

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139761.D
 Acq On : 10 Oct 2024 22:16
 Operator : RC/JU
 Sample : SP6639
 Misc : 625.1 SURROGATES
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP6639

Quant Time: Oct 10 23:21:17 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)

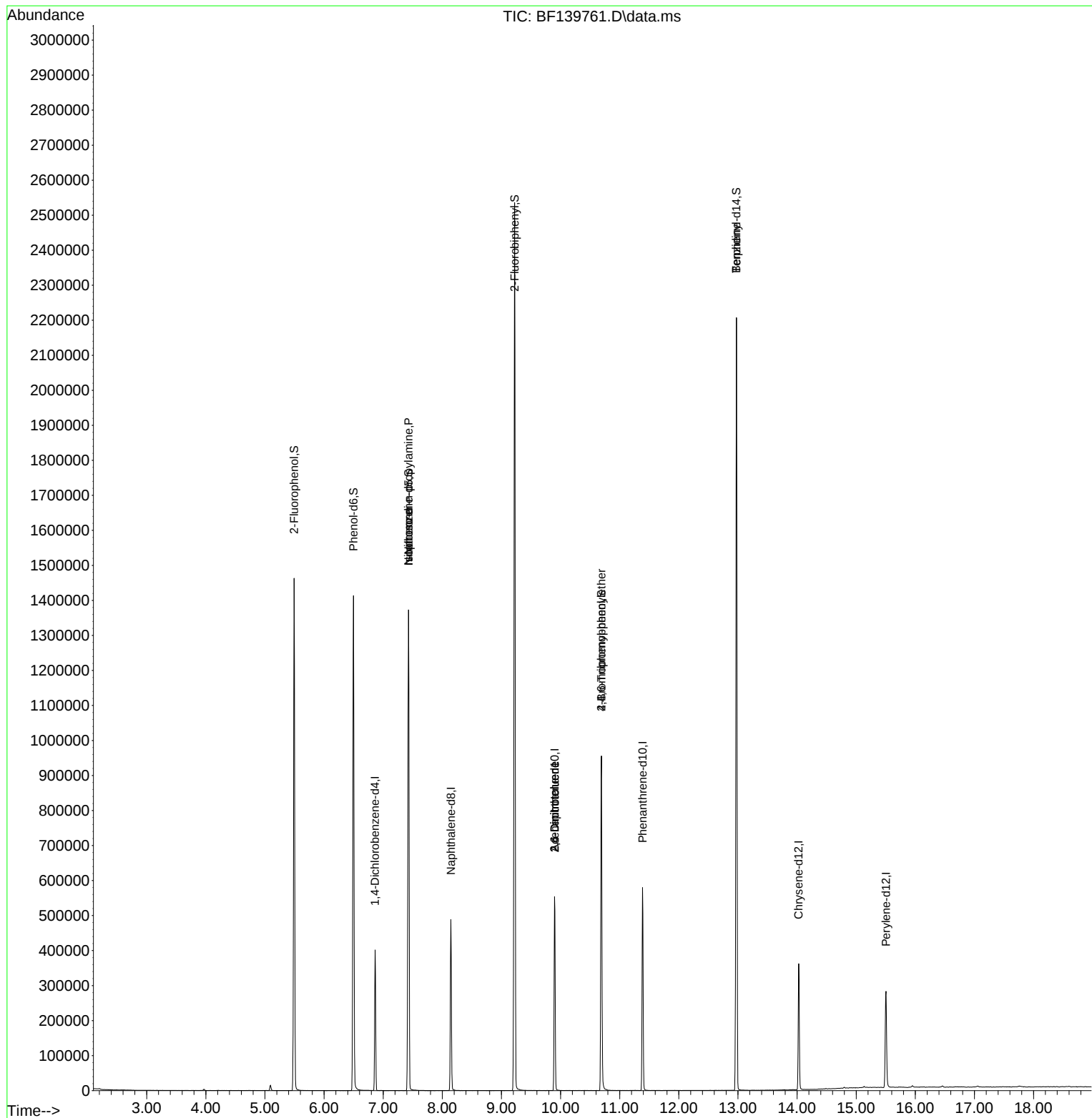
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	78973	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	299610	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	167665	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	311891	20.000	ng	0.00
76) Chrysene-d12	14.027	240	175824	20.000	ng	0.00
86) Perylene-d12	15.504	264	173454	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	504364	110.694	ng	0.00
7) Phenol-d6	6.498	99	646861	105.570	ng	0.00
23) Nitrobenzene-d5	7.428	82	613495	103.673	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	158230	97.761	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1142824	104.640	ng	0.00
79) Terphenyl-d14	12.974	244	1072693	100.106	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	82910	21.047	ng	# 75
25) Isophorone	7.428	82	608919	57.935	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	21543	8.689	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	21543	6.648	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	10510	3.287	ng	# 1
77) Benzidine	12.974	184	14132	4.557	ng	# 93

