

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
 Data File : BF143603.D
 Acq On : 27 Aug 2025 12:52
 Operator : RC/JU
 Sample : Q2924-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18C-082025

Quant Time: Aug 27 13:19:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 26 16:30:52 2025
 Response via : Initial Calibration

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

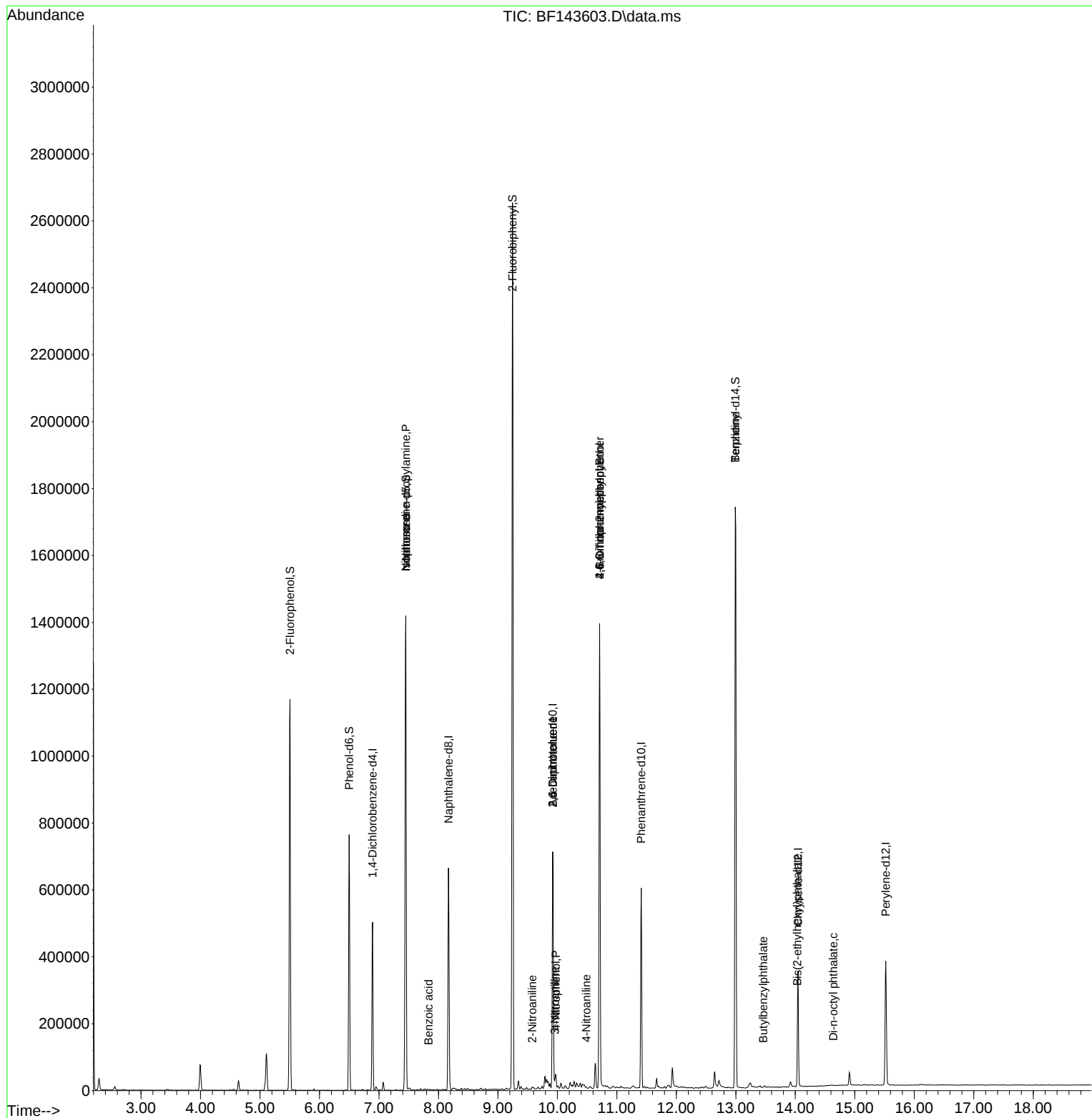
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	107445	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	403245	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	213409	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	297699	20.000	ng	0.00
76) Chrysene-d12	14.045	240	161336	20.000	ng	0.00
86) Perylene-d12	15.521	264	218565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	424790	67.289	ng	0.00
7) Phenol-d6	6.498	99	327985	41.947	ng	-0.01
23) Nitrobenzene-d5	7.451	82	637608	112.899	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	236633	141.790	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1186706	95.075	ng	0.00
79) Terphenyl-d14	12.992	244	871067	96.886	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	85237	17.208	ng	# 74
25) Isophorone	7.451	82	635233	48.064	ng	# 66
32) Benzoic acid	7.834	122	195	7.382	ng	96
48) 2-Nitroaniline	9.575	65	509	4.448	ng	# 8
51) 2,6-Dinitrotoluene	9.922	165	27266	15.916	ng	# 21
53) 3-Nitroaniline	9.957	138	5689	6.079	ng	# 7
56) 4-Nitrophenol	9.975	139	3733	6.830	ng	# 45
57) 2,4-Dinitrotoluene	9.922	165	27266	13.320	ng	# 22
62) 4-Nitroaniline	10.486	138	824	3.664	ng	# 40
65) 4,6-Dinitro-2-methylph...	10.710	198	376	8.091	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	15604	4.846	ng	# 1
77) Benzidine	12.992	184	10813	2.911	ng	# 93
80) Butylbenzylphthalate	13.463	149	114	3.695	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.033	149	634	3.358	ng	# 68
85) Di-n-octyl phthalate	14.639	149	55	5.872	ng	# 1

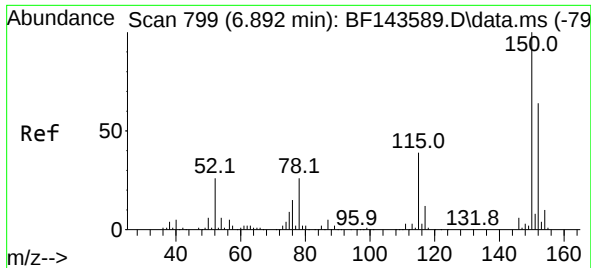
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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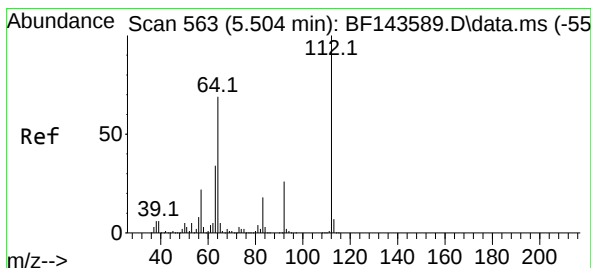
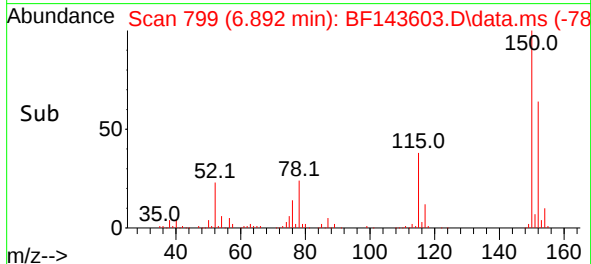
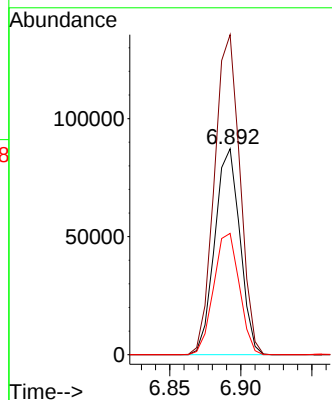
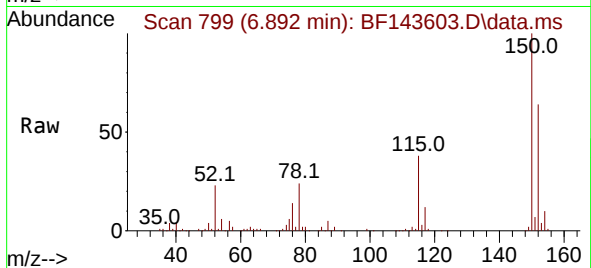




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: BF143603.D
 Acq: 27 Aug 2025 12:52

