

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139659.D
 Acq On : 04 Oct 2024 16:00
 Operator : RC/JU
 Sample : P4236-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1

Quant Time: Oct 04 16:27:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

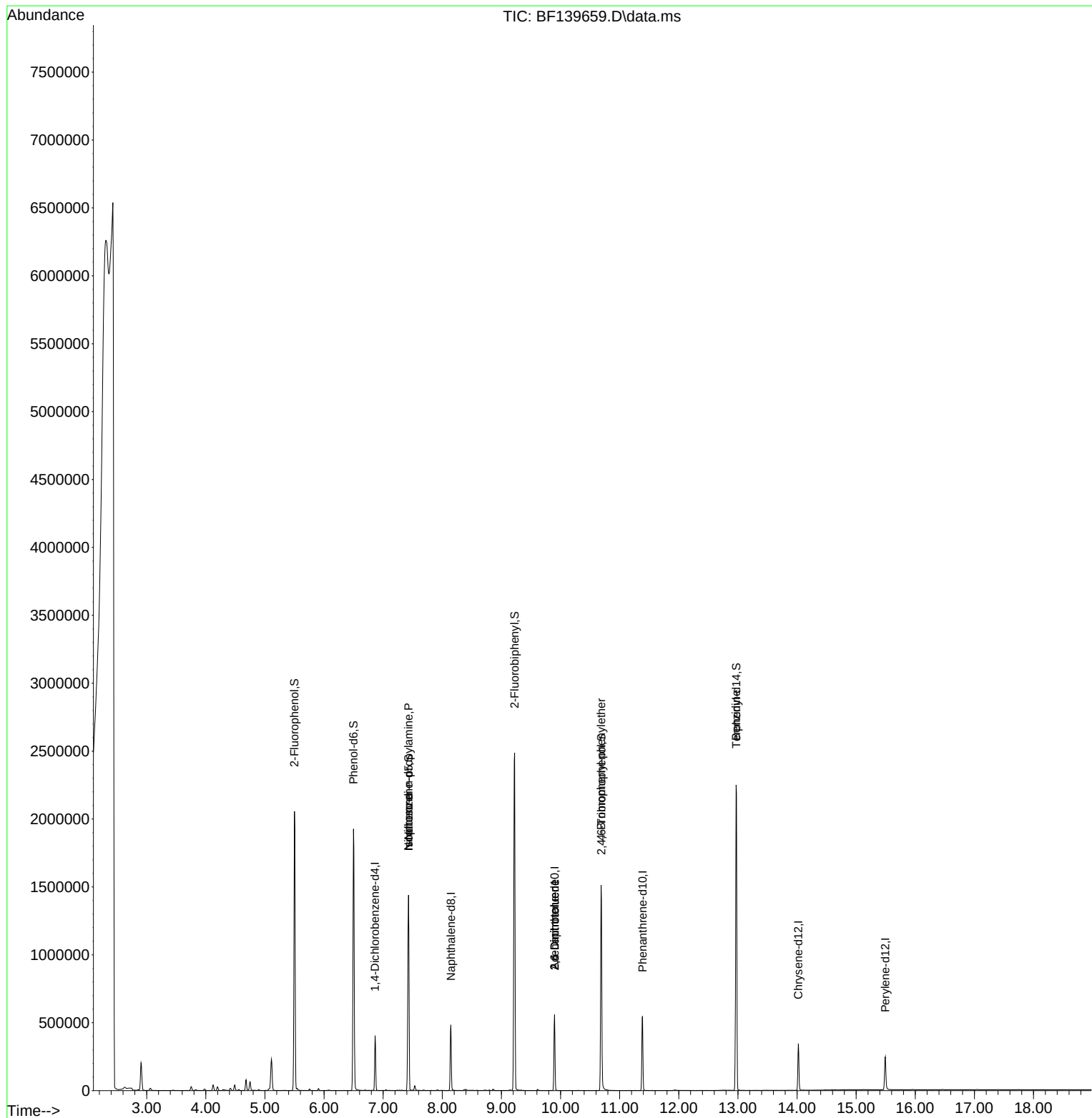
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	78394	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	296763	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	164555	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	302122	20.000	ng	0.00
76) Chrysene-d12	14.021	240	164050	20.000	ng	-0.01
86) Perylene-d12	15.492	264	148911	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	723511	159.964	ng	0.01
7) Phenol-d6	6.498	99	904958	148.783	ng	0.00
23) Nitrobenzene-d5	7.428	82	633882	108.146	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	249653	157.162	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1133866	105.782	ng	0.00
79) Terphenyl-d14	12.974	244	1146493	114.672	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	86365	22.086	ng	# 76
25) Isophorone	7.428	82	629474	60.465	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	20973	8.619	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	20973	6.594	ng	# 17
67) 4-Bromophenyl-phenylether	10.686	248	16008	5.168	ng	# 1
77) Benzidine	12.969	184	16123	5.572	ng	# 92

