

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112025\
 Data File : BG064834.D
 Acq On : 20 Nov 2025 15:00
 Operator : RC/JU
 Sample : Q3664-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ARS20-0013

Quant Time: Nov 20 15:35:40 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)

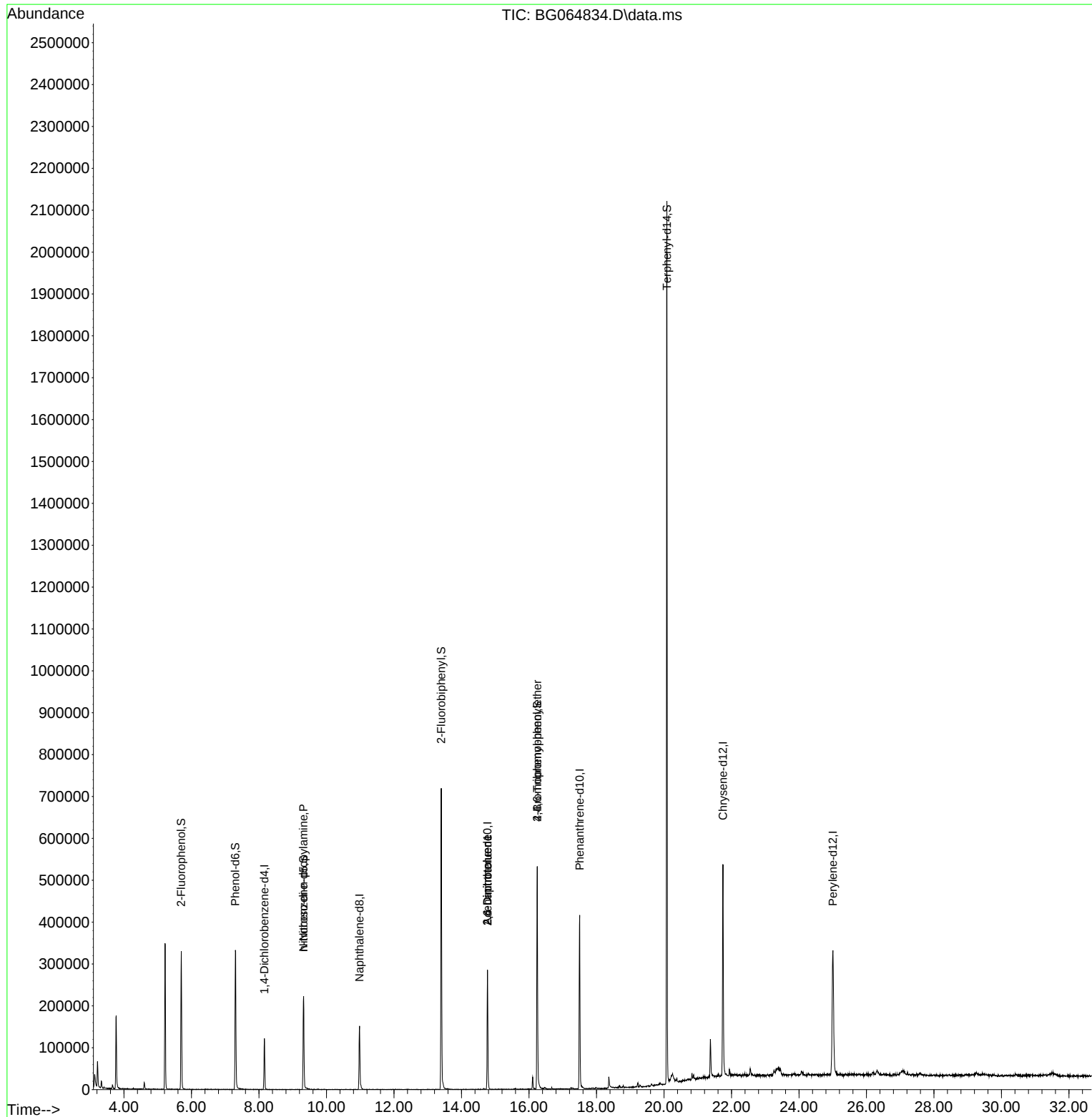
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.160	152	36754	20.000	ng	0.00
21) Naphthalene-d8	10.980	136	142782	20.000	ng	0.00
39) Acenaphthene-d10	14.770	164	116792	20.000	ng	0.00
64) Phenanthrene-d10	17.502	188	309182	20.000	ng	0.00
76) Chrysene-d12	21.750	240	375111	20.000	ng	0.00
86) Perylene-d12	25.005	264	383386	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	141228	67.099	ng	0.00
7) Phenol-d6	7.302	99	204303	72.980	ng	0.00
23) Nitrobenzene-d5	9.323	82	139237	48.215	ng	0.00
42) 2,4,6-Tribromophenol	16.245	330	141546	62.141	ng	0.00
45) 2-Fluorobiphenyl	13.401	172	429236	51.282	ng	0.00
79) Terphenyl-d14	20.087	244	1134423	59.489	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.323	70	18846	9.956	ng	# 66
51) 2,6-Dinitrotoluene	14.770	165	15063	8.485	ng	# 22
57) 2,4-Dinitrotoluene	14.770	165	15064	5.660	ng	# 26
67) 4-Bromophenyl-phenylether	16.245	248	8831	2.175	ng	# 1

