

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112025\
 Data File : BG064832.D
 Acq On : 20 Nov 2025 13:38
 Operator : RC/JU
 Sample : Q3677-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Nov 20 14:17:03 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)

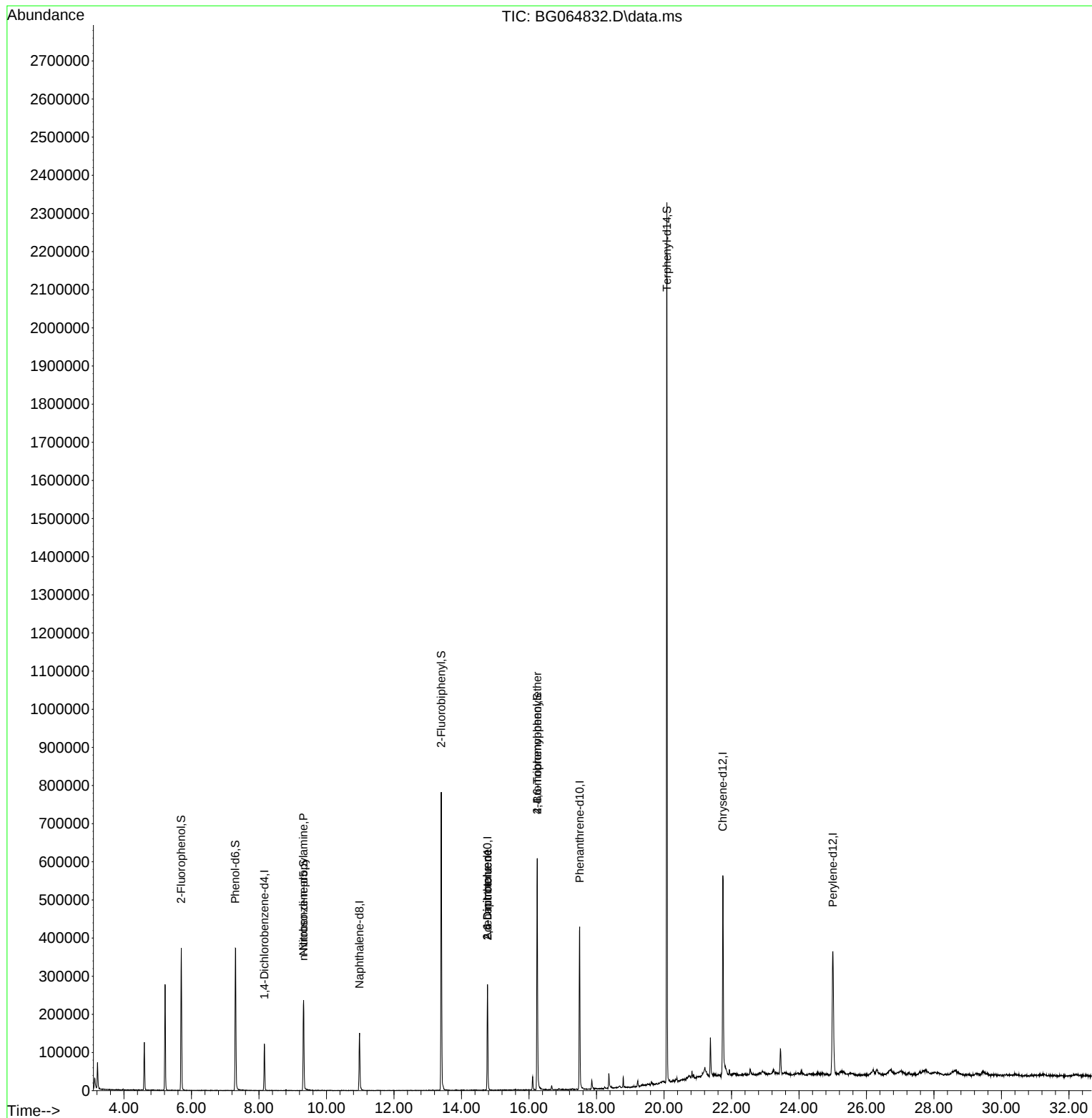
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.160	152	36426	20.000	ng	0.00
21) Naphthalene-d8	10.980	136	136524	20.000	ng	0.00
39) Acenaphthene-d10	14.770	164	113604	20.000	ng	0.00
64) Phenanthrene-d10	17.502	188	307142	20.000	ng	0.00
76) Chrysene-d12	21.744	240	380729	20.000	ng	#-0.01
86) Perylene-d12	25.005	264	395214	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	160866	77.117	ng	0.00
7) Phenol-d6	7.302	99	227490	81.994	ng	0.00
23) Nitrobenzene-d5	9.323	82	148533	53.792	ng	0.00
42) 2,4,6-Tribromophenol	16.244	330	158643	71.602	ng	0.00
45) 2-Fluorobiphenyl	13.401	172	448486	55.085	ng	0.00
79) Terphenyl-d14	20.087	244	1261842	65.195	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.317	70	19182	10.225	ng	# 65
51) 2,6-Dinitrotoluene	14.770	165	13990	8.102	ng	# 23
57) 2,4-Dinitrotoluene	14.770	165	13991	5.404	ng	# 26
67) 4-Bromophenyl-phenylether	16.244	248	9151	2.269	ng	# 1

