

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
 Data File : BG064429.D
 Acq On : 23 Sep 2025 00:27
 Operator : RC/JU
 Sample : Q3153-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 23 01:55:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

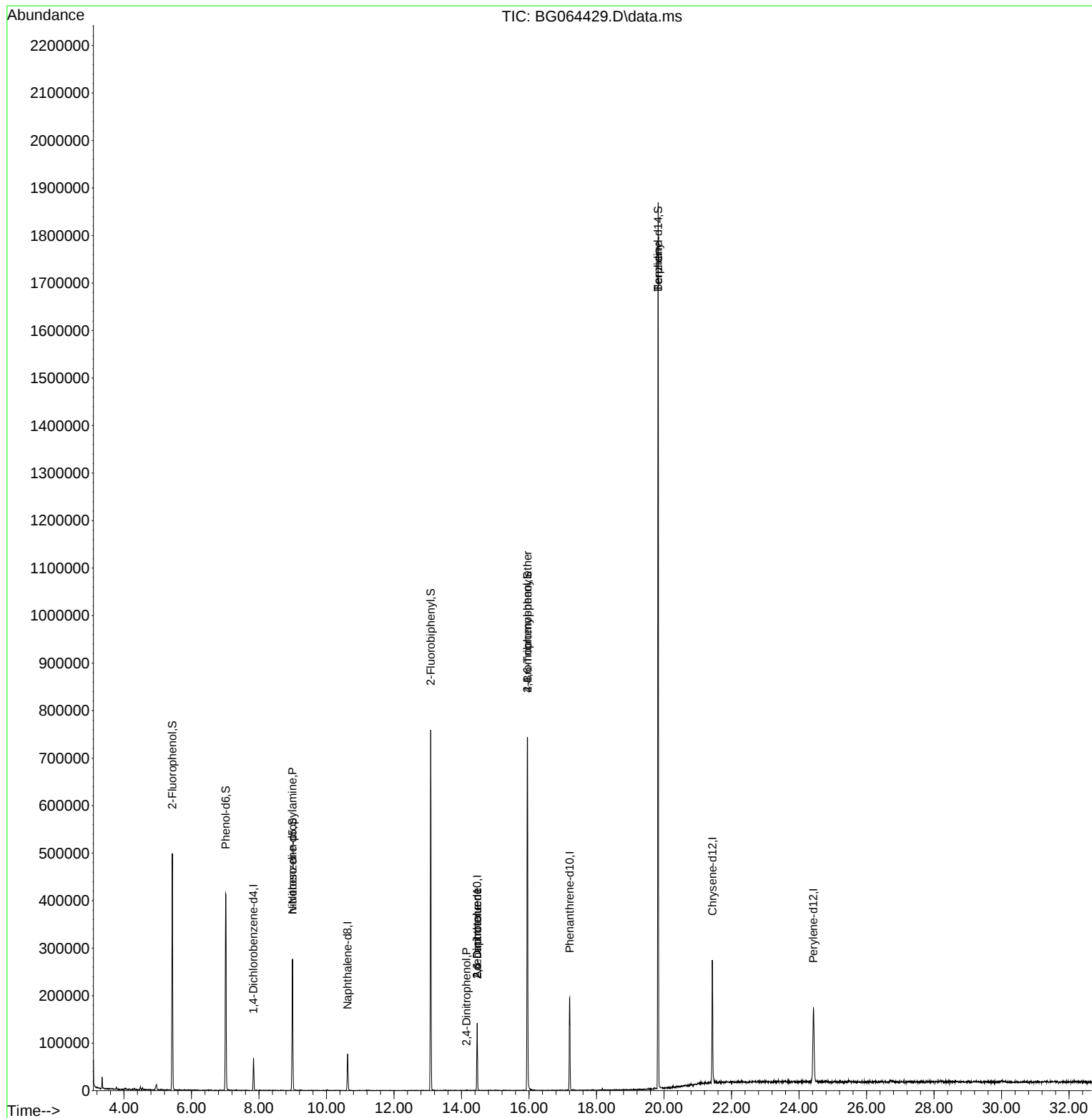
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	16001	20.000	ng	-0.02
21) Naphthalene-d8	10.625	136	61790	20.000	ng	#-0.02
39) Acenaphthene-d10	14.462	164	45541	20.000	ng	-0.02
64) Phenanthrene-d10	17.206	188	121625	20.000	ng	#-0.02
76) Chrysene-d12	21.430	240	150634	20.000	ng	#-0.02
86) Perylene-d12	24.427	264	161714	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.431	112	172940	193.907	ng	-0.01
7) Phenol-d6	7.012	99	190719	155.654	ng	-0.02
23) Nitrobenzene-d5	8.992	82	139805	126.185	ng	-0.02
42) 2,4,6-Tribromophenol	15.954	330	149572	247.960	ng	-0.02
45) 2-Fluorobiphenyl	13.087	172	352731	118.221	ng	-0.02
79) Terphenyl-d14	19.826	244	862686	119.486	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.992	70	20408	21.763	ng	# 75
51) 2,6-Dinitrotoluene	14.462	165	6328	9.483	ng	# 17
54) 2,4-Dinitrophenol	14.145	184	66	5.792	ng	# 12
57) 2,4-Dinitrotoluene	14.462	165	6328	6.271	ng	# 19
67) 4-Bromophenyl-phenylether	15.954	248	9911	7.672	ng	# 1
77) Benzidine	19.826	184	17322	5.466	ng	# 85

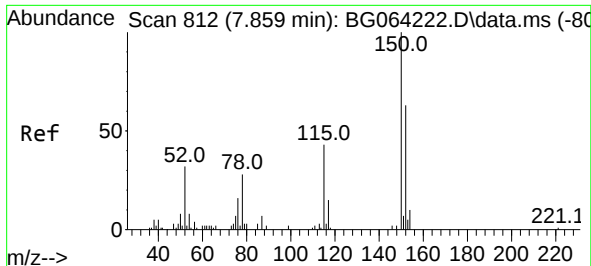
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064429.D
Acq On : 23 Sep 2025 00:27
Operator : RC/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