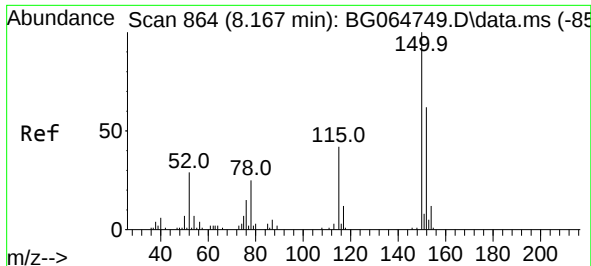
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112025\
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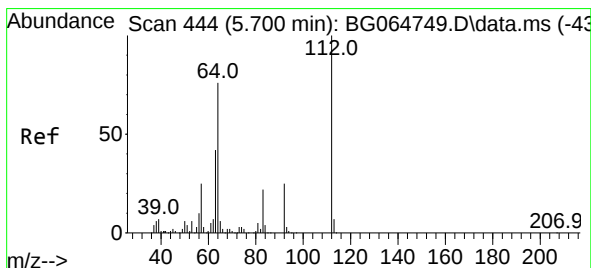
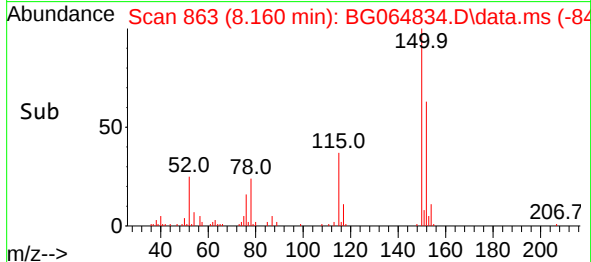
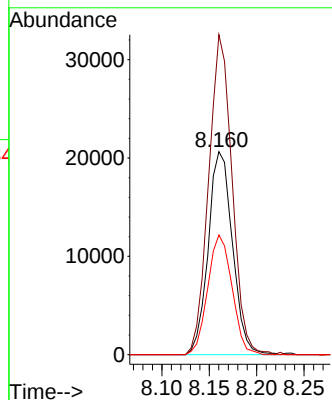
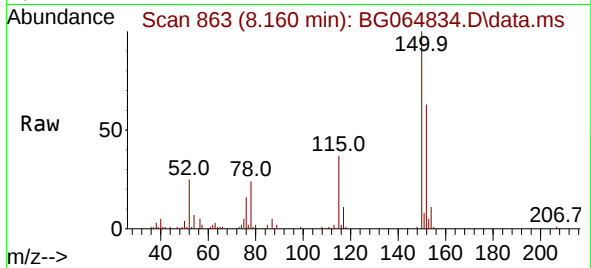




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.160 min Scan# 80
Delta R.T. -0.007 min
Lab File: BG064834.D
Acq: 20 Nov 2025 15:00

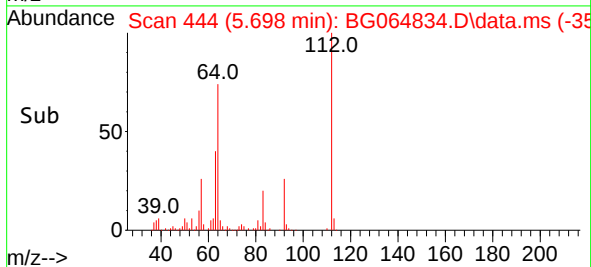
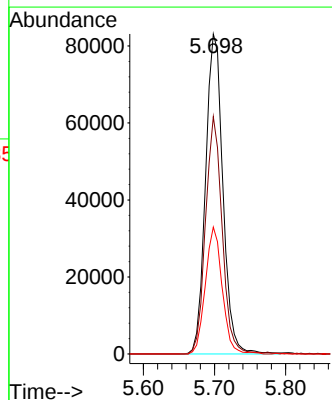
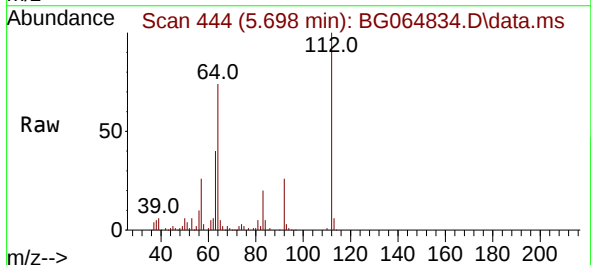
Instrument :
BNA_G
ClientSampleId :
ARS20-0013

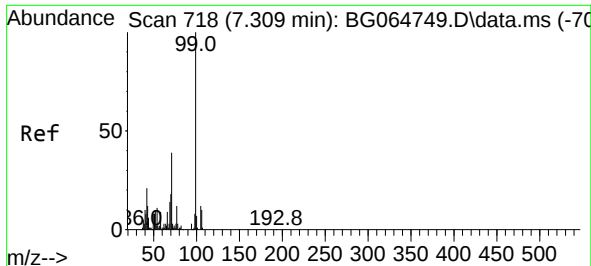
Tgt Ion:152 Resp: 36754
Ion Ratio Lower Upper
152 100
150 157.6 129.2 193.8
115 59.0 53.7 80.5



#5
2-Fluorophenol
Concen: 67.099 ng
RT: 5.698 min Scan# 444
Delta R.T. -0.001 min
Lab File: BG064834.D
Acq: 20 Nov 2025 15:00

Tgt Ion:112 Resp: 141228
Ion Ratio Lower Upper
112 100
64 74.2 61.0 91.4
63 39.7 33.3 49.9