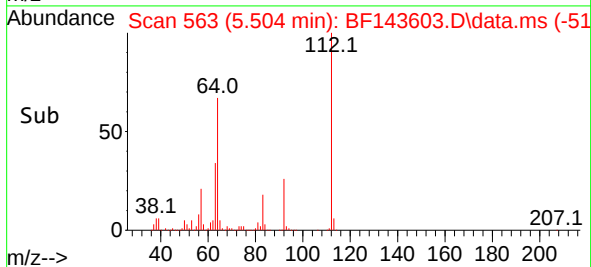
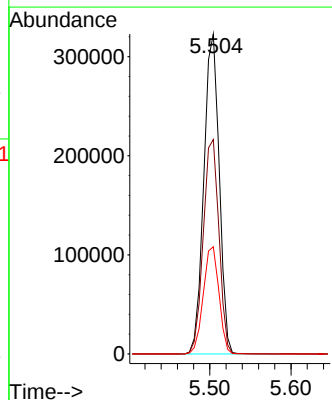
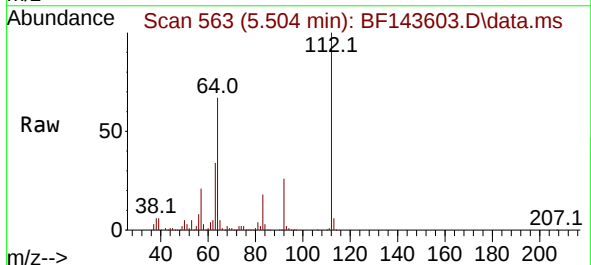
Instrument :
 BNA_F
 ClientSampleId :
 MW-18C-082025

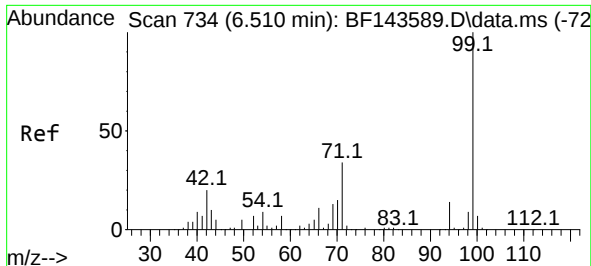
Tgt Ion:152 Resp: 107445
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.9 187.3
 115 58.9 48.0 72.0



#5
 2-Fluorophenol
 Concen: 67.289 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.000 min
 Lab File: BF143603.D
 Acq: 27 Aug 2025 12:52

Tgt Ion:112 Resp: 424790
 Ion Ratio Lower Upper
 112 100
 64 67.0 54.8 82.2
 63 33.5 27.6 41.4

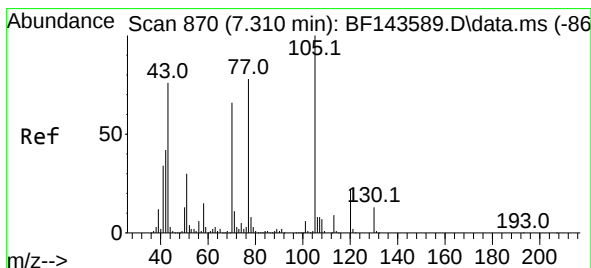
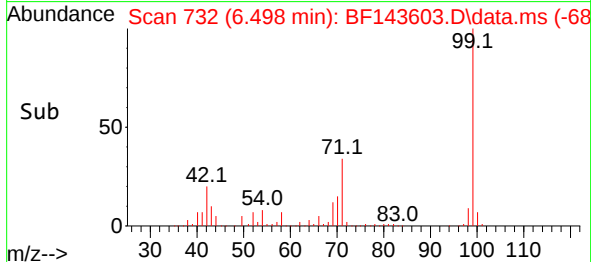
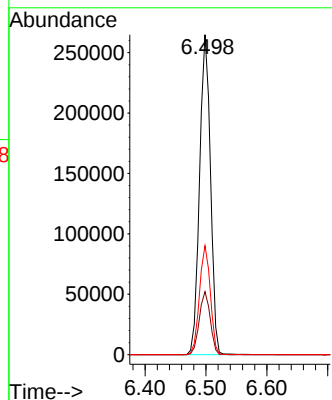
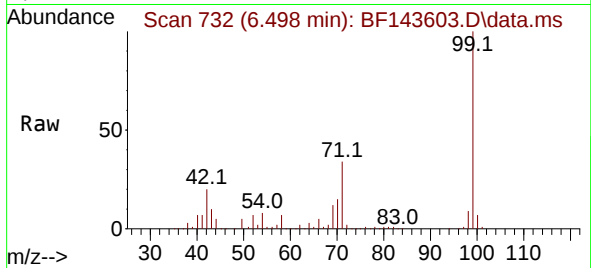




#7
Phenol-d6
Concen: 41.947 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

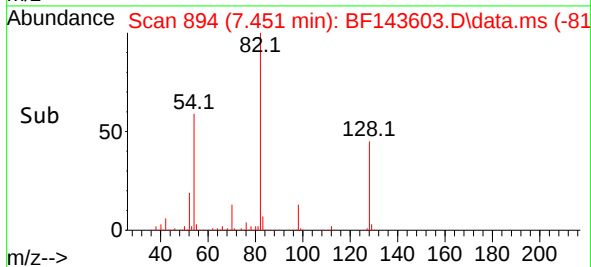
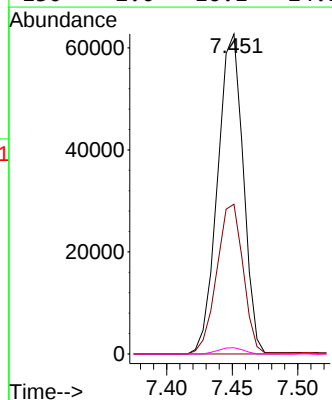
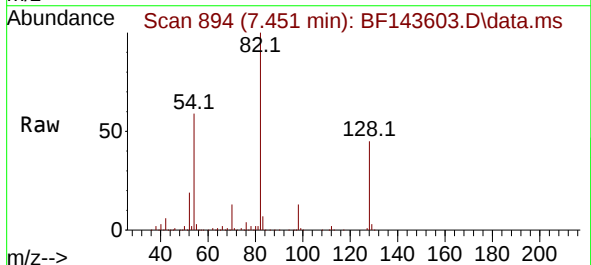
Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

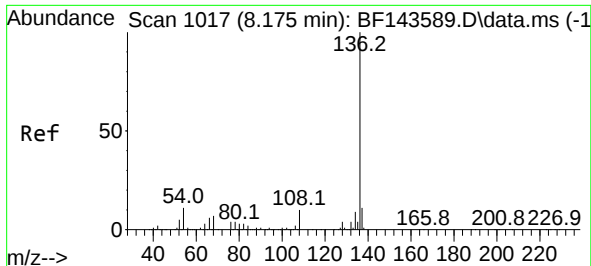
Tgt Ion: 99 Resp: 327985
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 34.1 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.208 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Tgt Ion: 70 Resp: 85237
Ion Ratio Lower Upper
70 100
42 46.8 50.6 75.8#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



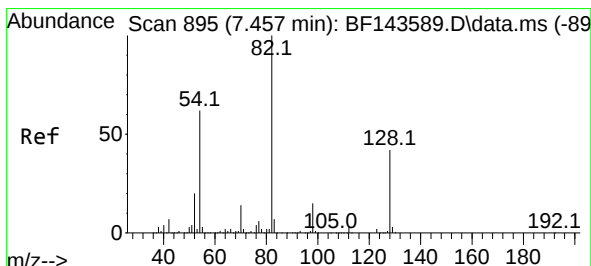
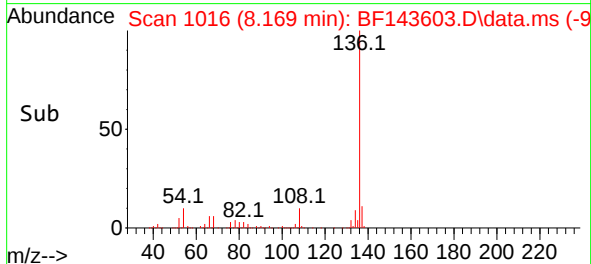
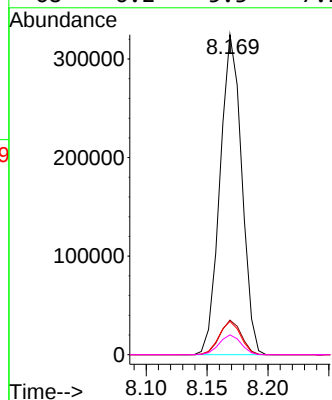
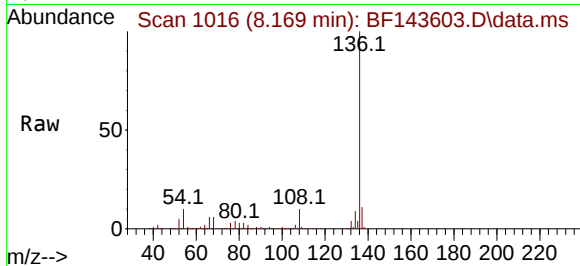