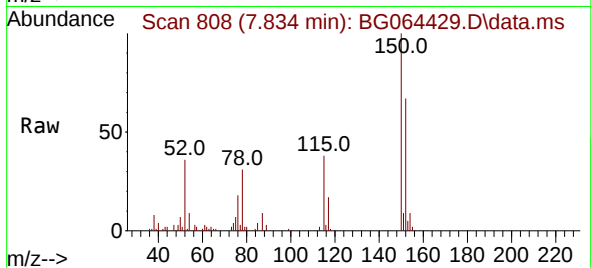
Quant Time: Sep 23 01:55:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



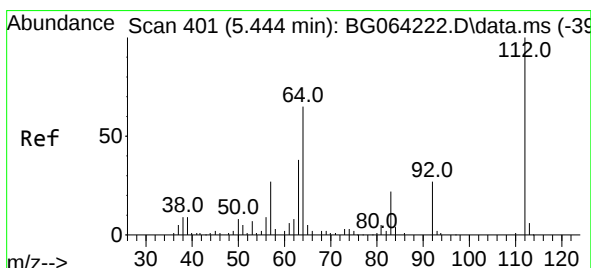
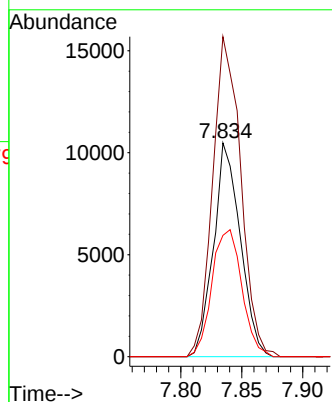
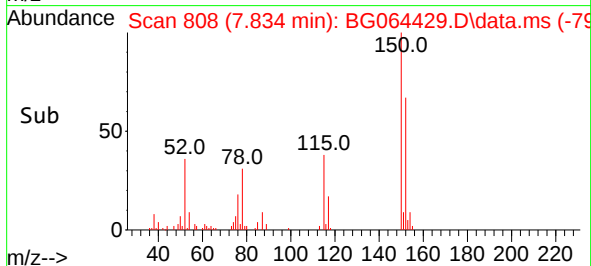


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 80
Delta R.T. -0.025 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27

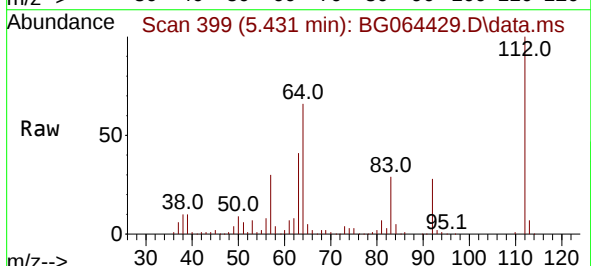
Instrument :
BNA_G
ClientSampleId :



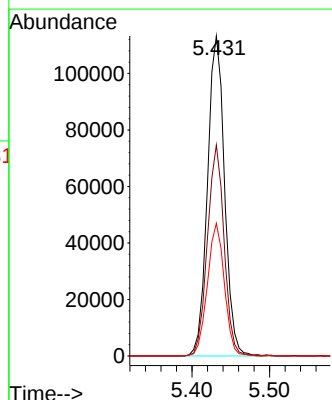
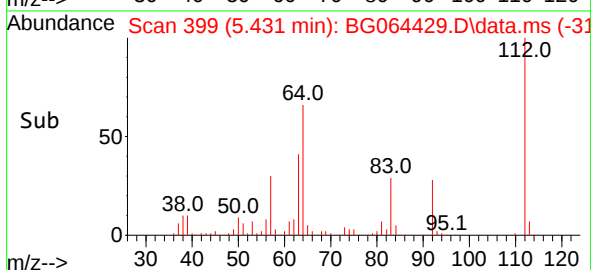
Tgt Ion:152 Resp: 16001
Ion Ratio Lower Upper
152 100
150 149.7 128.0 192.0
115 56.7 55.7 83.5

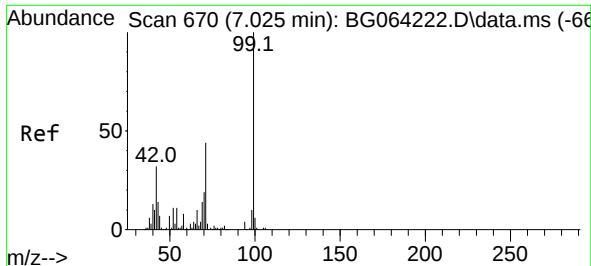


#5
2-Fluorophenol
Concen: 193.907 ng
RT: 5.431 min Scan# 399
Delta R.T. -0.013 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27



Tgt Ion:112 Resp: 172940
Ion Ratio Lower Upper
112 100
64 65.9 51.8 77.6
63 41.5 30.6 45.8