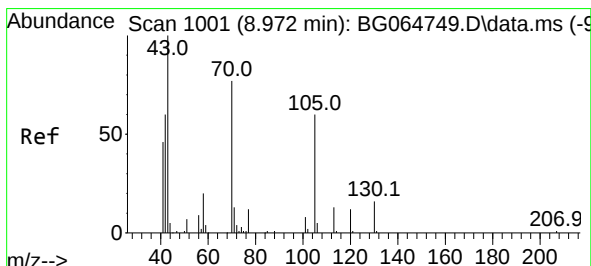
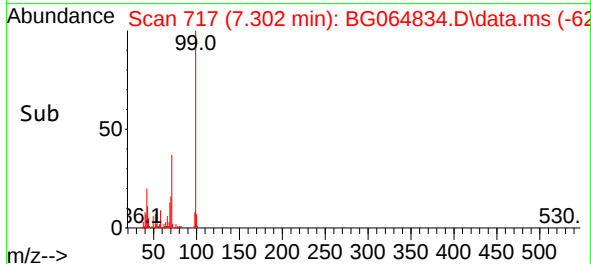
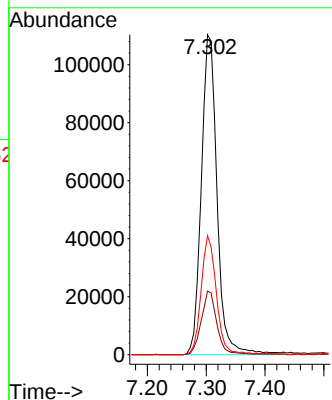
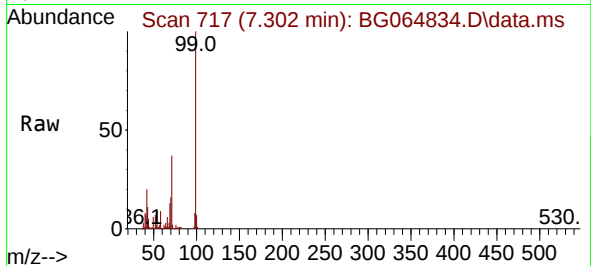




#7
Phenol-d6
Concen: 72.980 ng
RT: 7.302 min Scan# 718
Delta R.T. -0.007 min
Lab File: BG064834.D
Acq: 20 Nov 2025 15:00

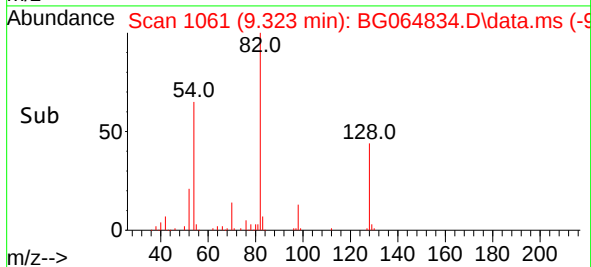
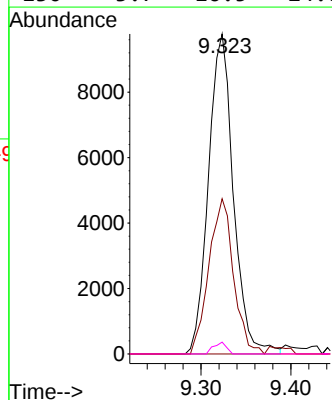
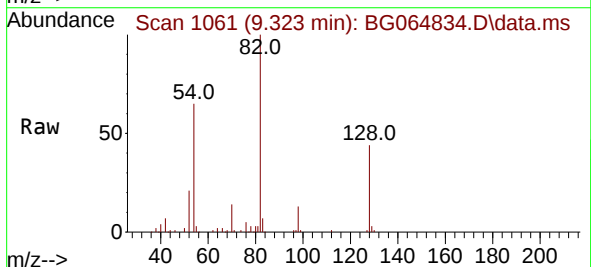
Instrument :
BNA_G
ClientSampleId :
ARS20-0013

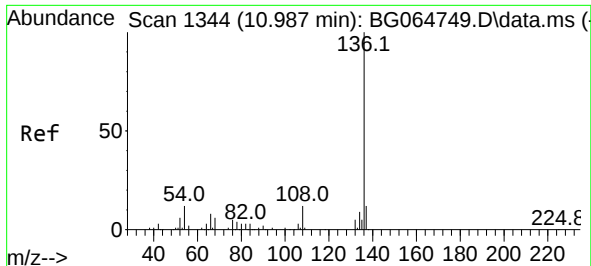
Tgt Ion: 99 Resp: 204303
Ion Ratio Lower Upper
99 100
42 19.9 16.8 25.2
71 37.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 9.956 ng
RT: 9.323 min Scan# 1061
Delta R.T. 0.351 min
Lab File: BG064834.D
Acq: 20 Nov 2025 15:00

Tgt Ion: 70 Resp: 18846
Ion Ratio Lower Upper
70 100
42 48.5 62.6 93.8#
101 0.0 8.0 12.0#
130 3.7 16.5 24.7#