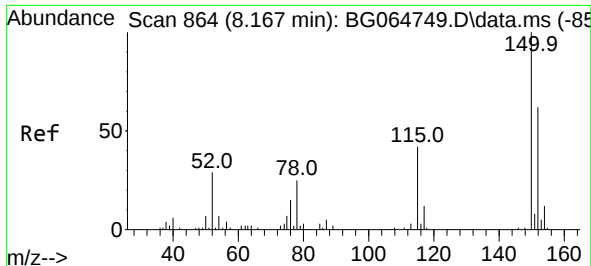
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112025\
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QLast Update : Wed Nov 12 17:10:56 2025
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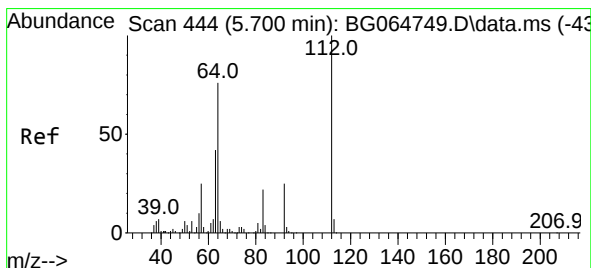
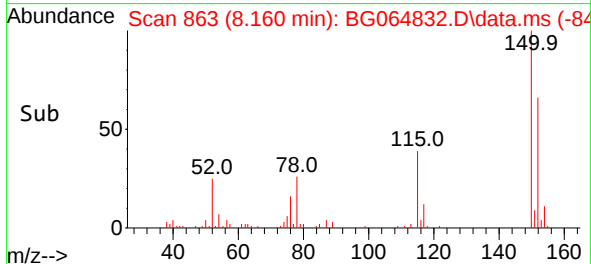
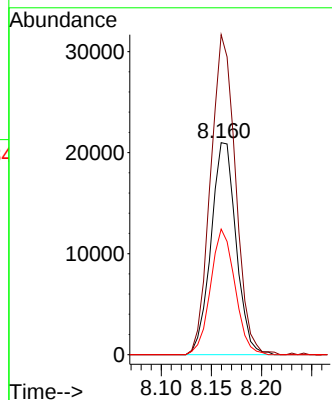
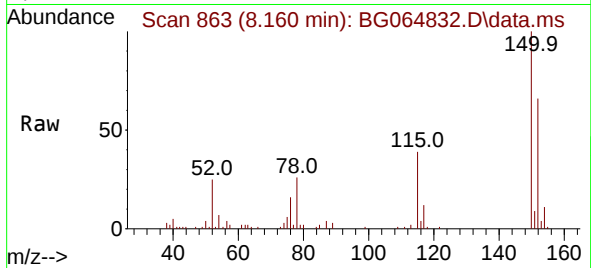




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.160 min Scan# 864
Delta R.T. -0.007 min
Lab File: BG064832.D
Acq: 20 Nov 2025 13:38

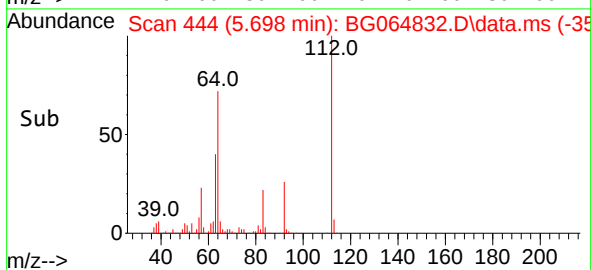
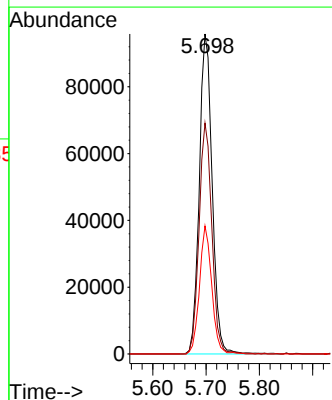
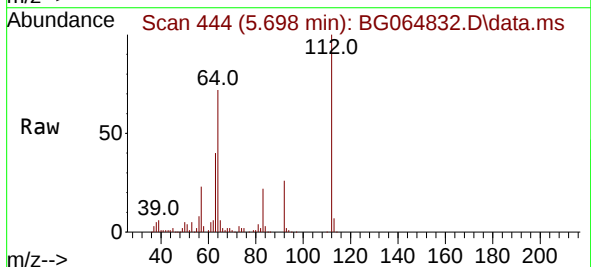
Instrument :
BNA_G
ClientSampleId :
COMP-1

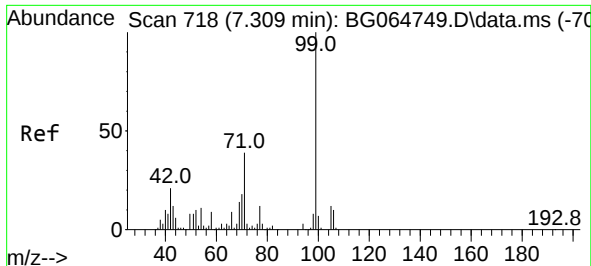
Tgt Ion:152 Resp: 36426
Ion Ratio Lower Upper
152 100
150 151.0 129.2 193.8
115 59.3 53.7 80.5



#5
2-Fluorophenol
Concen: 77.117 ng
RT: 5.698 min Scan# 444
Delta R.T. -0.002 min
Lab File: BG064832.D
Acq: 20 Nov 2025 13:38