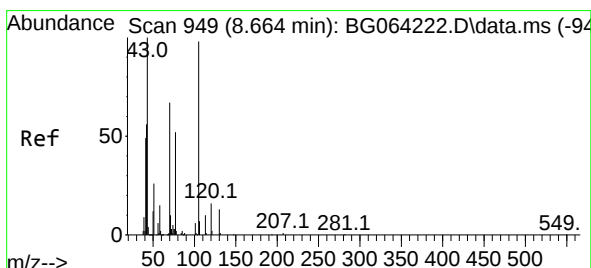
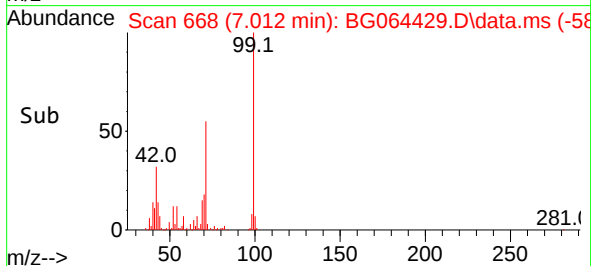
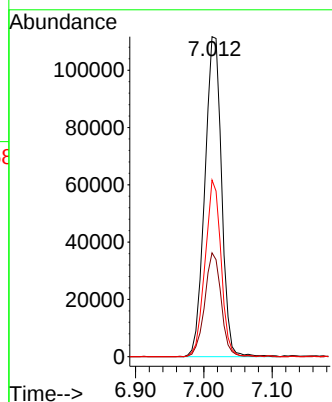
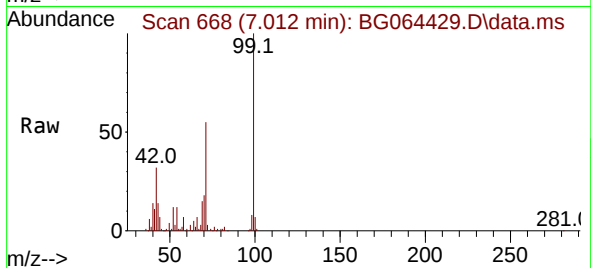




#7
Phenol-d6
Concen: 155.654 ng
RT: 7.012 min Scan# 60
Delta R.T. -0.019 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27

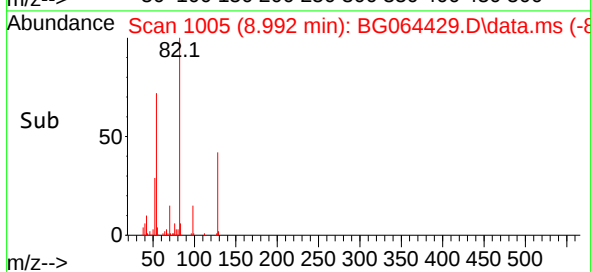
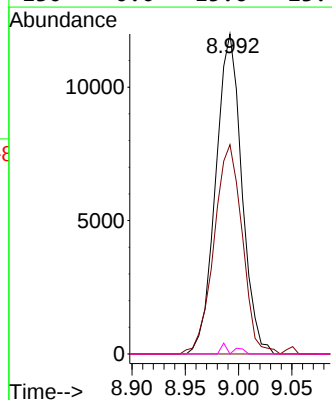
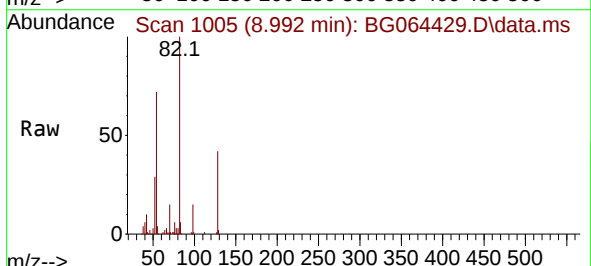
Instrument :
BNA_G
ClientSampleId :

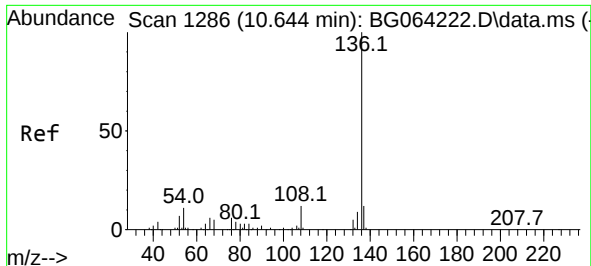
Tgt Ion: 99 Resp: 190719
Ion Ratio Lower Upper
99 100
42 32.5 25.8 38.8
71 55.2 35.2 52.8#



#19
n-Nitroso-di-n-propylamine
Concen: 21.763 ng
RT: 8.992 min Scan# 1005
Delta R.T. 0.328 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27

Tgt Ion: 70 Resp: 20408
Ion Ratio Lower Upper
70 100
42 65.4 67.9 101.9#
101 0.0 7.3 10.9#
130 0.0 15.6 23.4#

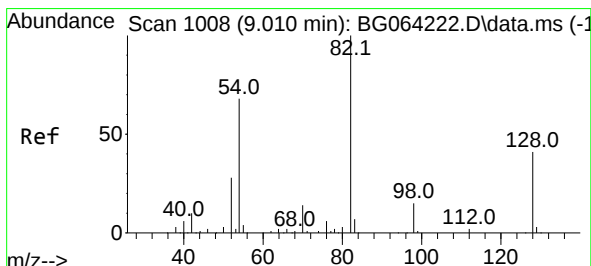
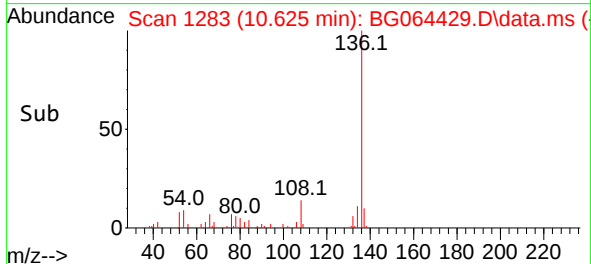
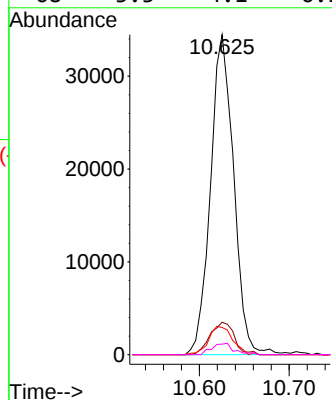
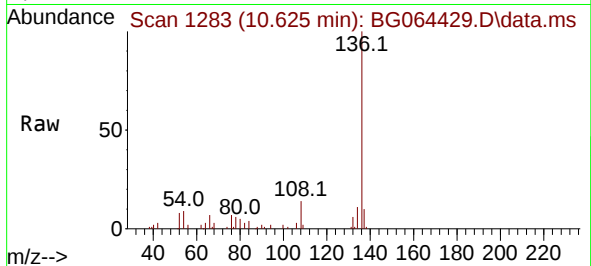