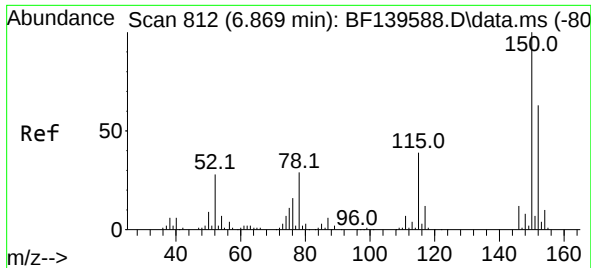
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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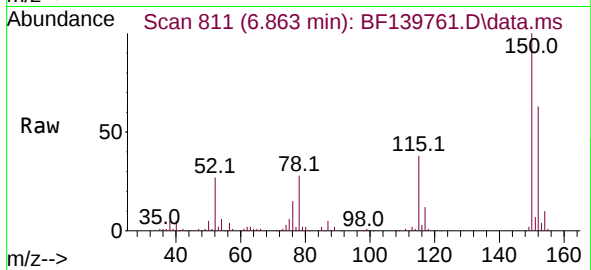
Quant Time: Oct 10 23:21:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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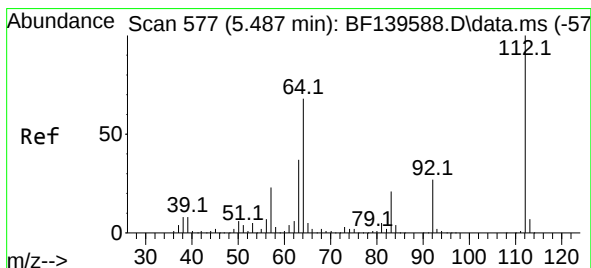
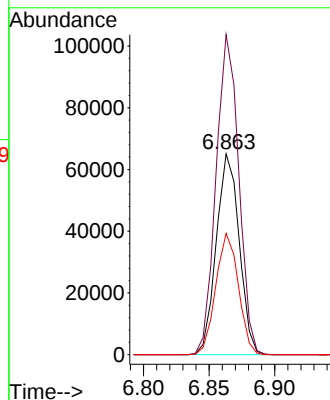
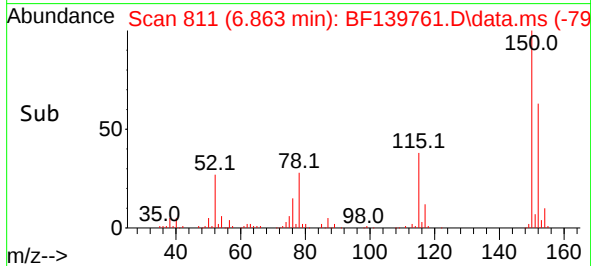


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139761.D
Acq: 10 Oct 2024 22:16

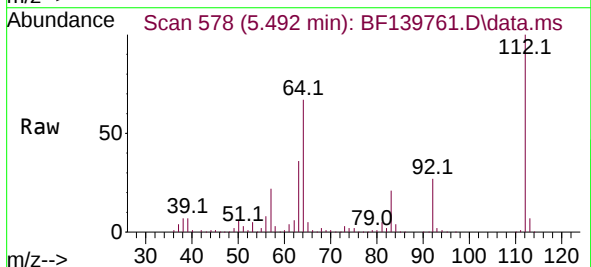
Instrument :
BNA_F
ClientSampleId :
SP6639



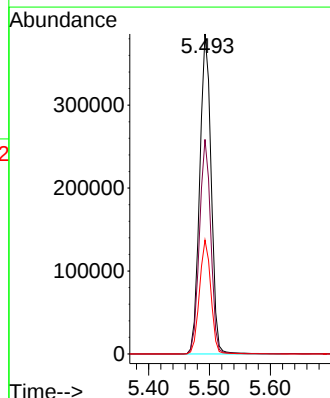
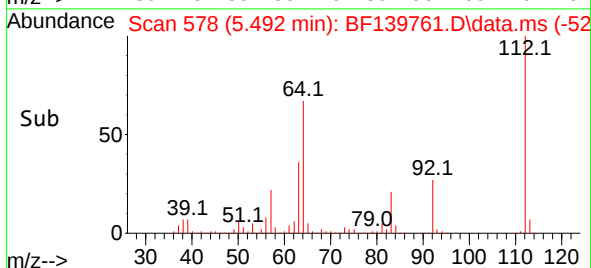
Tgt Ion:152 Resp: 78973
Ion Ratio Lower Upper
152 100
150 159.4 127.2 190.8
115 60.4 49.0 73.4

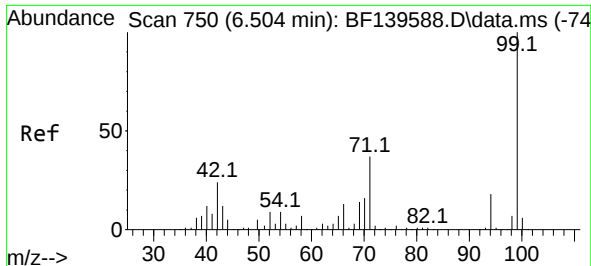


#5
2-Fluorophenol
Concen: 110.694 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.005 min
Lab File: BF139761.D
Acq: 10 Oct 2024 22:16



Tgt Ion:112 Resp: 504364
Ion Ratio Lower Upper
112 100
64 67.1 54.2 81.4
63 35.6 29.4 44.2

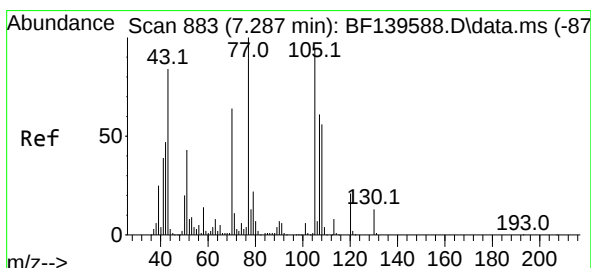
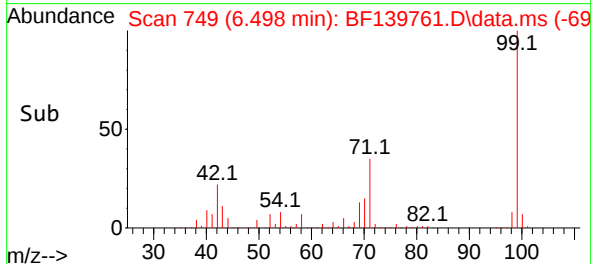
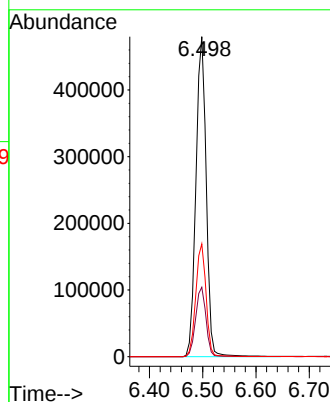
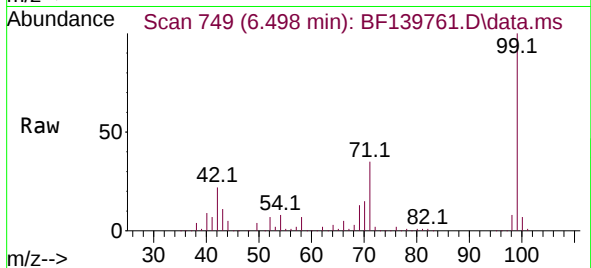