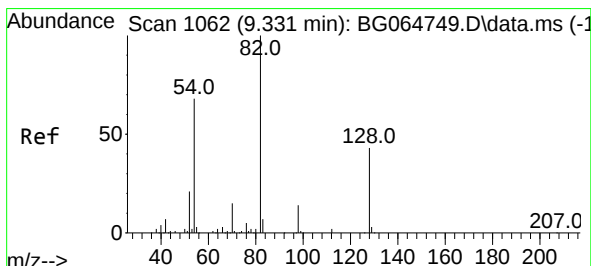
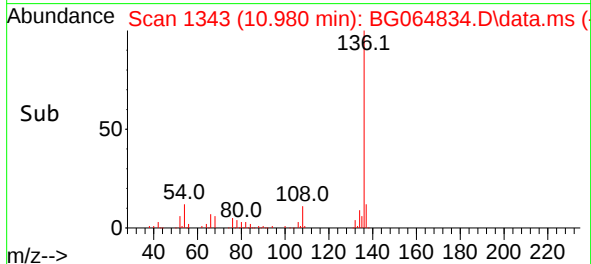
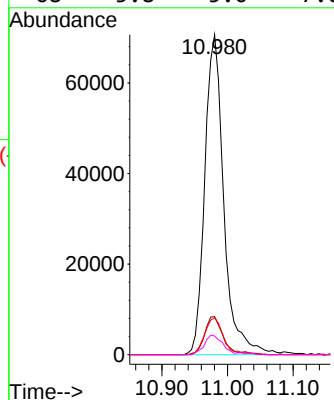
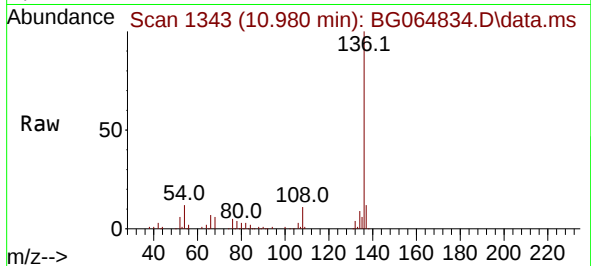




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.980 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG064834.D
Acq: 20 Nov 2025 15:00

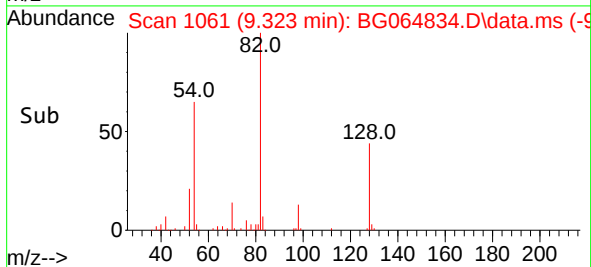
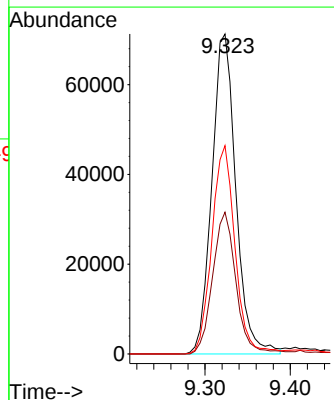
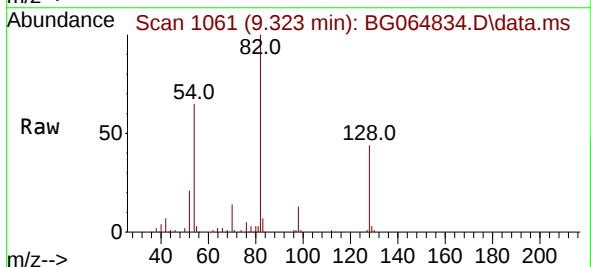
Instrument :
BNA_G
ClientSampleId :
ARS20-0013

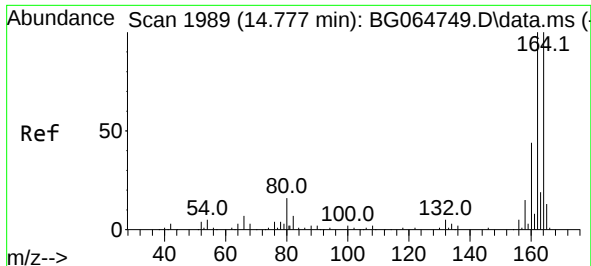
Tgt Ion:	136	Resp:	142782
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.3	13.9
54	11.6	9.3	13.9
68	5.8	5.0	7.6



#23
Nitrobenzene-d5
Concen: 48.215 ng
RT: 9.323 min Scan# 1061
Delta R.T. -0.007 min
Lab File: BG064834.D
Acq: 20 Nov 2025 15:00

Tgt Ion:	82	Resp:	139237
Ion Ratio	Lower	Upper	
82	100		
128	44.3	34.1	51.1
54	65.1	54.3	81.5