Tgt Ion:112 Resp: 160866
Ion Ratio Lower Upper
112 100
64 72.2 61.0 91.4
63 40.0 33.3 49.9

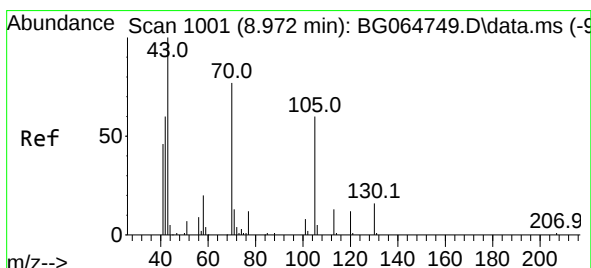
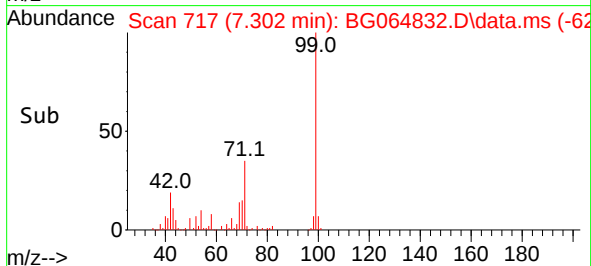
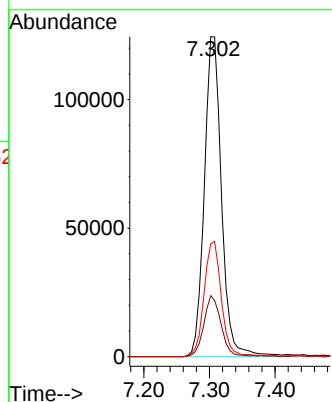
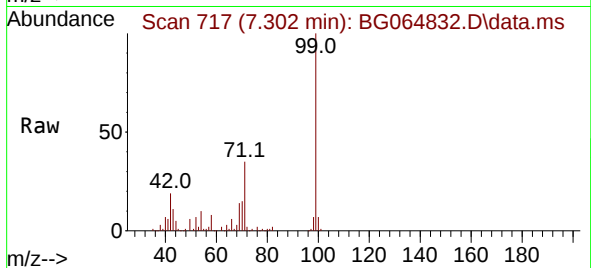




#7
Phenol-d6
Concen: 81.994 ng
RT: 7.302 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG064832.D
Acq: 20 Nov 2025 13:38

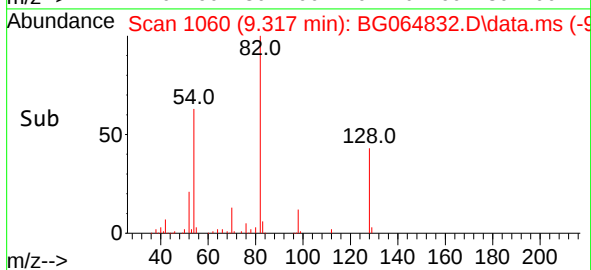
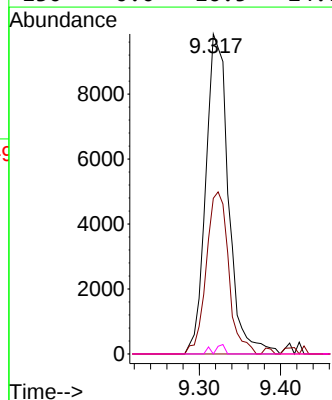
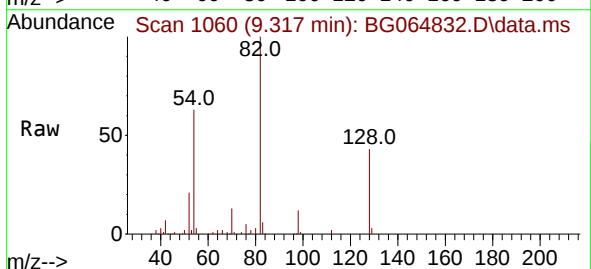
Instrument :
BNA_G
ClientSampleId :
COMP-1

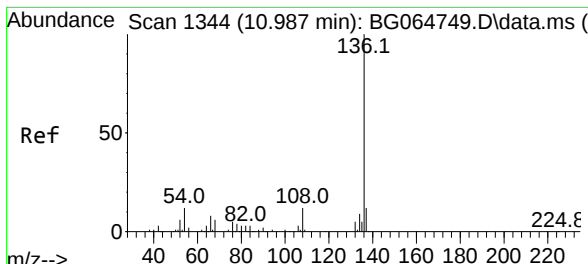
Tgt Ion: 99 Resp: 227490
Ion Ratio Lower Upper
99 100
42 19.0 16.8 25.2
71 35.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.225 ng
RT: 9.317 min Scan# 1060
Delta R.T. 0.345 min
Lab File: BG064832.D
Acq: 20 Nov 2025 13:38

Tgt Ion: 70 Resp: 19182
Ion Ratio Lower Upper
70 100
42 48.6 62.6 93.8#
101 0.0 8.0 12.0#
130 0.0 16.5 24.7#