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.625 min Scan# 11
Delta R.T. -0.025 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27

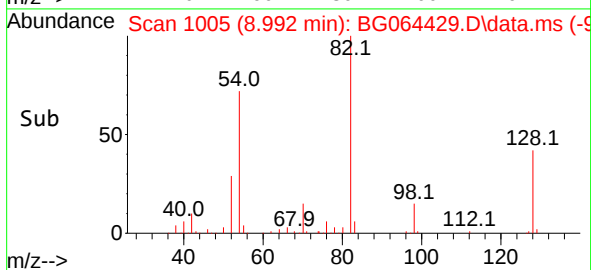
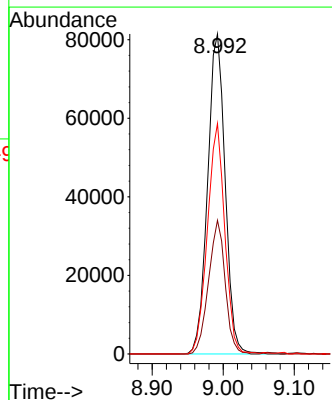
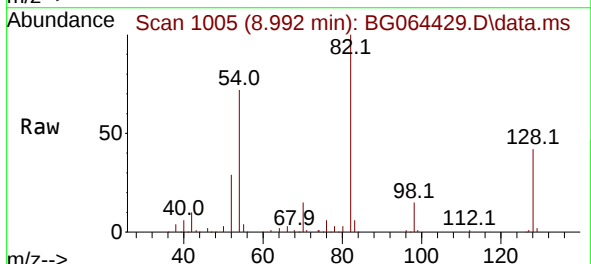
Instrument :
BNA_G
ClientSampleId :

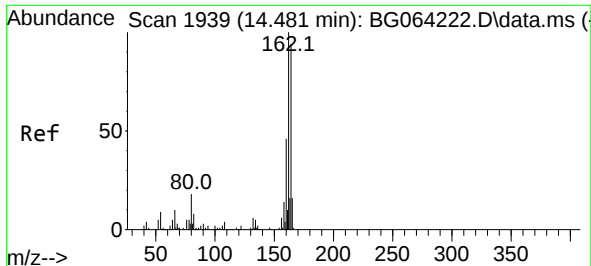
Tgt Ion:	136	Resp:	61790
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.6	14.4
54	8.5	8.8	13.2#
68	3.3	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 126.185 ng
RT: 8.992 min Scan# 1005
Delta R.T. -0.025 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27

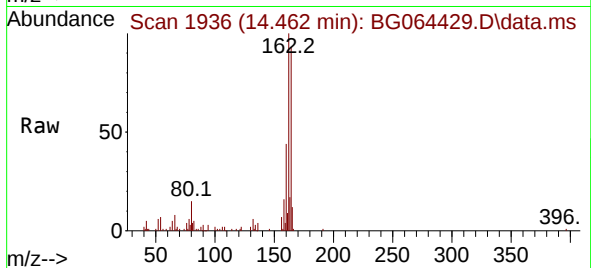
Tgt Ion:	82	Resp:	139805
Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.6	48.8
54	72.0	54.7	82.1



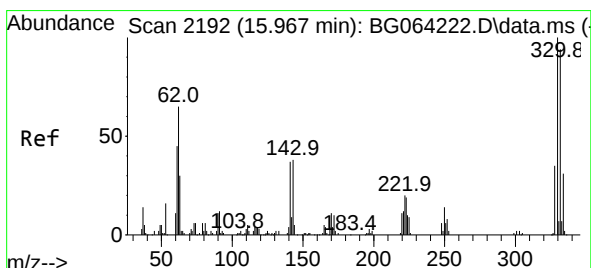
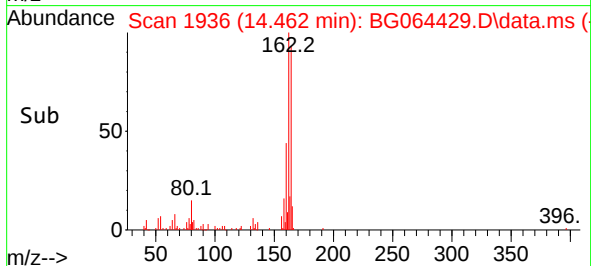
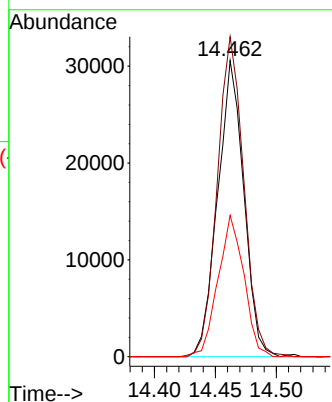


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.019 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27

Instrument :
BNA_G
ClientSampleId :

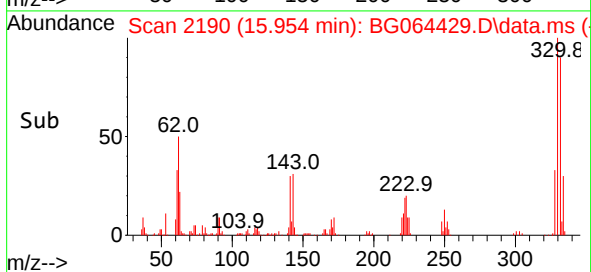
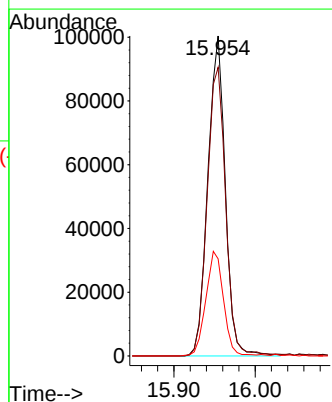
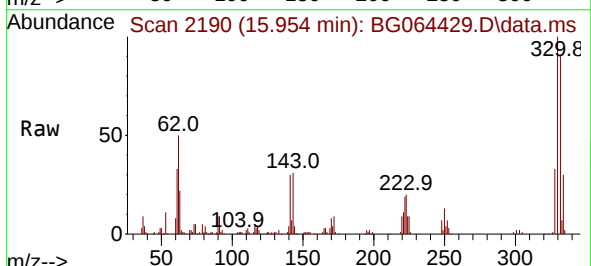


