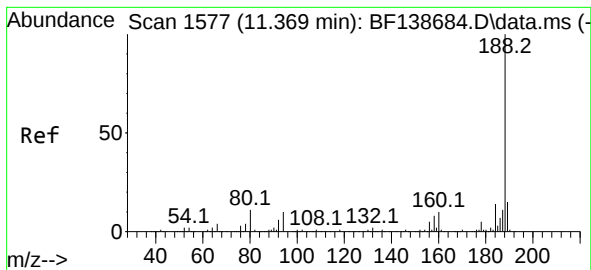
Tgt Ion:154 Resp: 97414
Ion Ratio Lower Upper
154 100
153 2.2 20.8 60.8#
76 0.7 0.0 32.8



#62
4-Nitroaniline
Concen: 2.256 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.035 min
Lab File: BF139002.D
Acq: 14 Aug 2024 19:16

Tgt Ion:138 Resp: 1347
Ion Ratio Lower Upper
138 100
92 34.8 34.2 74.2
108 59.0 56.2 96.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139002.D

Acq: 14 Aug 2024 19:16

Instrument :

BNA_F

ClientSampleId :

MUL07RE

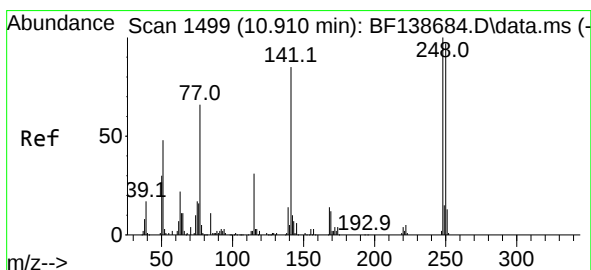
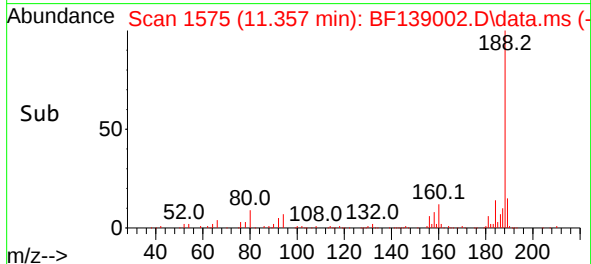
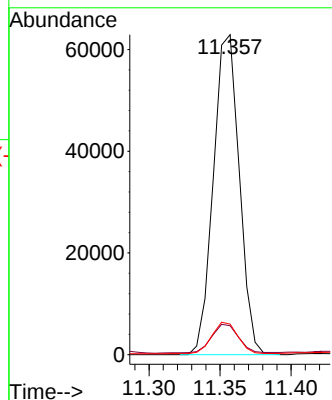
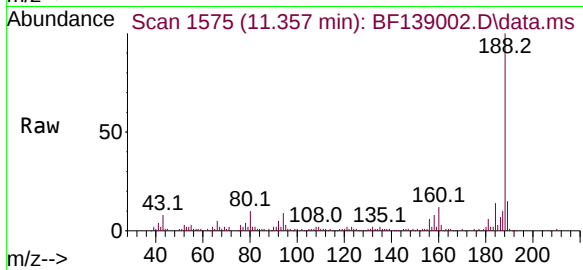
Tgt Ion:188 Resp: 79937

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.5 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.854 ng

RT: 10.657 min Scan# 1456

Delta R.T. -0.253 min

Lab File: BF139002.D

Acq: 14 Aug 2024 19:16

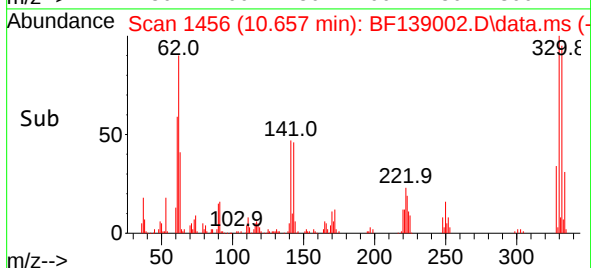
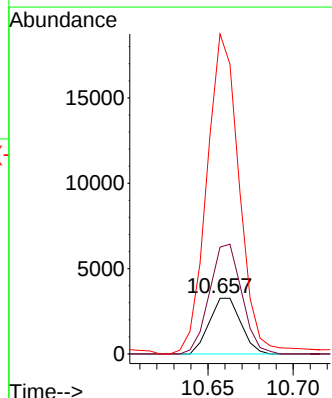
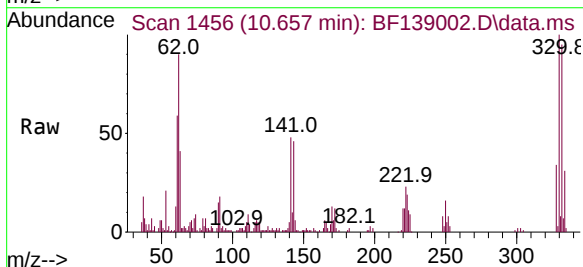
Tgt Ion:248 Resp: 4201

