

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139658.D
 Acq On : 04 Oct 2024 15:32
 Operator : RC/JU
 Sample : P4236-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3

Quant Time: Oct 04 16:03:07 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)

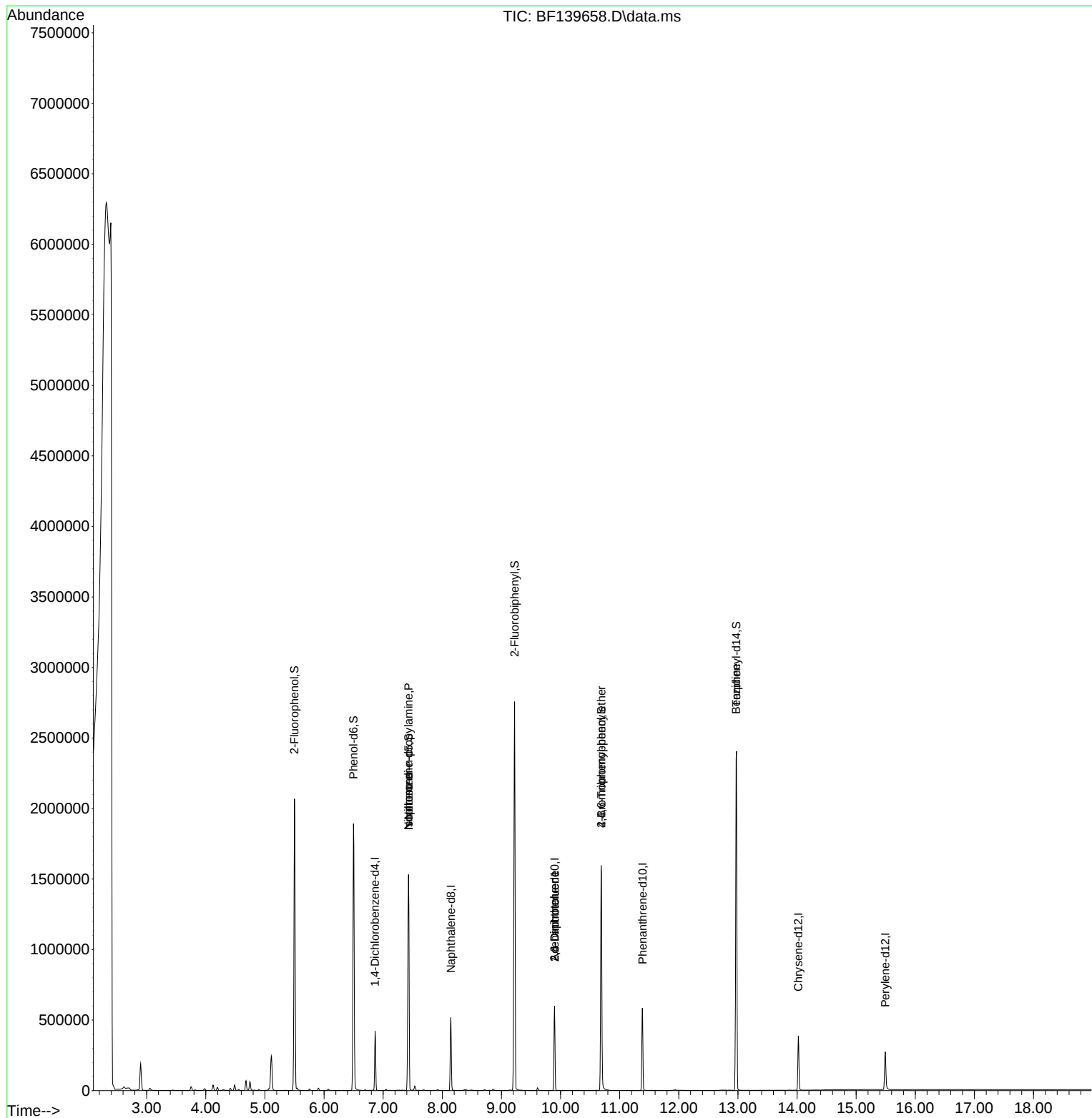
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	82545	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	311134	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	174219	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	321488	20.000	ng	0.00
76) Chrysene-d12	14.022	240	183475	20.000	ng	-0.01
86) Perylene-d12	15.492	264	161151	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	725982	152.439	ng	0.01
7) Phenol-d6	6.499	99	874899	136.607	ng	0.00
23) Nitrobenzene-d5	7.428	82	695298	113.145	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	268333	159.551	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1245356	109.738	ng	0.00
79) Terphenyl-d14	12.975	244	1234282	110.383	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	95565	23.209	ng	Qvalue 76
25) Isophorone	7.428	82	690326	63.248	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	22535	8.747	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	22535	6.692	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	18297	5.551	ng	# 1
77) Benzidine	12.969	184	16760	5.179	ng	# 92

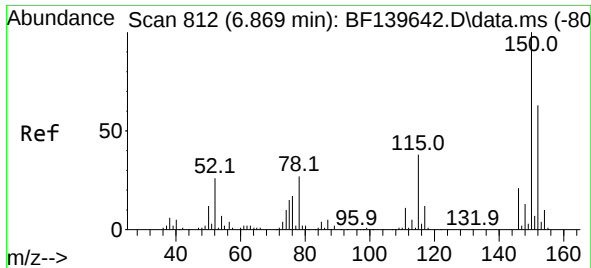
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
Data File : BF139658.D
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QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