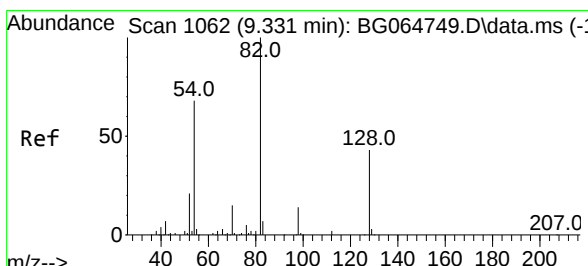
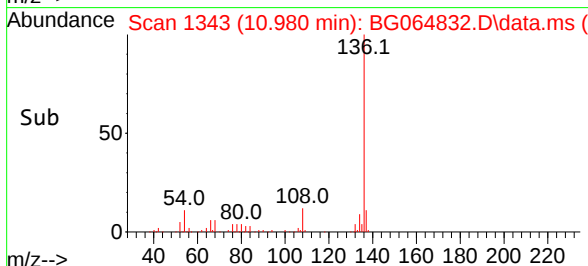
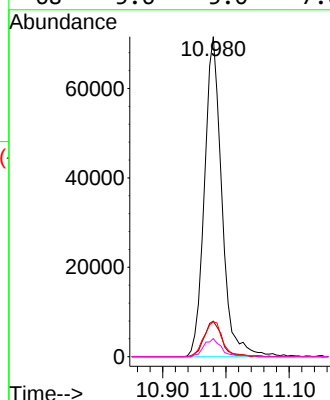
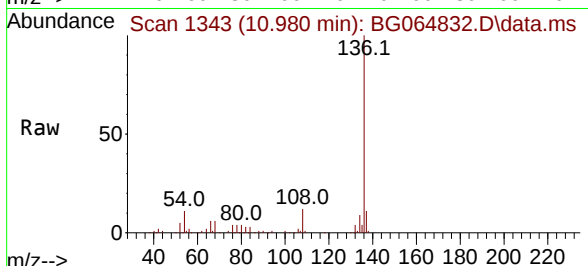




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.980 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG064832.D
Acq: 20 Nov 2025 13:38

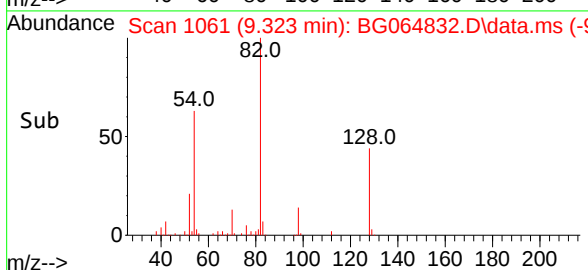
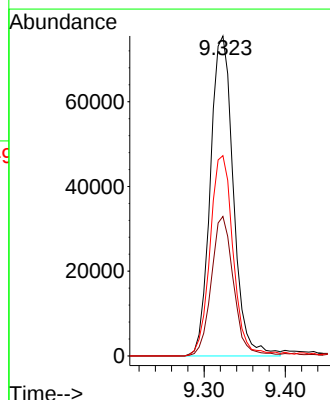
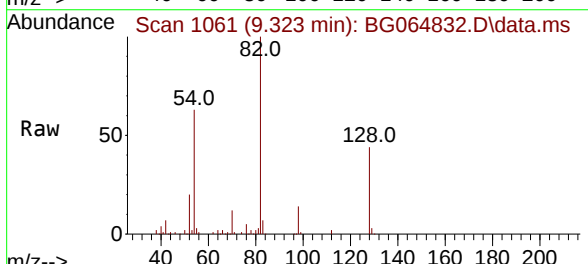
Instrument :
BNA_G
ClientSampleId :
COMP-1

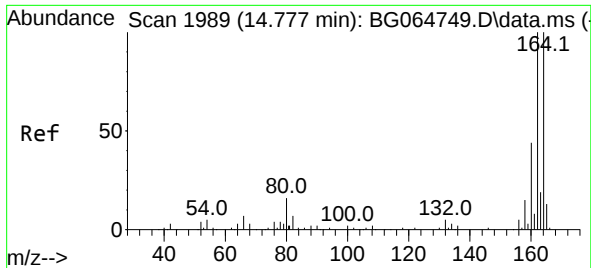
Tgt Ion:	136	Resp:	136524
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.3	13.9
54	10.9	9.3	13.9
68	5.6	5.0	7.6



#23
Nitrobenzene-d5
Concen: 53.792 ng
RT: 9.323 min Scan# 1061
Delta R.T. -0.008 min
Lab File: BG064832.D
Acq: 20 Nov 2025 13:38

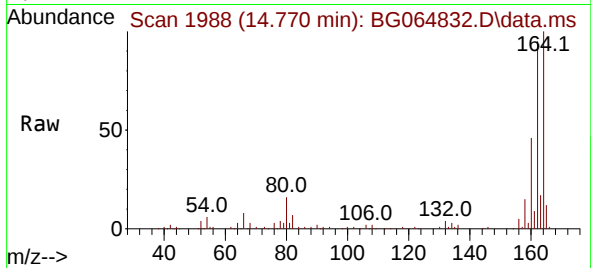
Tgt Ion:	82	Resp:	148533
Ion Ratio	Lower	Upper	
82	100		
128	43.6	34.1	51.1
54	62.6	54.3	81.5