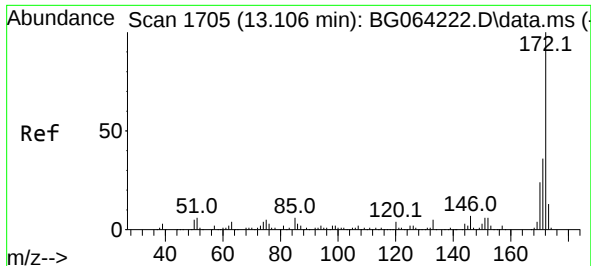
Tgt Ion:164 Resp: 45541
Ion Ratio Lower Upper
164 100
162 108.1 85.4 128.0
160 47.7 39.2 58.8



#42
2,4,6-Tribromophenol
Concen: 247.960 ng
RT: 15.954 min Scan# 2190
Delta R.T. -0.019 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27

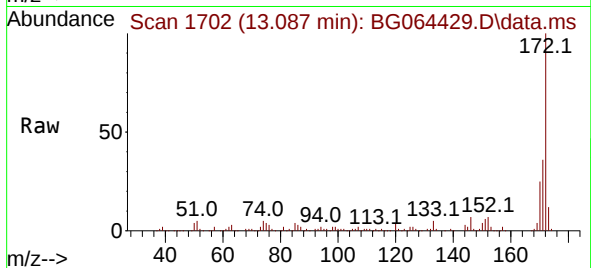
Tgt Ion:330 Resp: 149572
Ion Ratio Lower Upper
330 100
332 95.6 77.6 116.4
141 33.3 29.8 44.6



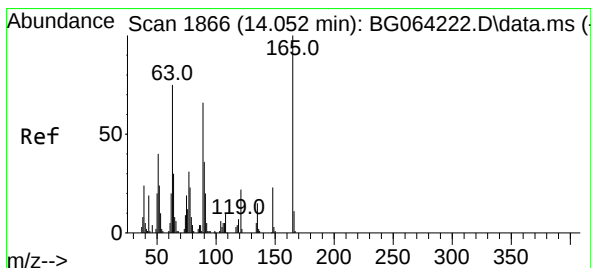
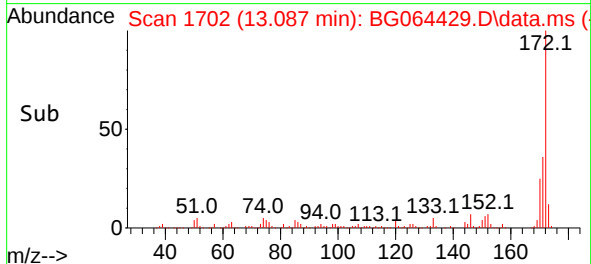
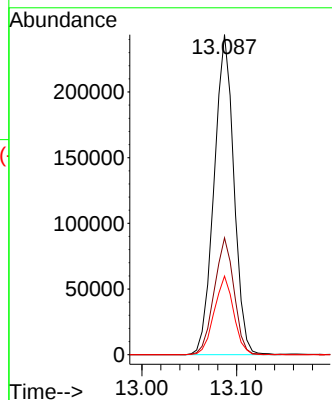


#45
2-Fluorobiphenyl
Concen: 118.221 ng
RT: 13.087 min Scan# 1
Delta R.T. -0.025 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27

Instrument :
BNA_G
ClientSampleId :

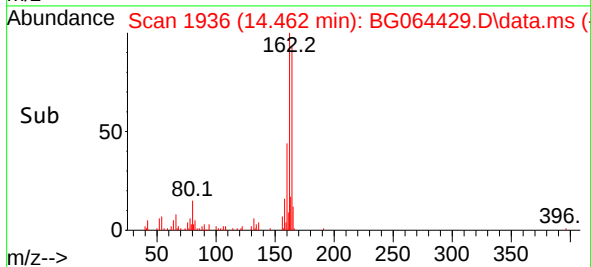
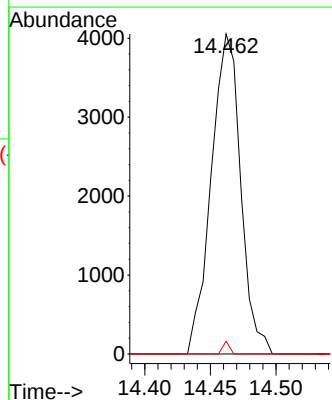
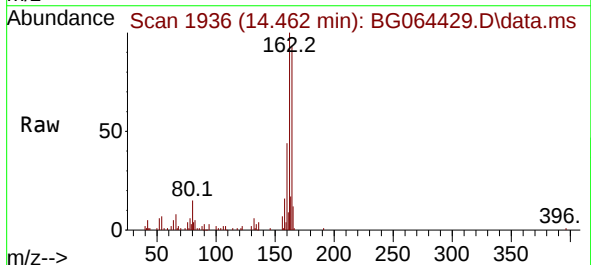