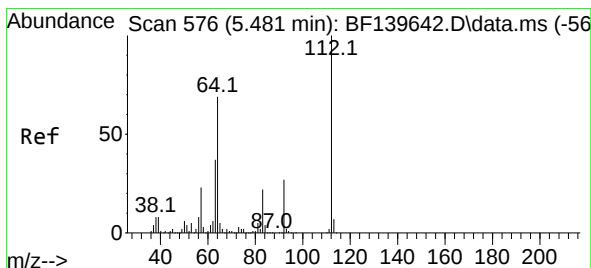
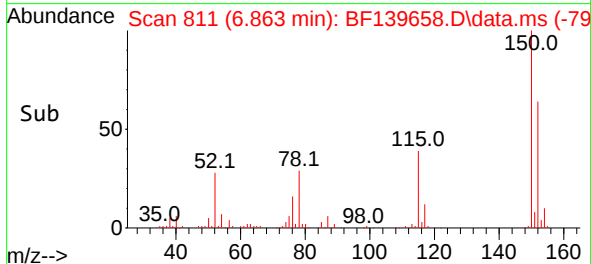
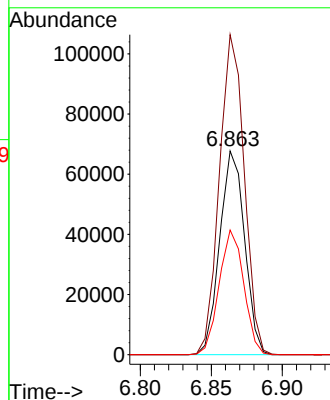
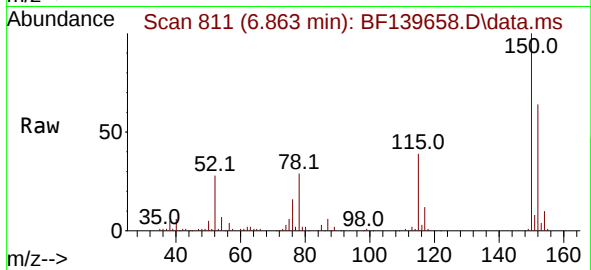




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 812
 Delta R.T. -0.006 min
 Lab File: BF139658.D
 Acq: 04 Oct 2024 15:32

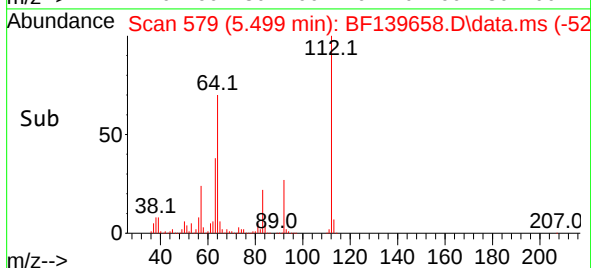
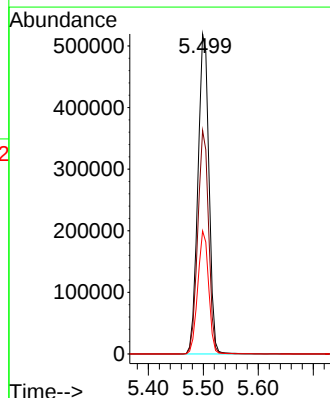
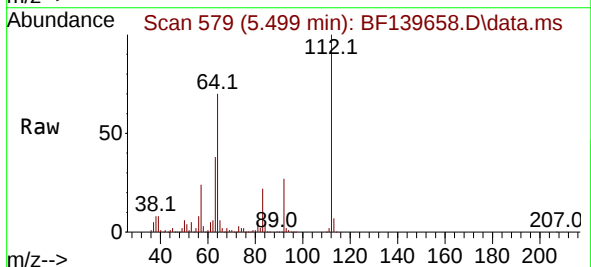
Instrument :
 BNA_F
 ClientSampleId :
 TP3

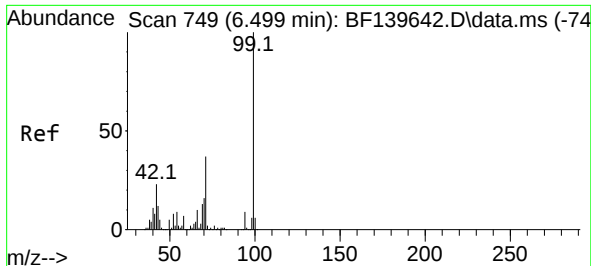
Tgt Ion:152 Resp: 82545
 Ion Ratio Lower Upper
 152 100
 150 157.1 127.2 190.8
 115 61.2 49.0 73.4



#5
 2-Fluorophenol
 Concen: 152.439 ng
 RT: 5.499 min Scan# 579
 Delta R.T. 0.012 min
 Lab File: BF139658.D
 Acq: 04 Oct 2024 15:32

Tgt Ion:112 Resp: 725982
 Ion Ratio Lower Upper
 112 100
 64 69.8 54.2 81.4
 63 38.5 29.4 44.2



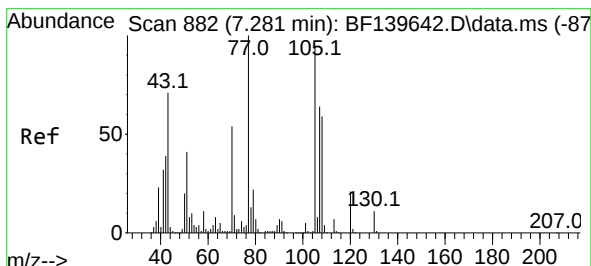
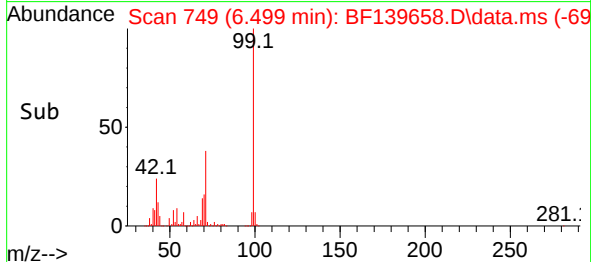
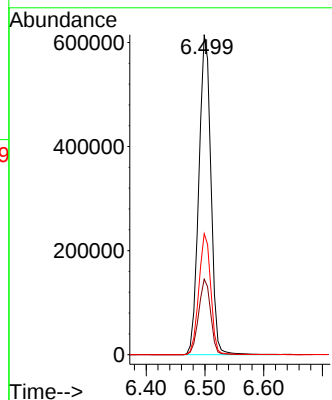
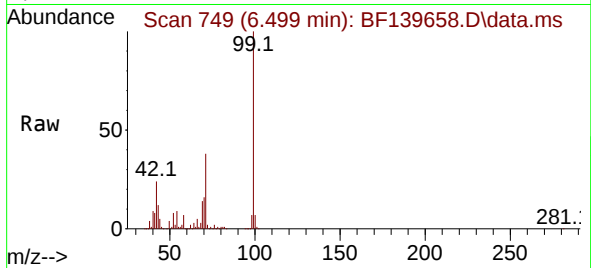