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

Tgt Ion:136 Resp: 403245

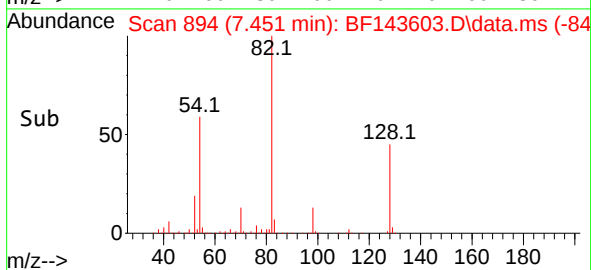
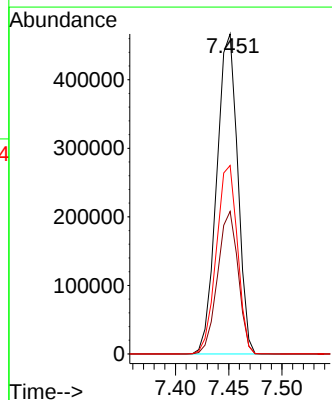
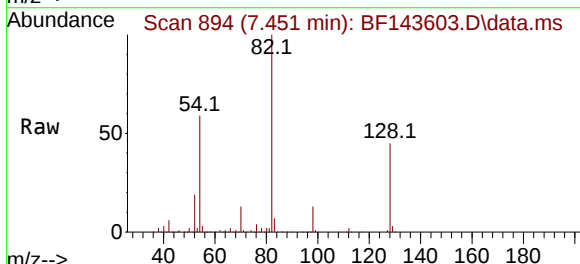
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	10.4	9.0	13.6
68	6.2	5.3	7.9

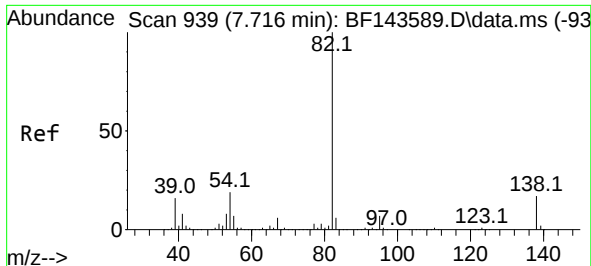


#23
Nitrobenzene-d5
Concen: 112.899 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Tgt Ion: 82 Resp: 637608

Ion	Ratio	Lower	Upper
82	100		
128	44.5	33.4	50.2
54	58.9	49.3	73.9

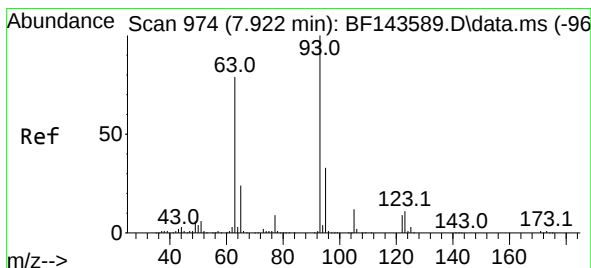
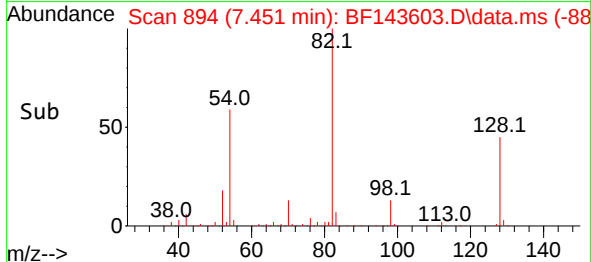
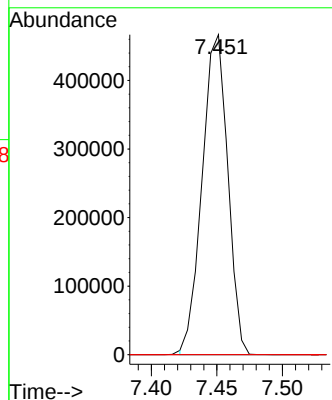
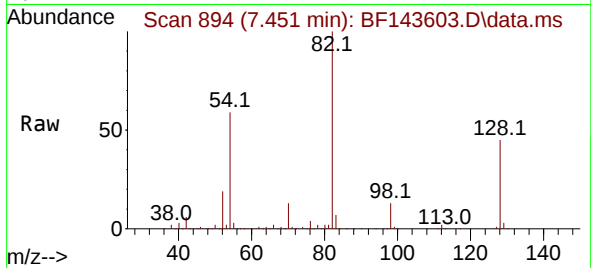




#25
Isophorone
Concen: 48.064 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

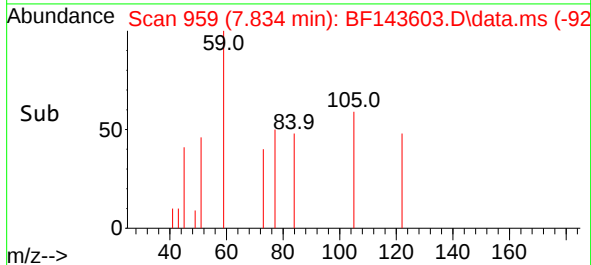
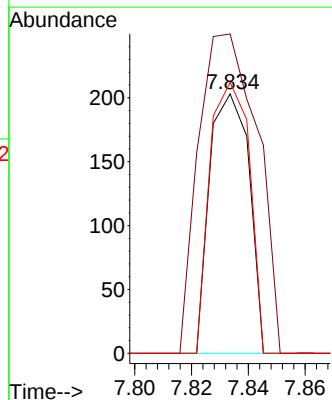
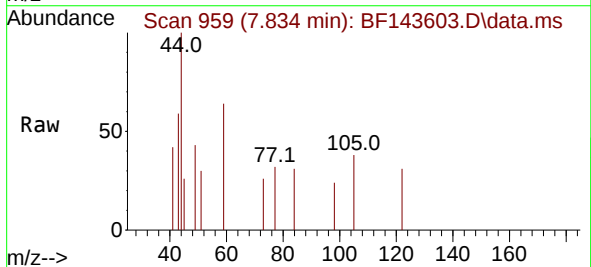
Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

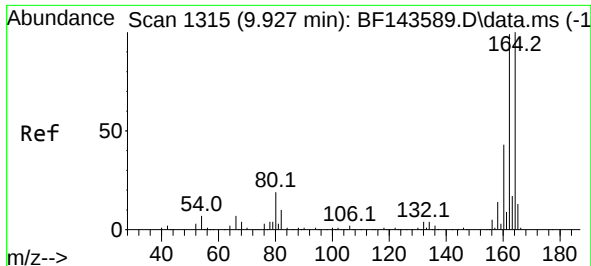
Tgt Ion: 82 Resp: 635233
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.8 20.8#



#32
Benzoic acid
Concen: 7.382 ng
RT: 7.834 min Scan# 959
Delta R.T. -0.088 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Tgt Ion:122 Resp: 195
Ion Ratio Lower Upper
122 100
105 123.2 106.4 146.4
77 104.4 79.3 119.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF143603.D

Acq: 27 Aug 2025 12:52

Instrument :

BNA_F

ClientSampleId :