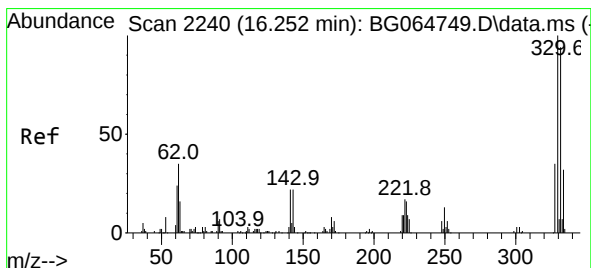
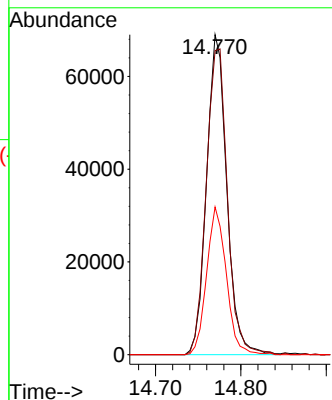
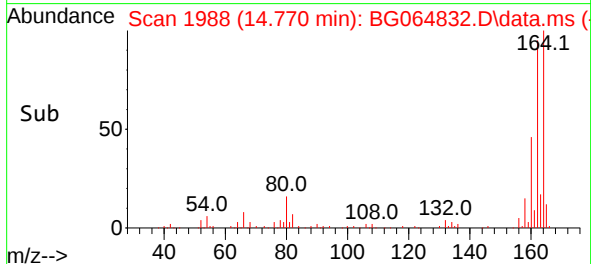


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.770 min Scan# 1989
Delta R.T. -0.008 min
Lab File: BG064832.D
Acq: 20 Nov 2025 13:38

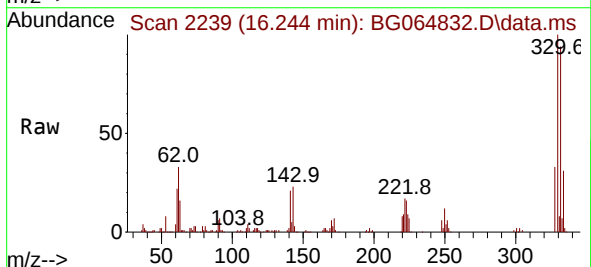
Instrument :
BNA_G
ClientSampleId :
COMP-1



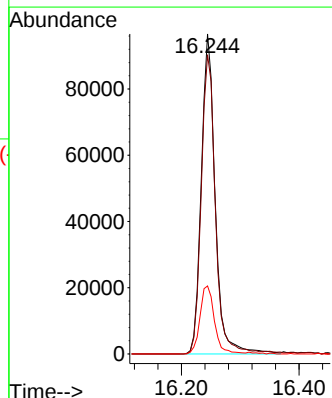
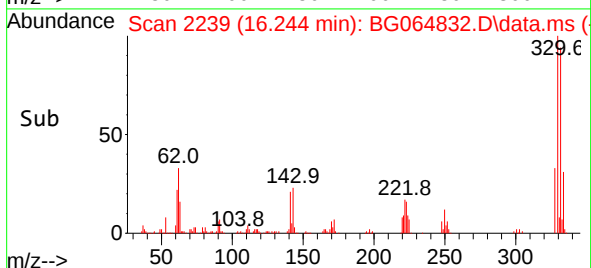
Tgt Ion:164 Resp: 113604
Ion Ratio Lower Upper
164 100
162 95.0 79.8 119.6
160 46.1 34.9 52.3

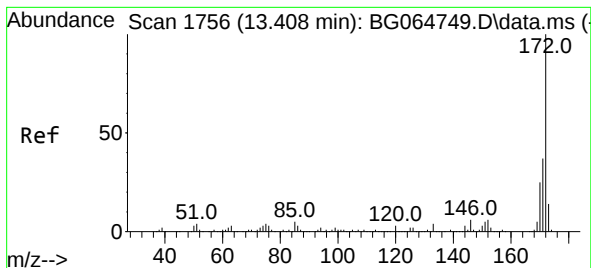


#42
2,4,6-Tribromophenol
Concen: 71.602 ng
RT: 16.244 min Scan# 2239
Delta R.T. -0.008 min
Lab File: BG064832.D
Acq: 20 Nov 2025 13:38



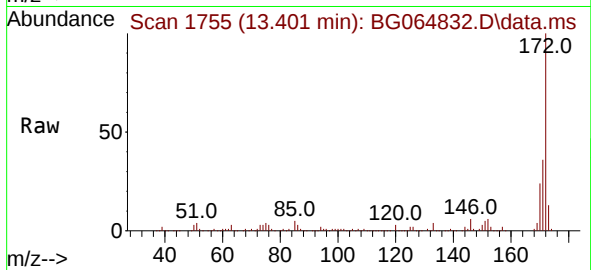
Tgt Ion:330 Resp: 158643
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 22.1 18.2 27.2