#7
Phenol-d6
Concen: 105.570 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139761.D
Acq: 10 Oct 2024 22:16

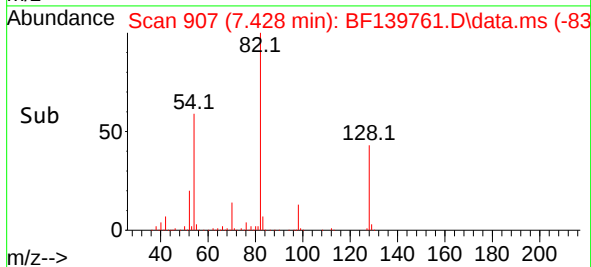
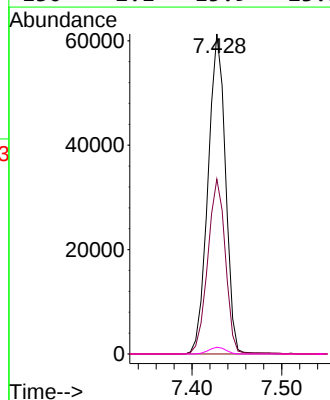
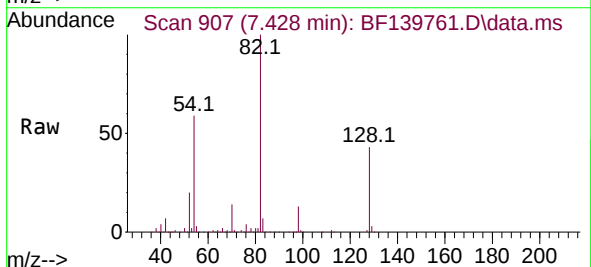
Instrument :
BNA_F
ClientSampleId :
SP6639

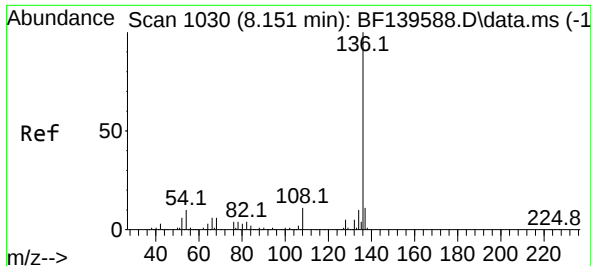
Tgt Ion: 99 Resp: 646861
Ion Ratio Lower Upper
99 100
42 21.7 19.1 28.7
71 35.2 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 21.047 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139761.D
Acq: 10 Oct 2024 22:16

Tgt Ion: 70 Resp: 82910
Ion Ratio Lower Upper
70 100
42 54.7 58.0 87.0#
101 0.0 7.8 11.8#
130 2.1 15.9 23.9#

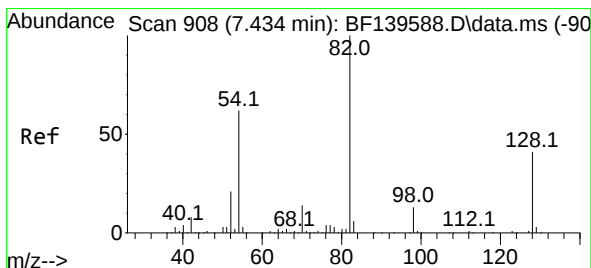
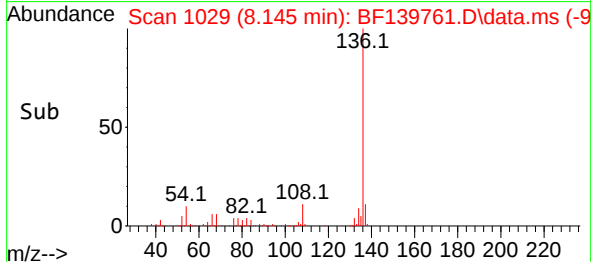
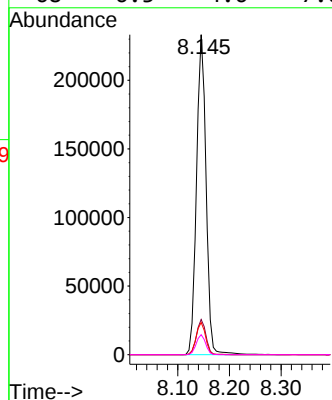
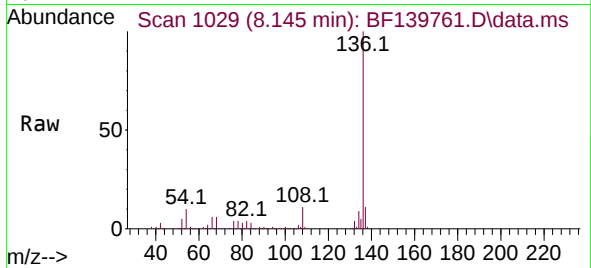




