

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
 Data File : BG064465.D
 Acq On : 29 Sep 2025 18:37
 Operator : RC/JU
 Sample : Q3181-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-A3-02-C

Quant Time: Sep 30 06:56:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 18:04:12 2025
 Response via : Initial Calibration

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

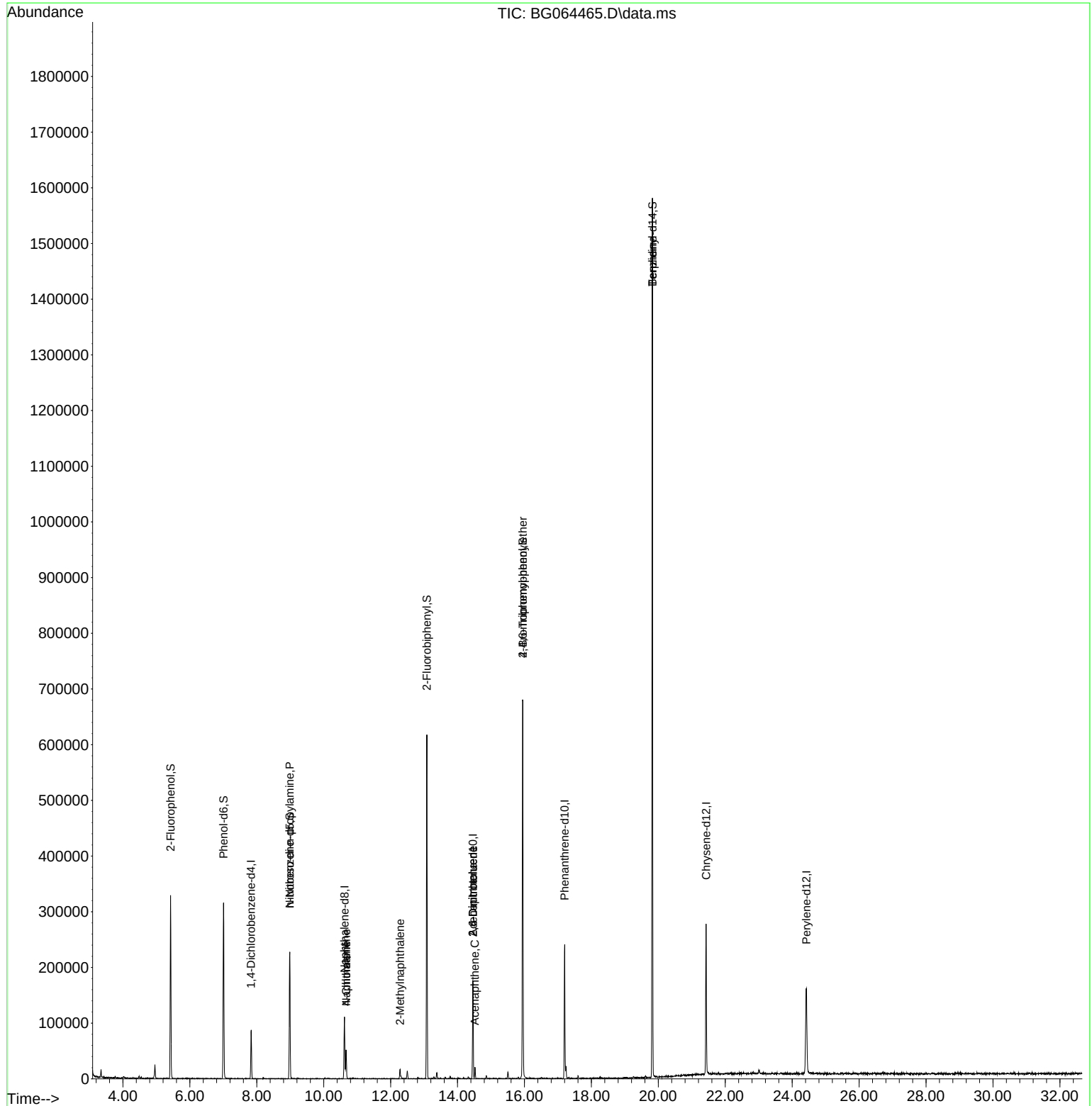
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	21992	20.000	ng	-0.01
21) Naphthalene-d8	10.621	136	86452	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	62516	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	141903	20.000	ng	# 0.00
76) Chrysene-d12	21.426	240	155272	20.000	ng	0.00
86) Perylene-d12	24.422	264	170865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.427	112	119874	104.162	ng	0.00
7) Phenol-d6	7.007	99	147033	93.257	ng	0.00
23) Nitrobenzene-d5	8.987	82	116263	72.883	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	139578	127.892	ng	0.00
45) 2-Fluorobiphenyl	13.083	172	302265	71.396	ng	0.00
79) Terphenyl-d14	19.822	244	713374	90.568	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.987	70	17696	16.605	ng	# 66
31) Naphthalene	10.668	128	40938	9.070	ng	96
33) 4-Chloroaniline	10.668	127	5213	3.157	ng	# 23
37) 2-Methylnaphthalene	12.283	142	7768	2.279	ng	95
51) 2,6-Dinitrotoluene	14.457	165	8915	8.887	ng	# 21
52) Acenaphthene	14.516	154	7425	2.162	ng	# 88
57) 2,4-Dinitrotoluene	14.457	165	8915	5.821	ng	# 19
67) 4-Bromophenyl-phenylether	15.950	248	9924	5.969	ng	# 1
77) Benzidine	19.822	184	13614	3.349	ng	# 85

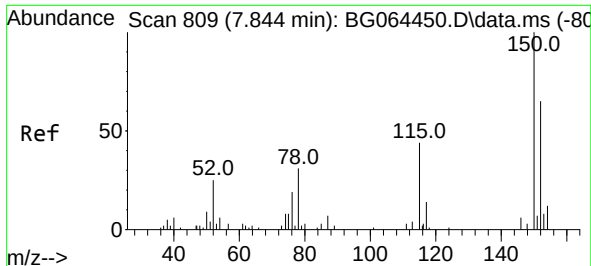
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
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Instrument :
BNA_G
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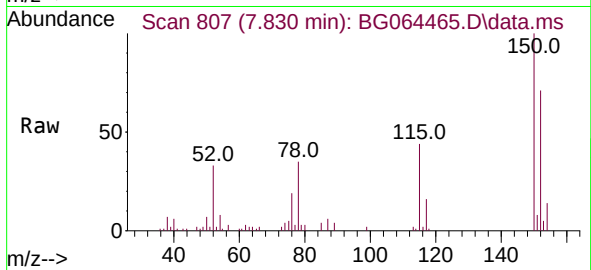
Quant Time: Sep 30 06:56:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
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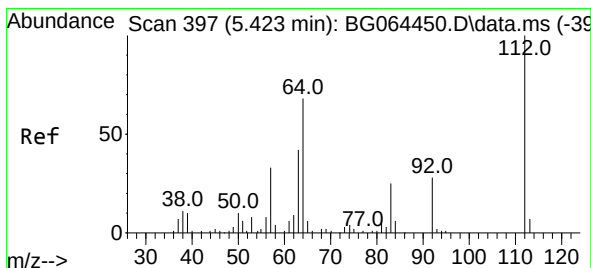
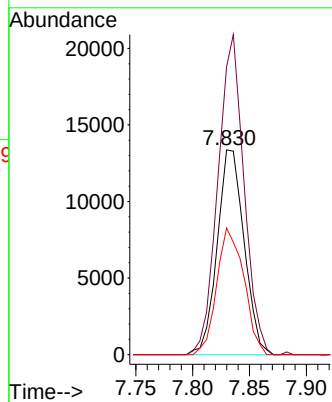
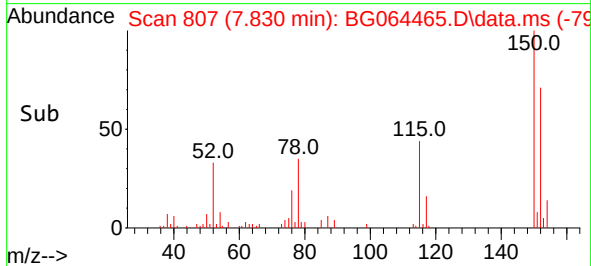


