

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
 Data File : BG064935.D
 Acq On : 11 Dec 2025 15:33
 Operator : RC/JU
 Sample : PB170874TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 11 16:31:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

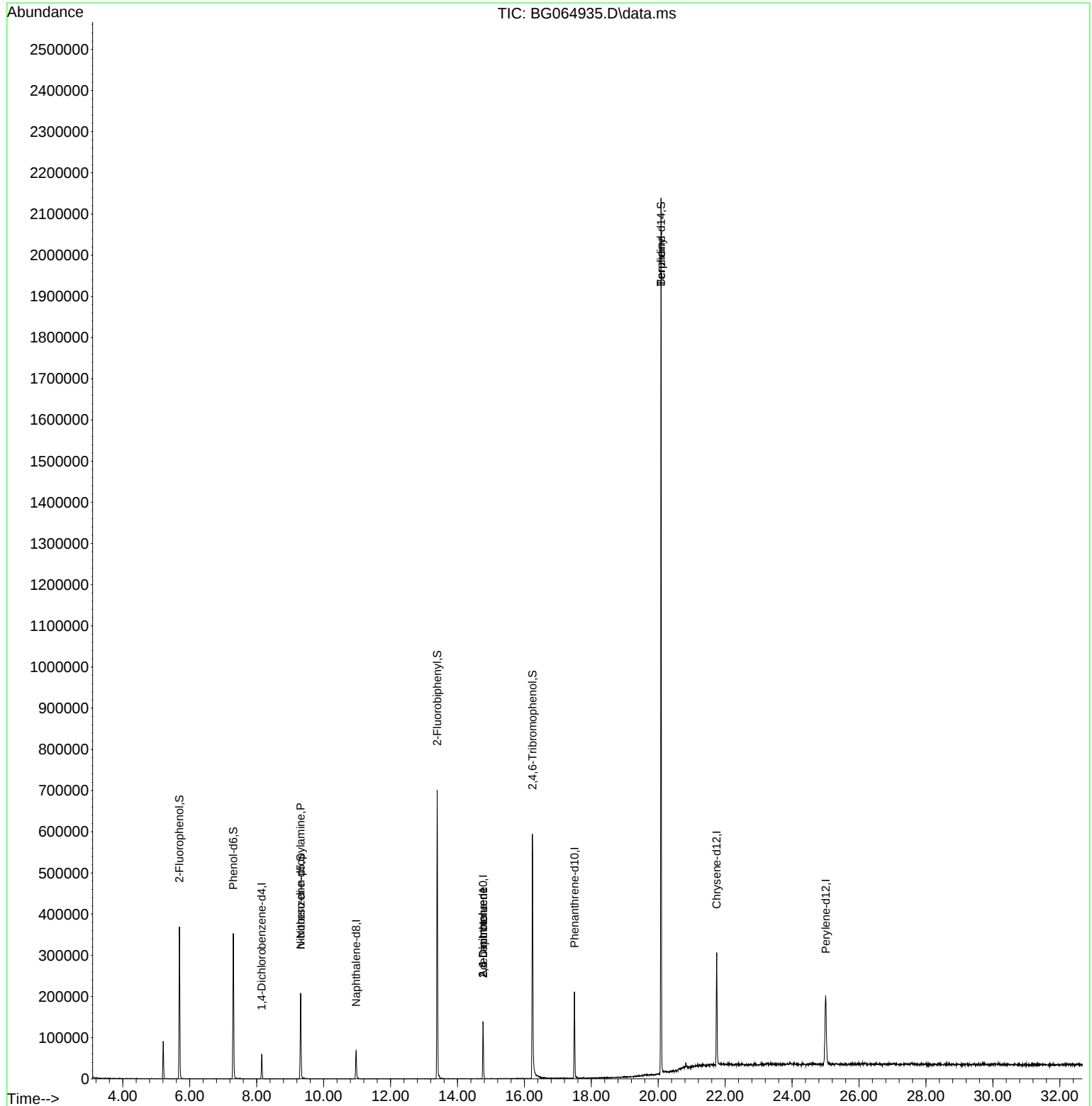
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	17348	20.000	ng	-0.02
21) Naphthalene-d8	10.970	136	65024	20.000	ng	#-0.02
39) Acenaphthene-d10	14.766	164	56650	20.000	ng	-0.01
64) Phenanthrene-d10	17.498	188	149344	20.000	ng	# 0.00
76) Chrysene-d12	21.746	240	196781	20.000	ng	#-0.01
86) Perylene-d12	25.007	264	223958	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.694	112	145100	146.055	ng	0.00
7) Phenol-d6	7.304	99	181931	137.686	ng	0.00
23) Nitrobenzene-d5	9.313	82	120233	91.423	ng	-0.02
42) 2,4,6-Tribromophenol	16.240	330	174144	157.618	ng	-0.01
45) 2-Fluorobiphenyl	13.397	172	398720	98.208	ng	-0.01
79) Terphenyl-d14	20.083	244	1149733	114.931	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.313	70	17363	19.434	ng	# 69
51) 2,6-Dinitrotoluene	14.766	165	7672	8.910	ng	# 21
57) 2,4-Dinitrotoluene	14.766	165	7673	5.944	ng	# 24
77) Benzidine	20.083	184	16194	2.748	ng	99