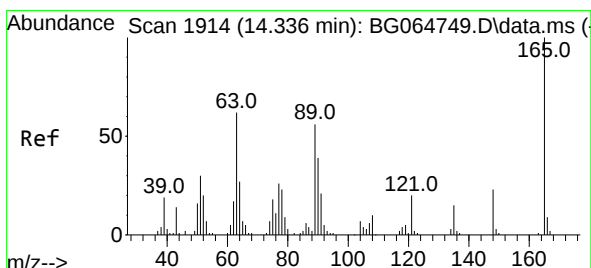
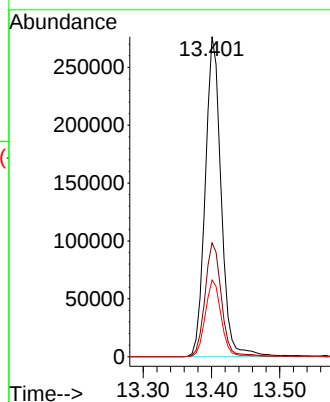
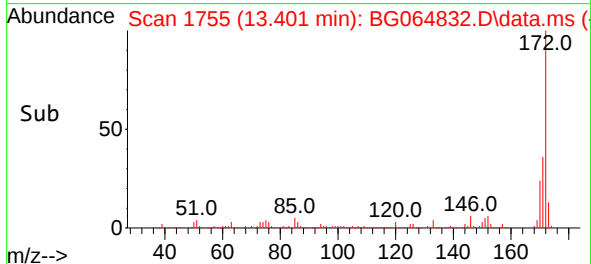


#45
2-Fluorobiphenyl
Concen: 55.085 ng
RT: 13.401 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG064832.D
Acq: 20 Nov 2025 13:38

Instrument :
BNA_G
ClientSampleId :
COMP-1

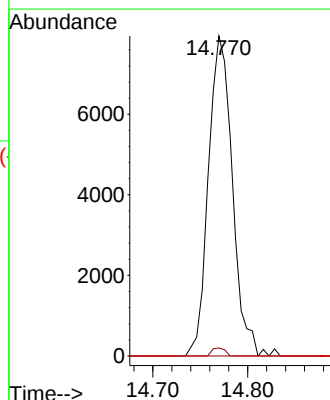
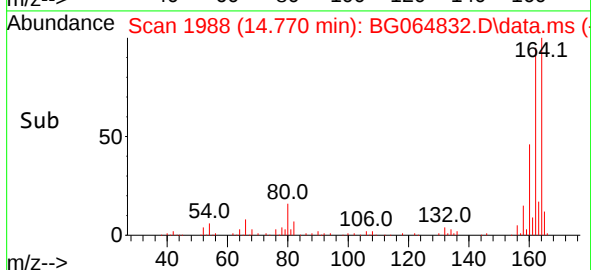
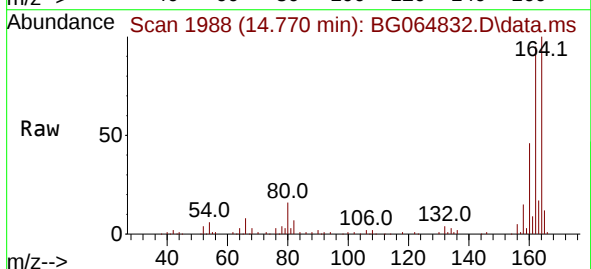


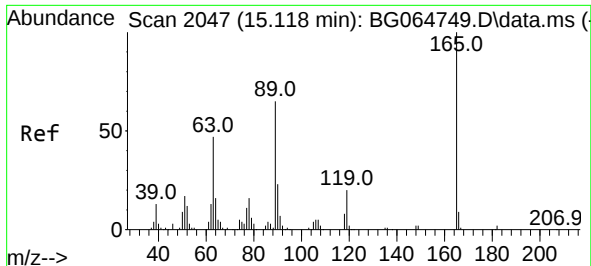
Tgt Ion:172 Resp: 448486
Ion Ratio Lower Upper
172 100
171 35.6 29.9 44.9
170 24.0 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.102 ng
RT: 14.770 min Scan# 1988
Delta R.T. 0.433 min
Lab File: BG064832.D
Acq: 20 Nov 2025 13:38

Tgt Ion:165 Resp: 13990
Ion Ratio Lower Upper
165 100
63 2.5 49.8 74.8#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.404 ng

RT: 14.770 min Scan# 1988

Delta R.T. -0.348 min

Lab File: BG064832.D

Acq: 20 Nov 2025 13:38

Instrument :

BNA_G

ClientSampleId :

COMP-1

Tgt Ion:165 Resp: 13991

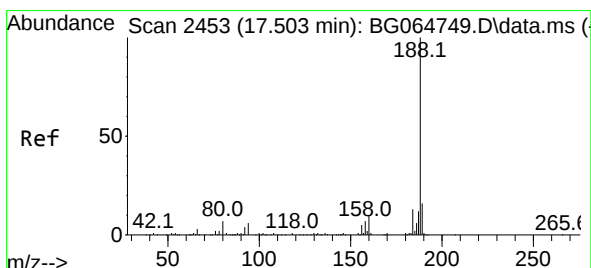
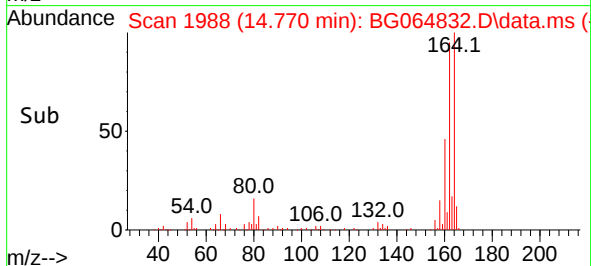
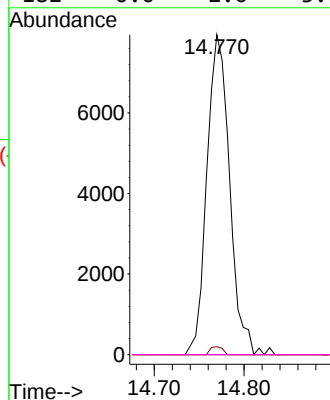
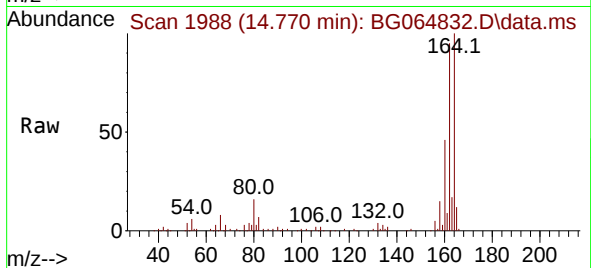
Ion Ratio Lower Upper