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.830 min Scan# 809
Delta R.T. -0.014 min
Lab File: BG064465.D
Acq: 29 Sep 2025 18:37

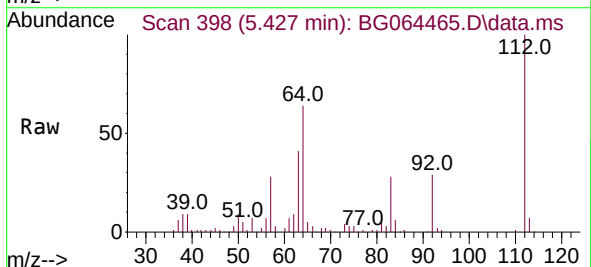
Instrument :
BNA_G
ClientSampleId :
WC-A3-02-C



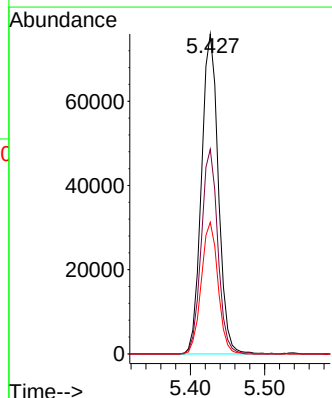
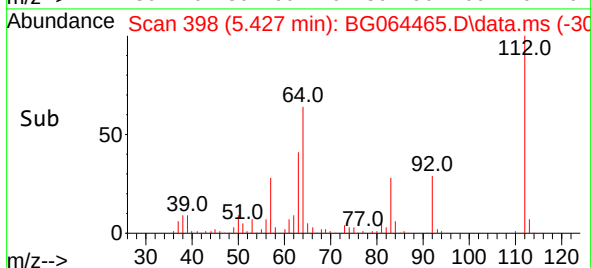
Tgt Ion:152 Resp: 21992
Ion Ratio Lower Upper
152 100
150 140.7 122.9 184.3
115 61.8 54.3 81.5

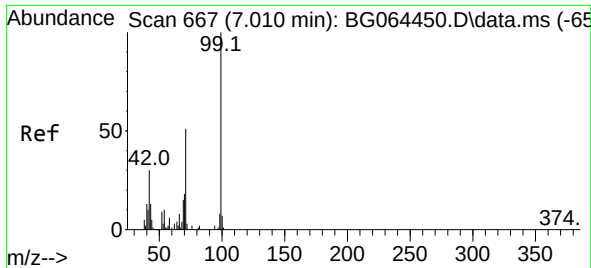


#5
2-Fluorophenol
Concen: 104.162 ng
RT: 5.427 min Scan# 398
Delta R.T. 0.004 min
Lab File: BG064465.D
Acq: 29 Sep 2025 18:37



Tgt Ion:112 Resp: 119874
Ion Ratio Lower Upper
112 100
64 64.0 54.0 81.0
63 41.1 33.8 50.6

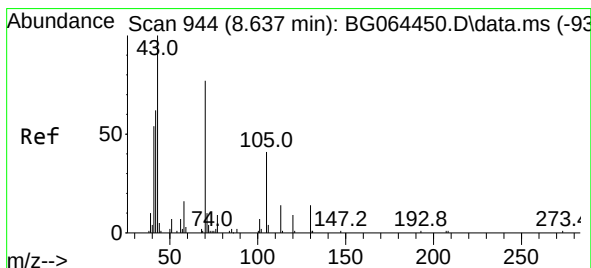
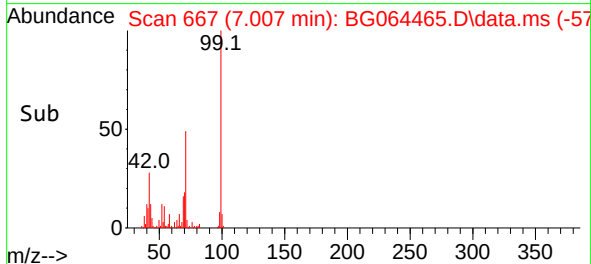
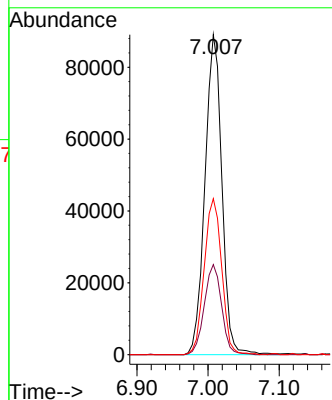
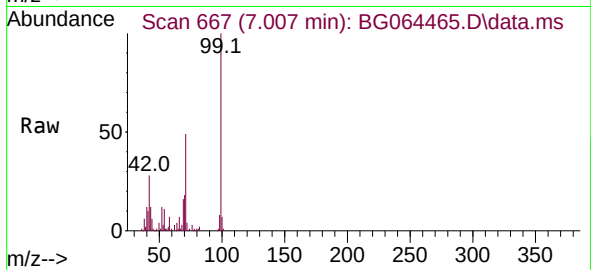




#7
Phenol-d6
Concen: 93.257 ng
RT: 7.007 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG064465.D
Acq: 29 Sep 2025 18:37