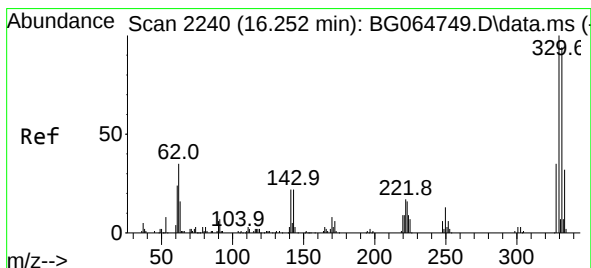
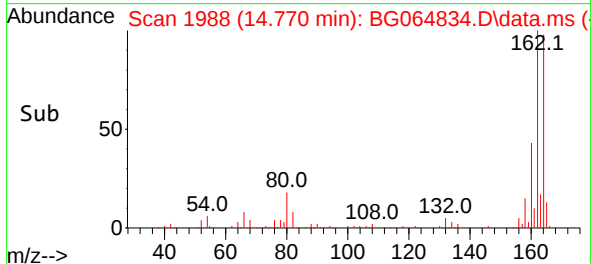
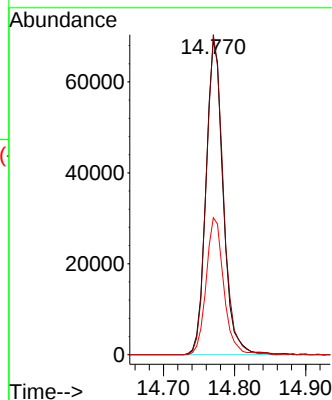
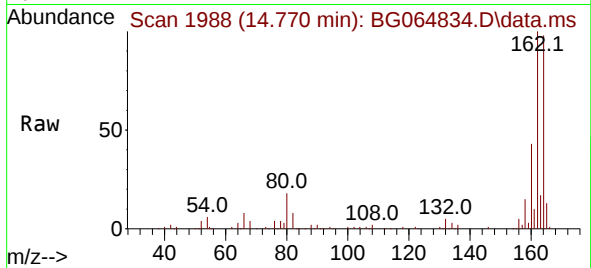




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.770 min Scan# 1989
Delta R.T. -0.007 min
Lab File: BG064834.D
Acq: 20 Nov 2025 15:00

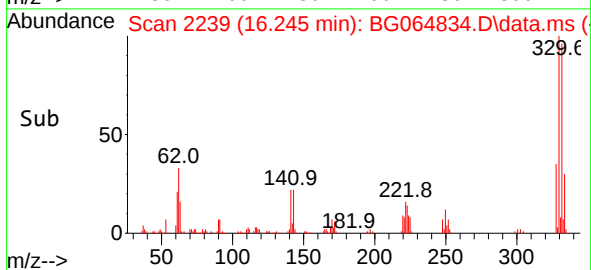
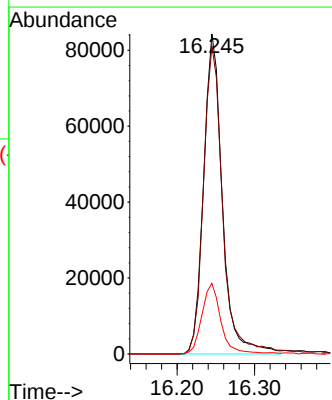
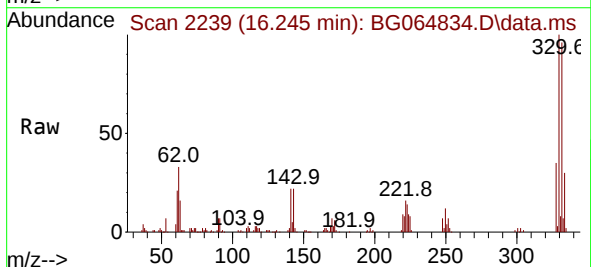
Instrument :
BNA_G
ClientSampleId :
ARS20-0013

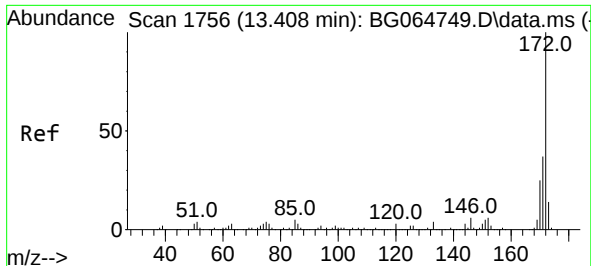
Tgt Ion:164 Resp: 116792
Ion Ratio Lower Upper
164 100
162 101.8 79.8 119.6
160 43.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 62.141 ng
RT: 16.245 min Scan# 2239
Delta R.T. -0.007 min
Lab File: BG064834.D
Acq: 20 Nov 2025 15:00

Tgt Ion:330 Resp: 141546
Ion Ratio Lower Upper
330 100
332 99.1 77.0 115.6
141 22.3 18.2 27.2

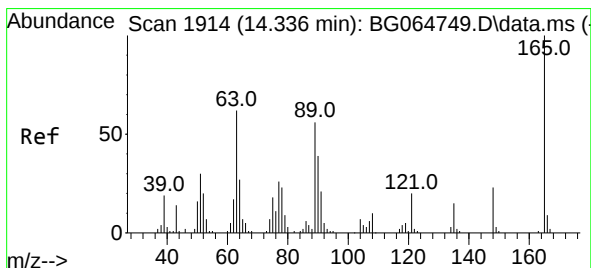
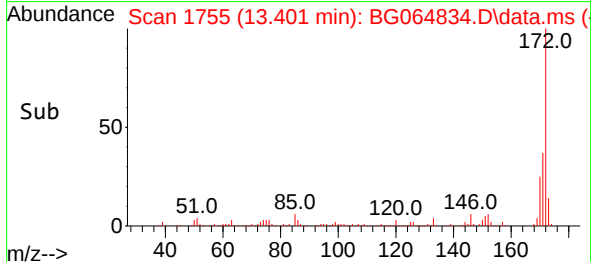
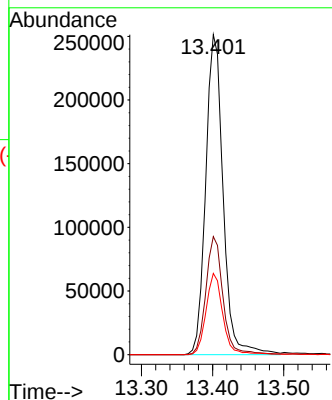
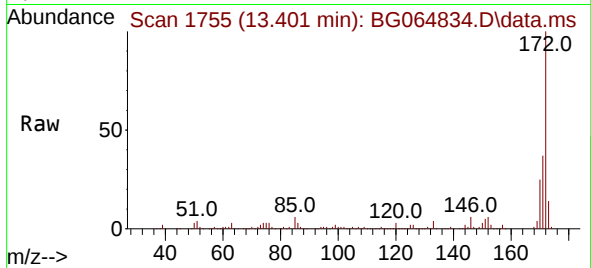




