

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
 Data File : BG064795.D
 Acq On : 17 Nov 2025 22:09
 Operator : RC/JU
 Sample : Q3649-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B3-0.0-0.5-20251114

Quant Time: Nov 18 00:24:35 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)

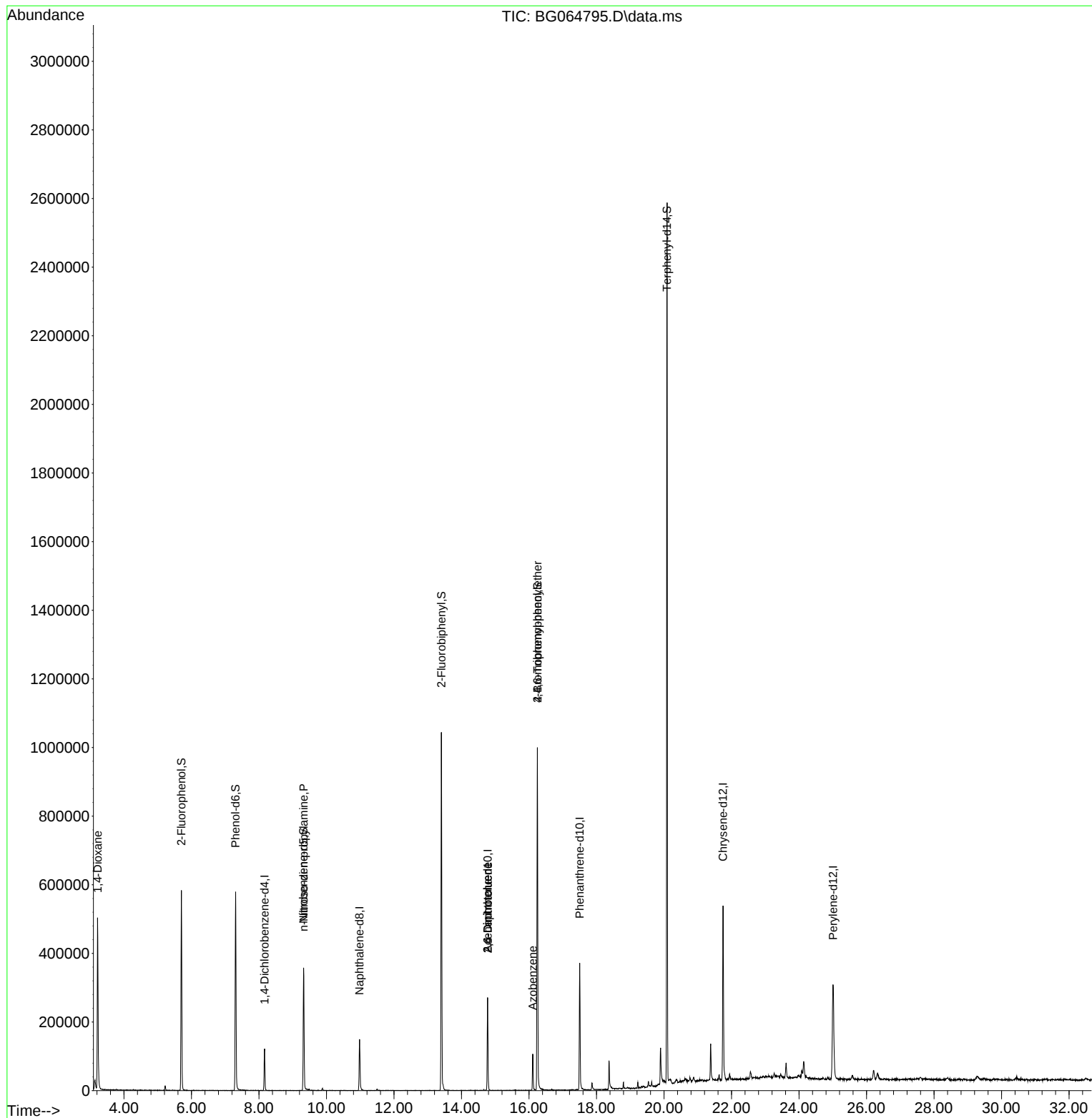
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	36122	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	135327	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	107446	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	269264	20.000	ng	0.00
76) Chrysene-d12	21.748	240	355916	20.000	ng	0.00
86) Perylene-d12	25.009	264	358460	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	250174	120.940	ng	0.00
7) Phenol-d6	7.306	99	331319	120.422	ng	0.00
23) Nitrobenzene-d5	9.322	82	212928	77.795	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	258052	123.144	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	599039	77.794	ng	0.00
79) Terphenyl-d14	20.092	244	1431969	79.143	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.223	88	4726	5.901	ng	# 1
19) n-Nitroso-di-n-propyla...	9.328	70	27625	14.850	ng	# 67
51) 2,6-Dinitrotoluene	14.774	165	14049	8.602	ng	# 23
57) 2,4-Dinitrotoluene	14.774	165	14049	5.738	ng	# 26
63) Azobenzene	16.114	77	31230	4.618	ng	# 1
67) 4-Bromophenyl-phenylether	16.249	248	15654	4.427	ng	# 1