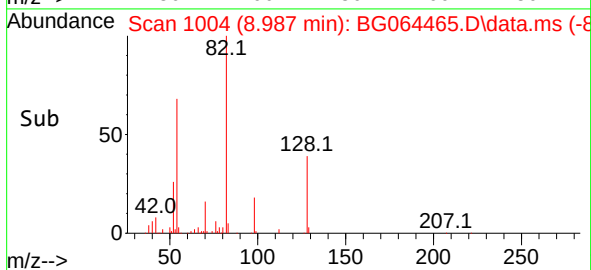
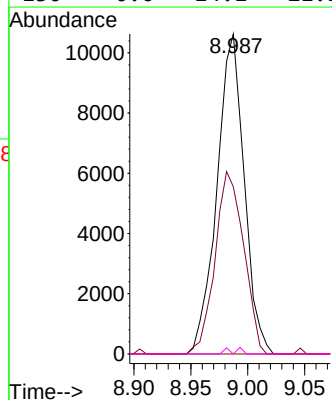
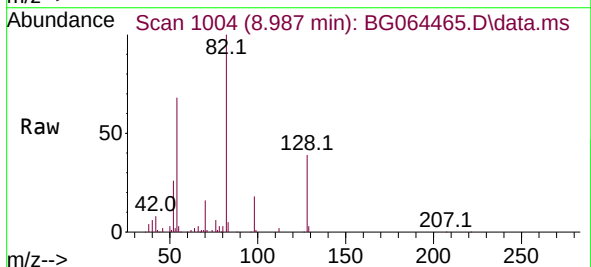
Instrument :
BNA_G
ClientSampleId :
WC-A3-02-C

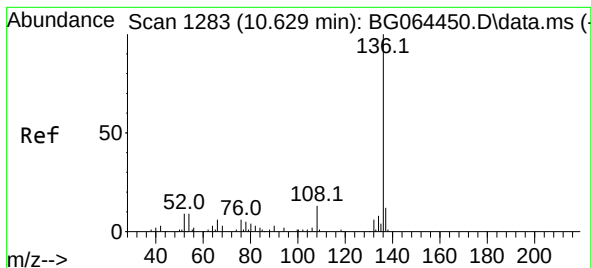
Tgt Ion: 99 Resp: 147033
Ion Ratio Lower Upper
99 100
42 28.1 24.0 36.0
71 48.7 40.5 60.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.605 ng
RT: 8.987 min Scan# 1004
Delta R.T. 0.350 min
Lab File: BG064465.D
Acq: 29 Sep 2025 18:37

Tgt Ion: 70 Resp: 17696
Ion Ratio Lower Upper
70 100
42 52.2 65.6 98.4#
101 0.0 7.7 11.5#
130 0.0 14.1 21.1#

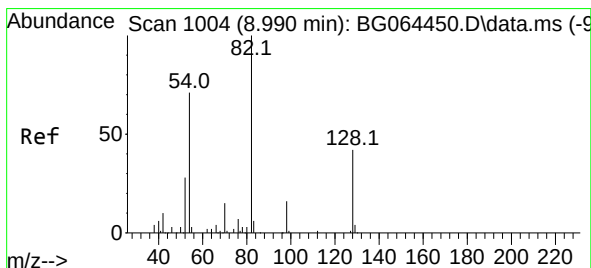
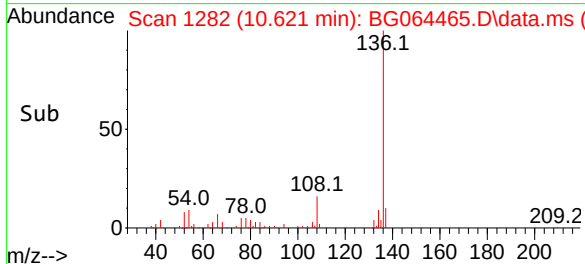
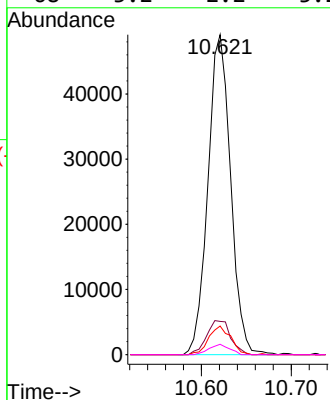
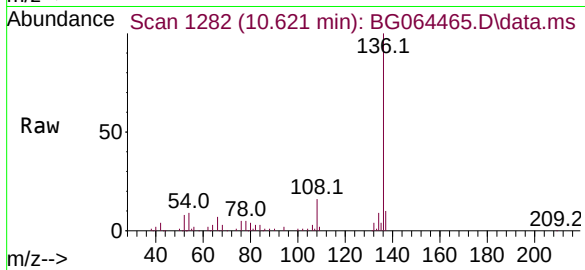




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.621 min Scan# 1282
Delta R.T. -0.008 min
Lab File: BG064465.D
Acq: 29 Sep 2025 18:37

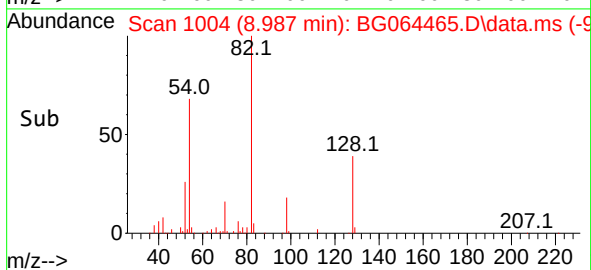
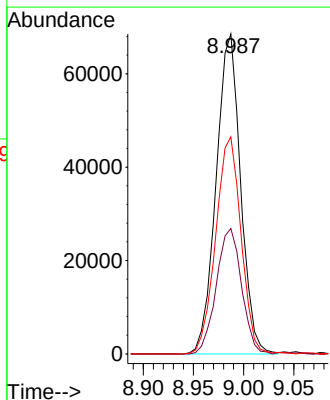
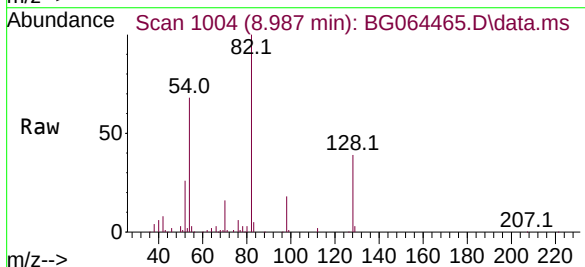
Instrument :
BNA_G
ClientSampleId :
WC-A3-02-C

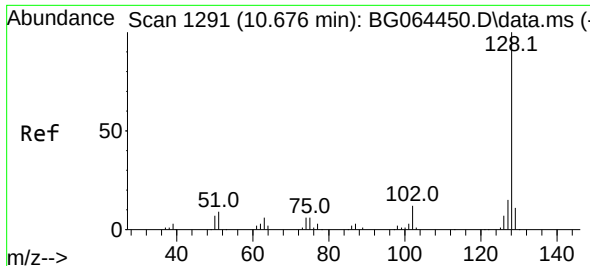
Tgt Ion:	136	Resp:	86452
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.6	14.4
54	8.9	7.4	11.2
68	3.2	2.2	3.2



#23
Nitrobenzene-d5
Concen: 72.883 ng
RT: 8.987 min Scan# 1004
Delta R.T. -0.002 min
Lab File: BG064465.D
Acq: 29 Sep 2025 18:37

Tgt Ion:	82	Resp:	116263
Ion	Ratio	Lower	Upper
82	100		
128	39.2	33.7	50.5
54	67.8	57.0	85.6