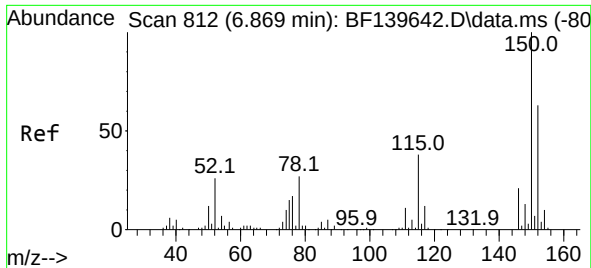
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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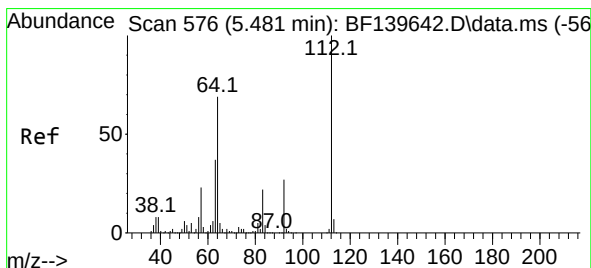
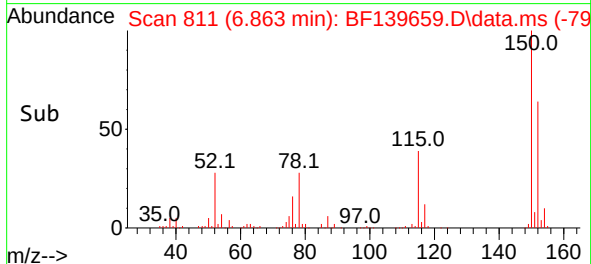
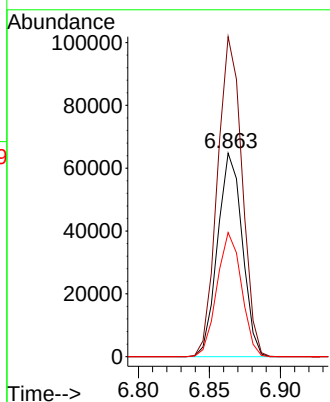
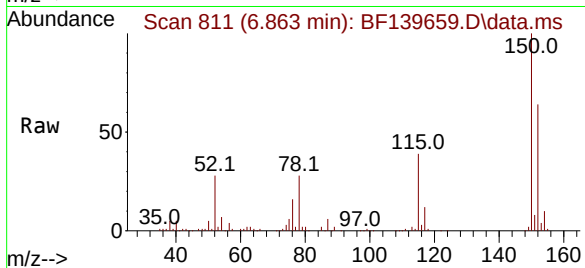




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

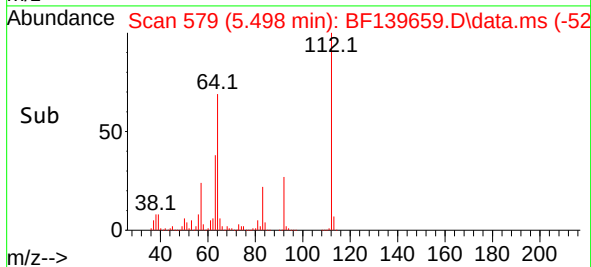
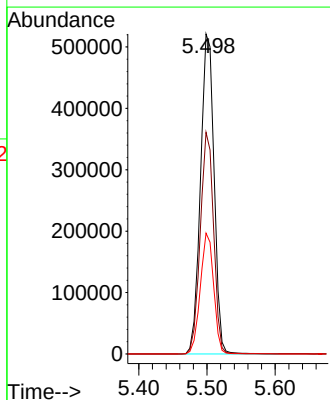
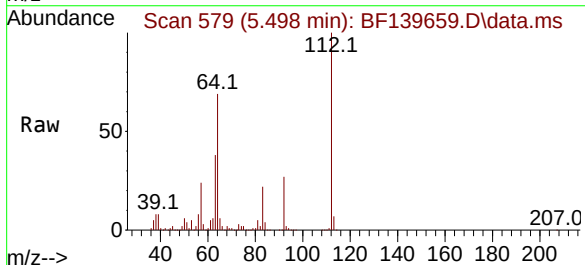
Instrument :
BNA_F
ClientSampleId :
TP1

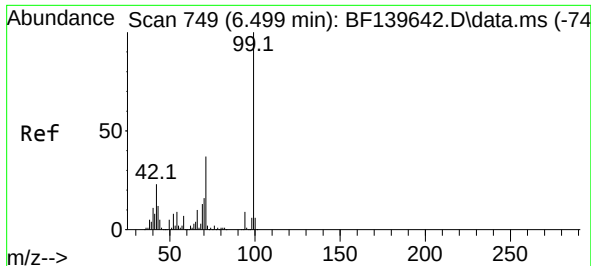
Tgt Ion:152 Resp: 78394
Ion Ratio Lower Upper
152 100
150 157.3 127.2 190.8
115 61.0 49.0 73.4



#5
2-Fluorophenol
Concen: 159.964 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

Tgt Ion:112 Resp: 723511
Ion Ratio Lower Upper
112 100
64 69.2 54.2 81.4
63 37.7 29.4 44.2



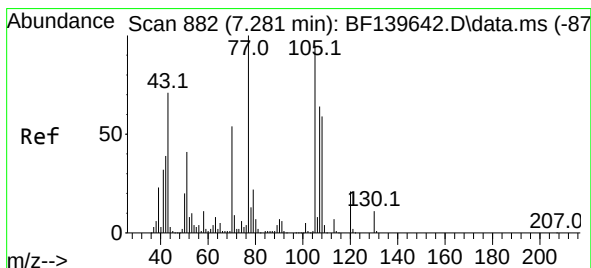
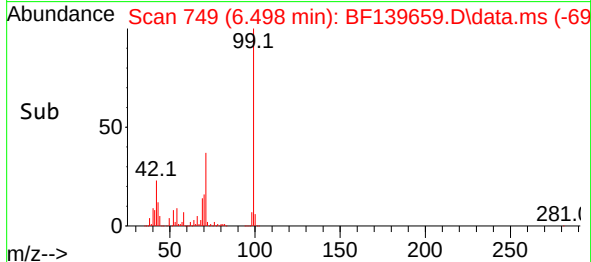
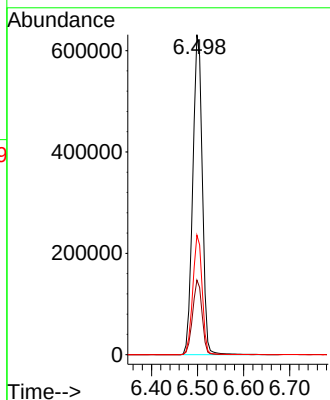
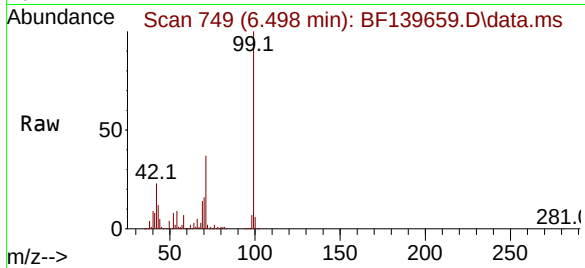