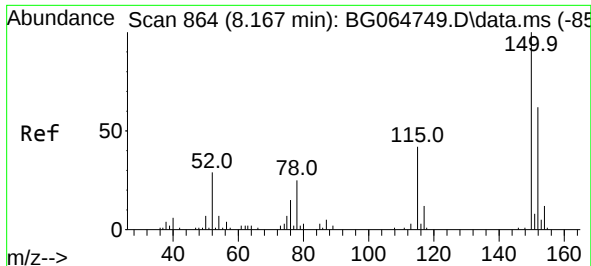
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B3-0.0-0.5-20251114

Quant Time: Nov 18 00:24:35 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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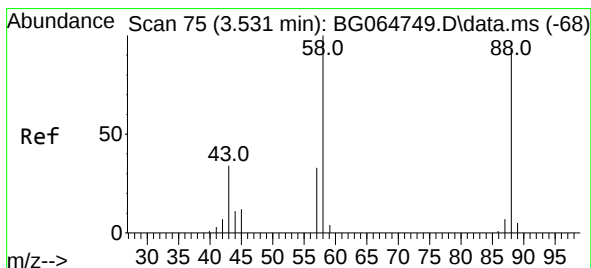
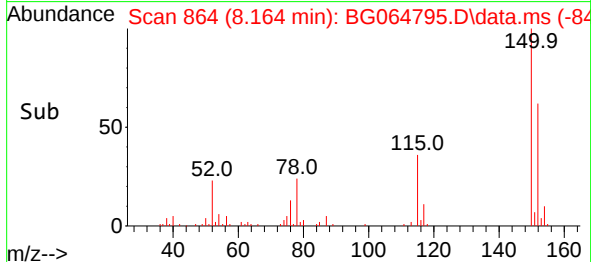
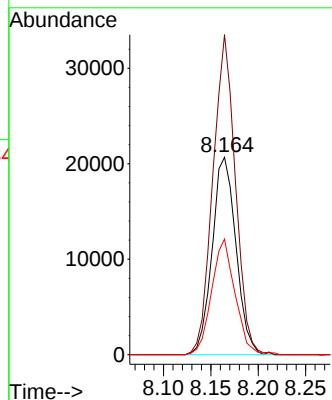
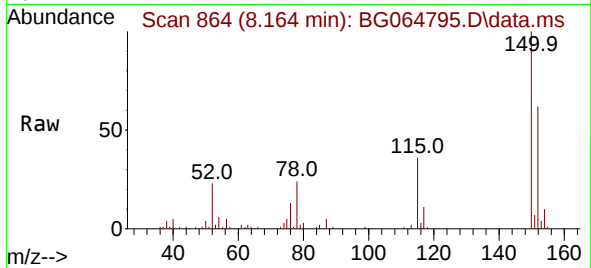




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.164 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: BG064795.D
 Acq: 17 Nov 2025 22:09