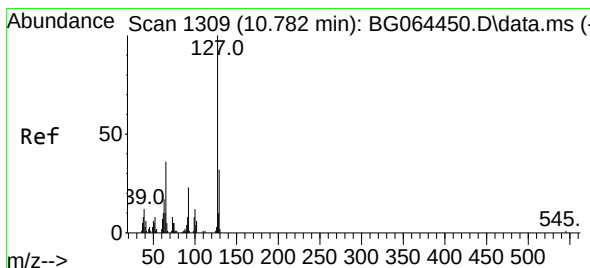
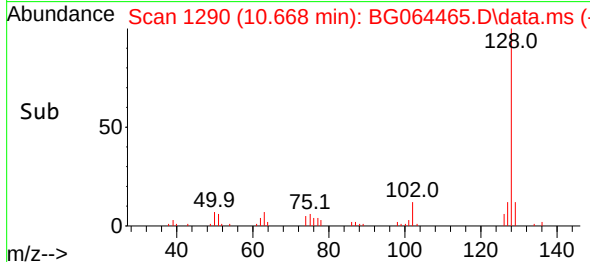
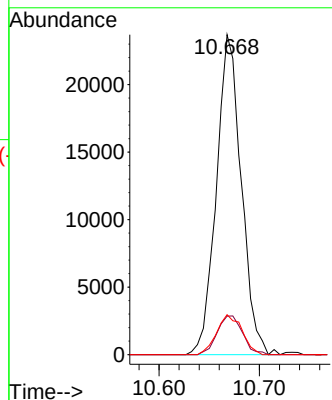
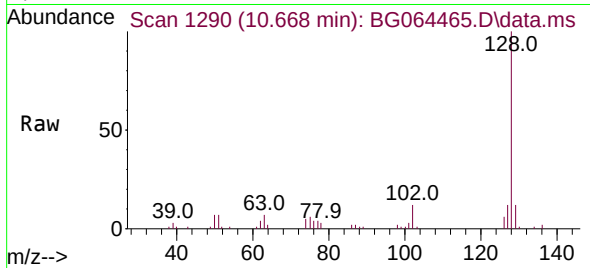




#31
Naphthalene
Concen: 9.070 ng
RT: 10.668 min Scan# 1290
Delta R.T. -0.008 min
Lab File: BG064465.D
Acq: 29 Sep 2025 18:37

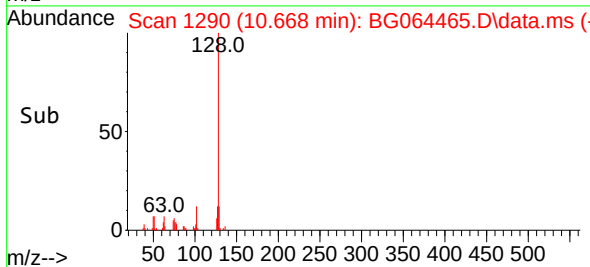
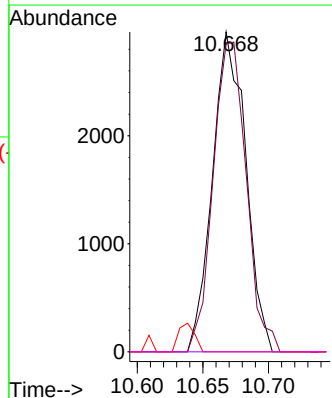
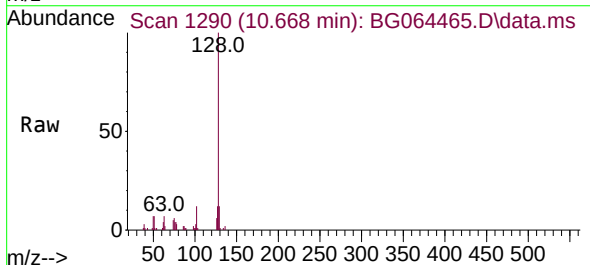
Instrument :
BNA_G
ClientSampleId :
WC-A3-02-C

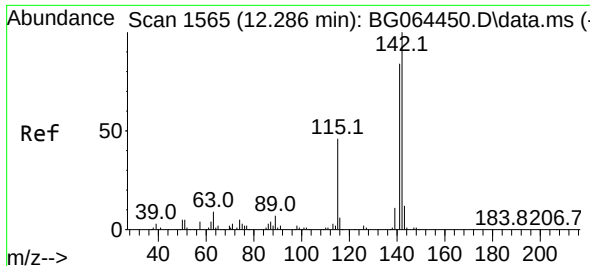
Tgt Ion:128 Resp: 40938
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 12.5 12.1 18.1



#33
4-Chloroaniline
Concen: 3.157 ng
RT: 10.668 min Scan# 1290
Delta R.T. -0.114 min
Lab File: BG064465.D
Acq: 29 Sep 2025 18:37

Tgt Ion:127 Resp: 5213
Ion Ratio Lower Upper
127 100
129 96.2 25.7 38.5#
65 0.0 28.6 43.0#
92 0.0 18.7 28.1#

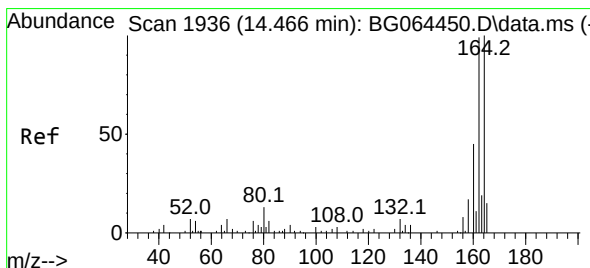
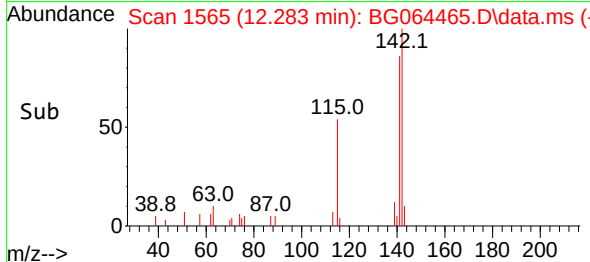
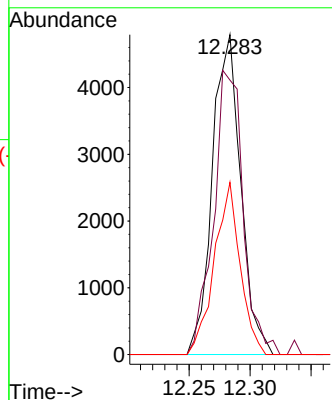
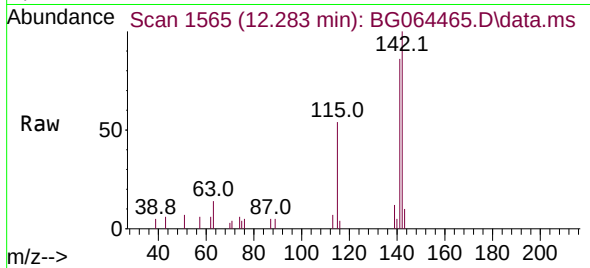