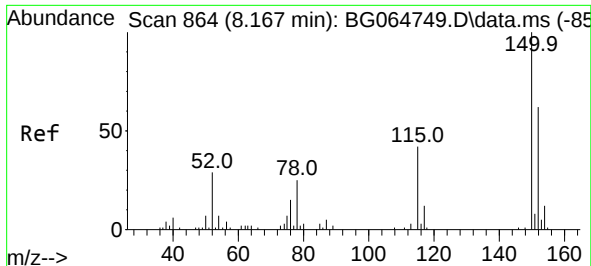
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
Data File : BG064935.D
Acq On : 11 Dec 2025 15:33
Operator : RC/JU
Sample : PB170874TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

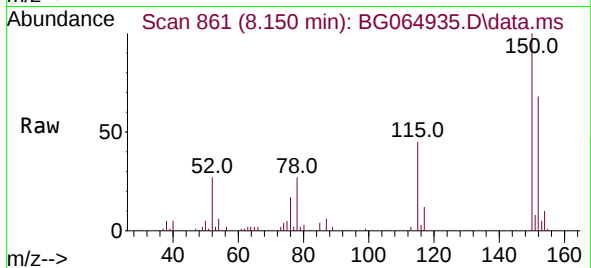
Quant Time: Dec 11 16:31:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration



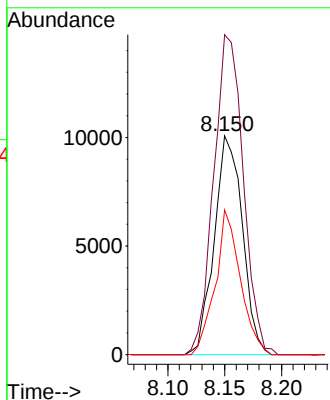
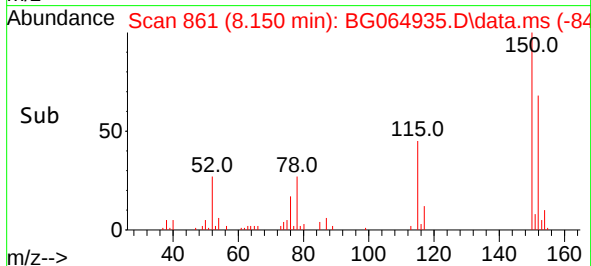


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.150 min Scan# 864
 Delta R.T. -0.017 min
 Lab File: BG064935.D
 Acq: 11 Dec 2025 15:33

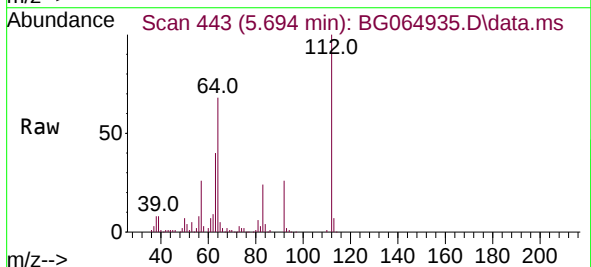
Instrument :
 BNA_G
 ClientSampleId :



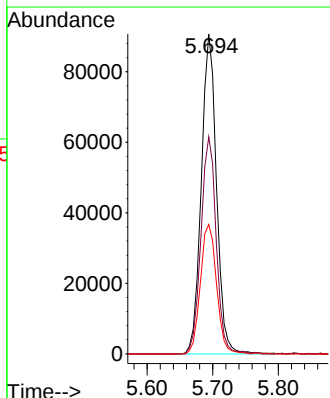
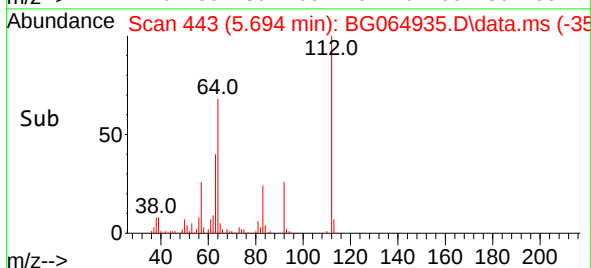
Tgt Ion:152 Resp: 17348
 Ion Ratio Lower Upper
 152 100
 150 146.2 129.2 193.8
 115 66.1 53.7 80.5

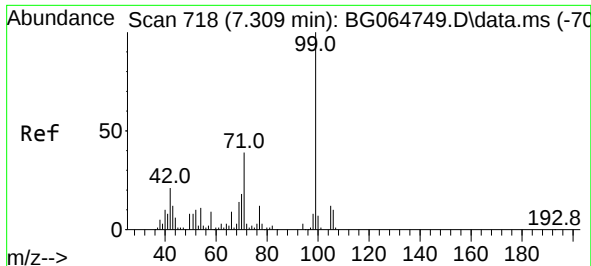


#5
 2-Fluorophenol
 Concen: 146.055 ng
 RT: 5.694 min Scan# 443
 Delta R.T. -0.006 min
 Lab File: BG064935.D
 Acq: 11 Dec 2025 15:33



Tgt Ion:112 Resp: 145100
 Ion Ratio Lower Upper
 112 100
 64 67.8 61.0 91.4
 63 40.4 33.3 49.9