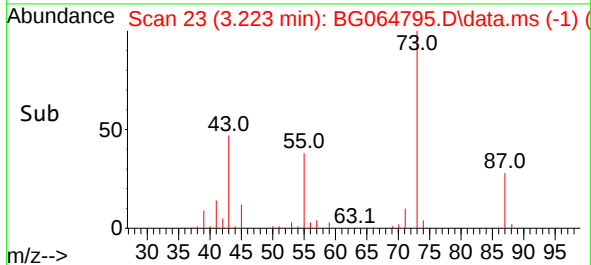
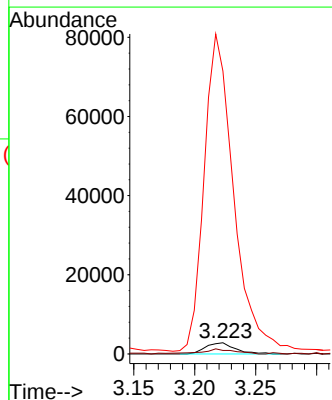
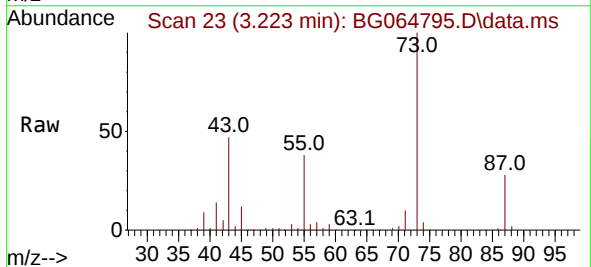
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 B3-0.0-0.5-20251114

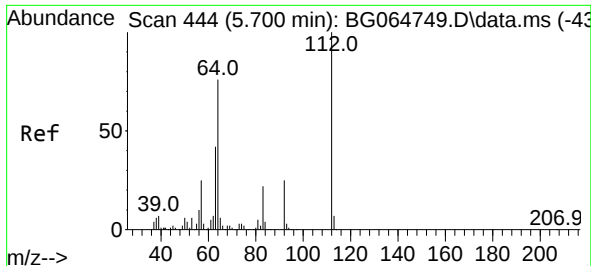
Tgt Ion:152 Resp: 36122
 Ion Ratio Lower Upper
 152 100
 150 162.0 129.2 193.8
 115 58.6 53.7 80.5



#2
 1,4-Dioxane
 Concen: 5.901 ng
 RT: 3.223 min Scan# 23
 Delta R.T. -0.308 min
 Lab File: BG064795.D
 Acq: 17 Nov 2025 22:09

Tgt Ion: 88 Resp: 4726
 Ion Ratio Lower Upper
 88 100
 58 52.1 84.6 126.8#
 43 2884.9 30.0 45.0#

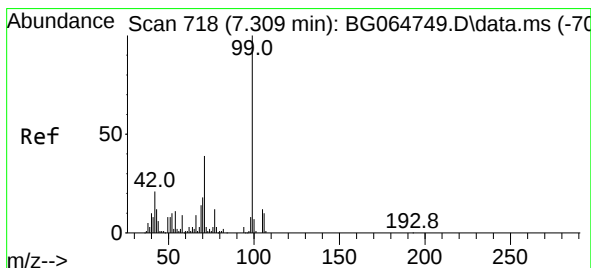
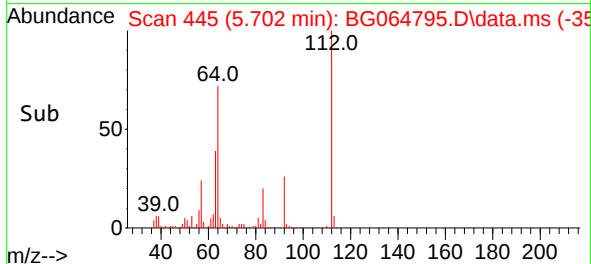
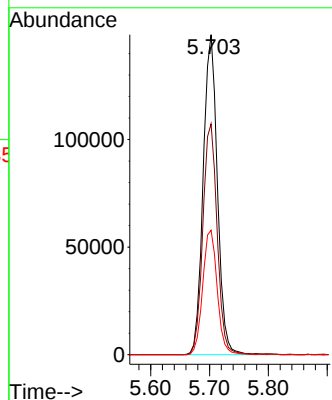
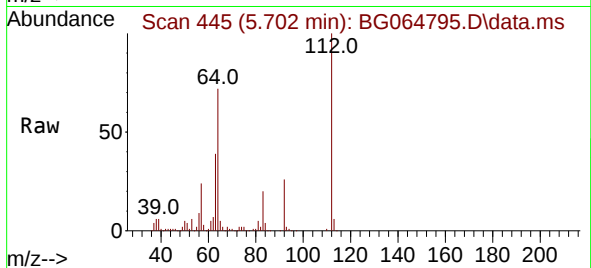