#37
2-Methylnaphthalene
Concen: 2.279 ng
RT: 12.283 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG064465.D
Acq: 29 Sep 2025 18:37

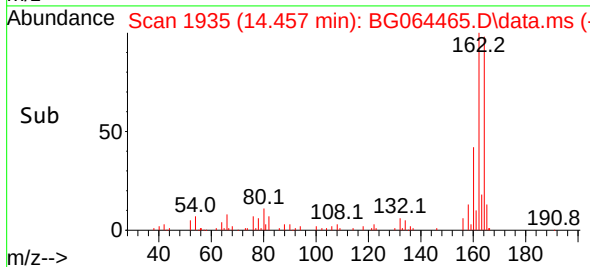
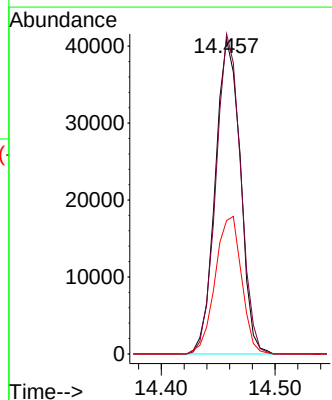
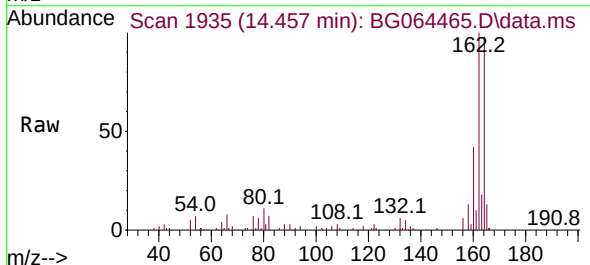
Instrument :
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ClientSampleId :
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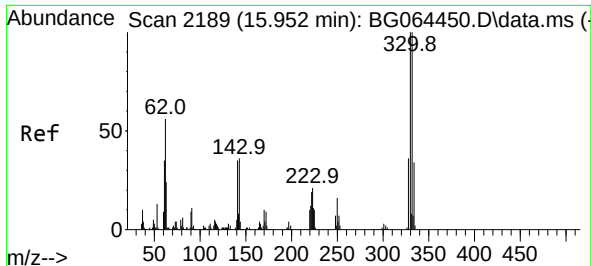
Tgt Ion:	142	Resp:	7768
Ion Ratio	Lower	Upper	
142	100		
141	85.8	67.3	100.9
115	53.8	37.0	55.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.008 min
Lab File: BG064465.D
Acq: 29 Sep 2025 18:37

Tgt Ion:	164	Resp:	62516
Ion Ratio	Lower	Upper	
164	100		
162	101.8	79.0	118.4
160	42.4	36.3	54.5

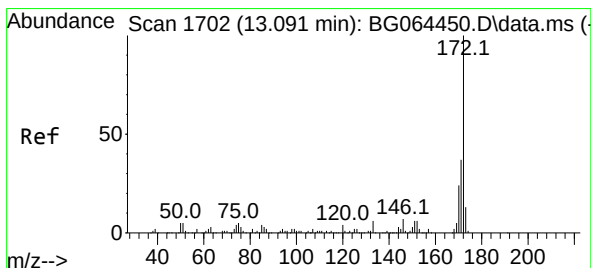
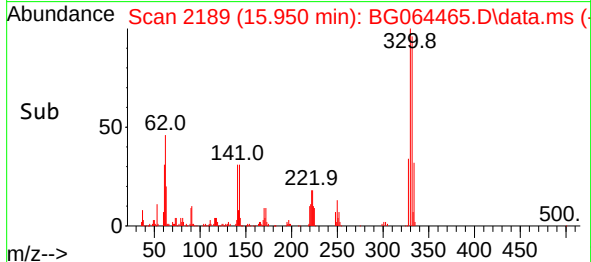
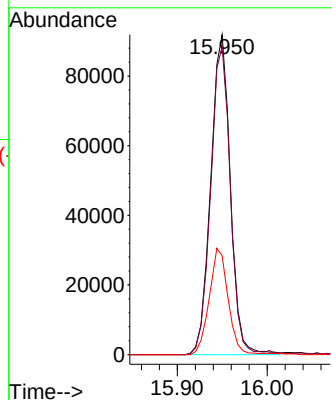
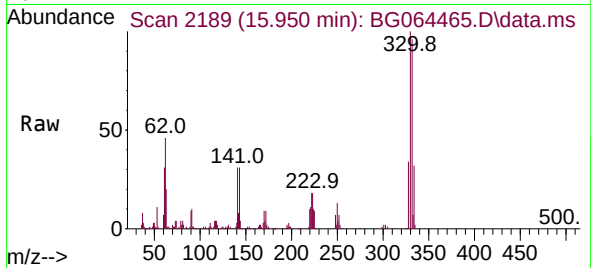




#42
2,4,6-Tribromophenol
Concen: 127.892 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.002 min
Lab File: BG064465.D
Acq: 29 Sep 2025 18:37

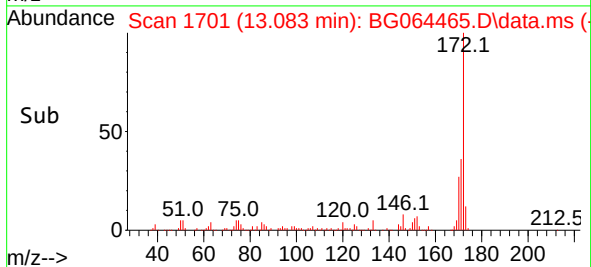
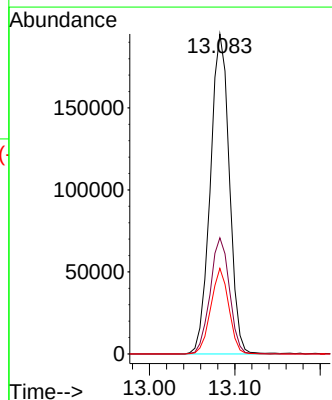
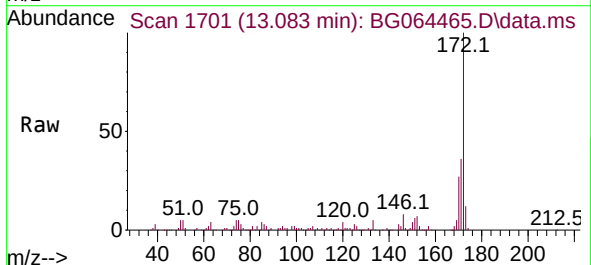
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ClientSampleId :
WC-A3-02-C

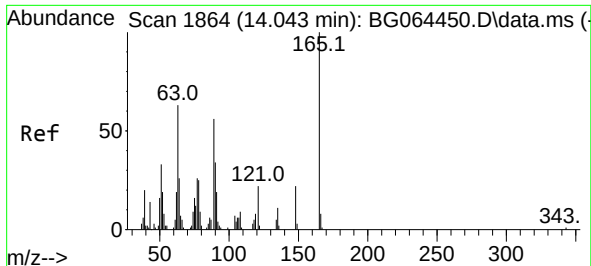
Tgt Ion:330 Resp: 139578
Ion Ratio Lower Upper
330 100
332 96.6 78.8 118.2
141 32.3 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 71.396 ng
RT: 13.083 min Scan# 1701
Delta R.T. -0.008 min
Lab File: BG064465.D
Acq: 29 Sep 2025 18:37