#7
Phenol-d6
Concen: 136.607 ng
RT: 6.499 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF139658.D
Acq: 04 Oct 2024 15:32

Instrument :
BNA_F
ClientSampleId :
TP3

Tgt Ion: 99 Resp: 874899

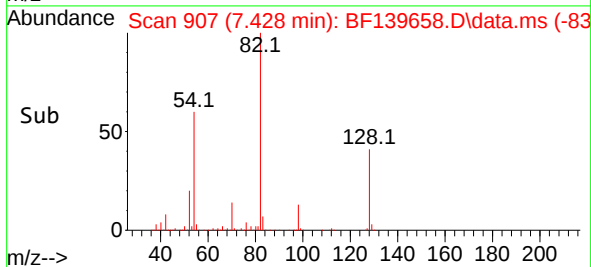
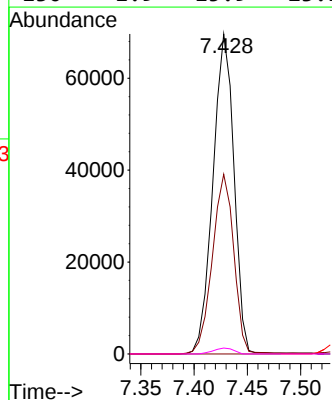
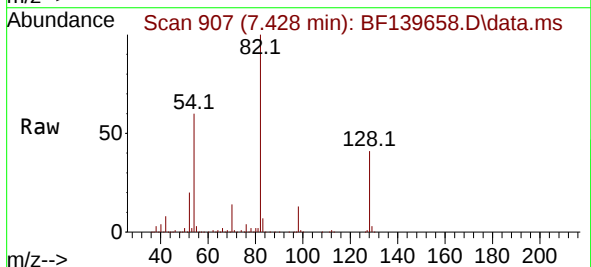
Ion	Ratio	Lower	Upper
99	100		
42	23.6	19.1	28.7
71	37.8	29.7	44.5

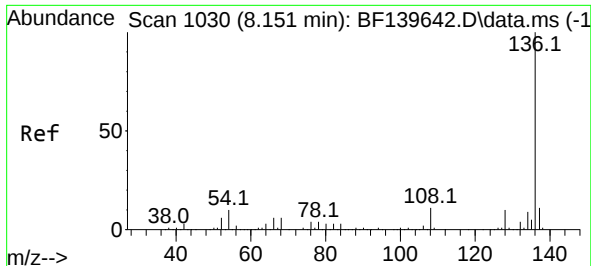


#19
n-Nitroso-di-n-propylamine
Concen: 23.209 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139658.D
Acq: 04 Oct 2024 15:32

Tgt Ion: 70 Resp: 95565

Ion	Ratio	Lower	Upper
70	100		
42	56.2	58.0	87.0#
101	0.0	7.8	11.8#
130	1.9	15.9	23.9#

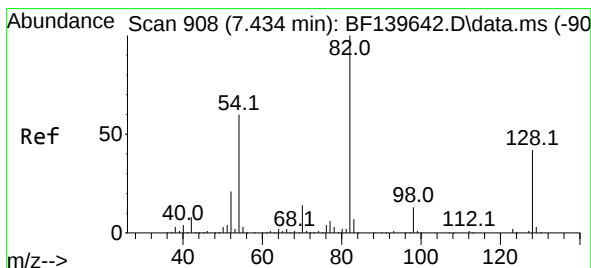
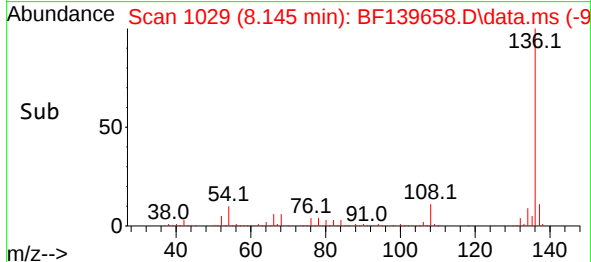
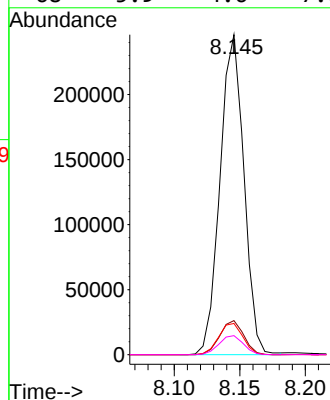
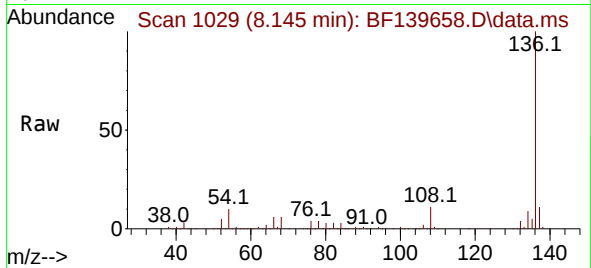