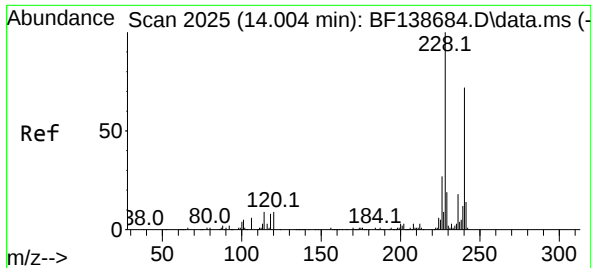
Ion Ratio Lower Upper

248 100

250 191.6 77.7 116.5#

141 573.9 68.0 102.0#

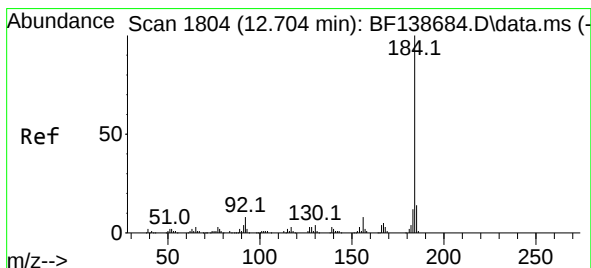
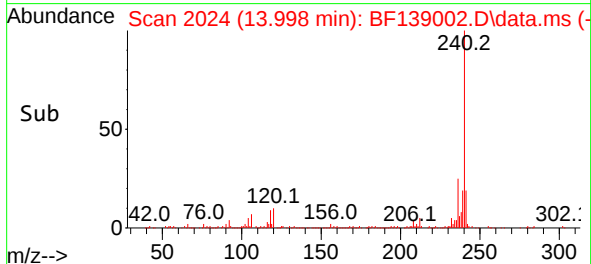
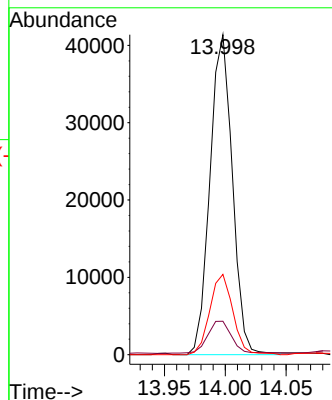
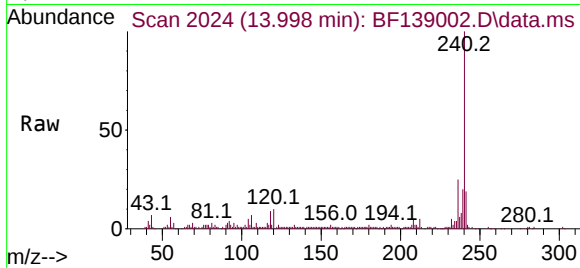




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF139002.D
Acq: 14 Aug 2024 19:16

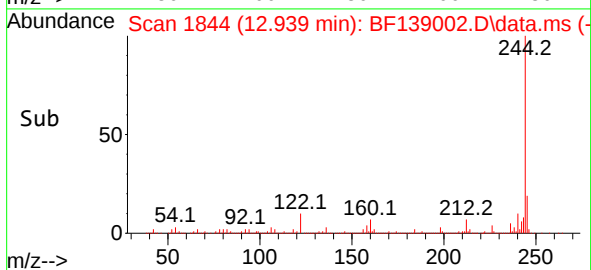
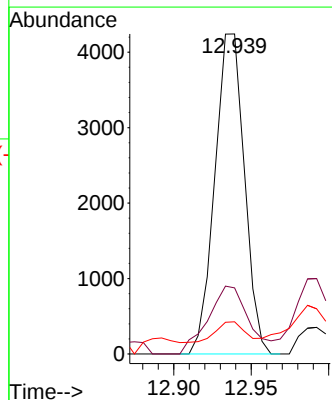
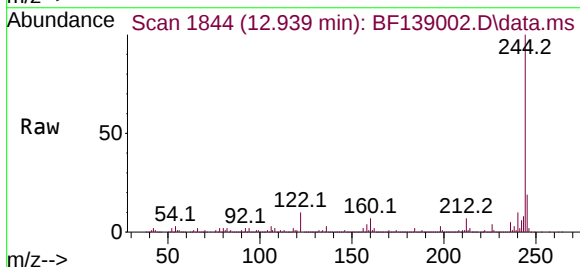
Instrument :
BNA_F
ClientSampleId :
MUL07RE