#7
Phenol-d6
Concen: 148.783 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

Instrument :
BNA_F
ClientSampleId :
TP1

Tgt Ion: 99 Resp: 904958

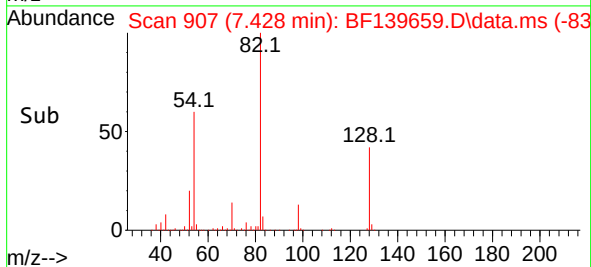
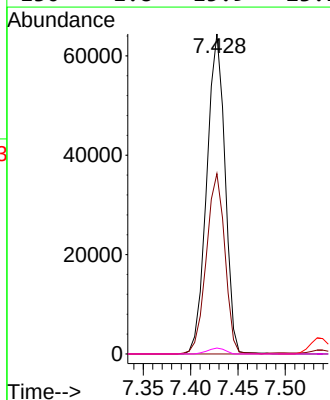
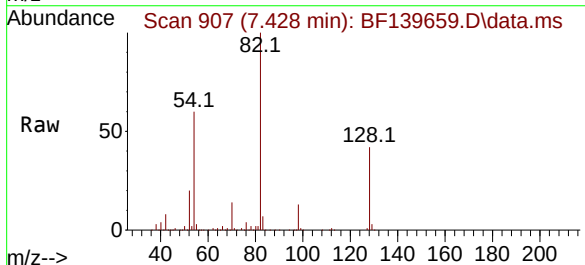
Ion	Ratio	Lower	Upper
99	100		
42	23.3	19.1	28.7
71	37.3	29.7	44.5

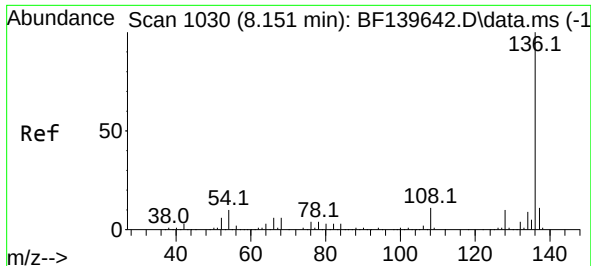


#19
n-Nitroso-di-n-propylamine
Concen: 22.086 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

Tgt Ion: 70 Resp: 86365

Ion	Ratio	Lower	Upper
70	100		
42	56.4	58.0	87.0#
101	0.0	7.8	11.8#
130	1.8	15.9	23.9#

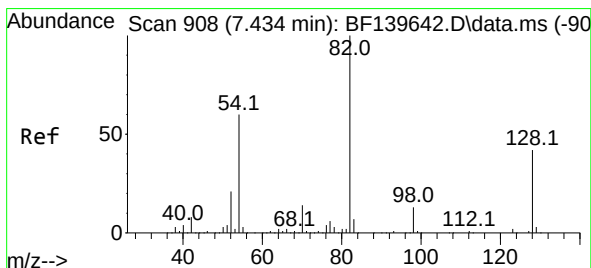
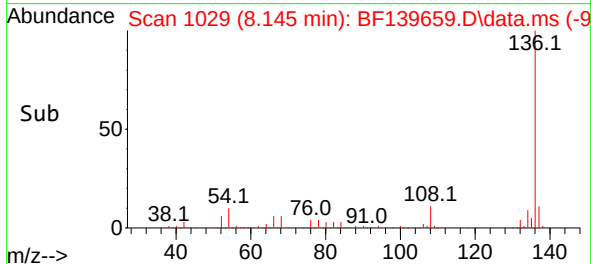
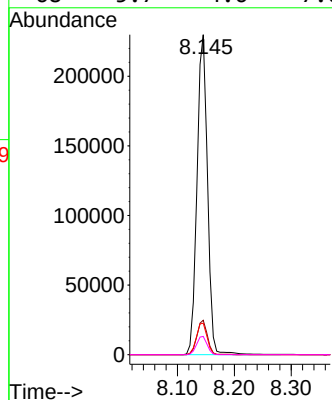
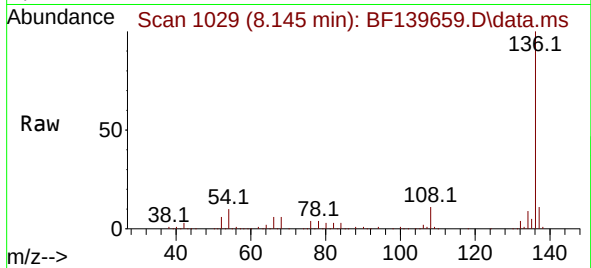