#5
2-Fluorophenol
Concen: 120.940 ng
RT: 5.702 min Scan# 444
Delta R.T. 0.003 min
Lab File: BG064795.D
Acq: 17 Nov 2025 22:09

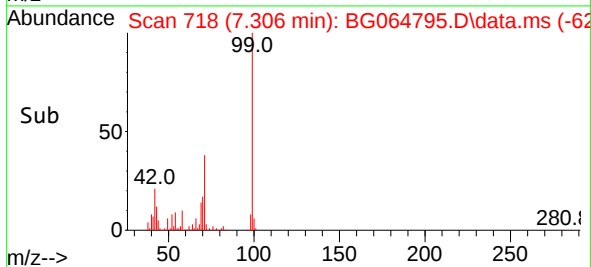
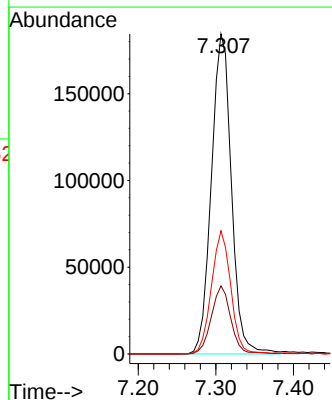
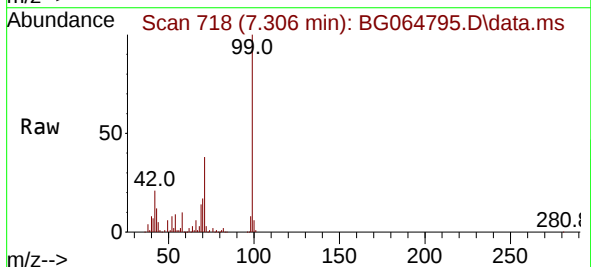
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114

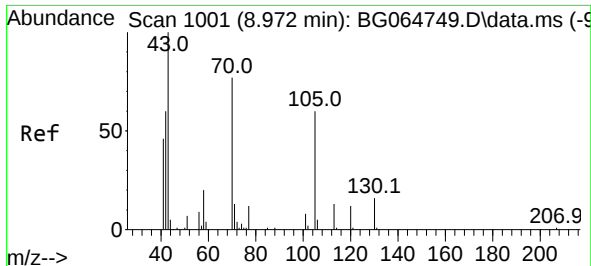
Tgt Ion:	112	Resp:	250174
Ion	Ratio	Lower	Upper
112	100		
64	72.2	61.0	91.4
63	38.9	33.3	49.9



#7
Phenol-d6
Concen: 120.422 ng
RT: 7.306 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG064795.D
Acq: 17 Nov 2025 22:09

Tgt Ion:	99	Resp:	331319
Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.8	25.2
71	38.5	31.1	46.7

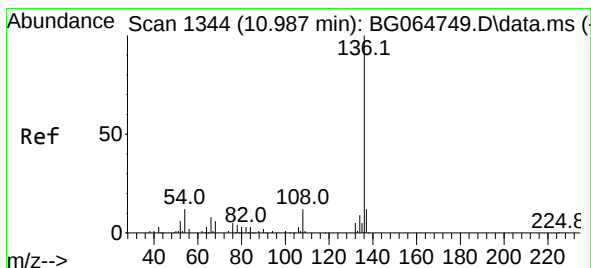
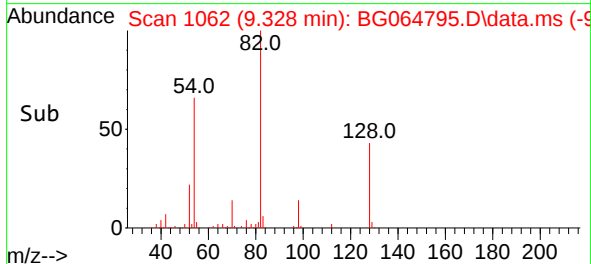
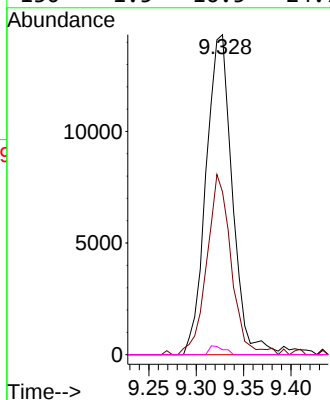
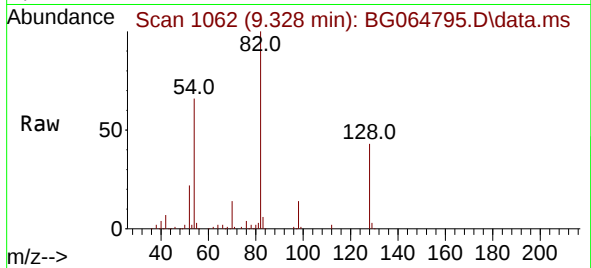