MW-18C-082025

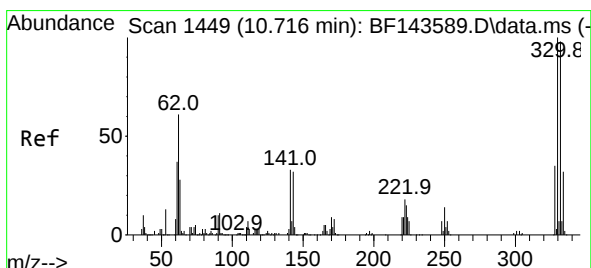
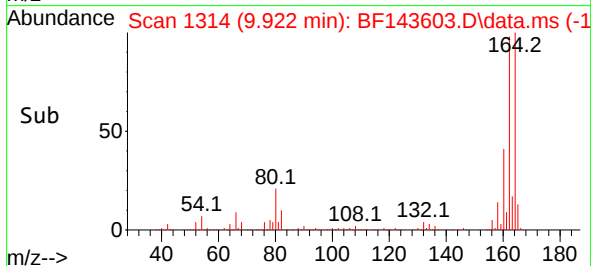
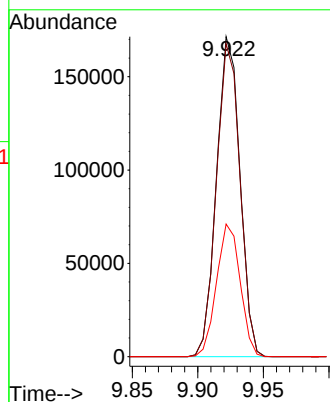
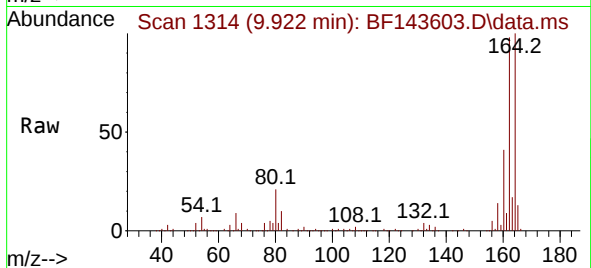
Tgt Ion:164 Resp: 213409

Ion Ratio Lower Upper

164 100

162 97.8 79.5 119.3

160 41.5 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 141.790 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143603.D

Acq: 27 Aug 2025 12:52

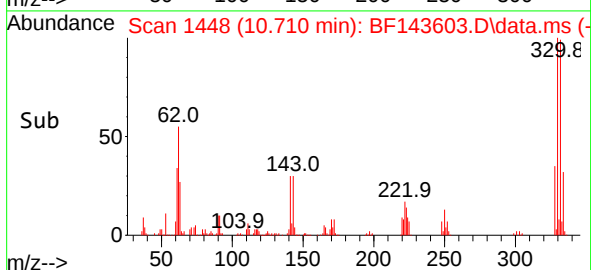
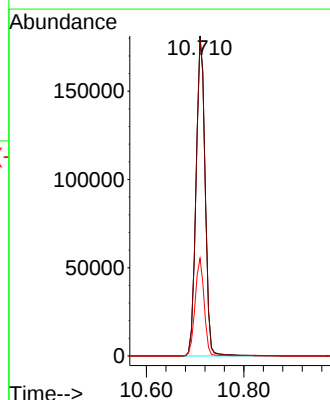
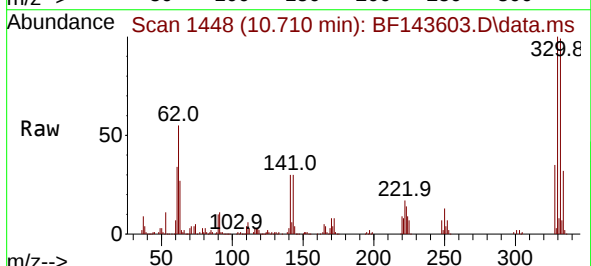
Tgt Ion:330 Resp: 236633

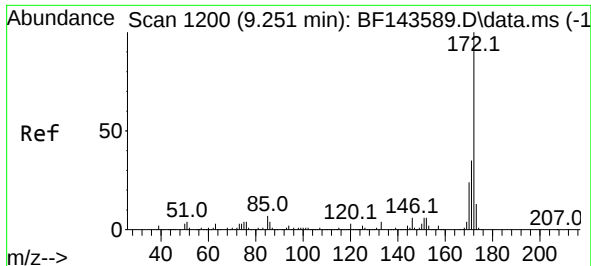
Ion Ratio Lower Upper

330 100

332 98.7 78.2 117.4

141 30.6 25.4 38.0

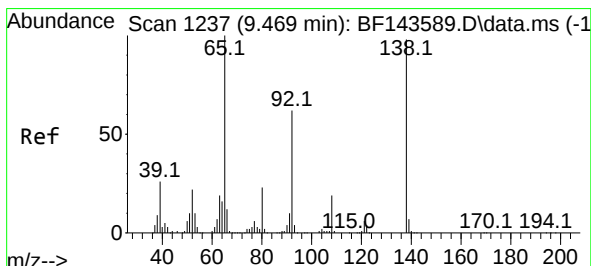
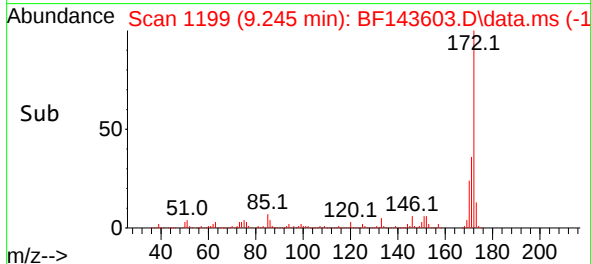
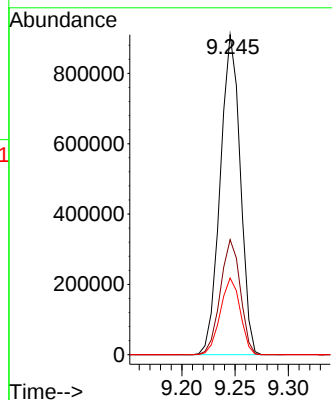
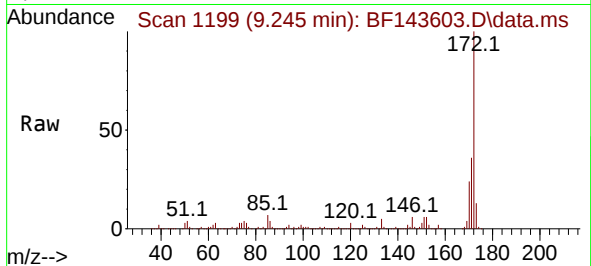




#45
2-Fluorobiphenyl
Concen: 95.075 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

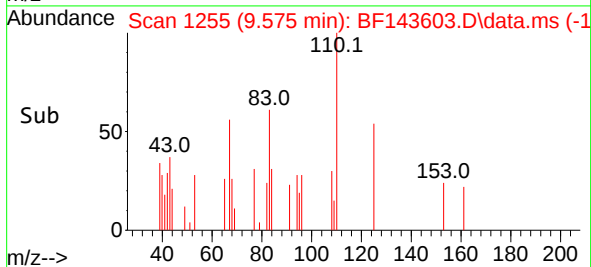
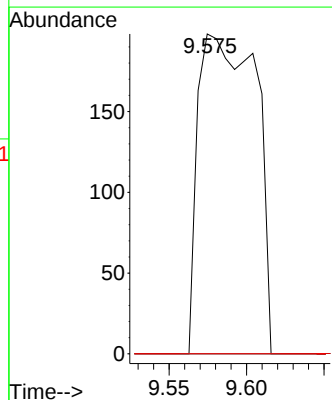
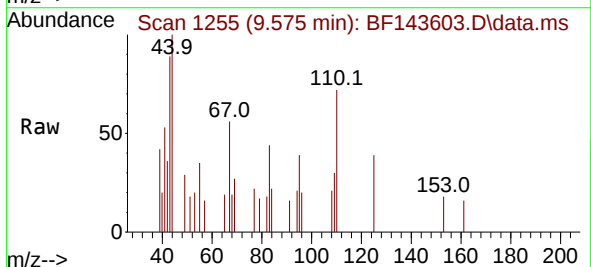
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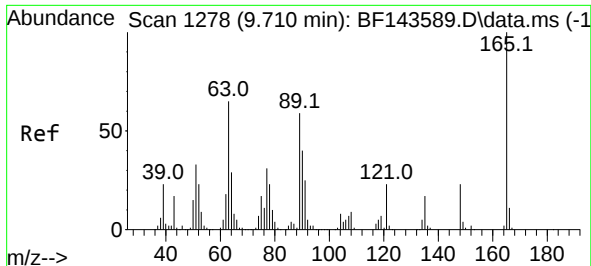
Tgt Ion:172 Resp: 1186706
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.9 19.0 28.4



#48
2-Nitroaniline
Concen: 4.448 ng
RT: 9.575 min Scan# 1255
Delta R.T. 0.106 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Tgt Ion: 65 Resp: 509
Ion Ratio Lower Upper
65 100
92 0.0 49.6 74.4#
138 0.0 78.6 118.0#