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

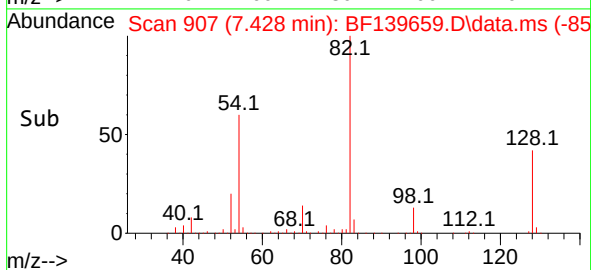
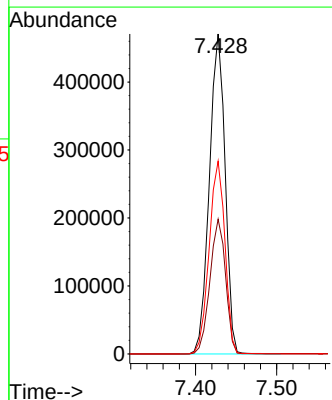
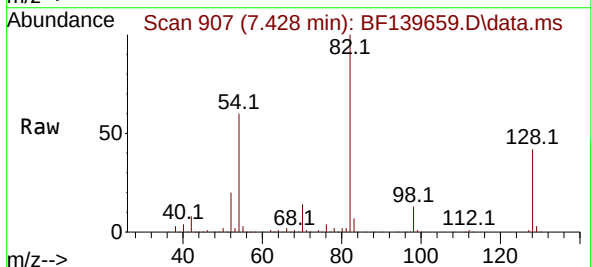
Instrument :
BNA_F
ClientSampleId :
TP1

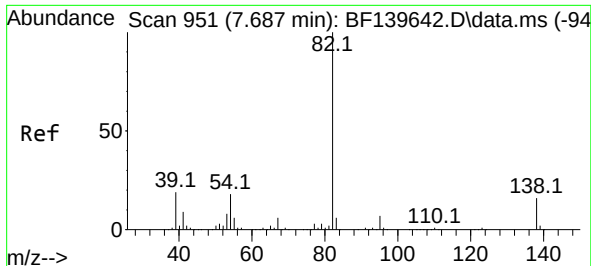
Tgt Ion:136 Resp: 296763
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.8 8.3 12.5
68 5.7 4.6 7.0



#23
Nitrobenzene-d5
Concen: 108.146 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

Tgt Ion: 82 Resp: 633882
Ion Ratio Lower Upper
82 100
128 42.1 32.4 48.6
54 60.3 49.1 73.7

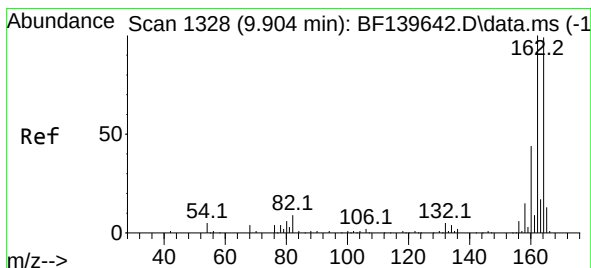
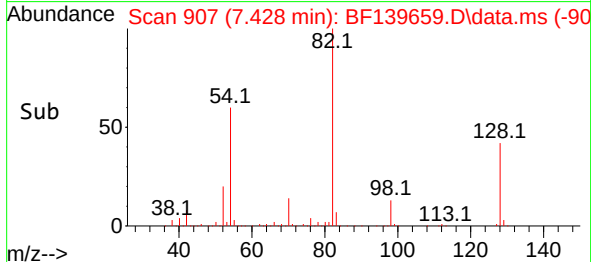
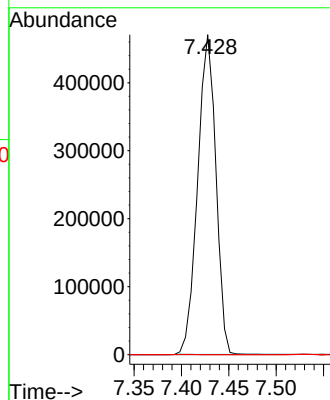
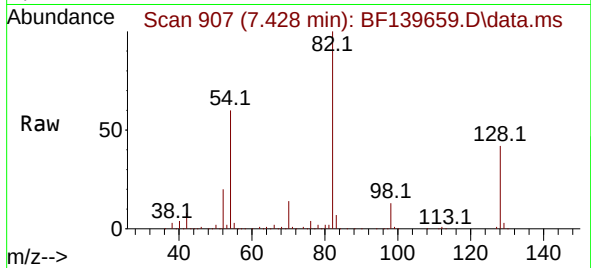




#25
Isophorone
Concen: 60.465 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

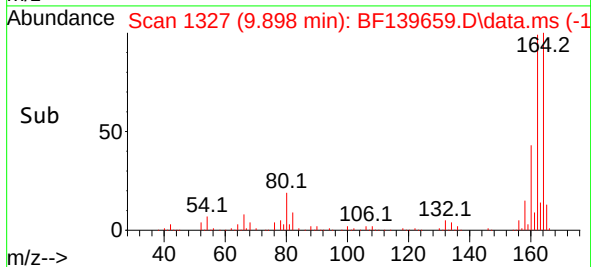
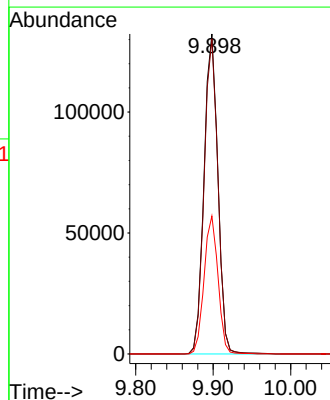
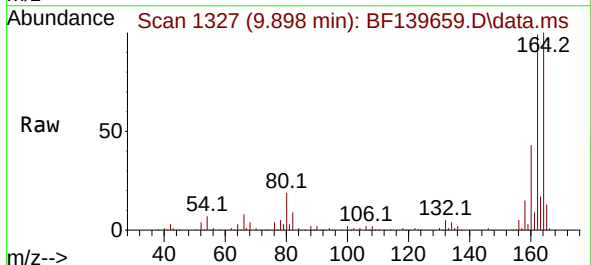
Instrument :
BNA_F
ClientSampleId :
TP1