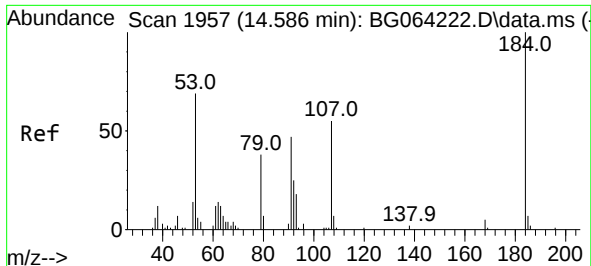
Tgt Ion:172 Resp: 352731
Ion Ratio Lower Upper
172 100
171 36.5 28.7 43.1
170 24.5 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 9.483 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.404 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27

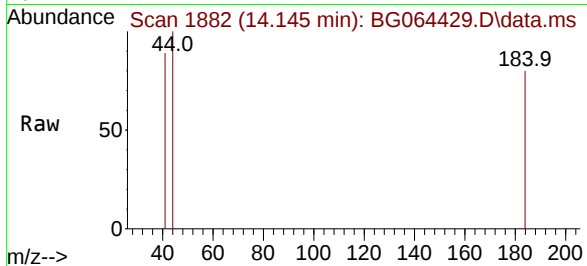
Tgt Ion:165 Resp: 6328
Ion Ratio Lower Upper
165 100
63 0.0 60.3 90.5#
89 4.0 52.9 79.3#



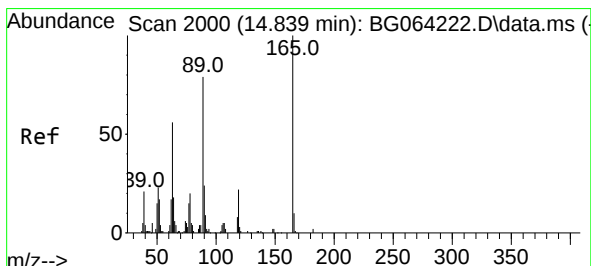
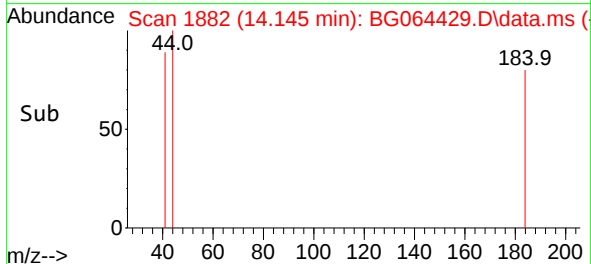
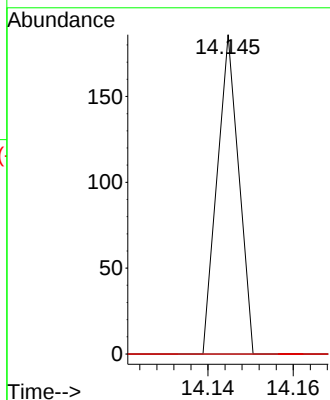


#54
2,4-Dinitrophenol
Concen: 5.792 ng
RT: 14.145 min Scan# 1936
Delta R.T. -0.447 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27

Instrument :
BNA_G
ClientSampleId :

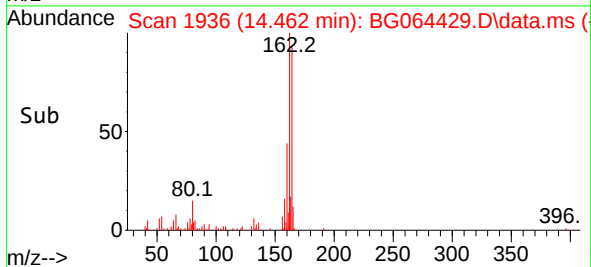
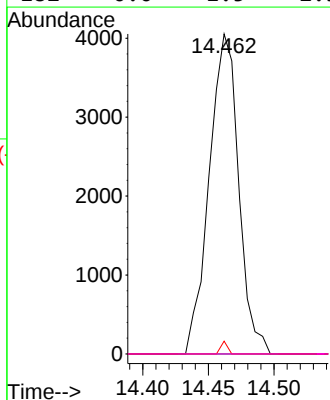
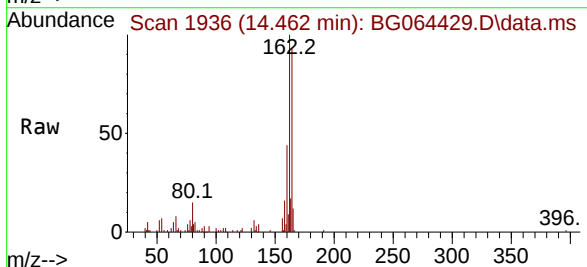


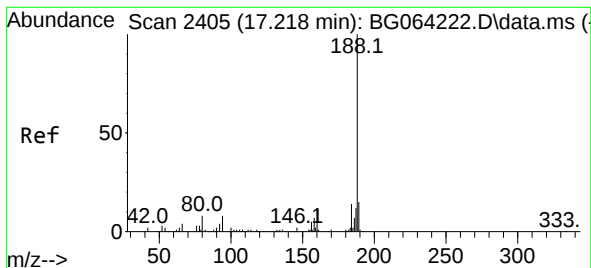
Tgt Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 0.0 60.1 90.1#
154 0.0 59.8 89.8#



#57
2,4-Dinitrotoluene
Concen: 6.271 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.383 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27

Tgt Ion:165 Resp: 6328
Ion Ratio Lower Upper
165 100
63 0.0 44.6 67.0#
89 4.0 63.0 94.4#
182 0.0 1.5 2.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.206 min Scan# 24

Delta R.T. -0.019 min

Lab File: BG064429.D

Acq: 23 Sep 2025 00:27

Instrument :

BNA_G

ClientSampleId :