Tgt Ion:172 Resp: 302265
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.2
170 26.7 18.9 28.3

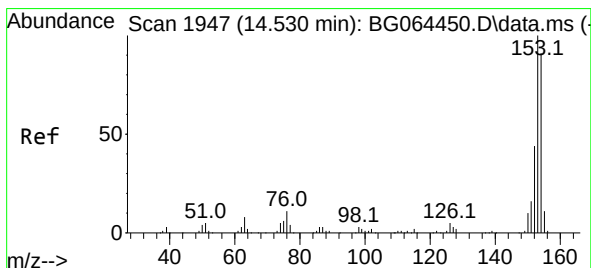
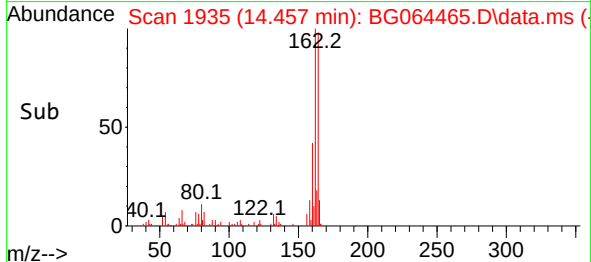
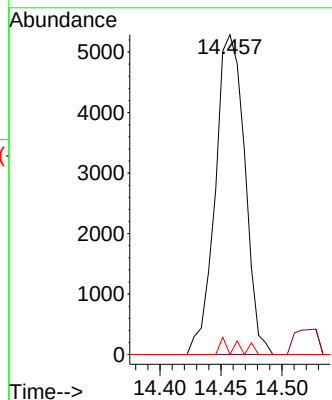
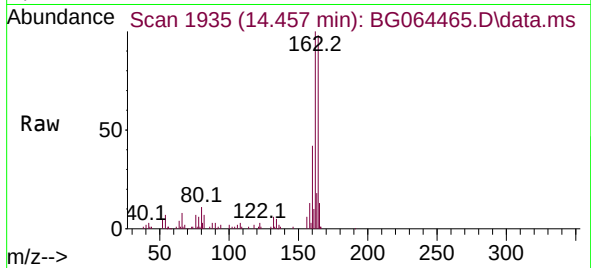




#51
2,6-Dinitrotoluene
Concen: 8.887 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.415 min
Lab File: BG064465.D
Acq: 29 Sep 2025 18:37

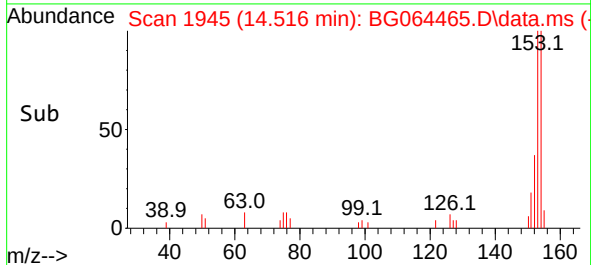
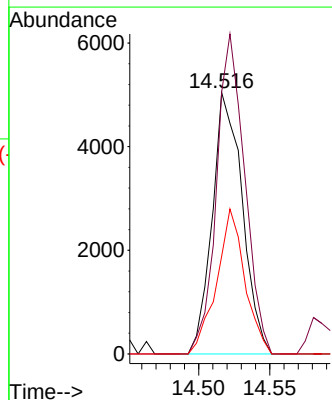
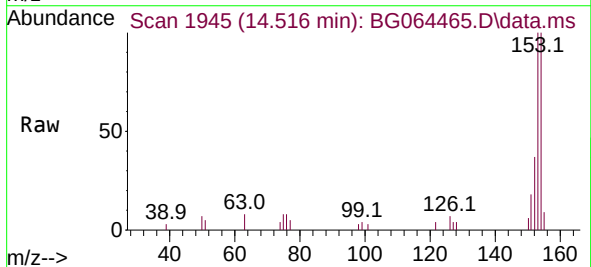
Instrument :
BNA_G
ClientSampleId :
WC-A3-02-C

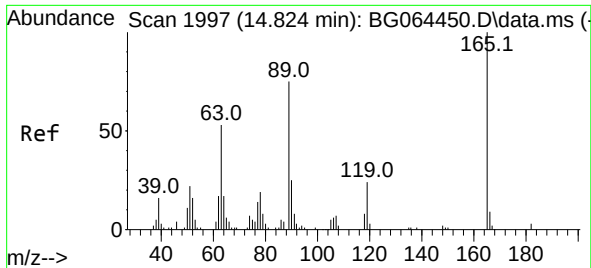
Tgt Ion:165 Resp: 8915
Ion Ratio Lower Upper
165 100
63 0.0 50.6 75.8#
89 0.0 44.6 67.0#



#52
Acenaphthene
Concen: 2.162 ng
RT: 14.516 min Scan# 1945
Delta R.T. -0.014 min
Lab File: BG064465.D
Acq: 29 Sep 2025 18:37

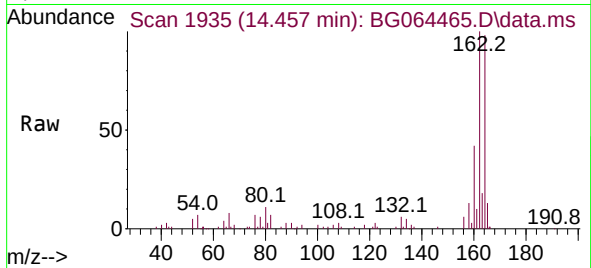
Tgt Ion:154 Resp: 7425
Ion Ratio Lower Upper
154 100
153 100.0 88.1 132.1
152 37.3 39.0 58.4#



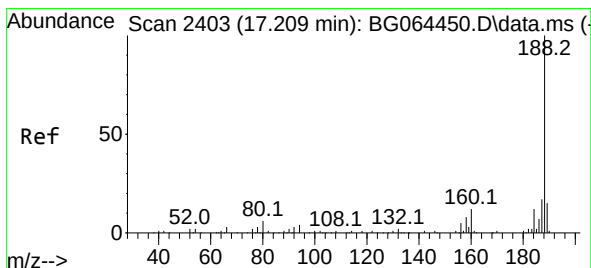
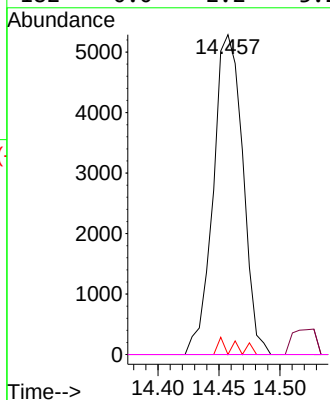
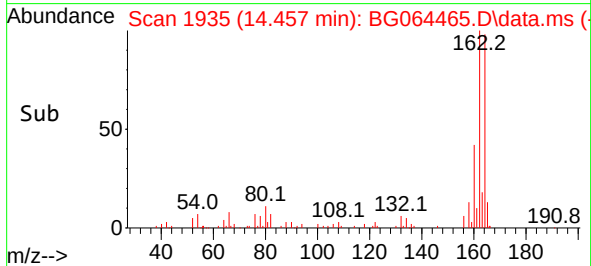