#45
2-Fluorobiphenyl
Concen: 51.282 ng
RT: 13.401 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG064834.D
Acq: 20 Nov 2025 15:00

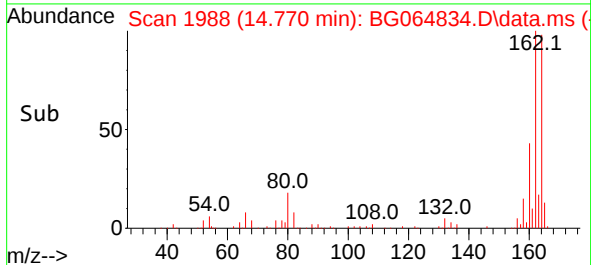
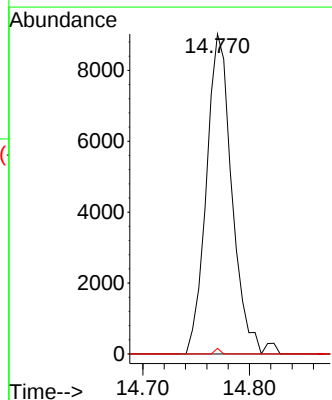
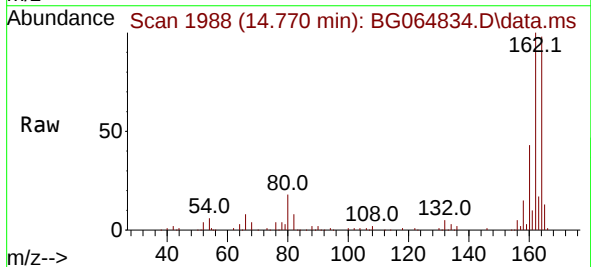
Instrument :
BNA_G
ClientSampleId :
ARS20-0013

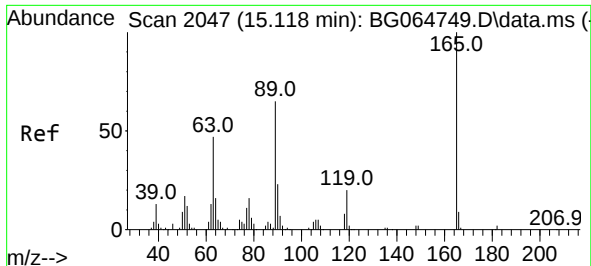
Tgt Ion:172 Resp: 429236
Ion Ratio Lower Upper
172 100
171 36.9 29.9 44.9
170 25.4 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.485 ng
RT: 14.770 min Scan# 1988
Delta R.T. 0.434 min
Lab File: BG064834.D
Acq: 20 Nov 2025 15:00

Tgt Ion:165 Resp: 15063
Ion Ratio Lower Upper
165 100
63 0.0 49.8 74.8#
89 1.8 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.660 ng

RT: 14.770 min Scan# 1988

Delta R.T. -0.348 min

Lab File: BG064834.D

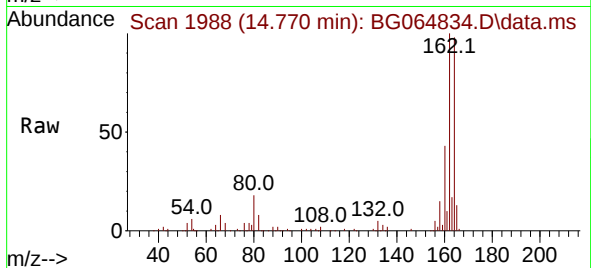
Acq: 20 Nov 2025 15:00

Instrument :

BNA_G

ClientSampleId :

ARS20-0013



Tgt Ion:165 Resp: 15064

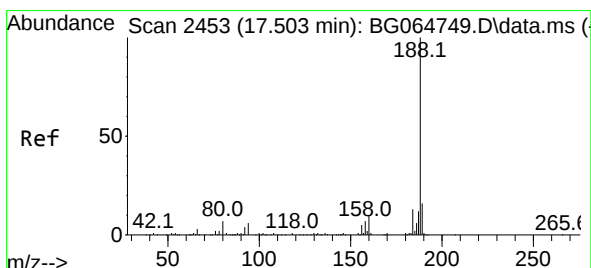
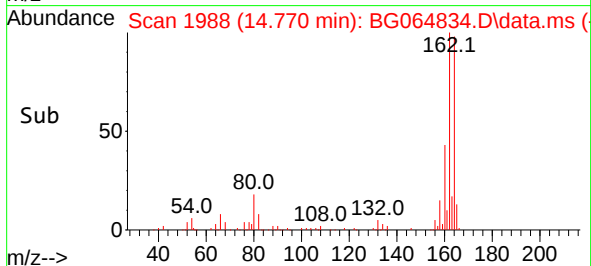
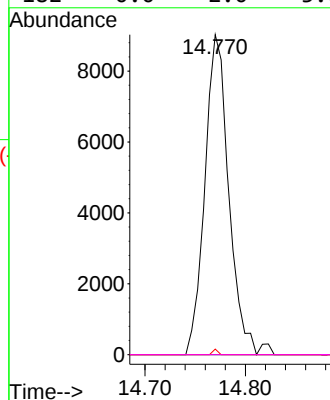
Ion Ratio Lower Upper