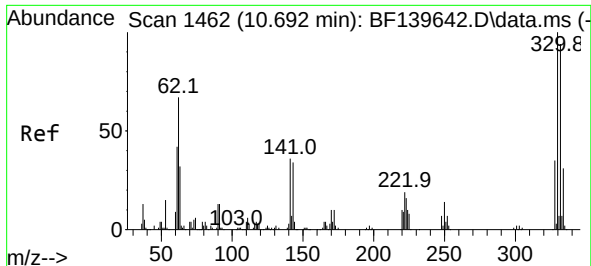
Tgt Ion: 82 Resp: 629474
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

Tgt Ion:164 Resp: 164555
Ion Ratio Lower Upper
164 100
162 98.5 79.4 119.0
160 43.1 35.1 52.7

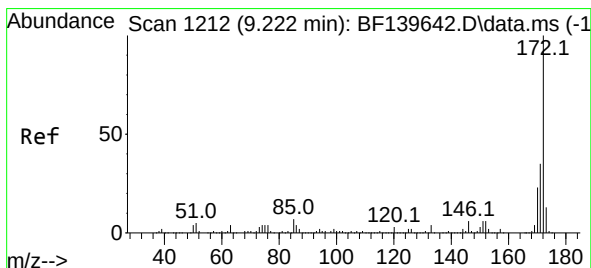
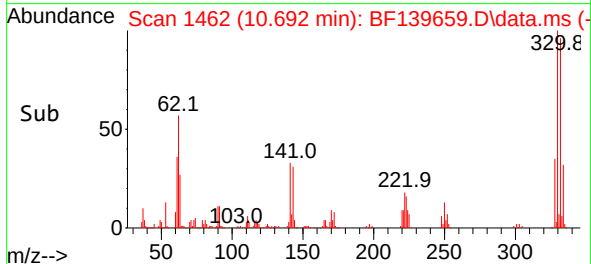
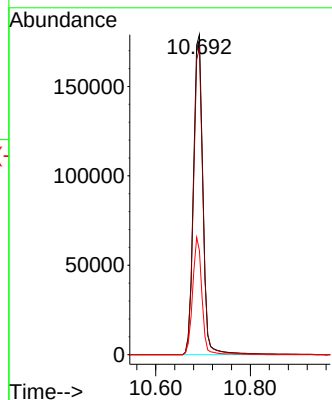
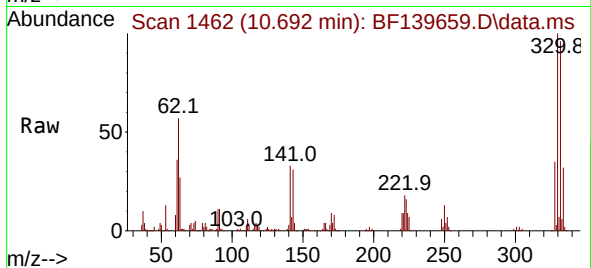




#42
2,4,6-Tribromophenol
Concen: 157.162 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

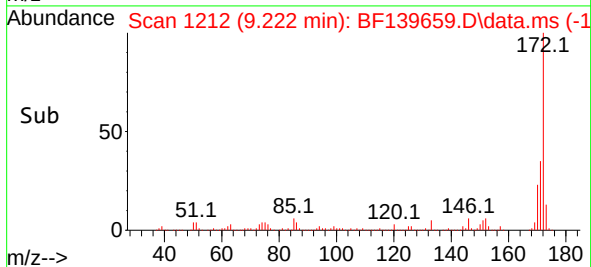
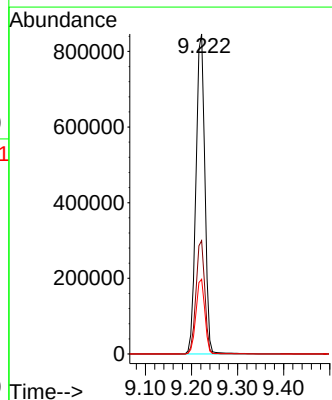
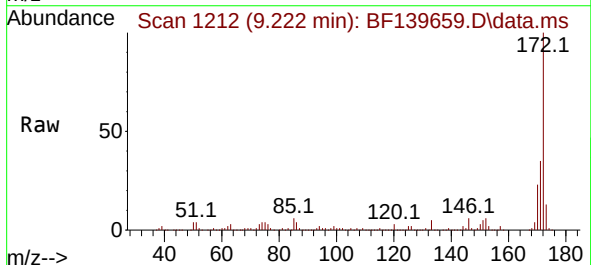
Instrument :
BNA_F
ClientSampleId :
TP1

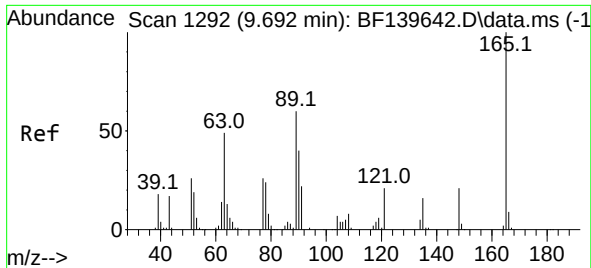
Tgt Ion:330 Resp: 249653
Ion Ratio Lower Upper
330 100
332 95.0 76.5 114.7
141 35.2 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 105.782 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