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139658.D
Acq: 04 Oct 2024 15:32

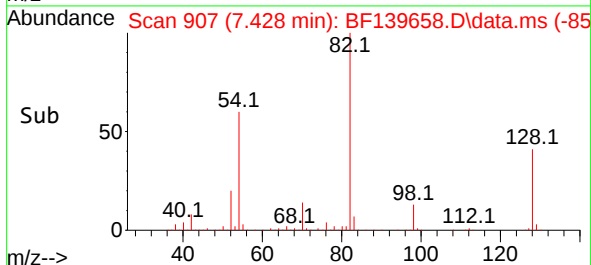
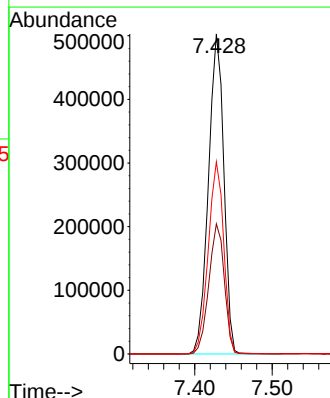
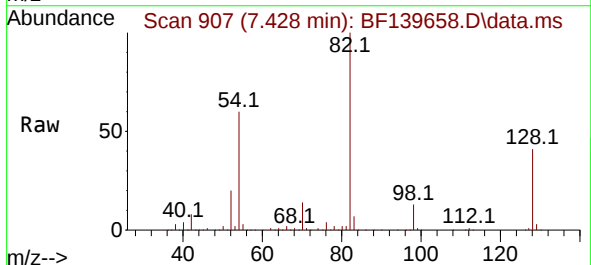
Instrument :
BNA_F
ClientSampleId :
TP3

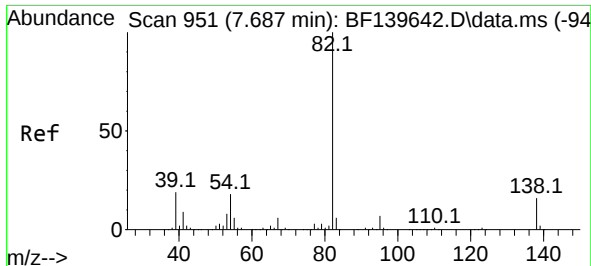
Tgt Ion:136	Resp: 311134
Ion Ratio	Lower Upper
136	100
137	10.7 8.6 13.0
54	9.8 8.3 12.5
68	5.9 4.6 7.0



#23
Nitrobenzene-d5
Concen: 113.145 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139658.D
Acq: 04 Oct 2024 15:32

Tgt Ion: 82	Resp: 695298
Ion Ratio	Lower Upper
82	100
128	40.7 32.4 48.6
54	60.1 49.1 73.7

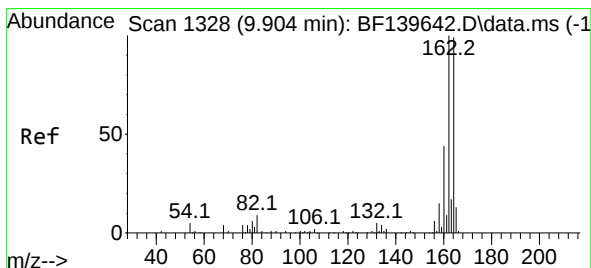
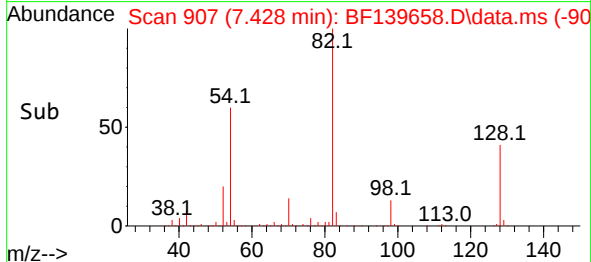
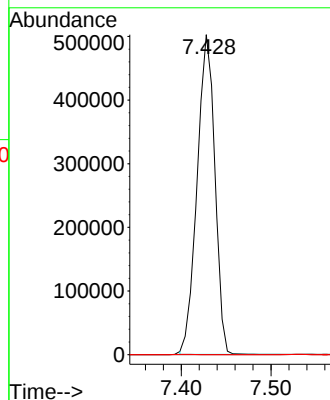
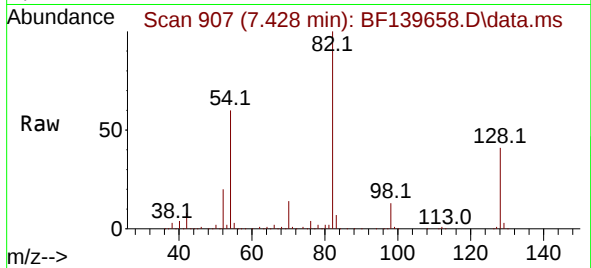




#25
Isophorone
Concen: 63.248 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139658.D
Acq: 04 Oct 2024 15:32