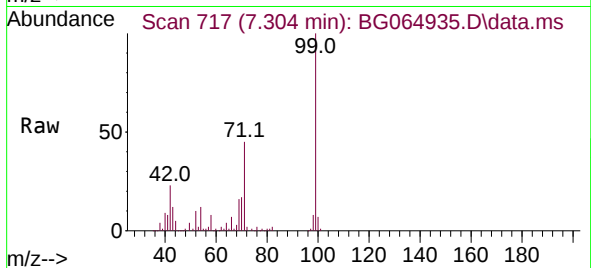


#7
Phenol-d6
Concen: 137.686 ng
RT: 7.304 min Scan# 718
Delta R.T. -0.006 min
Lab File: BG064935.D
Acq: 11 Dec 2025 15:33

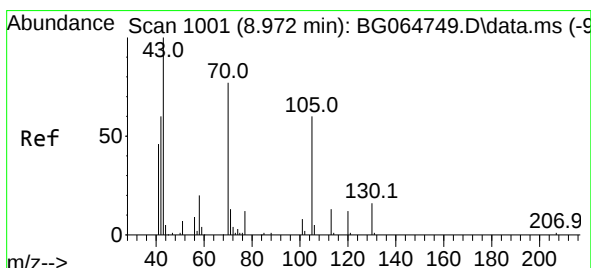
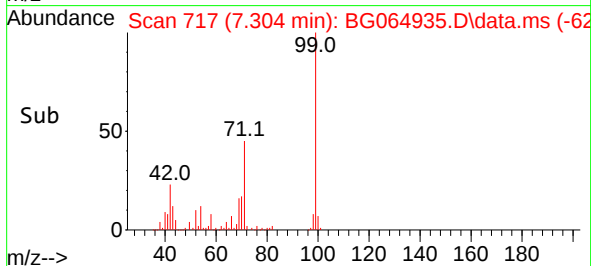
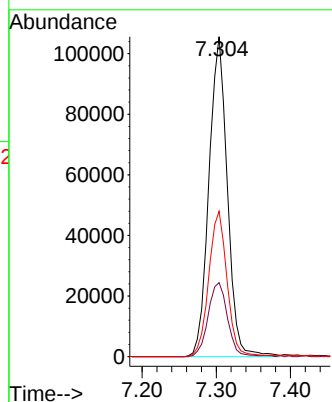
Instrument :

BNA_G

ClientSampleId :

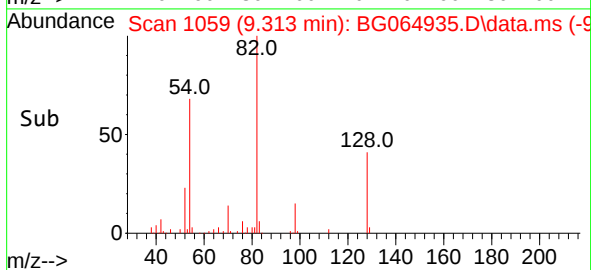
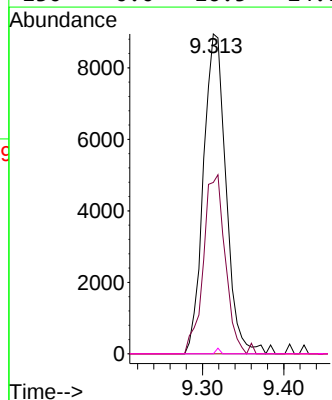
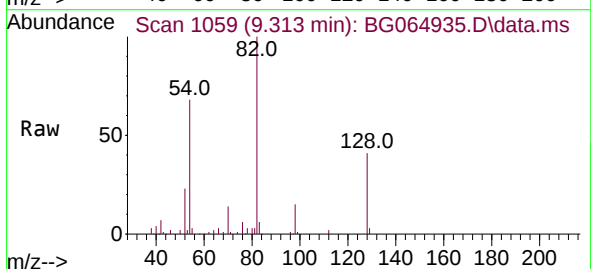


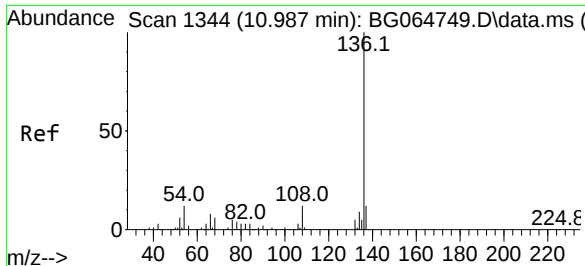
Tgt Ion:	99	Resp:	181931
Ion	Ratio	Lower	Upper
99	100		
42	23.1	16.8	25.2
71	45.4	31.1	46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.434 ng
RT: 9.313 min Scan# 1059
Delta R.T. 0.341 min
Lab File: BG064935.D
Acq: 11 Dec 2025 15:33

Tgt Ion:	70	Resp:	17363
Ion	Ratio	Lower	Upper
70	100		
42	53.6	62.6	93.8#
101	0.0	8.0	12.0#
130	0.0	16.5	24.7#