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139761.D
Acq: 10 Oct 2024 22:16

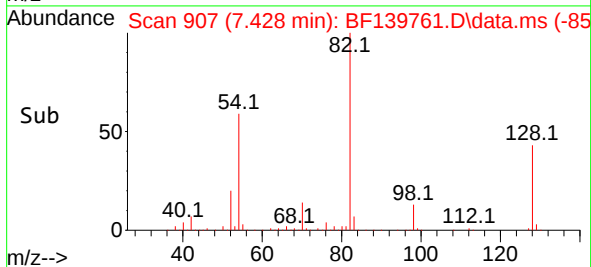
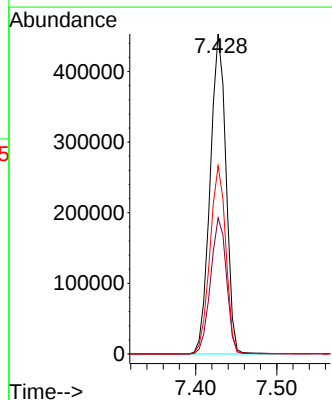
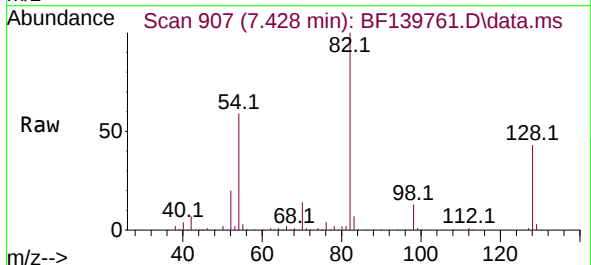
Instrument :
BNA_F
ClientSampleId :
SP6639

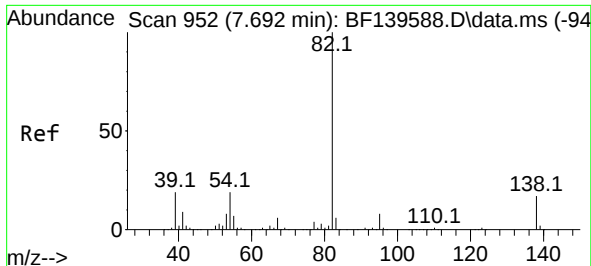
Tgt Ion:136	Resp: 299610
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 10.1	8.3 12.5
68 6.3	4.6 7.0



#23
Nitrobenzene-d5
Concen: 103.673 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139761.D
Acq: 10 Oct 2024 22:16

Tgt Ion: 82	Resp: 613495
Ion Ratio	Lower Upper
82 100	
128 42.6	32.4 48.6
54 58.8	49.1 73.7

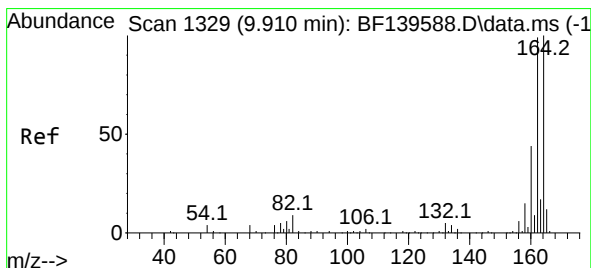
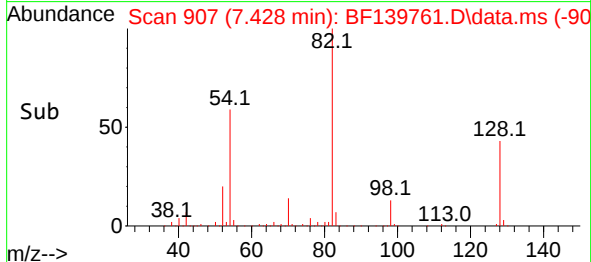
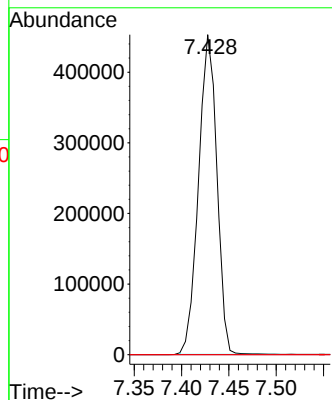
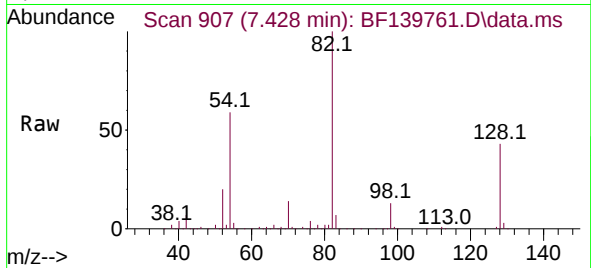




#25
Isophorone
Concen: 57.935 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139761.D
Acq: 10 Oct 2024 22:16