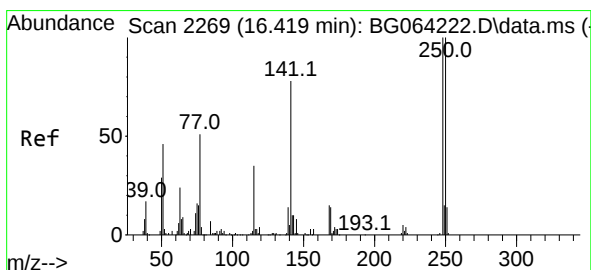
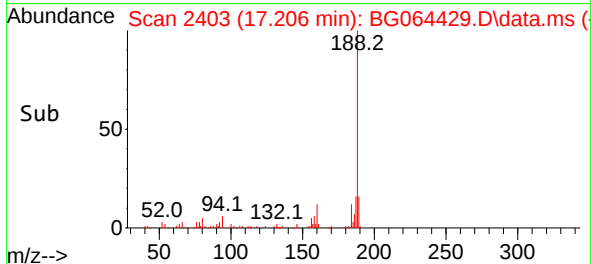
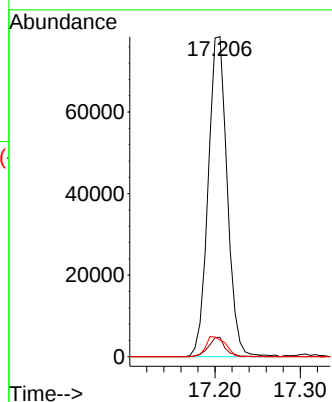
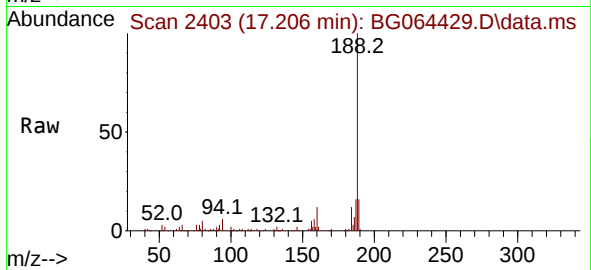
Tgt Ion:188 Resp: 121625

Ion Ratio Lower Upper

188 100

94 6.0 6.2 9.4#

80 5.2 6.8 10.2#



#67

4-Bromophenyl-phenylether

Concen: 7.672 ng

RT: 15.954 min Scan# 2190

Delta R.T. -0.465 min

Lab File: BG064429.D

Acq: 23 Sep 2025 00:27

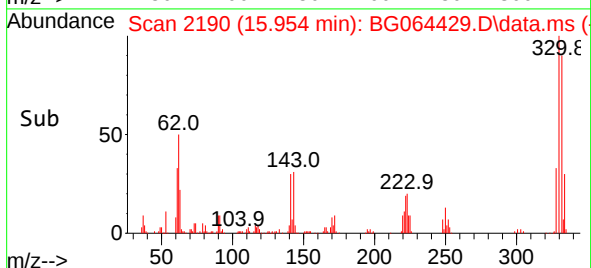
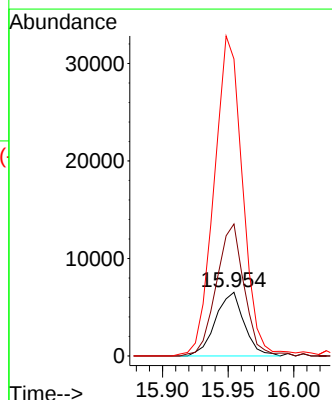
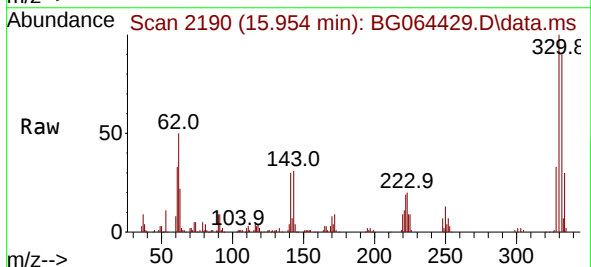
Tgt Ion:248 Resp: 9911

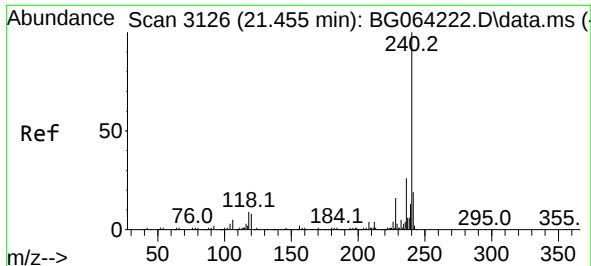
Ion Ratio Lower Upper

248 100

250 207.1 80.2 120.4#

141 466.0 62.4 93.6#

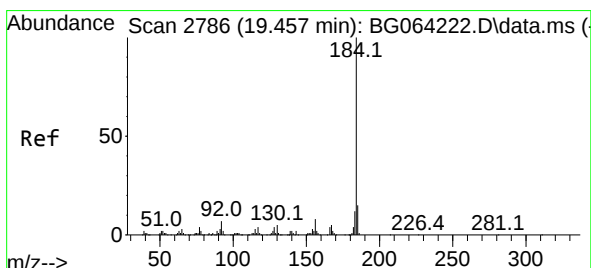
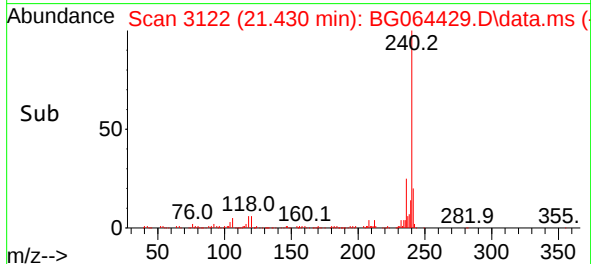
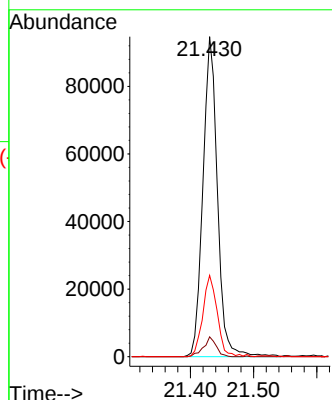
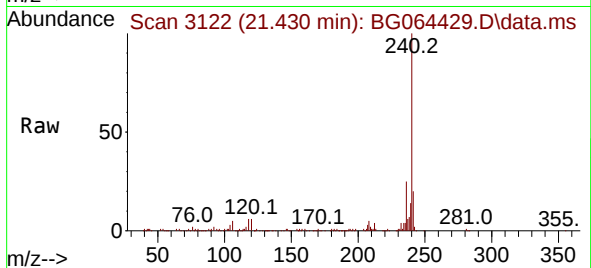