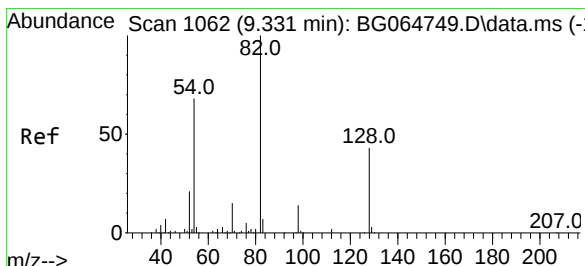
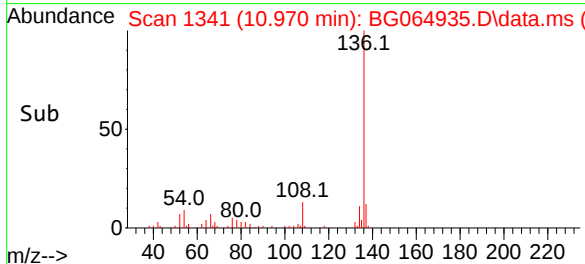
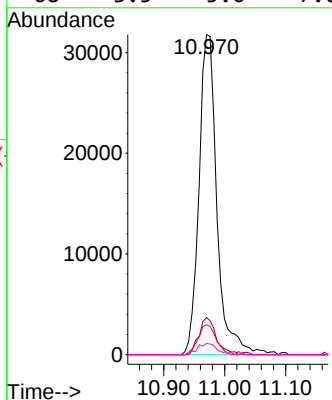
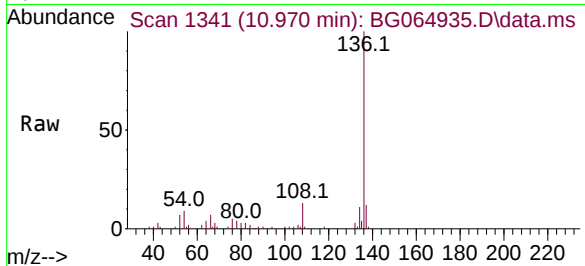




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.970 min Scan# 1344
Delta R.T. -0.017 min
Lab File: BG064935.D
Acq: 11 Dec 2025 15:33

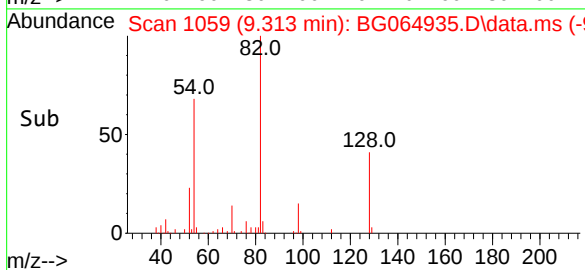
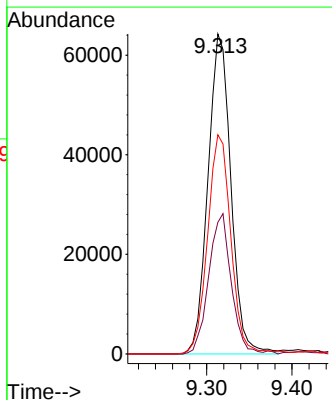
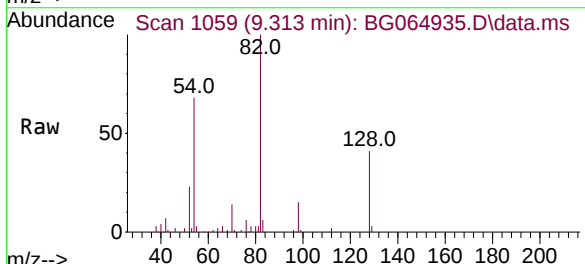
Instrument :
BNA_G
ClientSampleId :

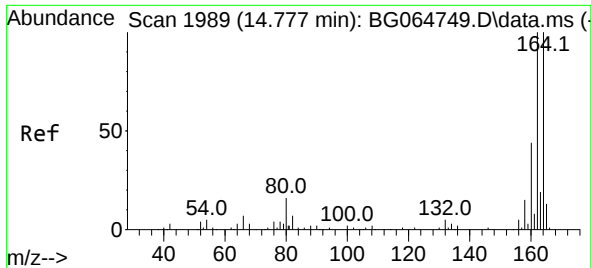
Tgt Ion:136	Resp:	65024
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.3 13.9
54	9.3	9.3 13.9
68	3.5	5.0 7.6



#23
Nitrobenzene-d5
Concen: 91.423 ng
RT: 9.313 min Scan# 1059
Delta R.T. -0.017 min
Lab File: BG064935.D
Acq: 11 Dec 2025 15:33

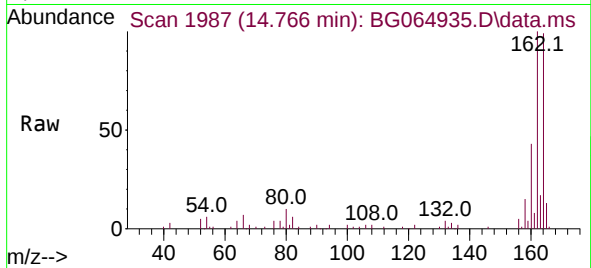
Tgt Ion: 82	Resp:	120233
Ion Ratio	Lower	Upper
82	100	
128	41.1	34.1 51.1
54	68.5	54.3 81.5