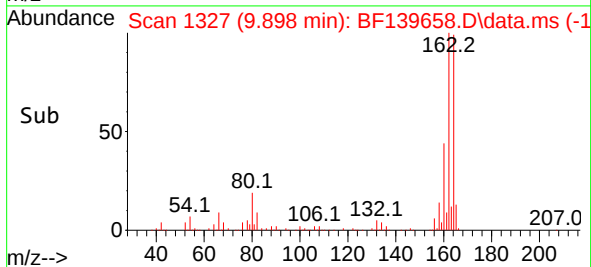
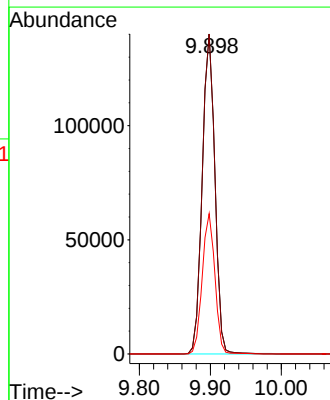
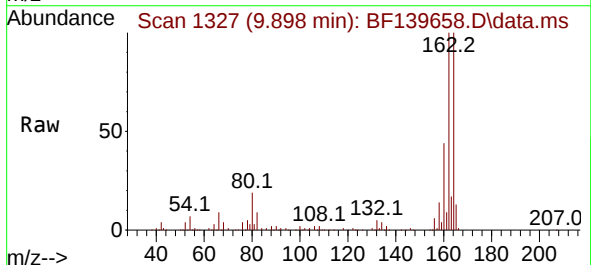
Instrument :
BNA_F
ClientSampleId :
TP3

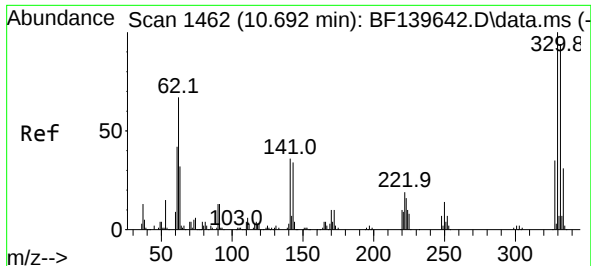
Tgt Ion: 82 Resp: 690326
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139658.D
Acq: 04 Oct 2024 15:32

Tgt Ion:164 Resp: 174219
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.0
160 43.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 159.551 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139658.D

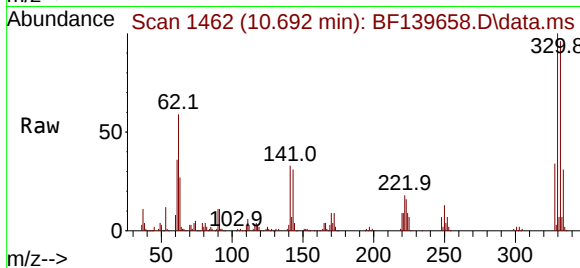
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Instrument :

BNA_F

ClientSampleId :

TP3



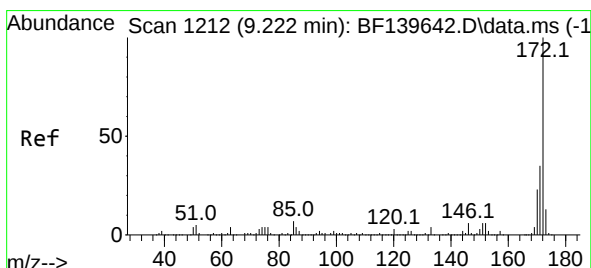
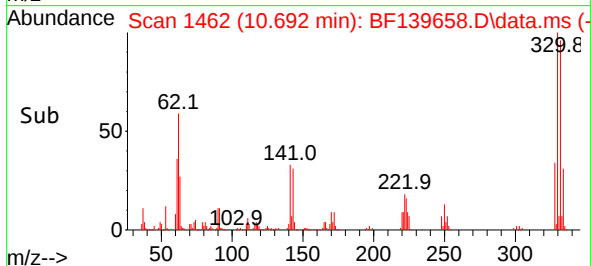
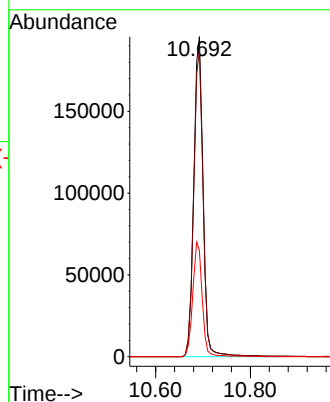
Tgt Ion:330 Resp: 268333

Ion Ratio Lower Upper

330 100

332 96.4 76.5 114.7

141 36.3 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 109.738 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139658.D

Acq: 04 Oct 2024 15:32

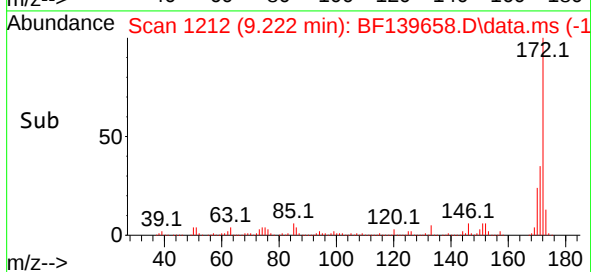
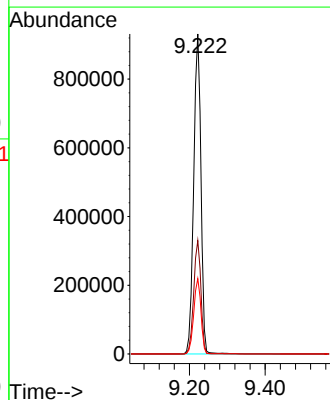
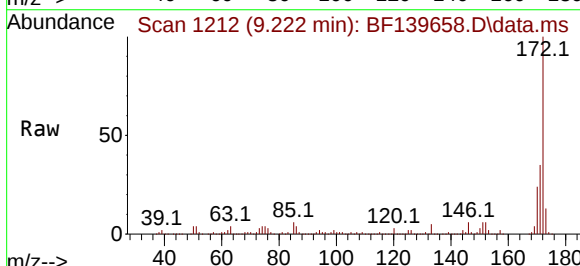
Tgt Ion:172 Resp: 1245356