165 100

63 0.0 37.8 56.6#

89 1.8 51.6 77.4#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.502 min Scan# 2453

Delta R.T. -0.001 min

Lab File: BG064834.D

Acq: 20 Nov 2025 15:00

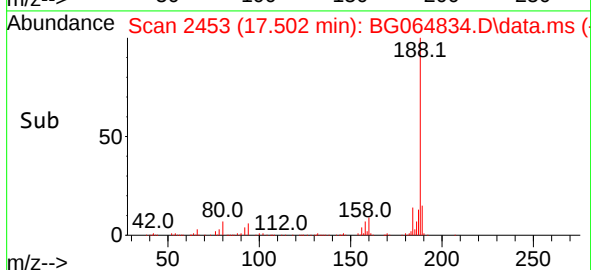
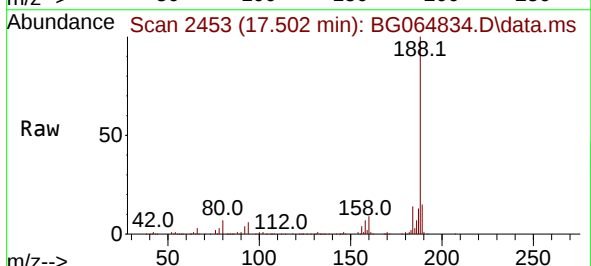
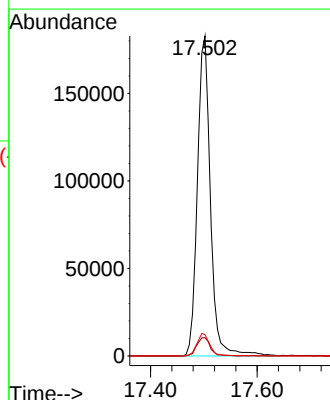
Tgt Ion:188 Resp: 309182

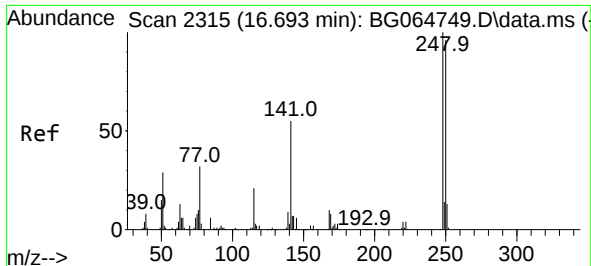
Ion Ratio Lower Upper

188 100

94 5.7 4.7 7.1

80 6.7 5.4 8.2

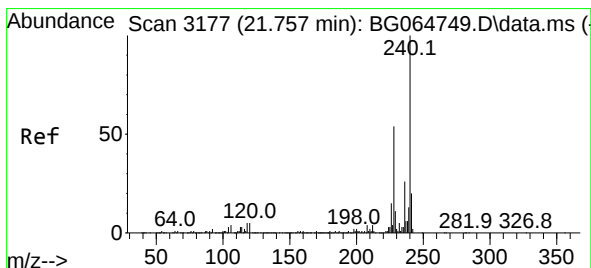
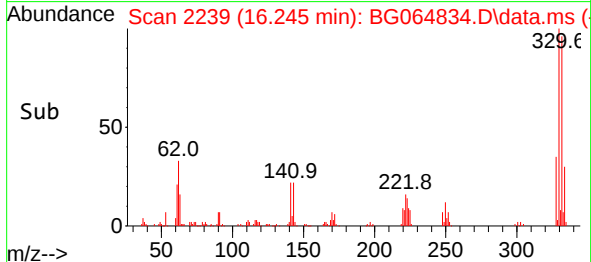
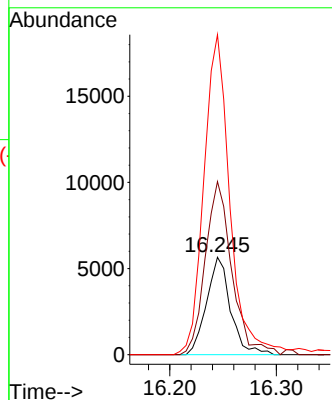
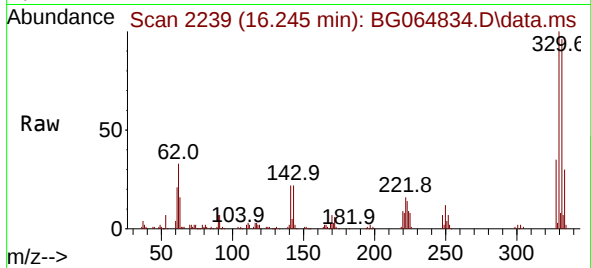