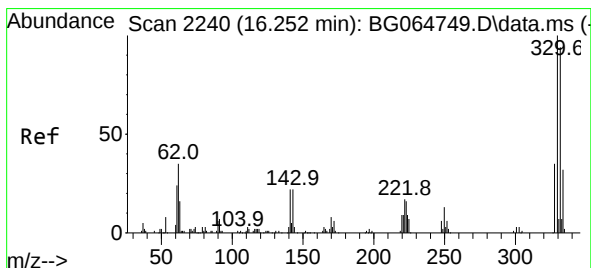
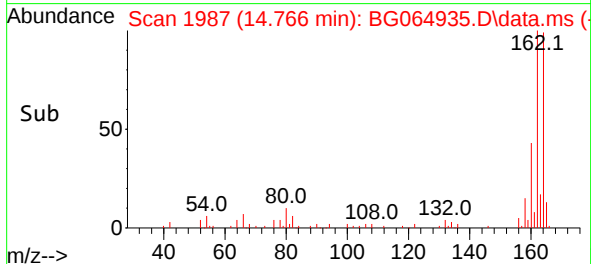
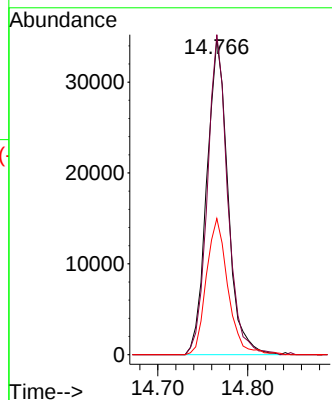


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.766 min Scan# 1989
Delta R.T. -0.012 min
Lab File: BG064935.D
Acq: 11 Dec 2025 15:33

Instrument :
BNA_G
ClientSampleId :

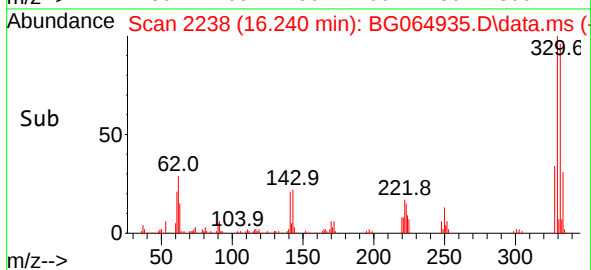
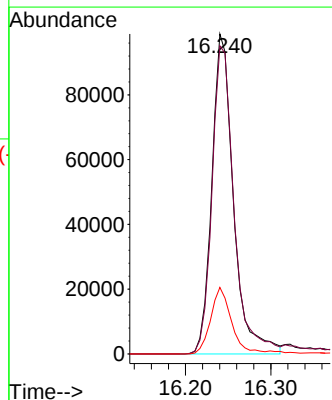
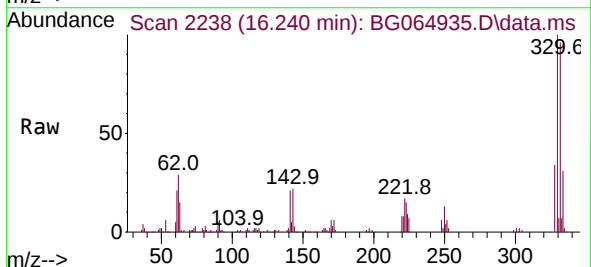


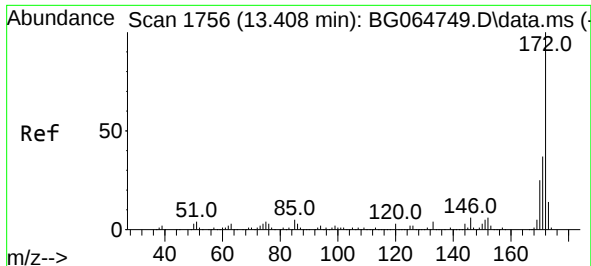
Tgt Ion:164 Resp: 56650
Ion Ratio Lower Upper
164 100
162 101.4 79.8 119.6
160 43.1 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 157.618 ng
RT: 16.240 min Scan# 2238
Delta R.T. -0.012 min
Lab File: BG064935.D
Acq: 11 Dec 2025 15:33

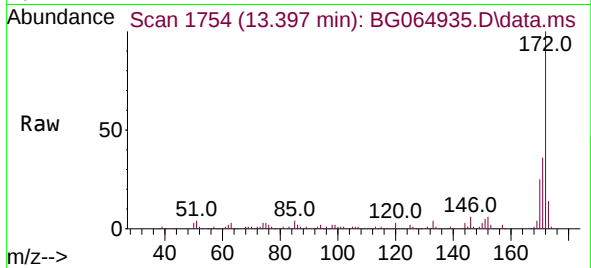
Tgt Ion:330 Resp: 174144
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.6
141 19.8 18.2 27.2



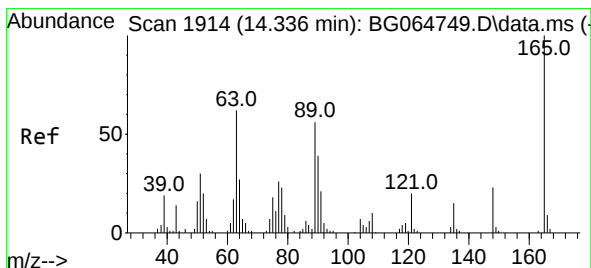
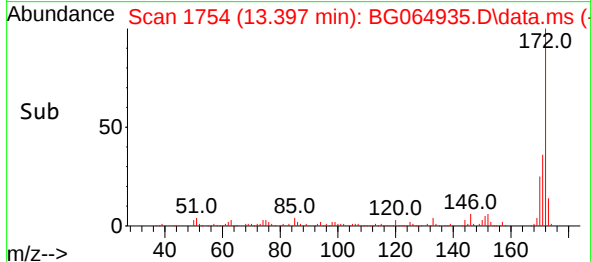
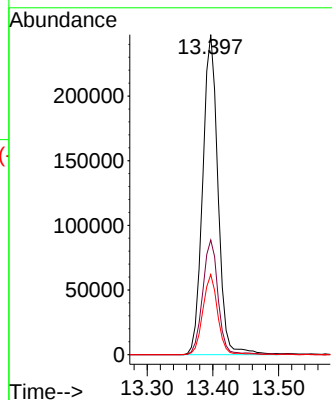