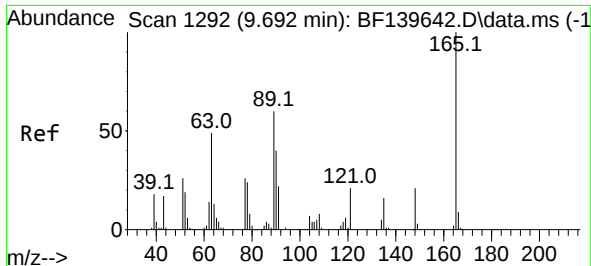
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.5 18.8 28.2

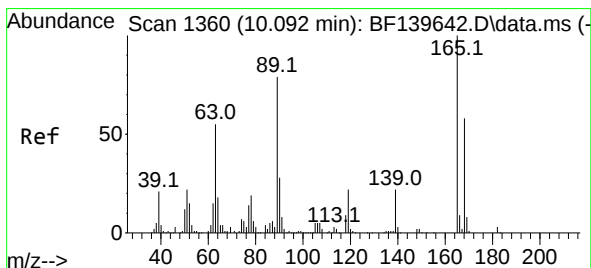
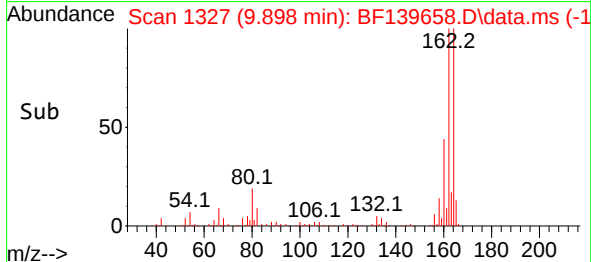
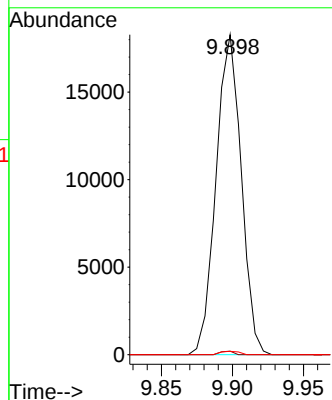
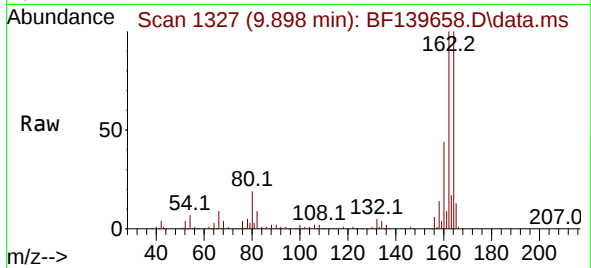




#51
2,6-Dinitrotoluene
Concen: 8.747 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139658.D
Acq: 04 Oct 2024 15:32

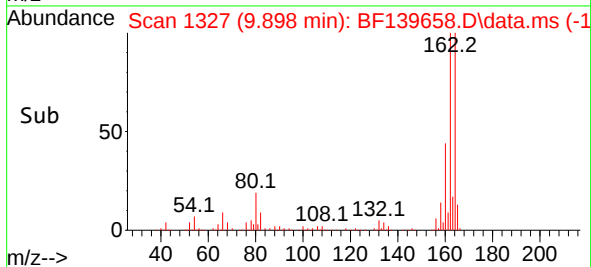
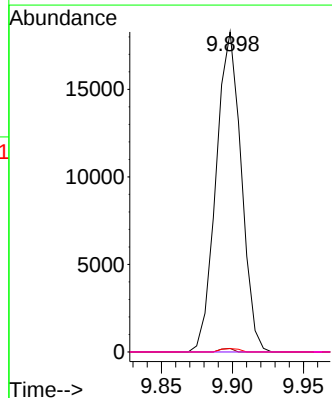
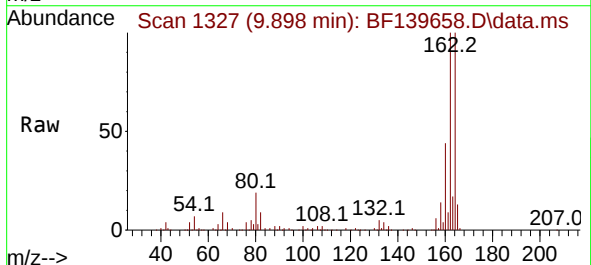
Instrument :
BNA_F
ClientSampleId :
TP3

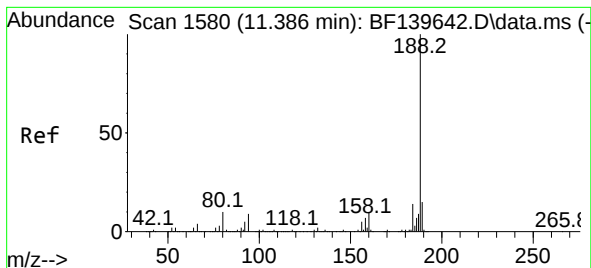
Tgt Ion:165 Resp: 22535
Ion Ratio Lower Upper
165 100
63 1.1 56.7 85.1#
89 1.1 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.692 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139658.D
Acq: 04 Oct 2024 15:32

Tgt Ion:165 Resp: 22535
Ion Ratio Lower Upper
165 100
63 1.1 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: BF139658.D

Acq: 04 Oct 2024 15:32

Instrument :

BNA_F

ClientSampleId :