#51

2,6-Dinitrotoluene

Concen: 15.916 ng

RT: 9.922 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF143603.D

Acq: 27 Aug 2025 12:52

Instrument :

BNA_F

ClientSampleId :

MW-18C-082025

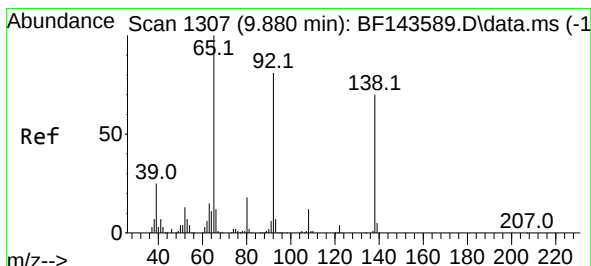
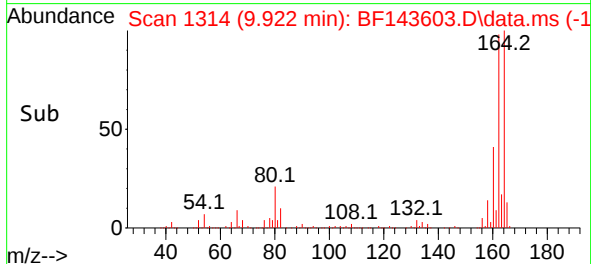
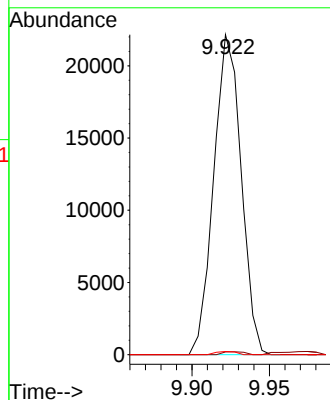
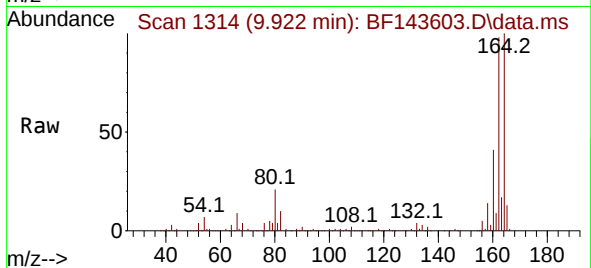
Tgt Ion:165 Resp: 27266

Ion Ratio Lower Upper

165 100

63 0.9 51.8 77.6#

89 1.0 47.4 71.2#



#53

3-Nitroaniline

Concen: 6.079 ng

RT: 9.957 min Scan# 1320

Delta R.T. 0.077 min

Lab File: BF143603.D

Acq: 27 Aug 2025 12:52

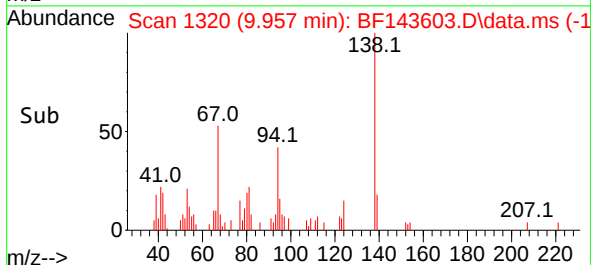
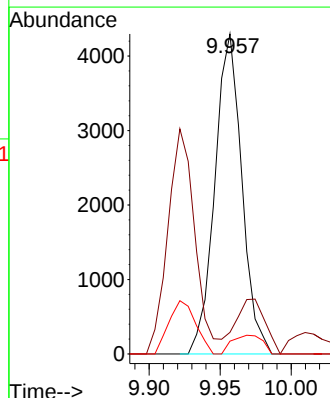
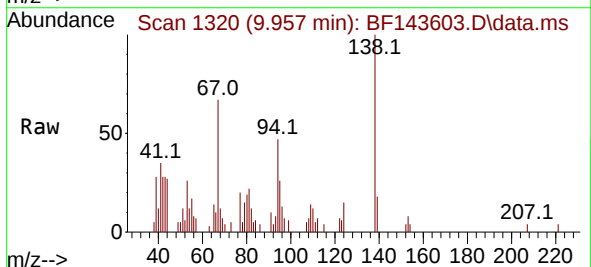
Tgt Ion:138 Resp: 5689

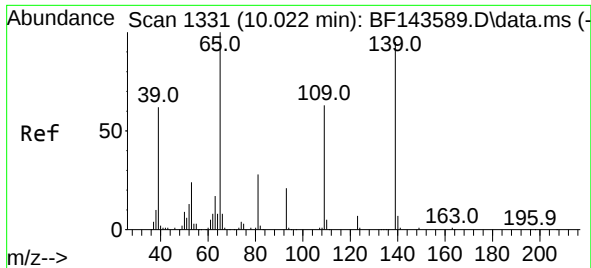
Ion Ratio Lower Upper

138 100

108 6.7 13.8 20.8#

92 4.0 92.6 139.0#

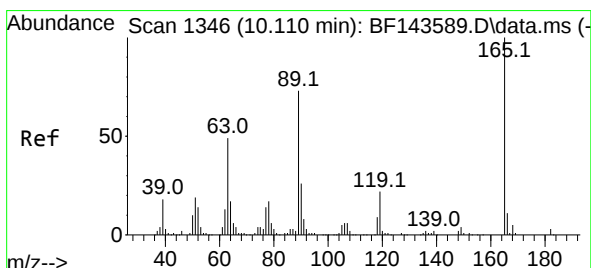
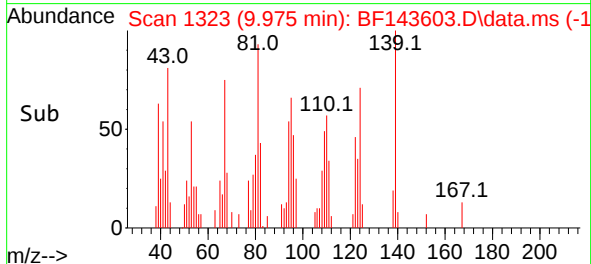
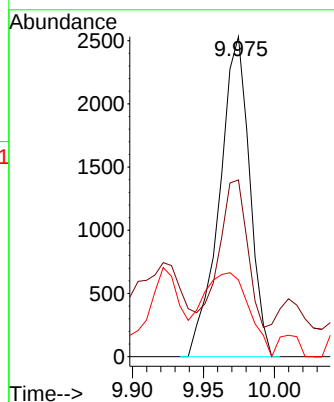
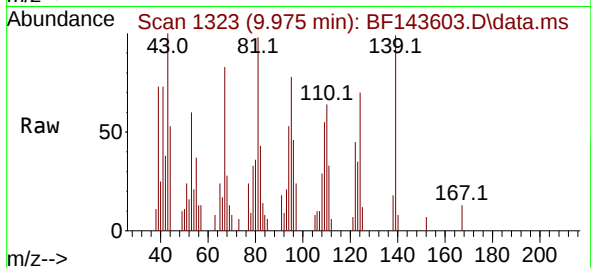




#56
4-Nitrophenol
Concen: 6.830 ng
RT: 9.975 min Scan# 11
Delta R.T. -0.047 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

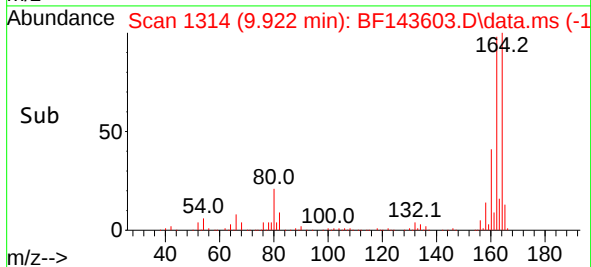
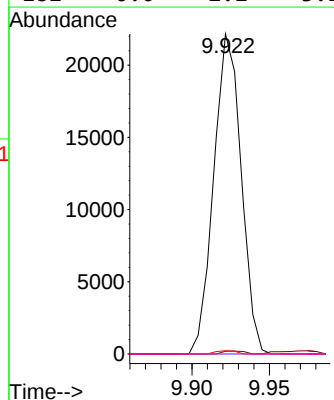
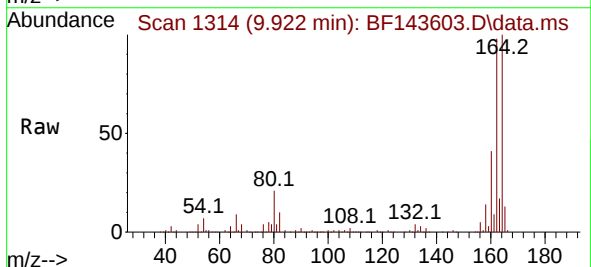
Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