#45
 2-Fluorobiphenyl
 Concen: 98.208 ng
 RT: 13.397 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BG064935.D
 Acq: 11 Dec 2025 15:33

Instrument :
 BNA_G
 ClientSampleId :

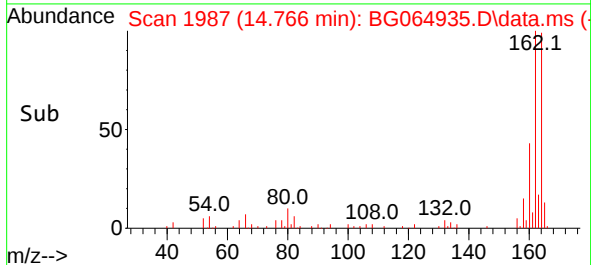
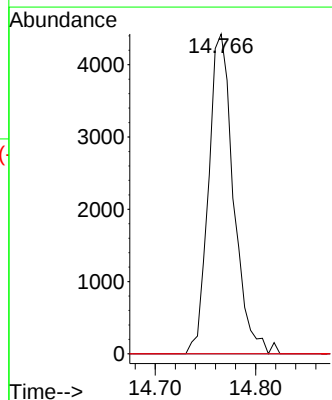
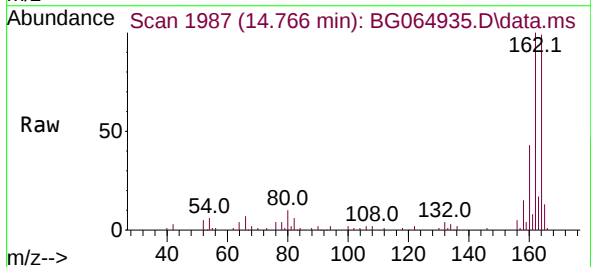


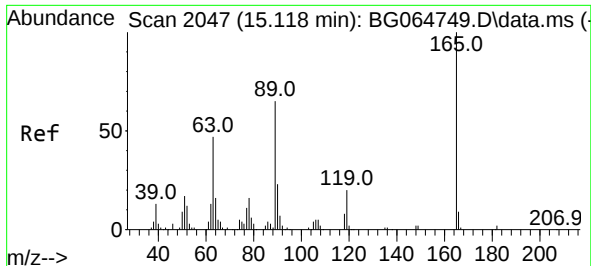
Tgt Ion:172 Resp: 398720
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.9 44.9
 170 25.0 19.8 29.6



#51
 2,6-Dinitrotoluene
 Concen: 8.910 ng
 RT: 14.766 min Scan# 1987
 Delta R.T. 0.429 min
 Lab File: BG064935.D
 Acq: 11 Dec 2025 15:33

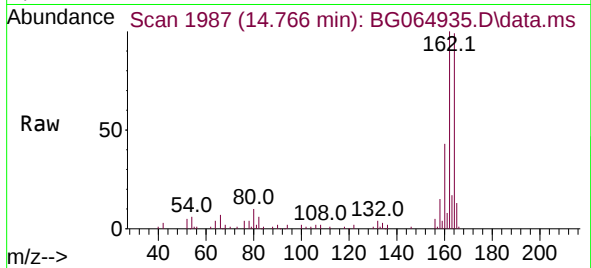
Tgt Ion:165 Resp: 7672
 Ion Ratio Lower Upper
 165 100
 63 0.0 49.8 74.8#
 89 0.0 45.0 67.4#



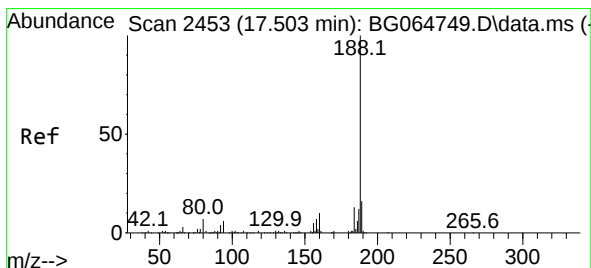
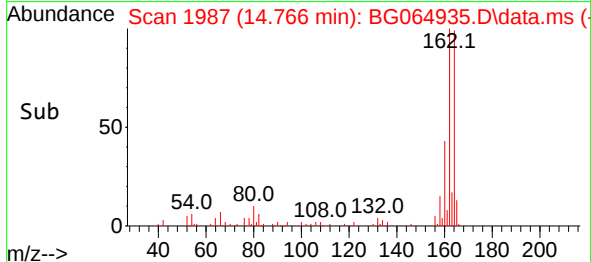
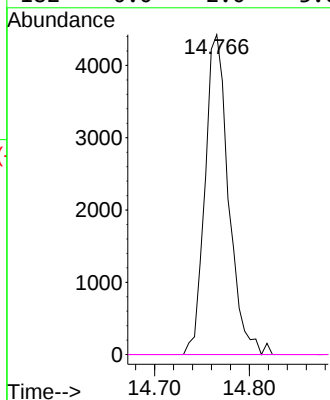