#19
n-Nitroso-di-n-propylamine
Concen: 14.850 ng
RT: 9.328 min Scan# 1062
Delta R.T. 0.355 min
Lab File: BG064795.D
Acq: 17 Nov 2025 22:09

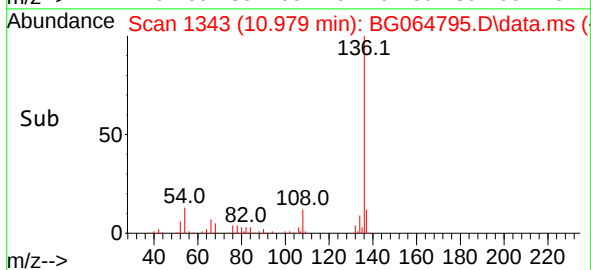
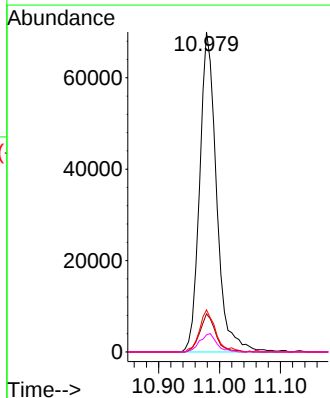
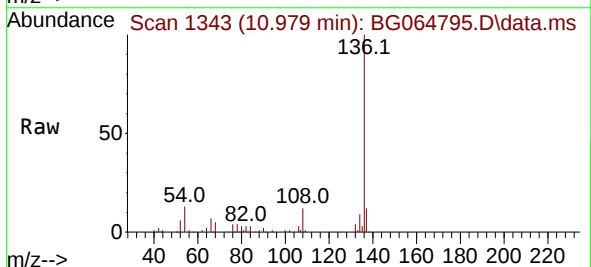
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114

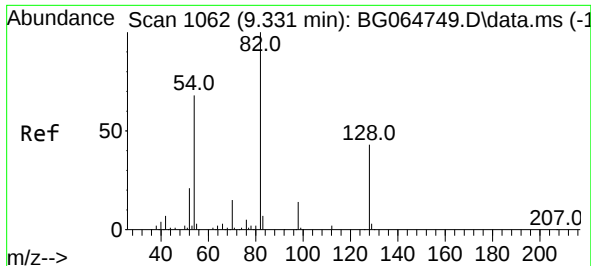
Tgt Ion:	70	Resp:	27625
Ion	Ratio	Lower	Upper
70	100		
42	50.8	62.6	93.8#
101	0.0	8.0	12.0#
130	1.5	16.5	24.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG064795.D
Acq: 17 Nov 2025 22:09

Tgt Ion:	136	Resp:	135327
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	13.2	9.3	13.9
68	5.3	5.0	7.6