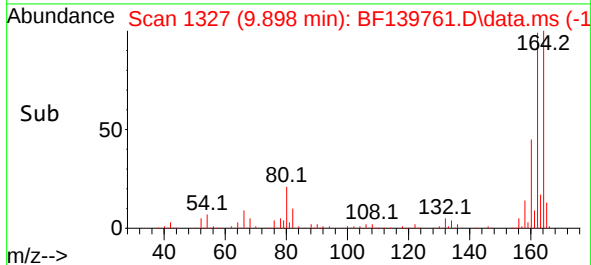
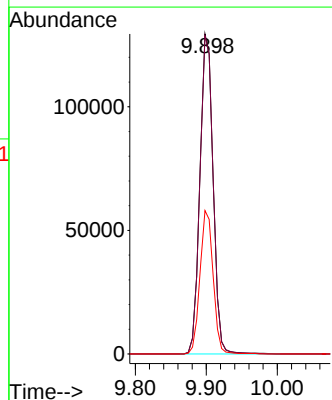
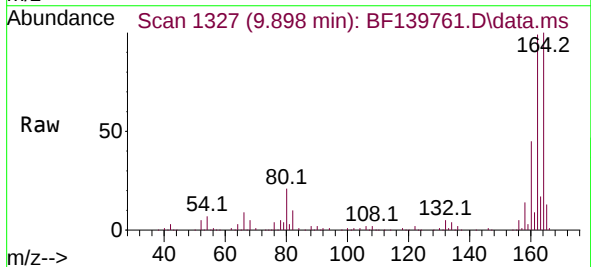
Instrument :
BNA_F
ClientSampleId :
SP6639

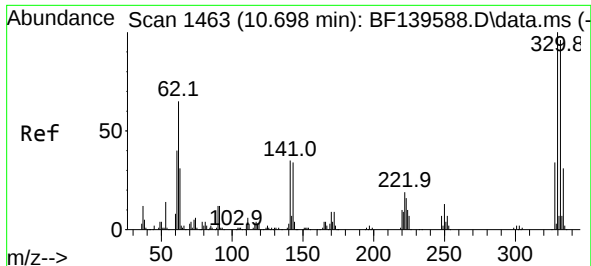
Tgt Ion: 82 Resp: 608919
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139761.D
Acq: 10 Oct 2024 22:16

Tgt Ion:164 Resp: 167665
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.0
160 44.8 35.1 52.7

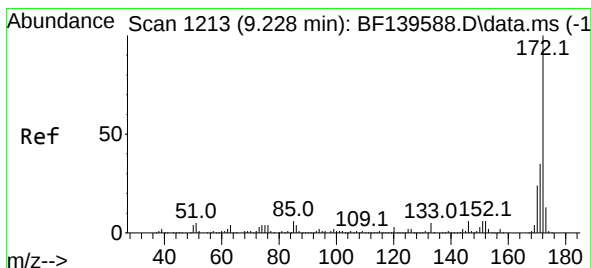
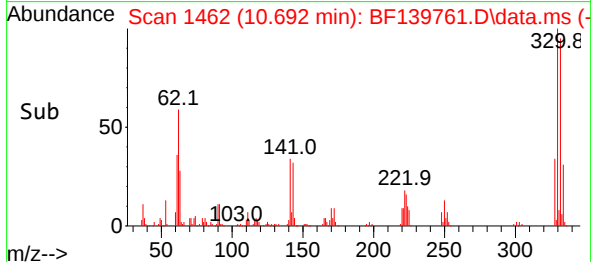
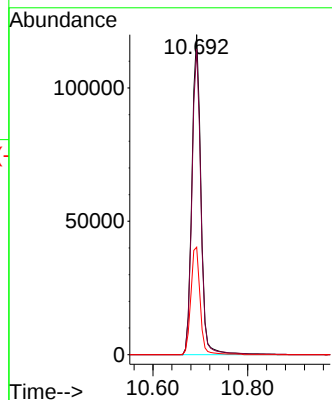
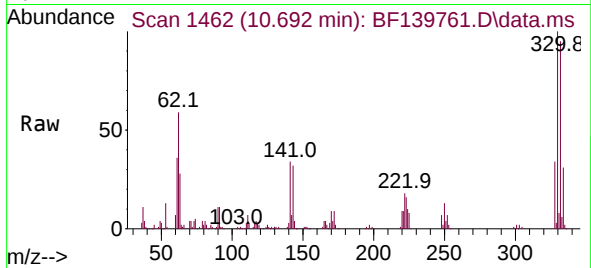




#42
2,4,6-Tribromophenol
Concen: 97.761 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139761.D
Acq: 10 Oct 2024 22:16

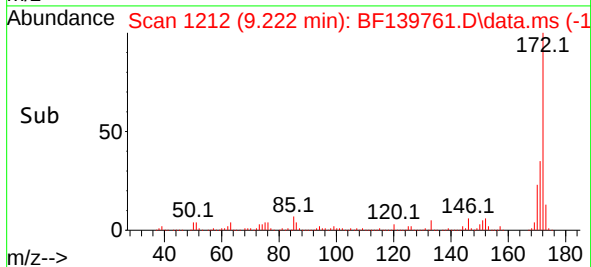
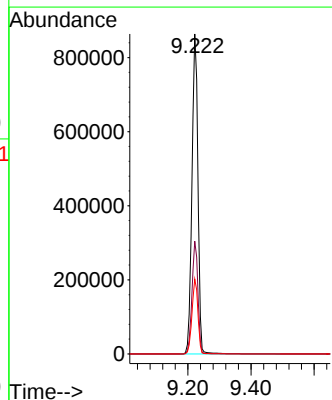
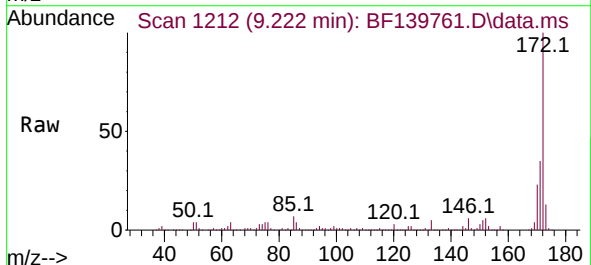
Instrument :
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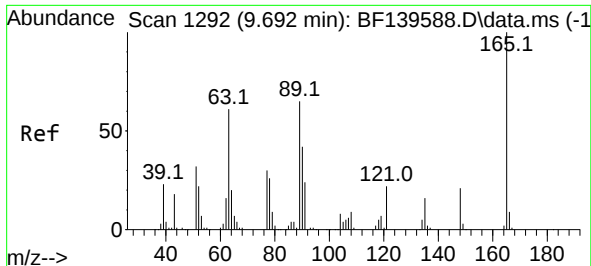
Tgt Ion:330 Resp: 158230
Ion Ratio Lower Upper
330 100
332 94.9 76.5 114.7
141 34.6 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 104.640 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139761.D
Acq: 10 Oct 2024 22:16