#67
4-Bromophenyl-phenylether
Concen: 2.175 ng
RT: 16.245 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG064834.D
Acq: 20 Nov 2025 15:00

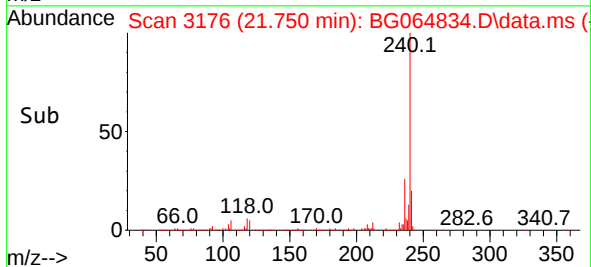
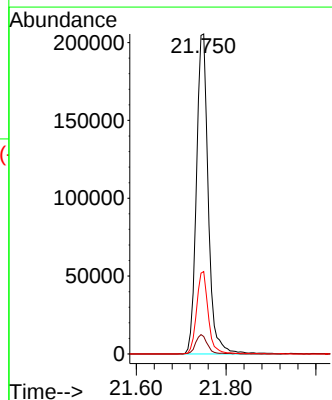
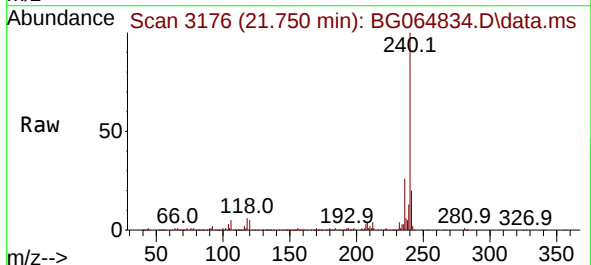
Instrument :
BNA_G
ClientSampleId :
ARS20-0013

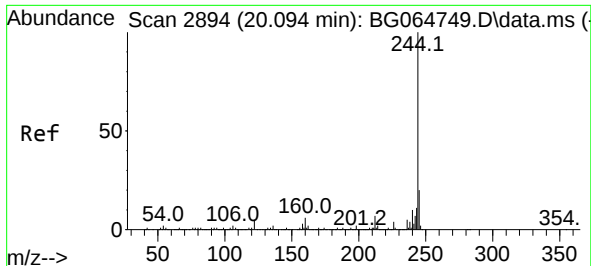
Tgt Ion:248 Resp: 8831
Ion Ratio Lower Upper
248 100
250 238.5 77.0 115.6#
141 328.3 43.7 65.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.750 min Scan# 3176
Delta R.T. -0.007 min
Lab File: BG064834.D
Acq: 20 Nov 2025 15:00

Tgt Ion:240 Resp: 375111
Ion Ratio Lower Upper
240 100
120 5.5 4.2 6.4
236 25.7 20.8 31.2

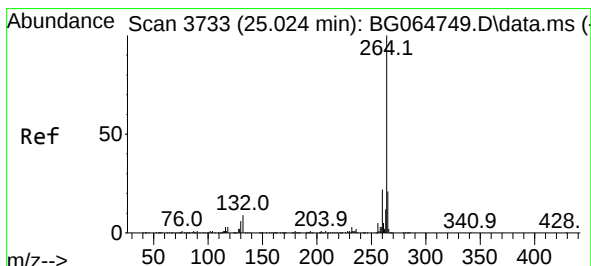
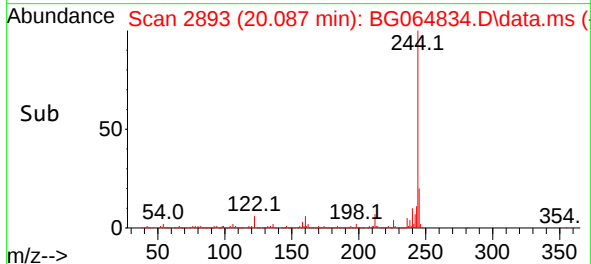
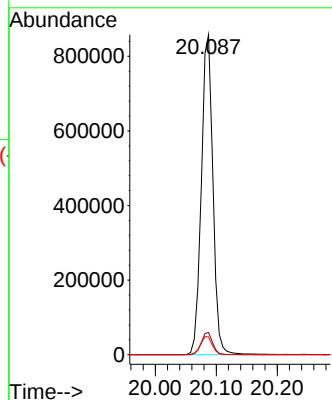
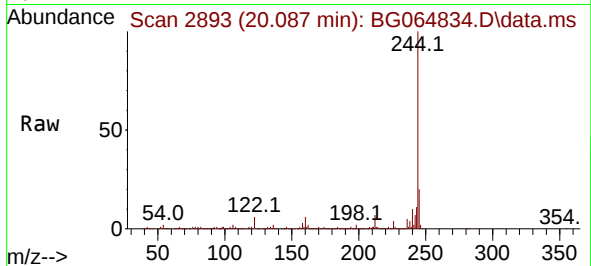




#79
 Terphenyl-d14
 Concen: 59.489 ng
 RT: 20.087 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG064834.D
 Acq: 20 Nov 2025 15:00

Instrument :
 BNA_G
 ClientSampleId :
 ARS20-0013

Tgt Ion:244 Resp: 1134423
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 5.6 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.005 min Scan# 3730
 Delta R.T. -0.019 min
 Lab File: BG064834.D
 Acq: 20 Nov 2025 15:00

Tgt Ion:264 Resp: 383386
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.2 25.8
 265 19.8 16.6 25.0