TP3

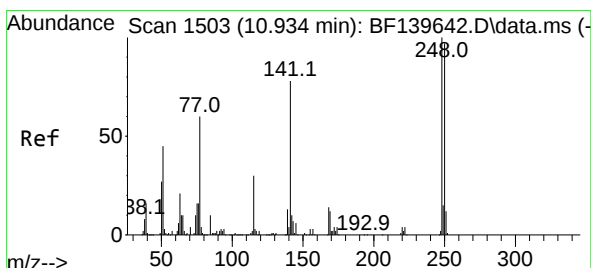
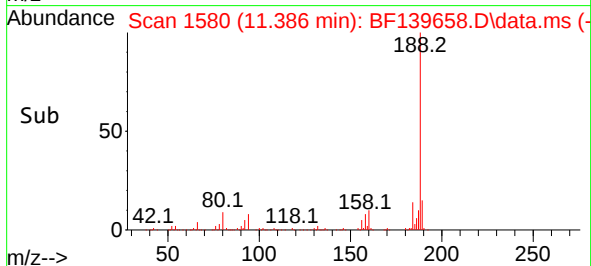
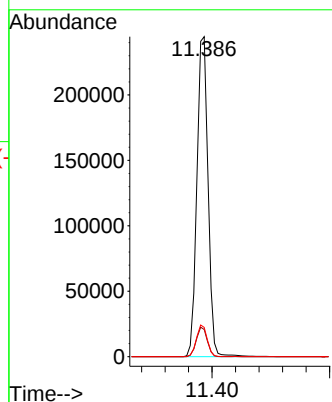
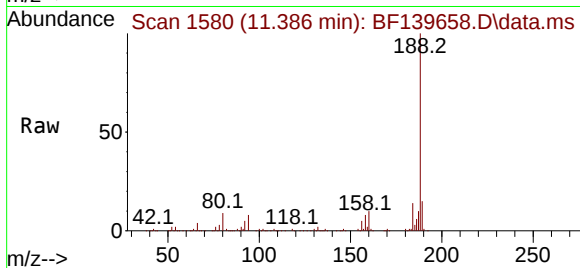
Tgt Ion:188 Resp: 321488

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

80 9.2 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 5.551 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139658.D

Acq: 04 Oct 2024 15:32

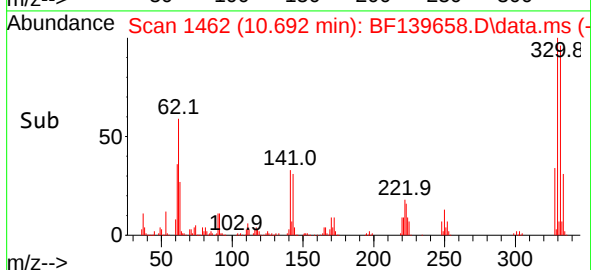
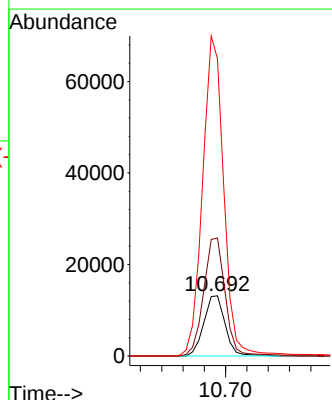
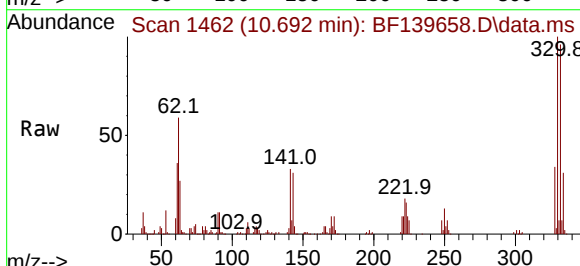
Tgt Ion:248 Resp: 18297

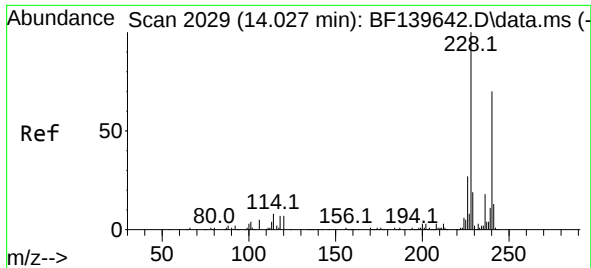
Ion Ratio Lower Upper

248 100

250 196.0 77.1 115.7#

141 493.5 60.4 90.6#

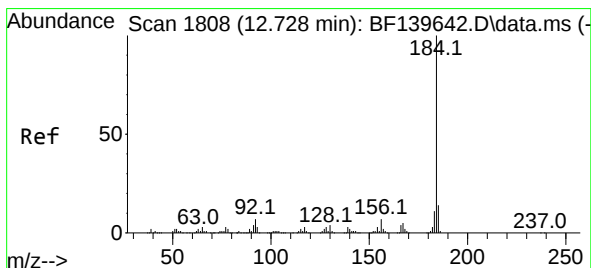
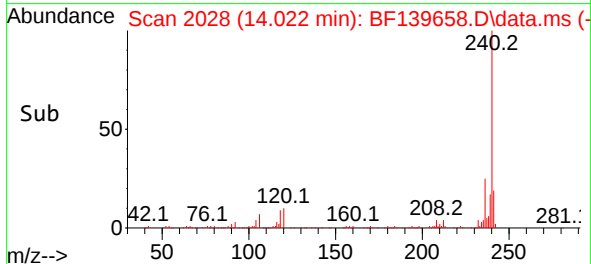
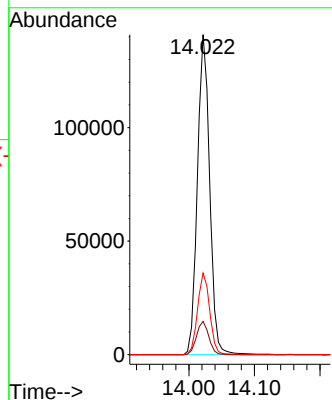
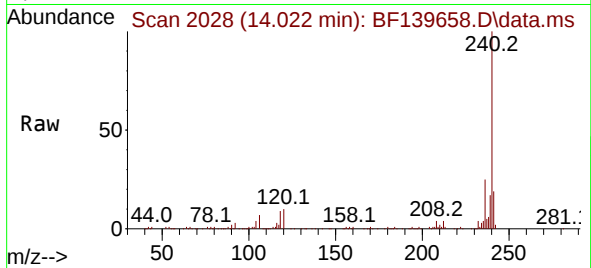