Tgt Ion:172 Resp: 1133866
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.4 18.8 28.2

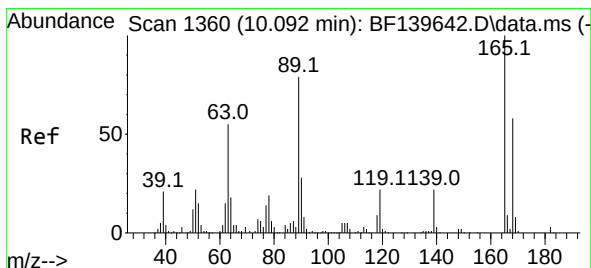
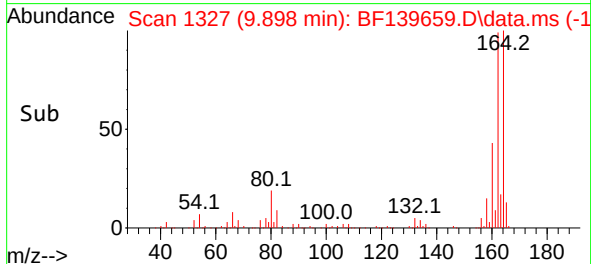
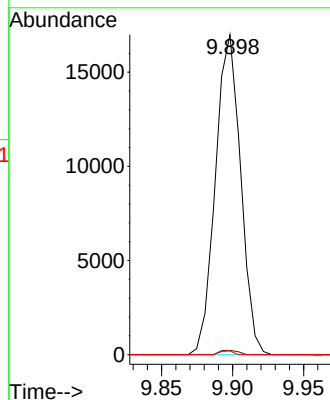
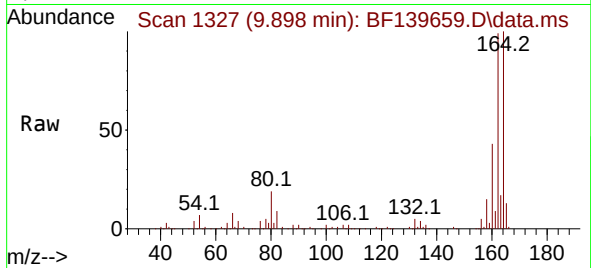




#51
2,6-Dinitrotoluene
Concen: 8.619 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

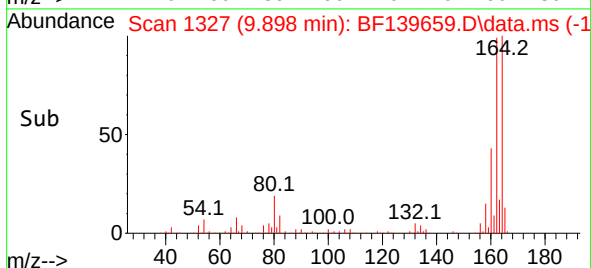
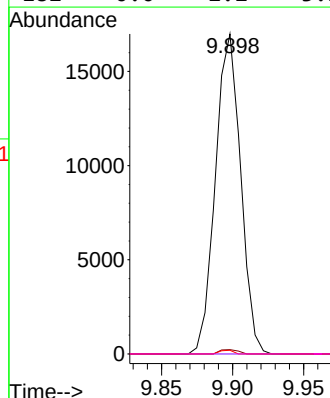
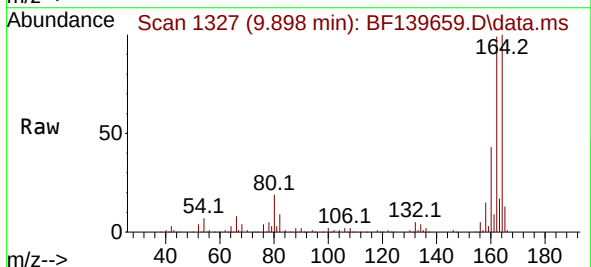
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ClientSampleId :
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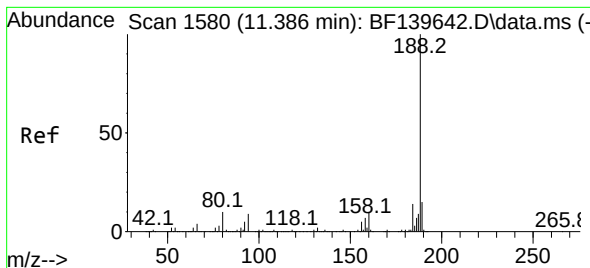
Tgt Ion:165 Resp: 20973
Ion Ratio Lower Upper
165 100
63 1.4 56.7 85.1#
89 1.1 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.594 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

Tgt Ion:165 Resp: 20973
Ion Ratio Lower Upper
165 100
63 1.4 46.9 70.3#
89 1.1 64.4 96.6#
182 0.0 2.2 3.2#