#57
2,4-Dinitrotoluene
Concen: 5.821 ng
RT: 14.457 min Scan# 1997
Delta R.T. -0.367 min
Lab File: BG064465.D
Acq: 29 Sep 2025 18:37

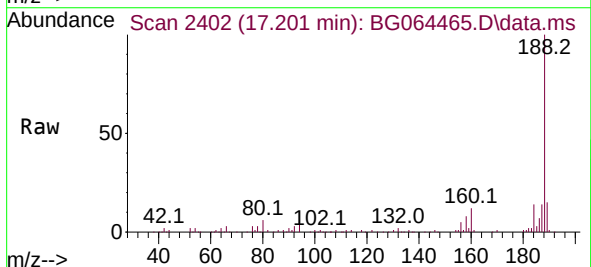
Instrument :
BNA_G
ClientSampleId :
WC-A3-02-C



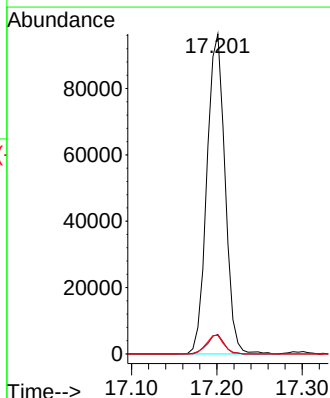
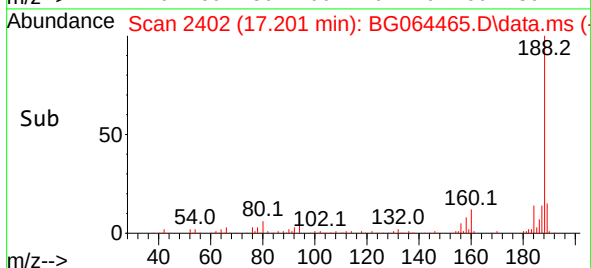
Tgt Ion:165 Resp: 8915
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 59.7 89.5#
182 0.0 2.2 3.2#

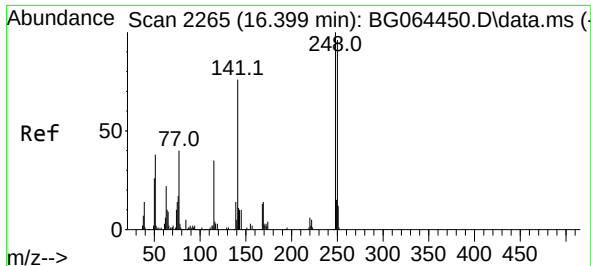


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.008 min
Lab File: BG064465.D
Acq: 29 Sep 2025 18:37



Tgt Ion:188 Resp: 141903
Ion Ratio Lower Upper
188 100
94 6.1 3.0 4.4#
80 5.8 4.9 7.3

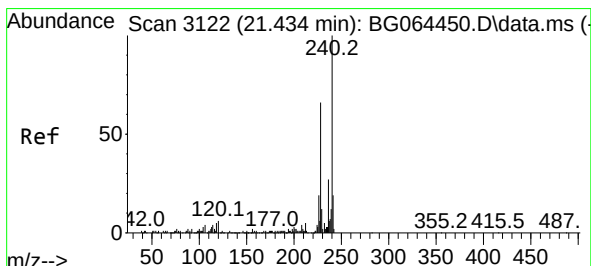
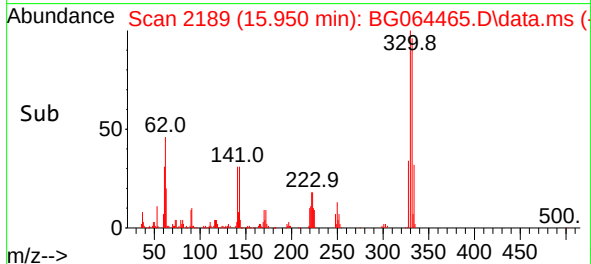
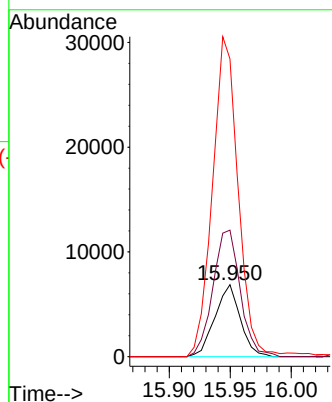
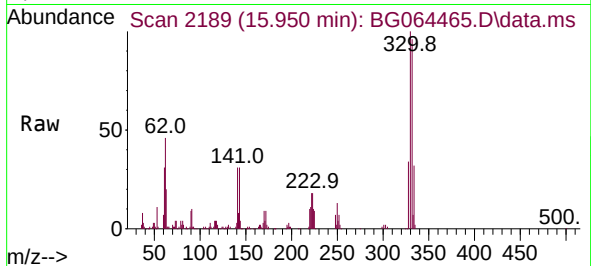




#67
4-Bromophenyl-phenylether
Concen: 5.969 ng
RT: 15.950 min Scan# 2119
Delta R.T. -0.449 min
Lab File: BG064465.D
Acq: 29 Sep 2025 18:37

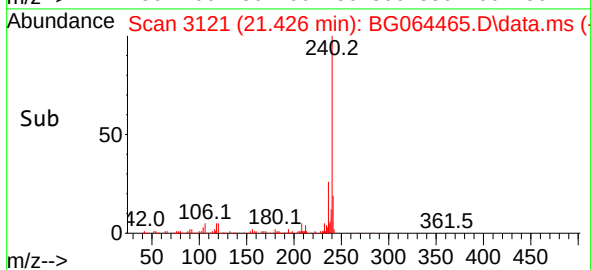
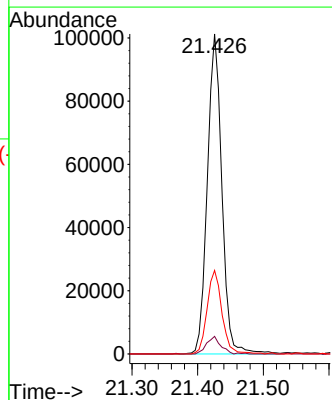
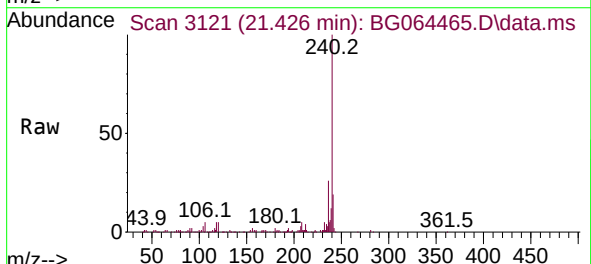
Instrument :
BNA_G
ClientSampleId :
WC-A3-02-C