165 100

63 2.5 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: 17.502 min Scan# 2453

Delta R.T. -0.002 min

Lab File: BG064832.D

Acq: 20 Nov 2025 13:38

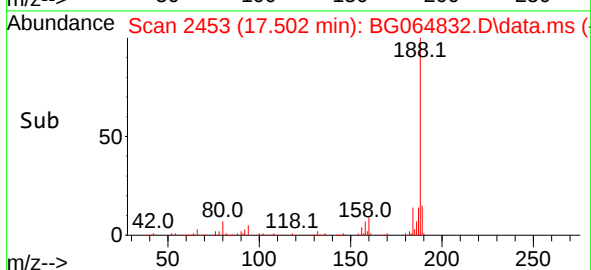
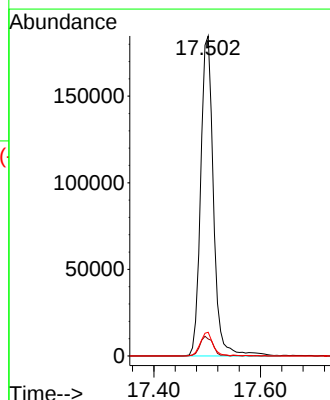
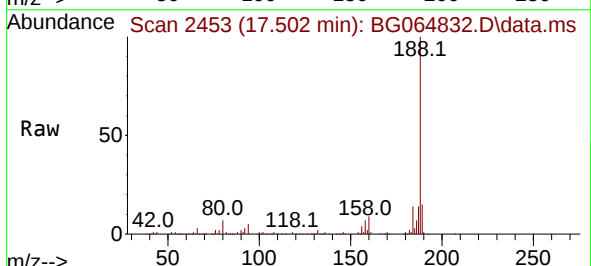
Tgt Ion:188 Resp: 307142

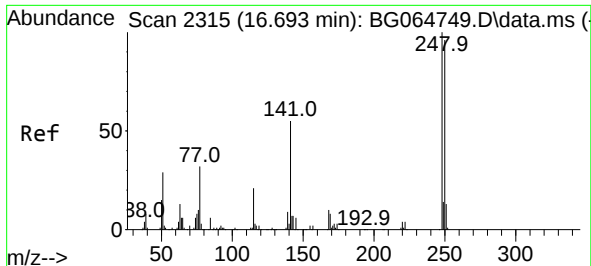
Ion Ratio Lower Upper

188 100

94 5.3 4.7 7.1

80 7.4 5.4 8.2

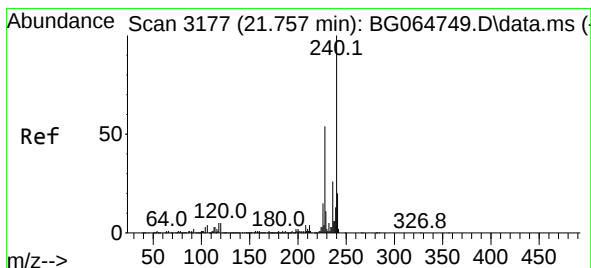
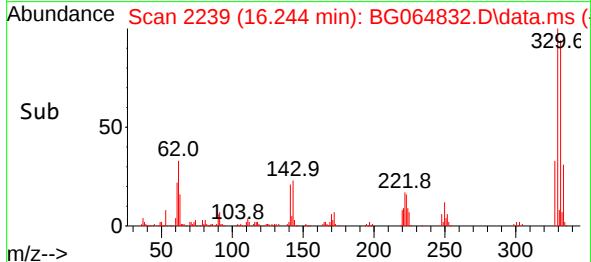
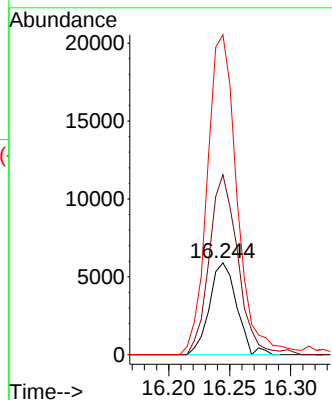
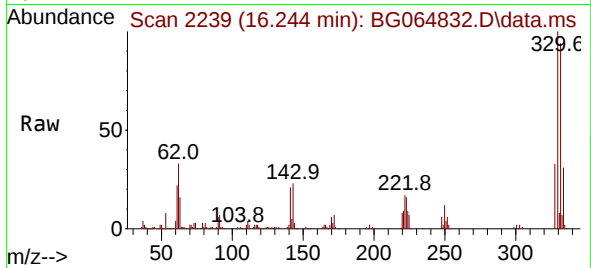