Tgt Ion:172 Resp: 1142824
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.4 18.8 28.2

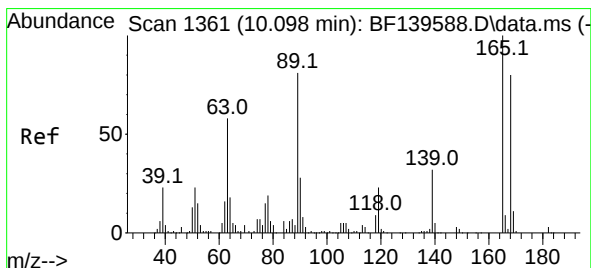
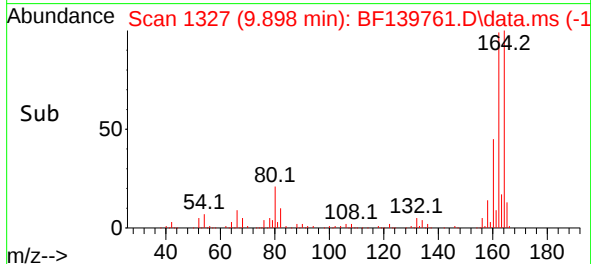
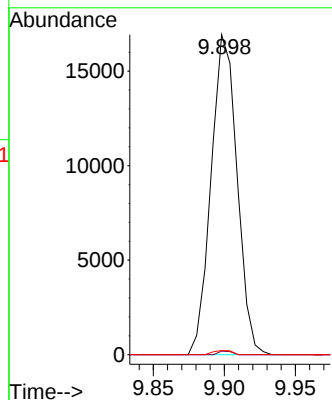
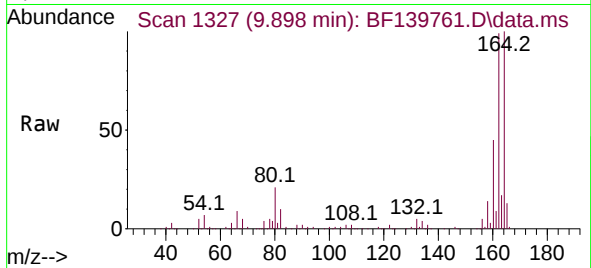




#51
2,6-Dinitrotoluene
Concen: 8.689 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139761.D
Acq: 10 Oct 2024 22:16

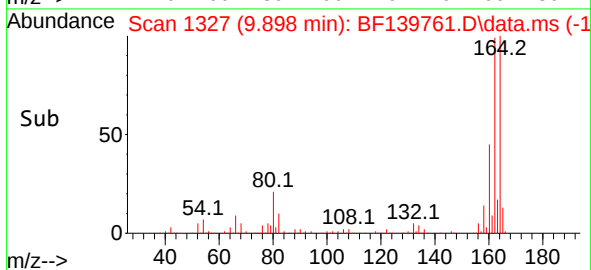
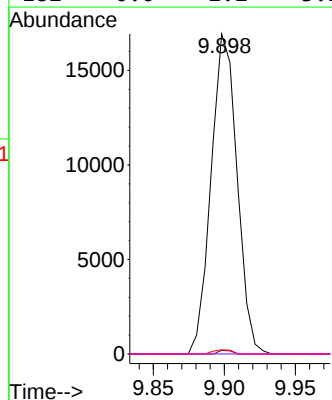
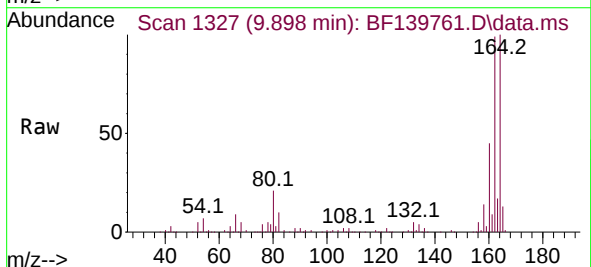
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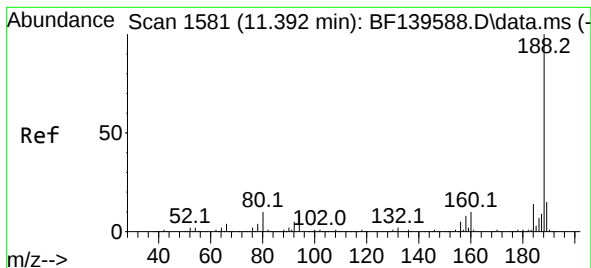
Tgt Ion:165 Resp: 21543
Ion Ratio Lower Upper
165 100
63 1.1 56.7 85.1#
89 1.3 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.648 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139761.D
Acq: 10 Oct 2024 22:16

Tgt Ion:165 Resp: 21543
Ion Ratio Lower Upper
165 100
63 1.1 46.9 70.3#
89 1.3 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: BF139761.D

Acq: 10 Oct 2024 22:16

Instrument :

BNA_F

ClientSampleId :