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BF139658.D
Acq: 04 Oct 2024 15:32

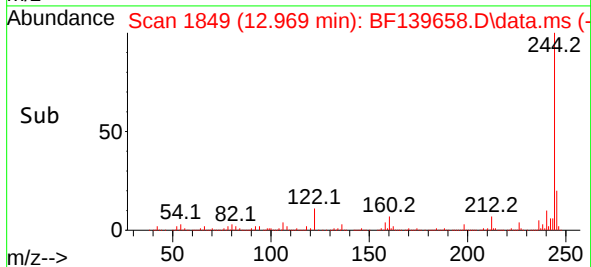
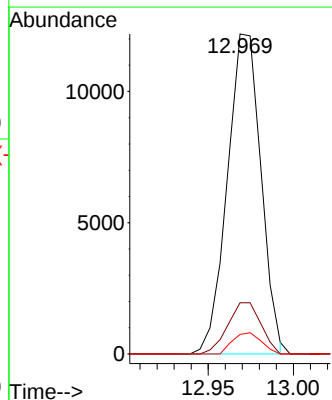
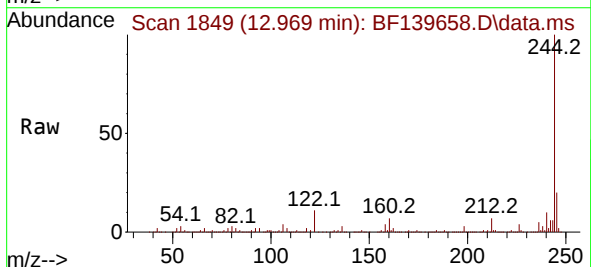
Instrument :
BNA_F
ClientSampleId :
TP3

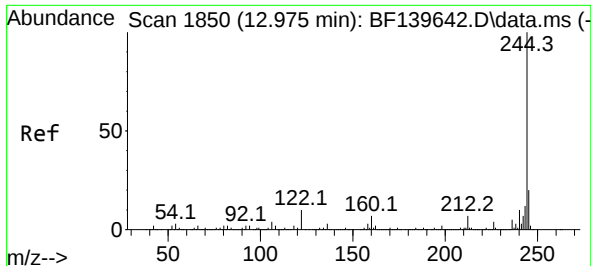
Tgt Ion:240 Resp: 183475
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 25.5 20.3 30.5



#77
Benzidine
Concen: 5.179 ng
RT: 12.969 min Scan# 1849
Delta R.T. 0.241 min
Lab File: BF139658.D
Acq: 04 Oct 2024 15:32

Tgt Ion:184 Resp: 16760
Ion Ratio Lower Upper
184 100
185 16.0 11.4 17.0
183 6.1 8.8 13.2#

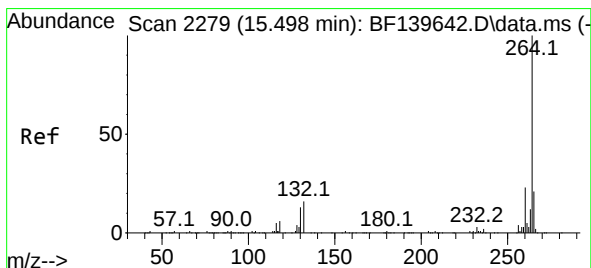
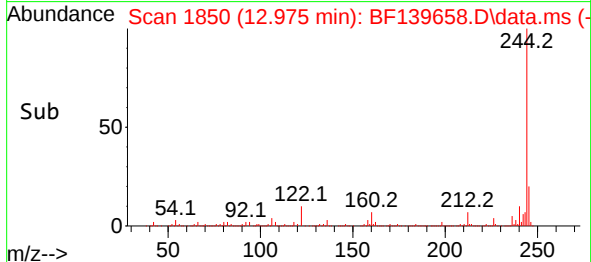
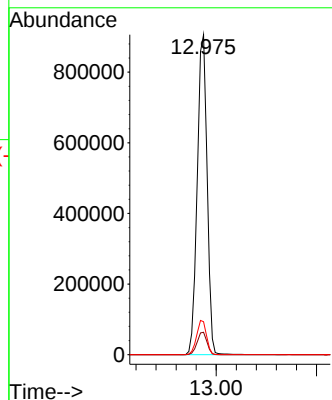
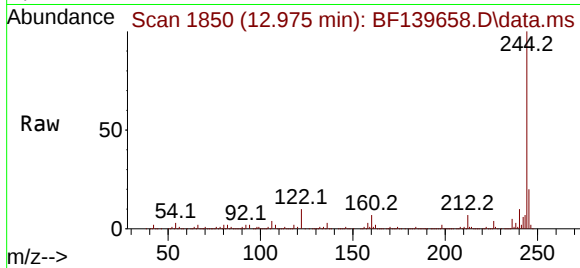




#79
 Terphenyl-d14
 Concen: 110.383 ng
 RT: 12.975 min Scan# 1850
 Delta R.T. -0.005 min
 Lab File: BF139658.D
 Acq: 04 Oct 2024 15:32

Instrument :
 BNA_F
 ClientSampleId :
 TP3

Tgt Ion:244 Resp: 1234282
 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: BF139658.D
 Acq: 04 Oct 2024 15:32

Tgt Ion:264 Resp: 161151
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 20.7 16.9 25.3