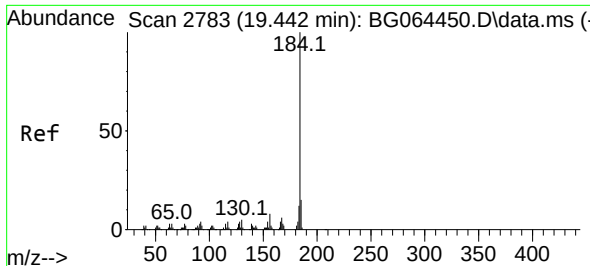
Tgt Ion:248 Resp: 9924
Ion Ratio Lower Upper
248 100
250 176.0 77.0 115.6#
141 414.2 61.1 91.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.426 min Scan# 3121
Delta R.T. -0.008 min
Lab File: BG064465.D
Acq: 29 Sep 2025 18:37

Tgt Ion:240 Resp: 155272
Ion Ratio Lower Upper
240 100
120 5.5 5.0 7.4
236 26.1 21.9 32.9

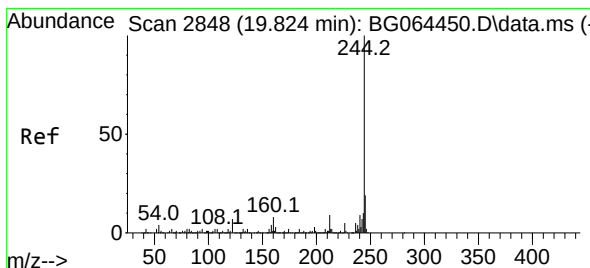
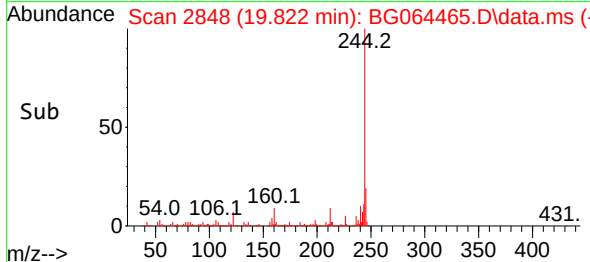
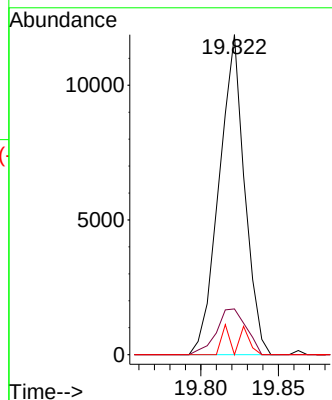
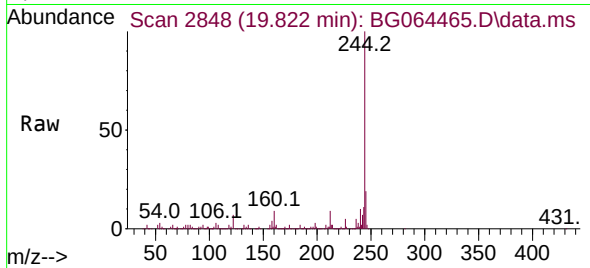




#77
Benzidine
Concen: 3.349 ng
RT: 19.822 min Scan# 2848
Delta R.T. 0.380 min
Lab File: BG064465.D
Acq: 29 Sep 2025 18:37

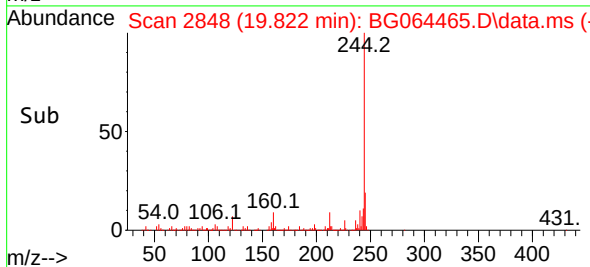
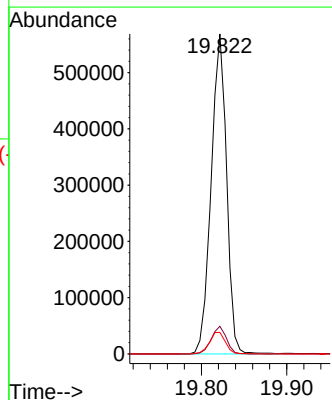
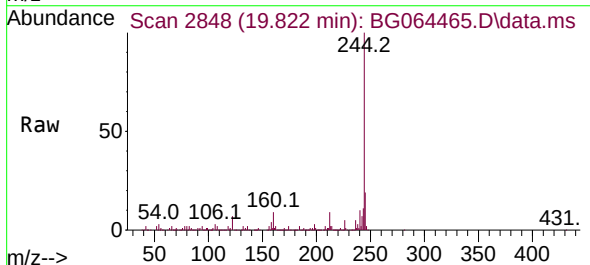
Instrument :
BNA_G
ClientSampleId :
WC-A3-02-C

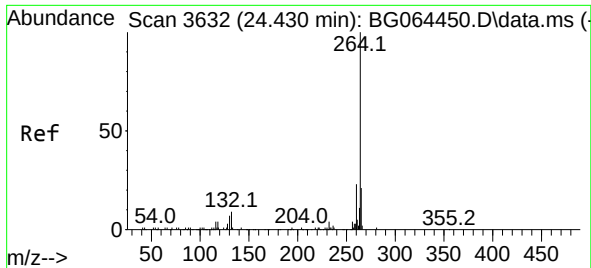
Tgt Ion:184 Resp: 13614
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 0.0 10.0 15.0#



#79
Terphenyl-d14
Concen: 90.568 ng
RT: 19.822 min Scan# 2848
Delta R.T. -0.002 min
Lab File: BG064465.D
Acq: 29 Sep 2025 18:37

Tgt Ion:244 Resp: 713374
Ion Ratio Lower Upper
244 100
212 8.6 7.2 10.8
122 6.7 5.7 8.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.422 min Scan# 30

Delta R.T. -0.008 min

Lab File: BG064465.D

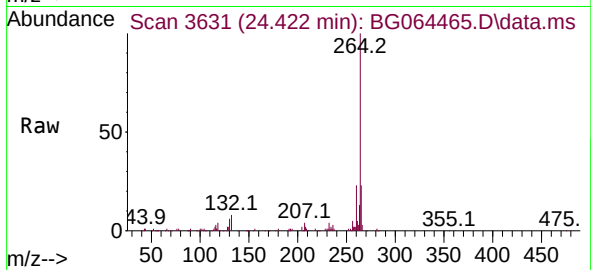
Acq: 29 Sep 2025 18:37

Instrument :

BNA_G

ClientSampleId :

WC-A3-02-C



Tgt Ion:264 Resp: 170865

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 23.2 16.7 25.1