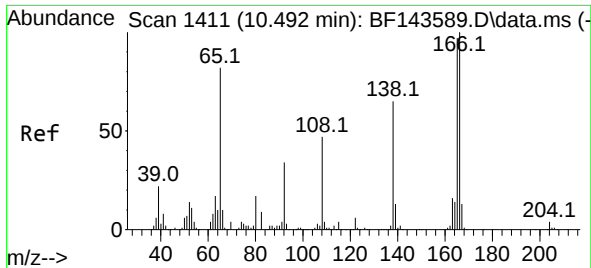
Tgt Ion:139 Resp: 3733
Ion Ratio Lower Upper
139 100
109 55.3 47.3 87.3
65 24.0 86.8 126.8#



#57
2,4-Dinitrotoluene
Concen: 13.320 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.188 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

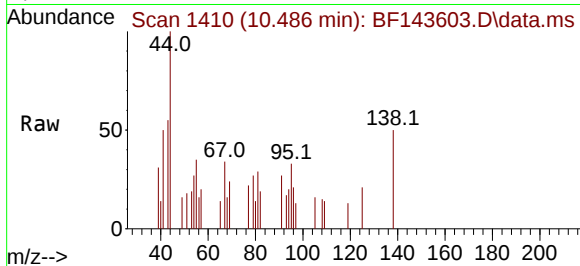
Tgt Ion:165 Resp: 27266
Ion Ratio Lower Upper
165 100
63 0.9 39.5 59.3#
89 1.0 58.1 87.1#
182 0.0 2.2 3.2#



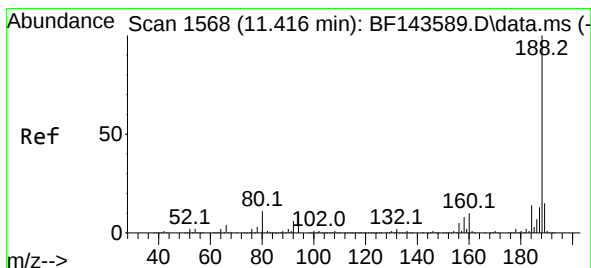
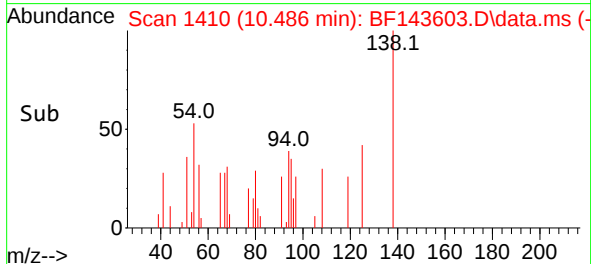
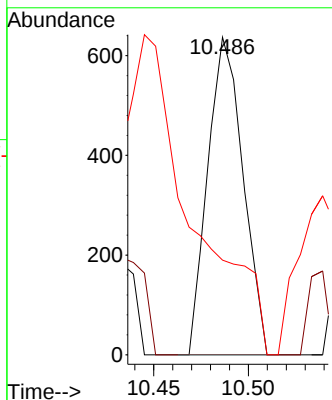


#62
4-Nitroaniline
Concen: 3.664 ng
RT: 10.486 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

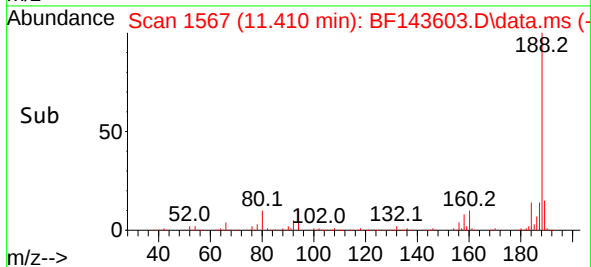
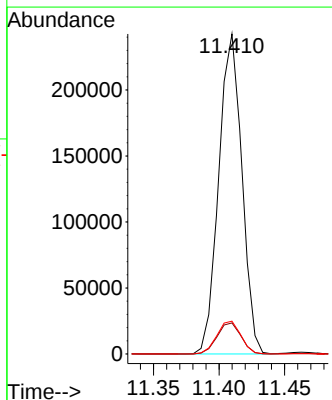
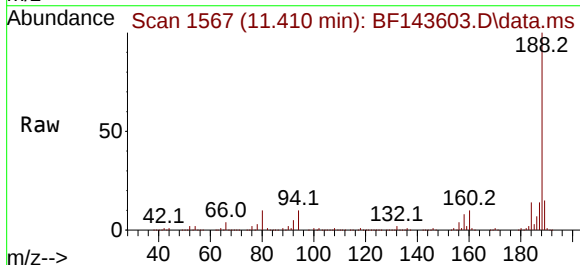


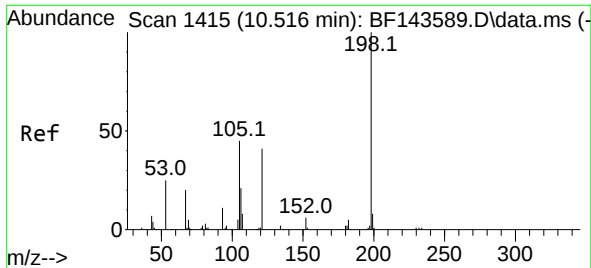
Tgt Ion:138 Resp: 824
Ion Ratio Lower Upper
138 100
92 0.0 31.3 71.3#
108 29.8 51.6 91.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Tgt Ion:188 Resp: 297699
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.4
80 10.2 8.9 13.3

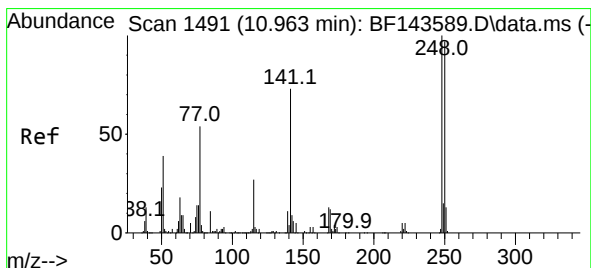
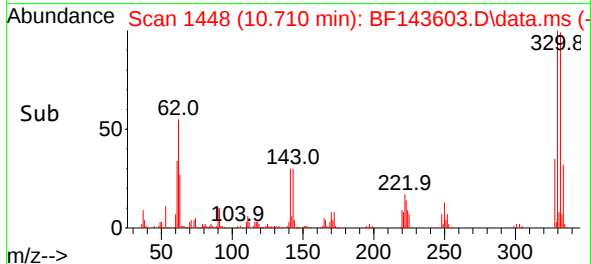
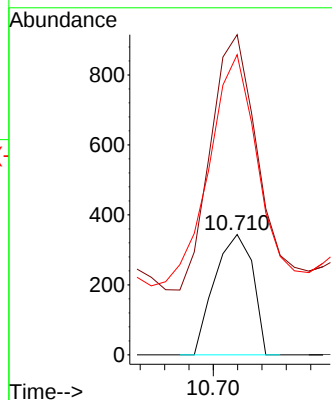
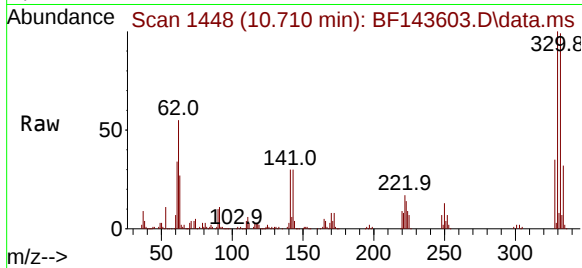




#65
4,6-Dinitro-2-methylphenol
Concen: 8.091 ng
RT: 10.710 min Scan# 1415
Delta R.T. 0.194 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