SP6639

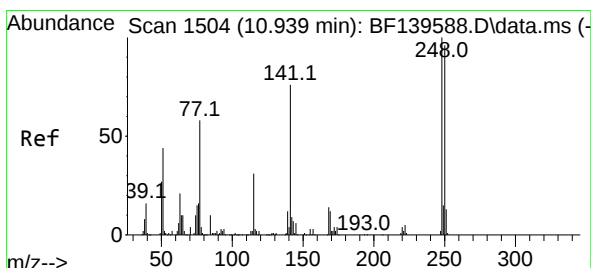
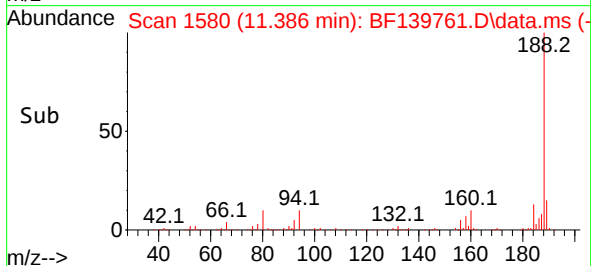
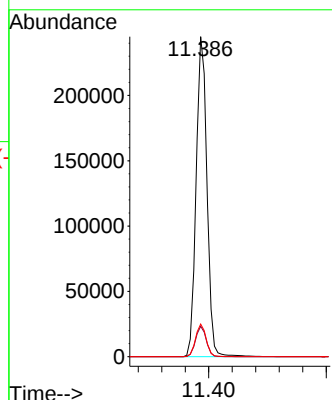
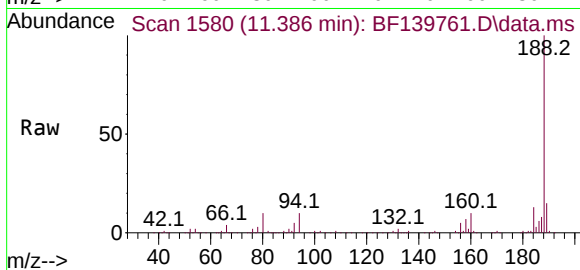
Tgt Ion:188 Resp: 311891

Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

80 10.2 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 3.287 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139761.D

Acq: 10 Oct 2024 22:16

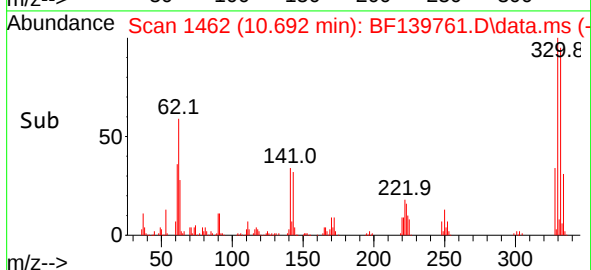
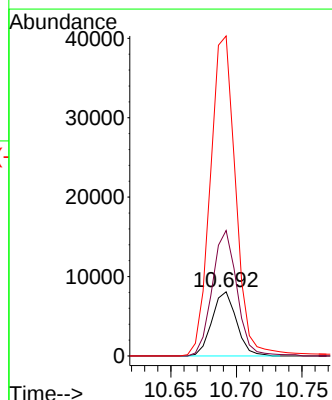
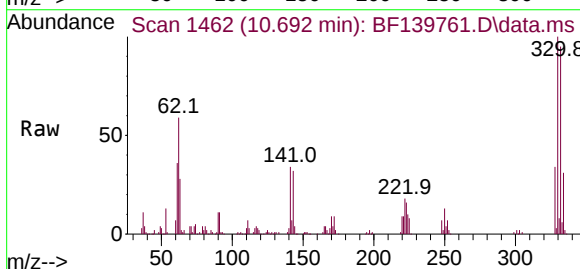
Tgt Ion:248 Resp: 10510

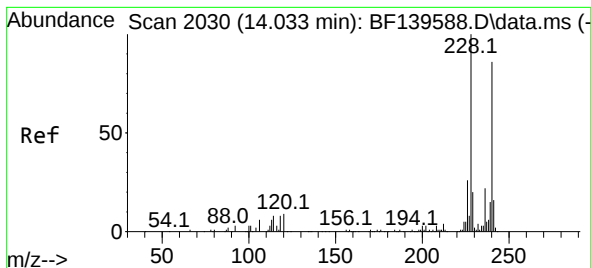
Ion Ratio Lower Upper

248 100

250 195.7 77.1 115.7#

141 499.2 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139761.D

Acq: 10 Oct 2024 22:16

Instrument :

BNA_F

ClientSampleId :

SP6639

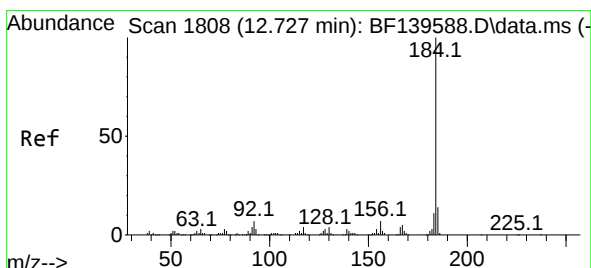
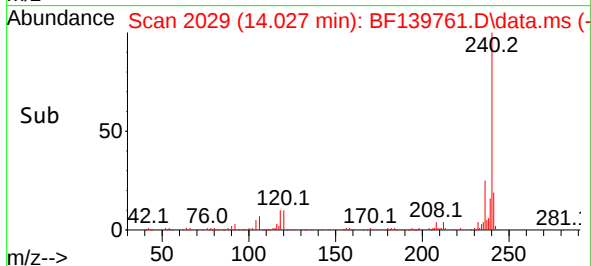
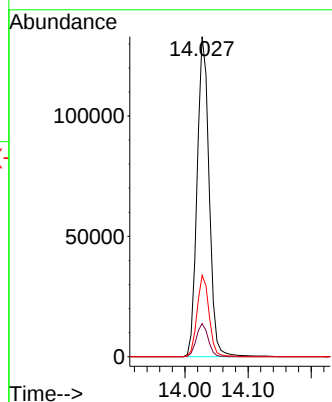
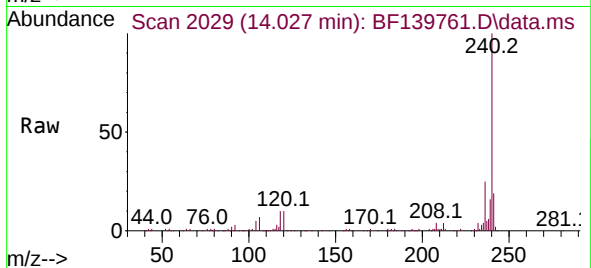
Tgt Ion:240 Resp: 175824