#67
4-Bromophenyl-phenylether
Concen: 2.269 ng
RT: 16.244 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG064832.D
Acq: 20 Nov 2025 13:38

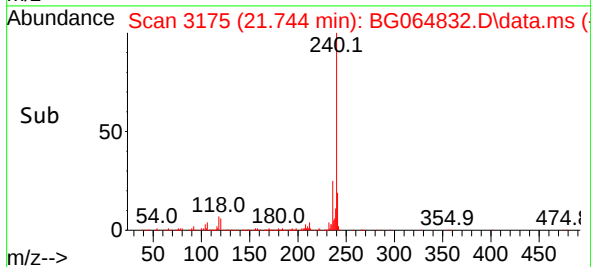
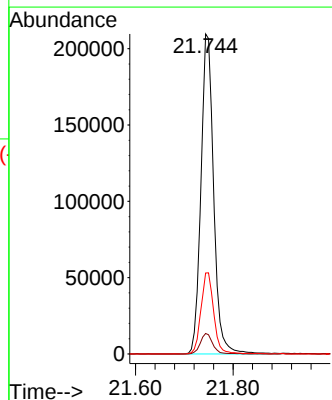
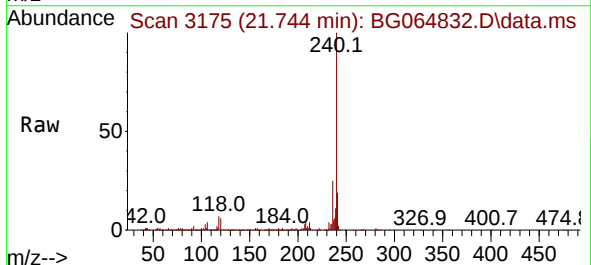
Instrument :
BNA_G
ClientSampleId :
COMP-1

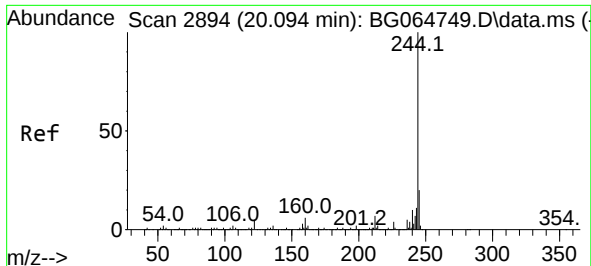
Tgt Ion:248 Resp: 9151
Ion Ratio Lower Upper
248 100
250 149.1 77.0 115.6#
141 265.0 43.7 65.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.744 min Scan# 3175
Delta R.T. -0.013 min
Lab File: BG064832.D
Acq: 20 Nov 2025 13:38

Tgt Ion:240 Resp: 380729
Ion Ratio Lower Upper
240 100
120 6.4 4.2 6.4#
236 25.3 20.8 31.2

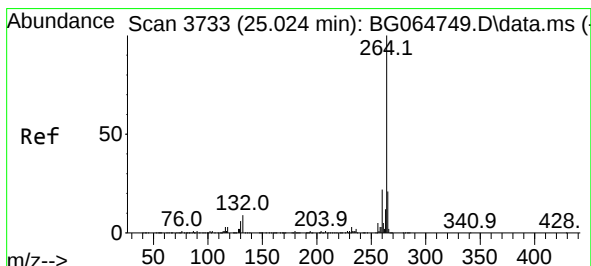
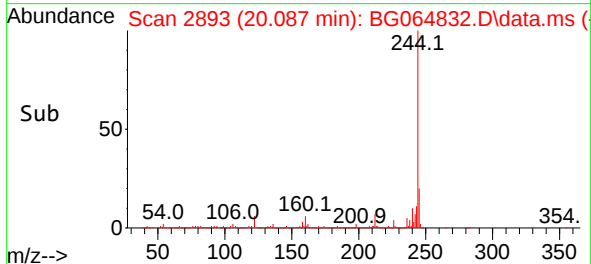
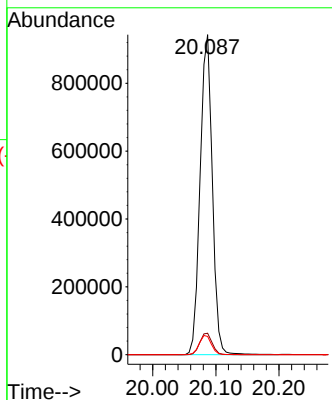
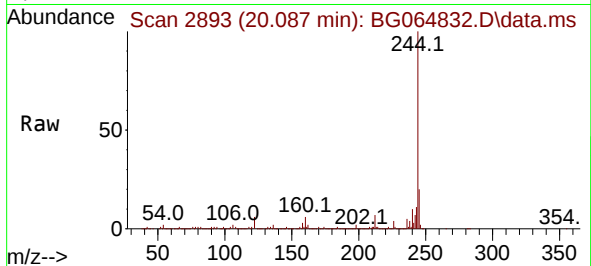




#79
Terphenyl-d14
Concen: 65.195 ng
RT: 20.087 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG064832.D
Acq: 20 Nov 2025 13:38

Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion:244 Resp: 1261842
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 5.7 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: BG064832.D
Acq: 20 Nov 2025 13:38

Tgt Ion:264 Resp: 395214
Ion Ratio Lower Upper
264 100
260 24.4 17.2 25.8
265 20.7 16.6 25.0