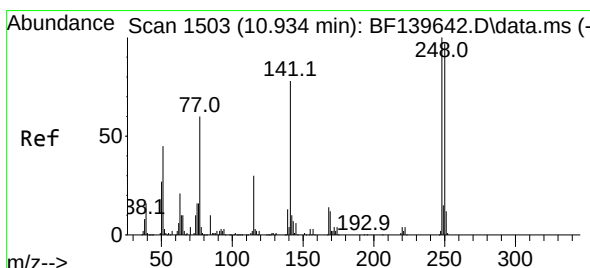
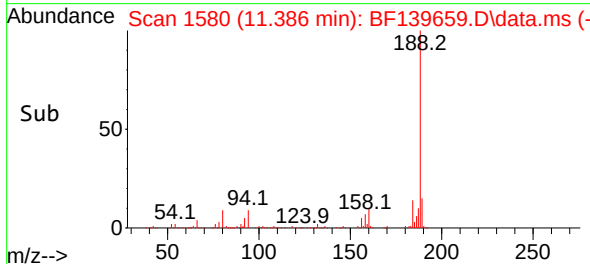
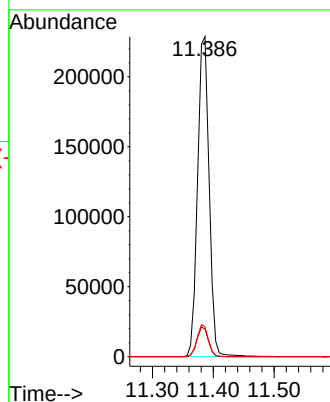
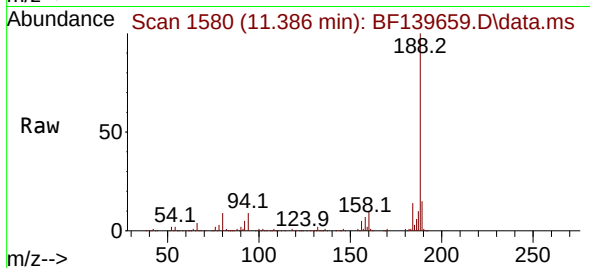




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

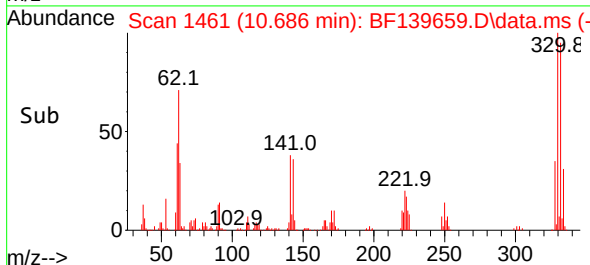
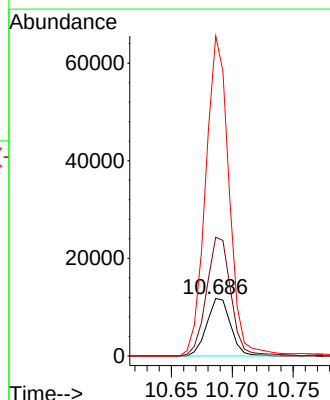
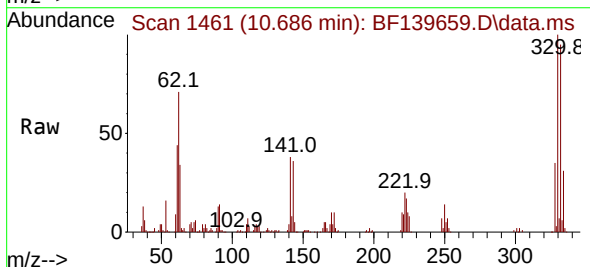
Instrument :
BNA_F
ClientSampleId :
TP1

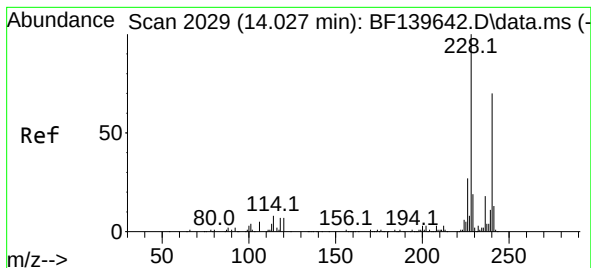
Tgt Ion:188 Resp: 302122
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.3 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 5.168 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.253 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

Tgt Ion:248 Resp: 16008
Ion Ratio Lower Upper
248 100
250 206.6 77.1 115.7#
141 557.0 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF139659.D

Acq: 04 Oct 2024 16:00

Instrument :

BNA_F

ClientSampleId :

TP1

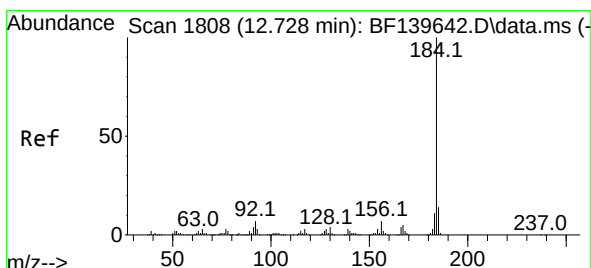
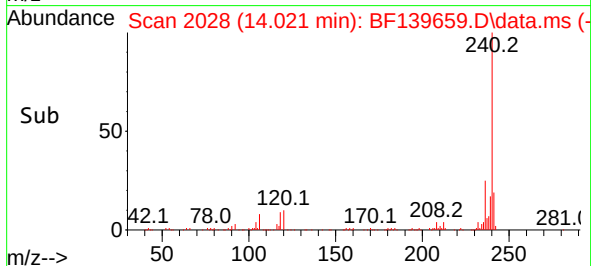
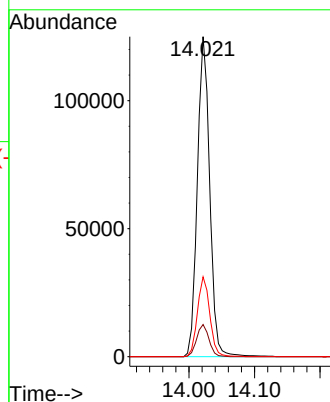
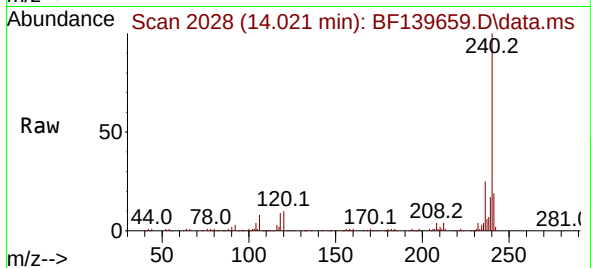
Tgt Ion:240 Resp: 164050