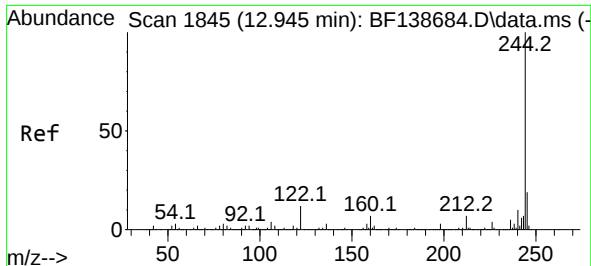
Tgt Ion:240 Resp: 52987
Ion Ratio Lower Upper
240 100
120 10.4 10.2 15.4
236 25.1 19.8 29.8



#77
Benzidine
Concen: 4.451 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.235 min
Lab File: BF139002.D
Acq: 14 Aug 2024 19:16

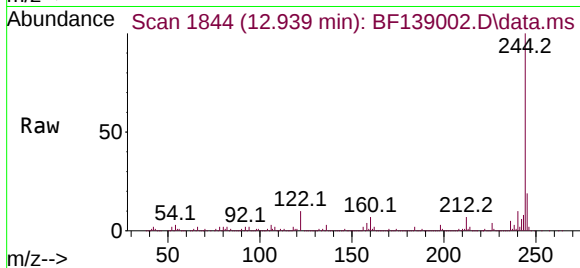
Tgt Ion:184 Resp: 5641
Ion Ratio Lower Upper
184 100
185 20.7 11.1 16.7#
183 10.1 9.6 14.4



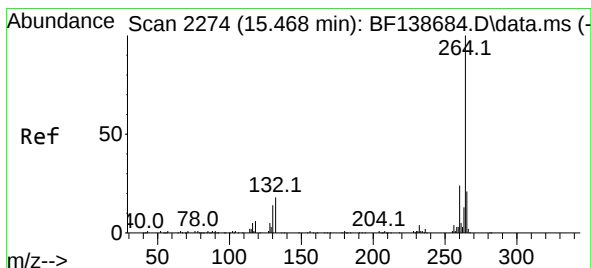
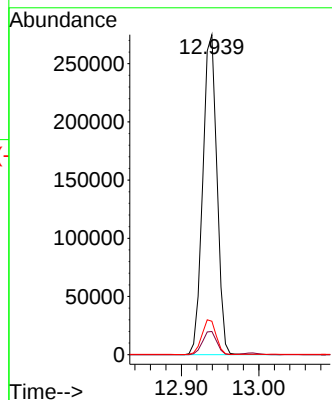
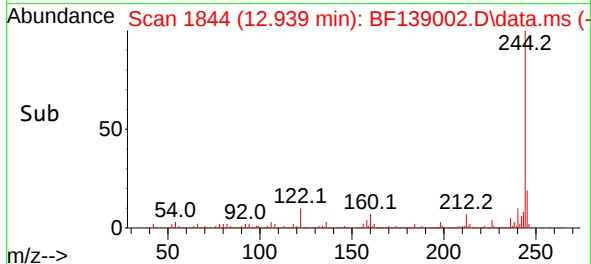


#79
 Terphenyl-d14
 Concen: 110.237 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF139002.D
 Acq: 14 Aug 2024 19:16

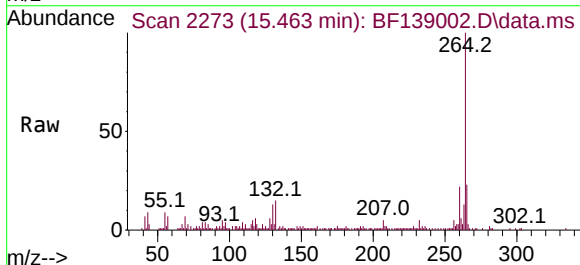
Instrument :
 BNA_F
 ClientSampleId :
 MUL07RE



Tgt Ion:244 Resp: 348877
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 10.4 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF139002.D
 Acq: 14 Aug 2024 19:16



Tgt Ion:264 Resp: 41690
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.0 28.6
 265 22.8 17.0 25.6