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

236 25.4 20.3 30.5



#77

Benzidine

Concen: 4.557 ng

RT: 12.974 min Scan# 1850

Delta R.T. 0.247 min

Lab File: BF139761.D

Acq: 10 Oct 2024 22:16

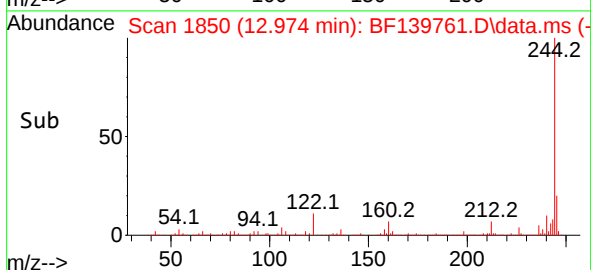
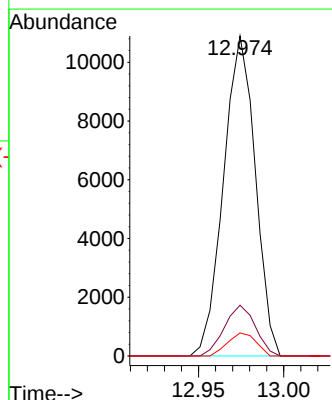
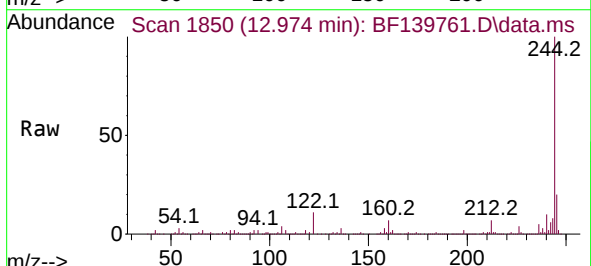
Tgt Ion:184 Resp: 14132

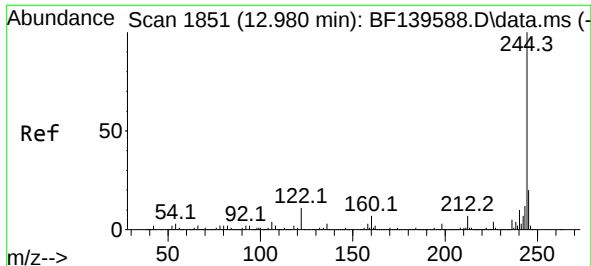
Ion Ratio Lower Upper

184 100

185 15.8 11.4 17.0

183 7.2 8.8 13.2#

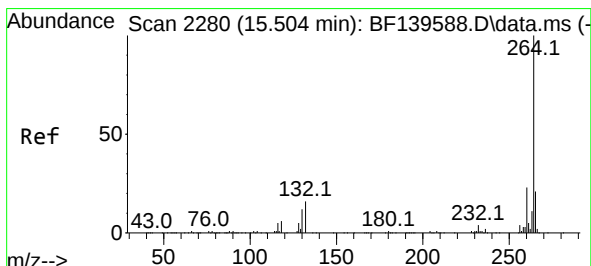
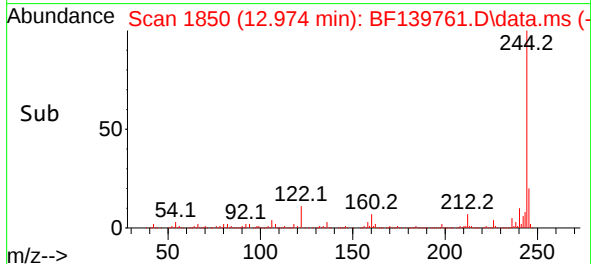
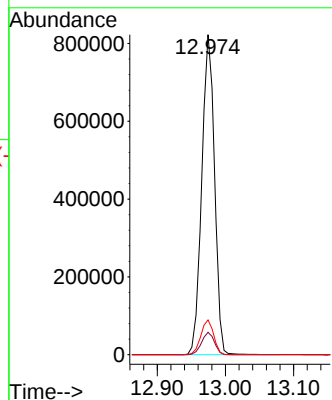
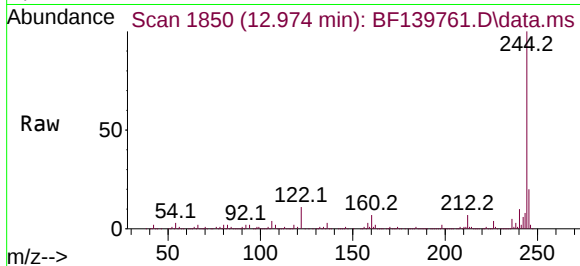




#79
 Terphenyl-d14
 Concen: 100.106 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139761.D
 Acq: 10 Oct 2024 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SP6639

Tgt Ion:244 Resp: 1072693
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.000 min
 Lab File: BF139761.D
 Acq: 10 Oct 2024 22:16

Tgt Ion:264 Resp: 173454
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 20.6 16.9 25.3