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.430 min Scan# 31
Delta R.T. -0.025 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27

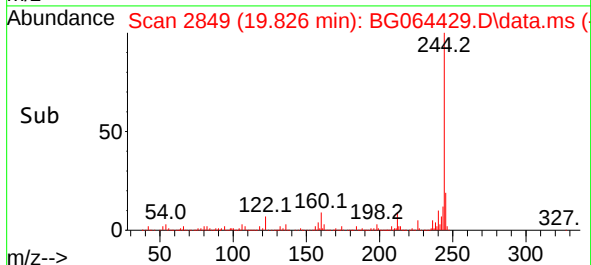
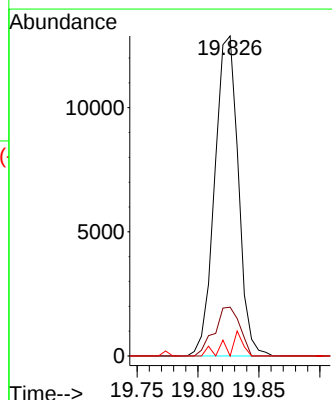
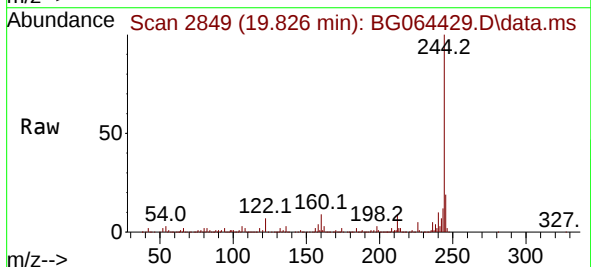
Instrument :
BNA_G
ClientSampleId :

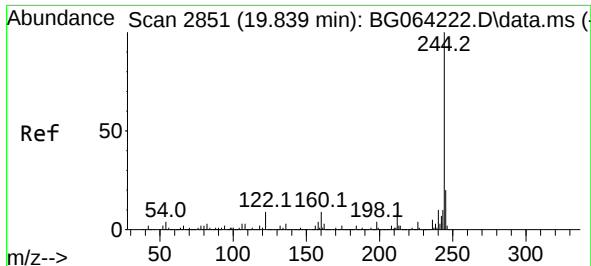
Tgt Ion:240 Resp: 150634
Ion Ratio Lower Upper
240 100
120 6.2 6.2 9.4#
236 25.4 20.5 30.7



#77
Benzidine
Concen: 5.466 ng
RT: 19.826 min Scan# 2849
Delta R.T. 0.369 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27

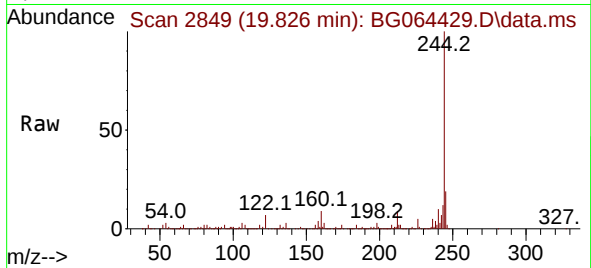
Tgt Ion:184 Resp: 17322
Ion Ratio Lower Upper
184 100
185 15.3 11.7 17.5
183 0.0 9.7 14.5#



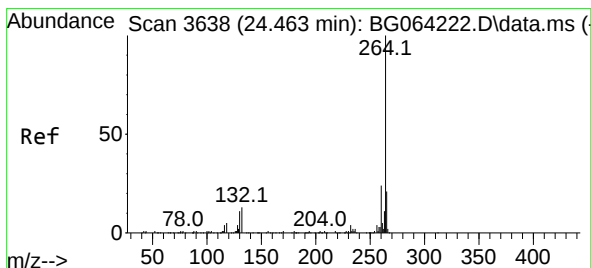
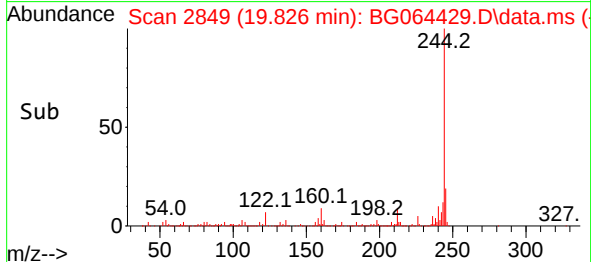
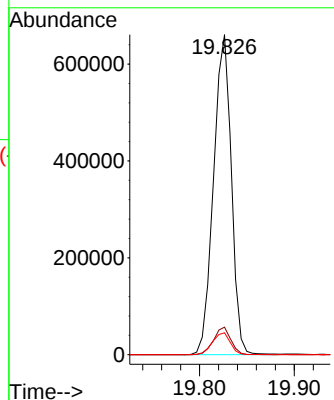


#79
 Terphenyl-d14
 Concen: 119.486 ng
 RT: 19.826 min Scan# 2849
 Delta R.T. -0.019 min
 Lab File: BG064429.D
 Acq: 23 Sep 2025 00:27

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 862686
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 10.0
 122 6.8 7.0 10.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.427 min Scan# 3632
 Delta R.T. -0.036 min
 Lab File: BG064429.D
 Acq: 23 Sep 2025 00:27

Tgt Ion:264 Resp: 161714
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.9 28.3
 265 21.1 16.7 25.1