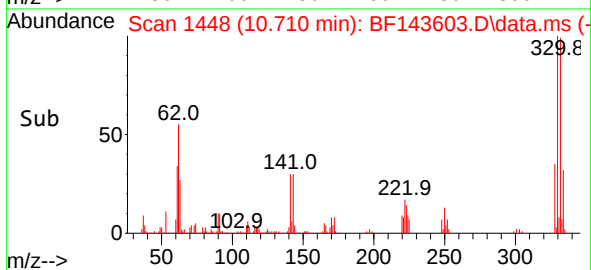
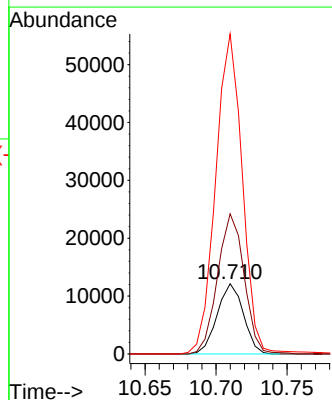
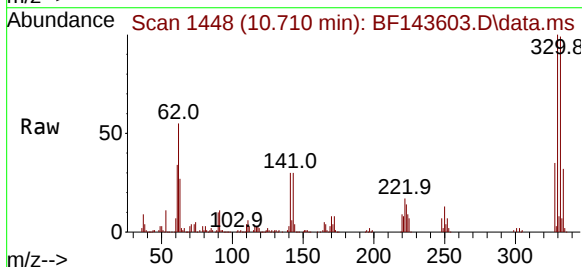
Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

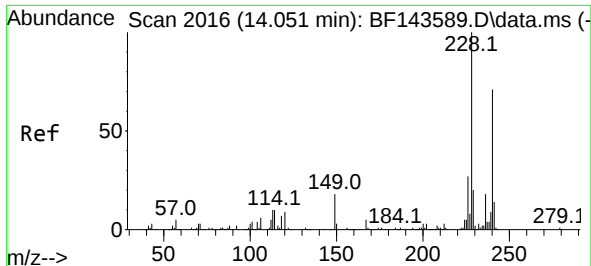
Tgt Ion:198 Resp: 376
Ion Ratio Lower Upper
198 100
51 266.0 41.5 81.5#
105 249.4 28.2 68.2#



#67
4-Bromophenyl-phenylether
Concen: 4.846 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.253 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Tgt Ion:248 Resp: 15604
Ion Ratio Lower Upper
248 100
250 199.5 77.8 116.6#
141 455.3 58.5 87.7#

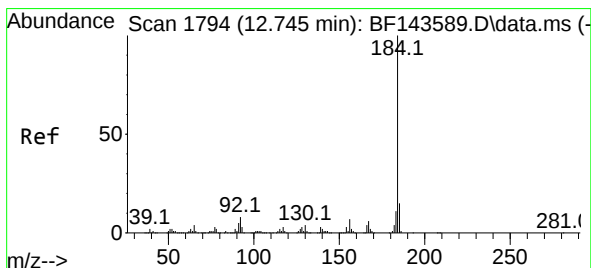
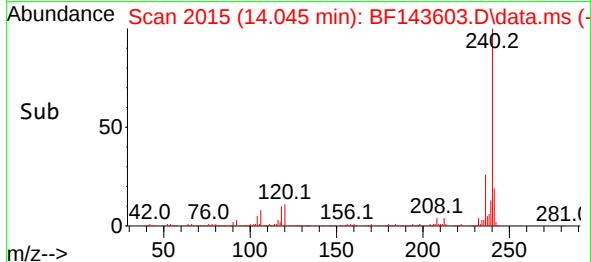
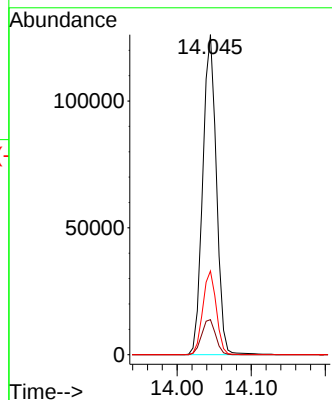
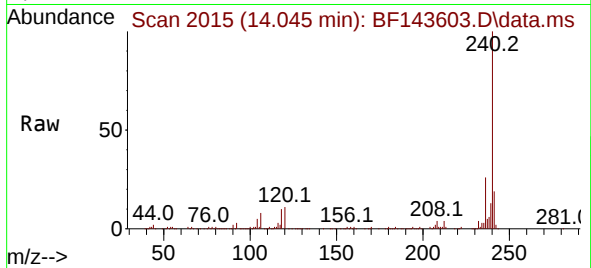




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

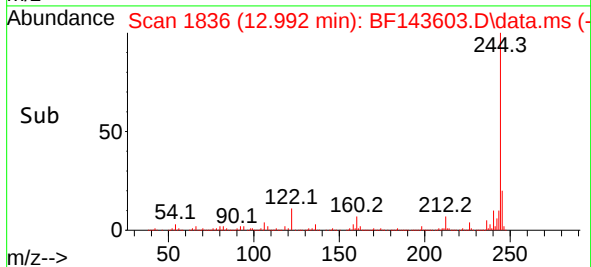
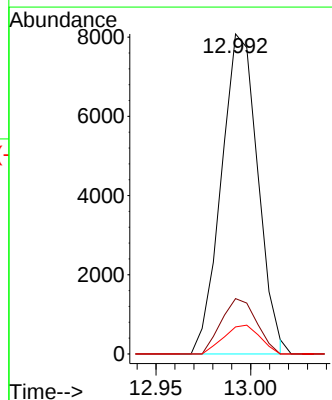
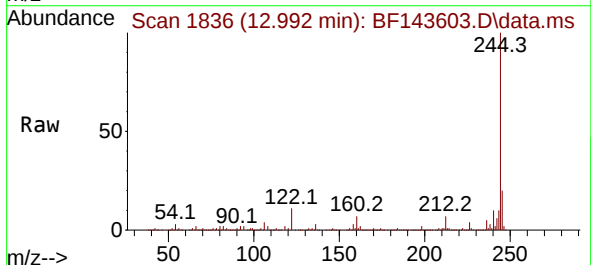
Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

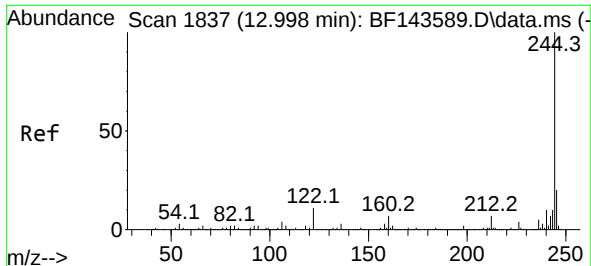
Tgt Ion:240 Resp: 161336
Ion Ratio Lower Upper
240 100
120 10.9 9.6 14.4
236 26.2 20.2 30.2



#77
Benzidine
Concen: 2.911 ng
RT: 12.992 min Scan# 1836
Delta R.T. 0.247 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Tgt Ion:184 Resp: 10813
Ion Ratio Lower Upper
184 100
185 17.3 11.8 17.6
183 8.5 9.1 13.7#

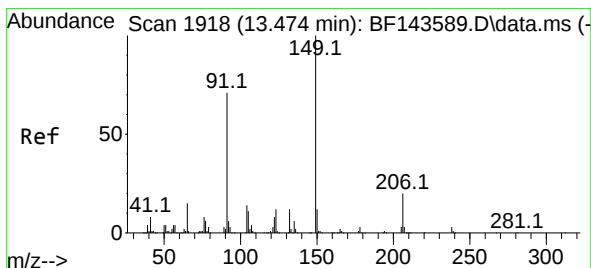
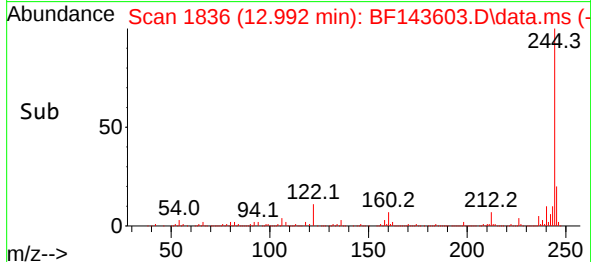
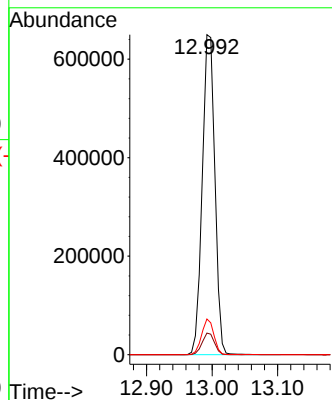
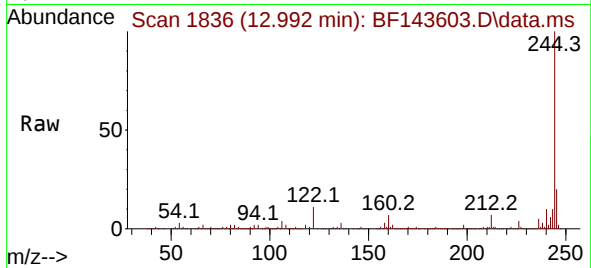