#57
2,4-Dinitrotoluene
Concen: 5.944 ng
RT: 14.766 min Scan# 1987
Delta R.T. -0.352 min
Lab File: BG064935.D
Acq: 11 Dec 2025 15:33

Instrument :
BNA_G
ClientSampleId :

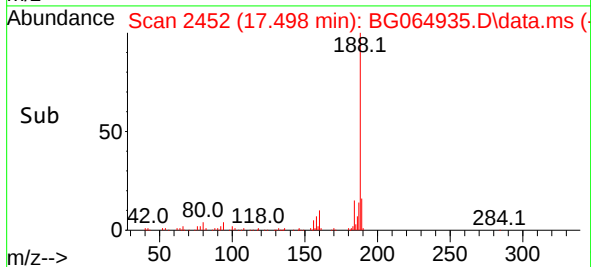
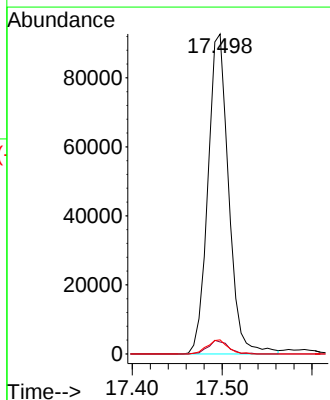
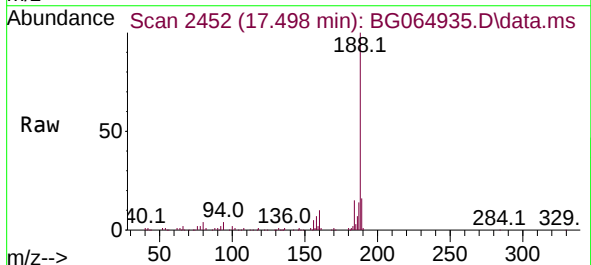


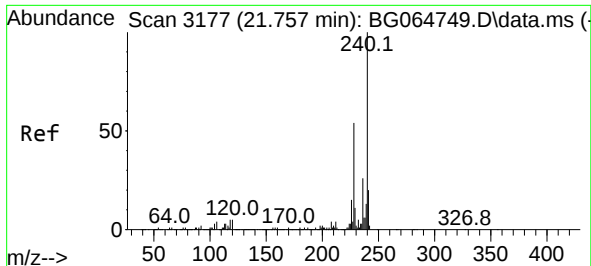
Tgt Ion:165	Resp:	7673
Ion	Ratio	Lower Upper
165	100	
63	0.0	37.8 56.6#
89	0.0	51.6 77.4#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BG064935.D
Acq: 11 Dec 2025 15:33

Tgt Ion:188	Resp:	149344
Ion	Ratio	Lower Upper
188	100	
94	3.7	4.7 7.1#
80	4.4	5.4 8.2#

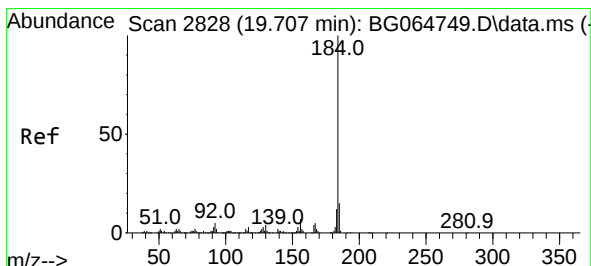
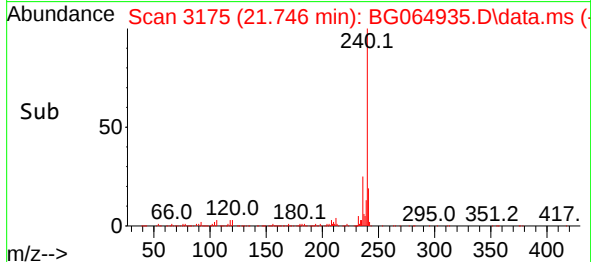
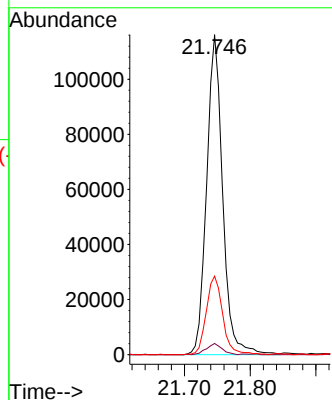
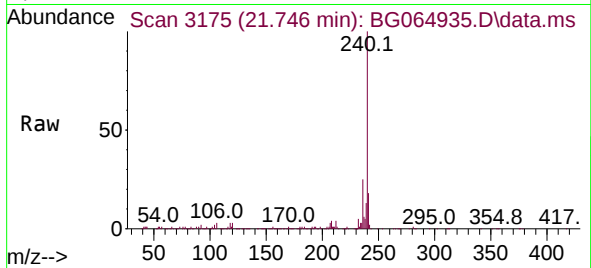




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.746 min Scan# 3175
Delta R.T. -0.012 min
Lab File: BG064935.D
Acq: 11 Dec 2025 15:33