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

236 24.9 20.3 30.5



#77

Benzidine

Concen: 5.572 ng

RT: 12.969 min Scan# 1849

Delta R.T. 0.241 min

Lab File: BF139659.D

Acq: 04 Oct 2024 16:00

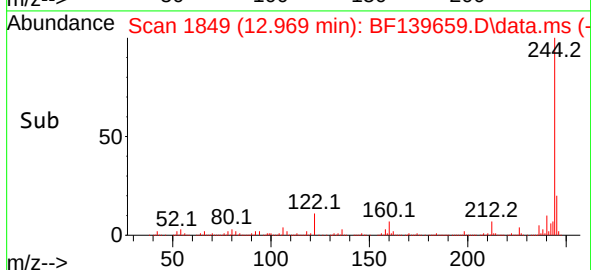
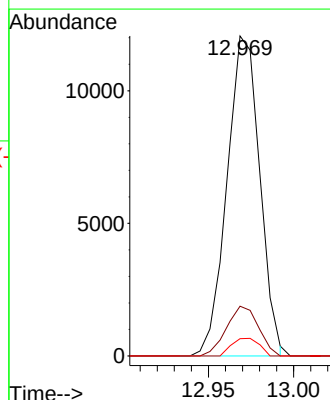
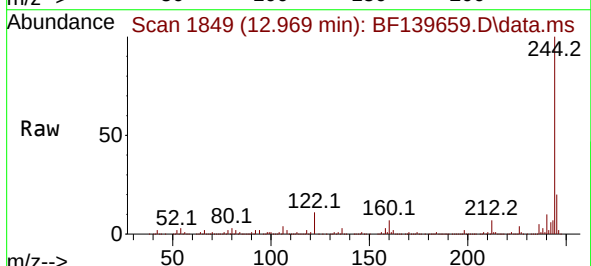
Tgt Ion:184 Resp: 16123

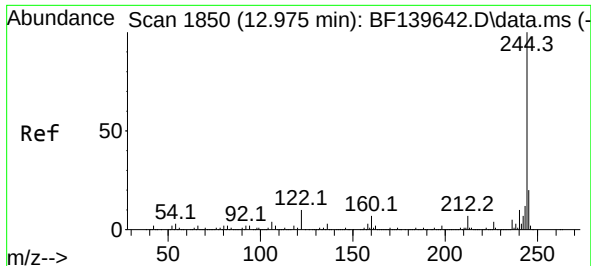
Ion Ratio Lower Upper

184 100

185 15.6 11.4 17.0

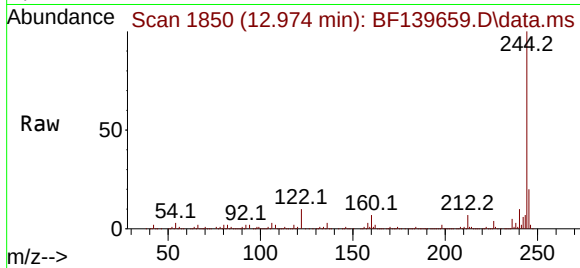
183 5.4 8.8 13.2#



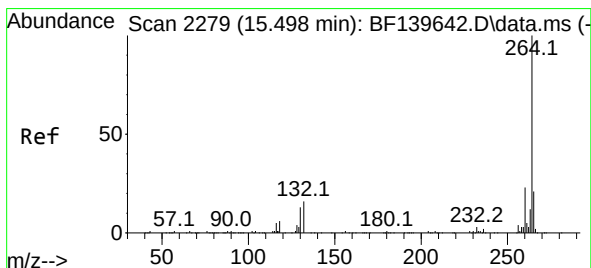
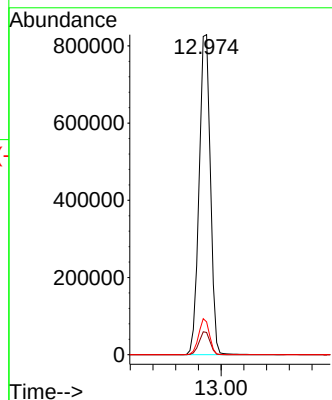
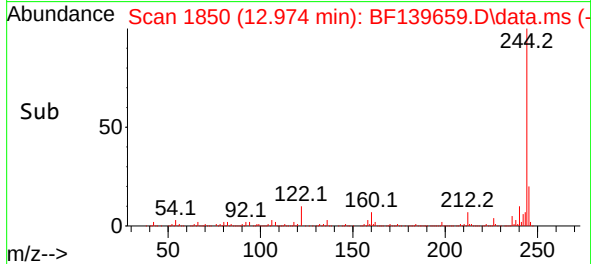


#79
Terphenyl-d14
Concen: 114.672 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

Instrument :
BNA_F
ClientSampleId :
TP1



Tgt Ion:244 Resp: 1146493
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 10.3 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2278
Delta R.T. -0.012 min
Lab File: BF139659.D
Acq: 04 Oct 2024 16:00

Tgt Ion:264 Resp: 148911
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.1 16.9 25.3