#79
 Terphenyl-d14
 Concen: 96.886 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF143603.D
 Acq: 27 Aug 2025 12:52

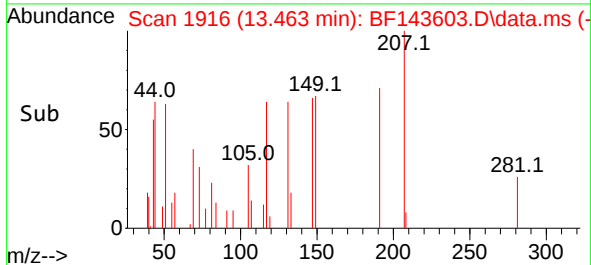
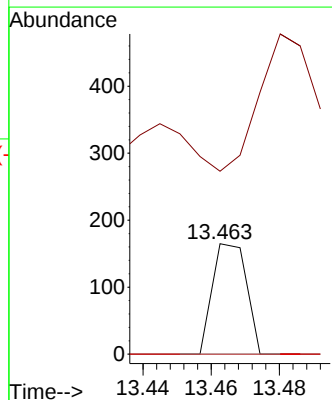
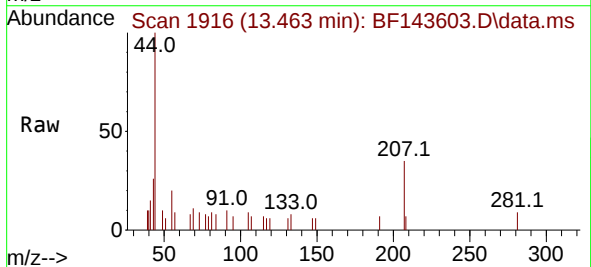
Instrument :
 BNA_F
 ClientSampleId :
 MW-18C-082025

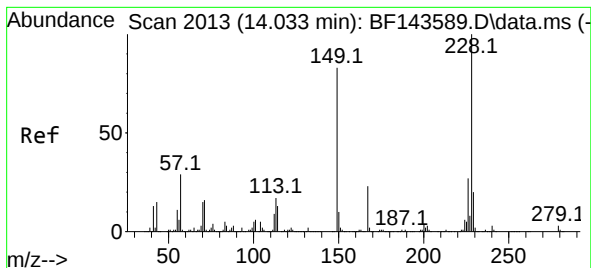
Tgt Ion:244 Resp: 871067
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.1 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 3.695 ng
 RT: 13.463 min Scan# 1916
 Delta R.T. -0.011 min
 Lab File: BF143603.D
 Acq: 27 Aug 2025 12:52

Tgt Ion:149 Resp: 114
 Ion Ratio Lower Upper
 149 100
 91 165.5 56.8 85.2#
 206 0.0 16.2 24.2#

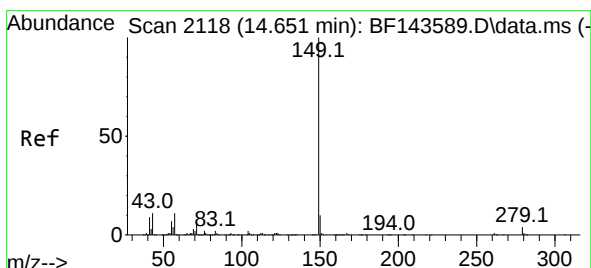
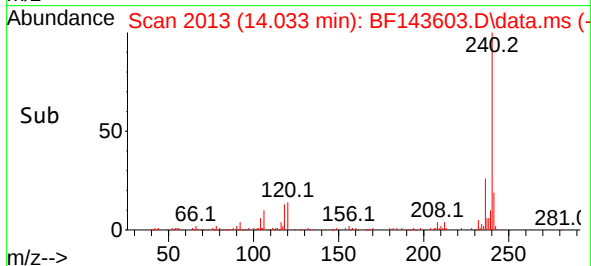
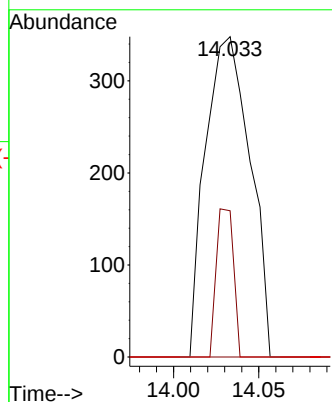
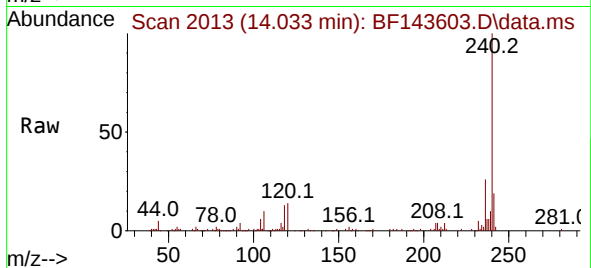




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.358 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

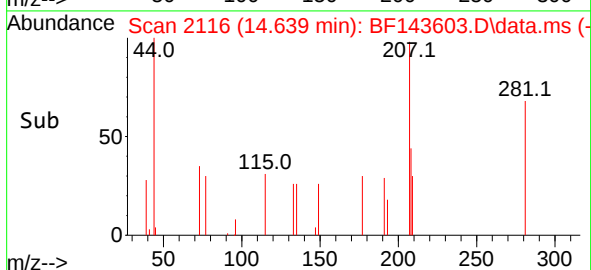
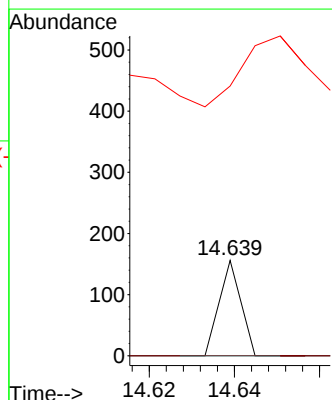
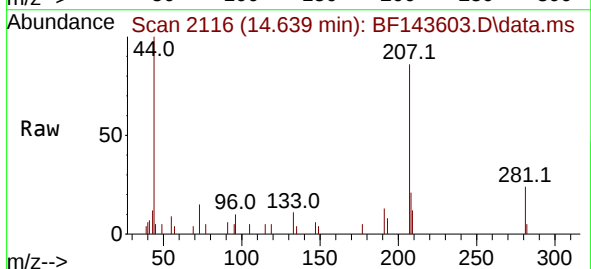
Instrument :
BNA_F
ClientSampleId :
MW-18C-082025

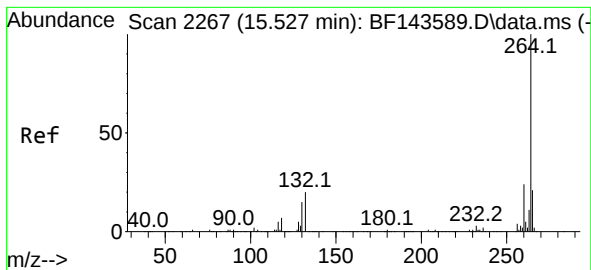
Tgt Ion:149 Resp: 634
Ion Ratio Lower Upper
149 100
167 45.7 21.8 32.8#
279 0.0 2.9 4.3#



#85
Di-n-octyl phthalate
Concen: 5.872 ng
RT: 14.639 min Scan# 2116
Delta R.T. -0.012 min
Lab File: BF143603.D
Acq: 27 Aug 2025 12:52

Tgt Ion:149 Resp: 55
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 243.6 9.5 14.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143603.D

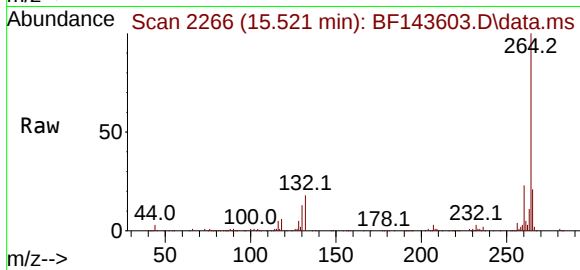
Acq: 27 Aug 2025 12:52

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:264 Resp: 218565

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 20.8 17.0 25.4