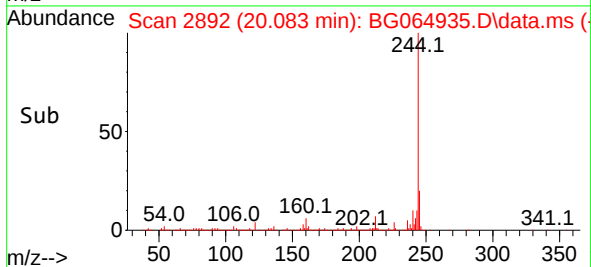
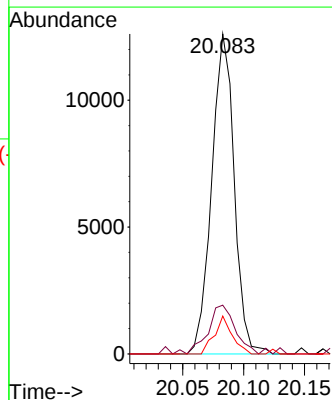
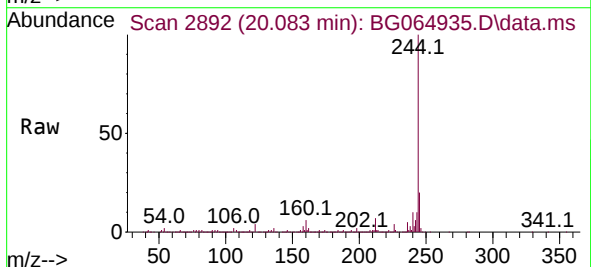
Instrument :
BNA_G
ClientSampleId :

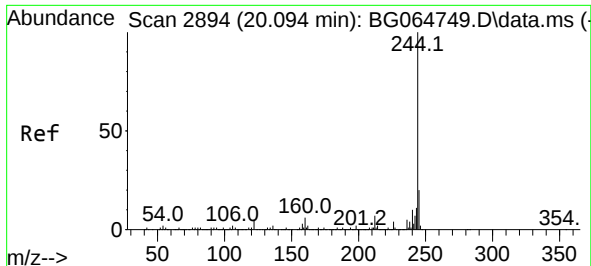
Tgt Ion:240 Resp: 196781
Ion Ratio Lower Upper
240 100
120 3.5 4.2 6.4#
236 24.5 20.8 31.2



#77
Benzidine
Concen: 2.748 ng
RT: 20.083 min Scan# 2892
Delta R.T. 0.376 min
Lab File: BG064935.D
Acq: 11 Dec 2025 15:33

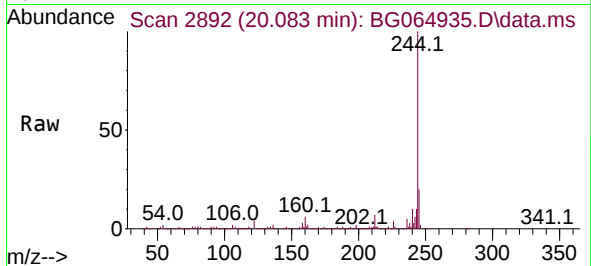
Tgt Ion:184 Resp: 16194
Ion Ratio Lower Upper
184 100
185 15.2 11.8 17.6
183 11.8 9.8 14.6



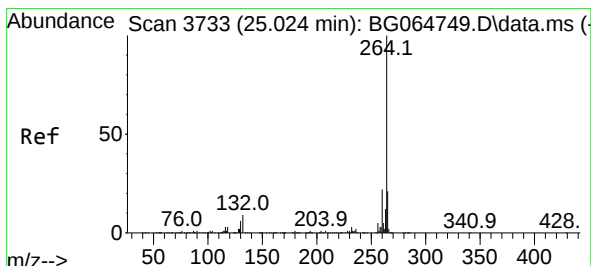
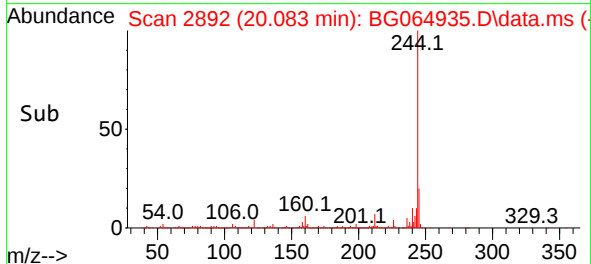
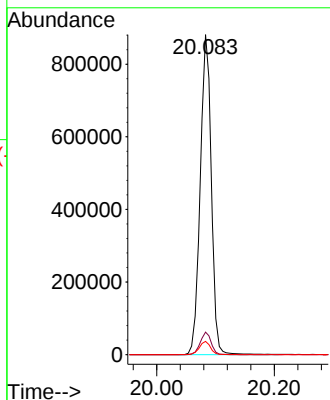


#79
 Terphenyl-d14
 Concen: 114.931 ng
 RT: 20.083 min Scan# 2892
 Delta R.T. -0.012 min
 Lab File: BG064935.D
 Acq: 11 Dec 2025 15:33

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion:244 Resp: 1149733
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 4.2 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.007 min Scan# 3730
 Delta R.T. -0.017 min
 Lab File: BG064935.D
 Acq: 11 Dec 2025 15:33

Tgt Ion:264 Resp: 223958
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.2 25.8
 265 20.0 16.6 25.0