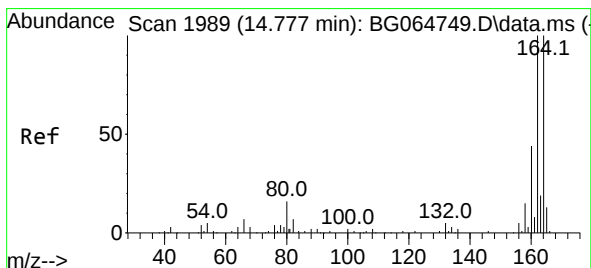
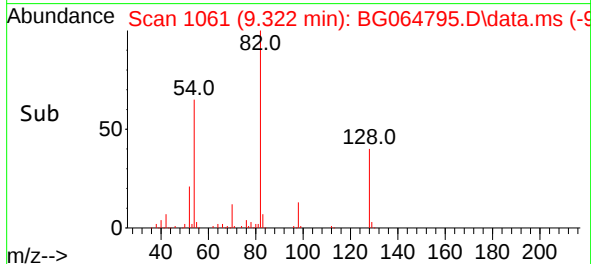
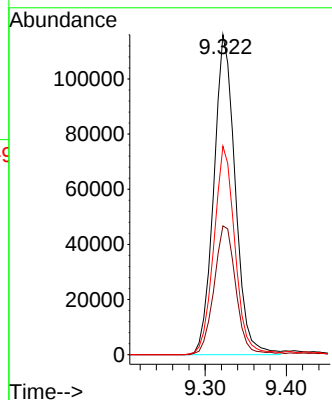
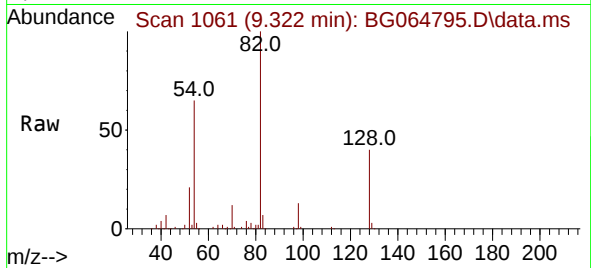




#23
Nitrobenzene-d5
Concen: 77.795 ng
RT: 9.322 min Scan# 1061
Delta R.T. -0.009 min
Lab File: BG064795.D
Acq: 17 Nov 2025 22:09

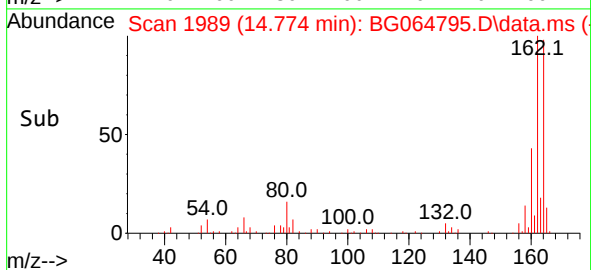
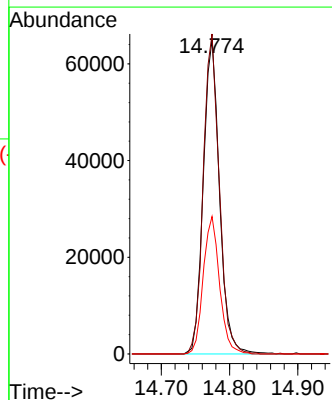
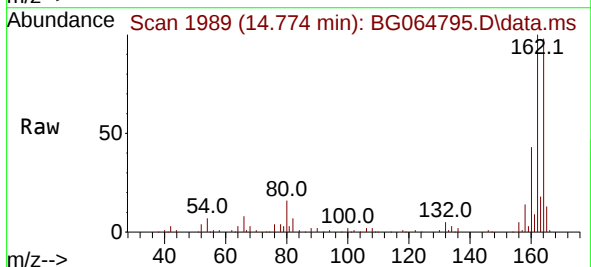
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114

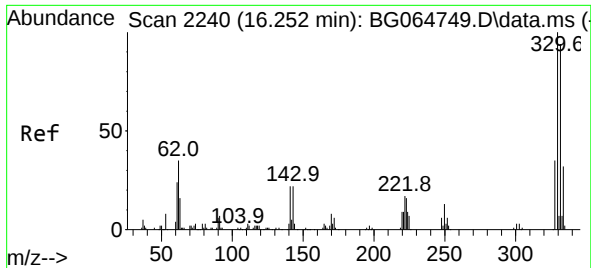
Tgt Ion: 82 Resp: 212928
Ion Ratio Lower Upper
82 100
128 40.3 34.1 51.1
54 65.2 54.3 81.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1989
Delta R.T. -0.003 min
Lab File: BG064795.D
Acq: 17 Nov 2025 22:09

Tgt Ion:164 Resp: 107446
Ion Ratio Lower Upper
164 100
162 101.9 79.8 119.6
160 43.8 34.9 52.3

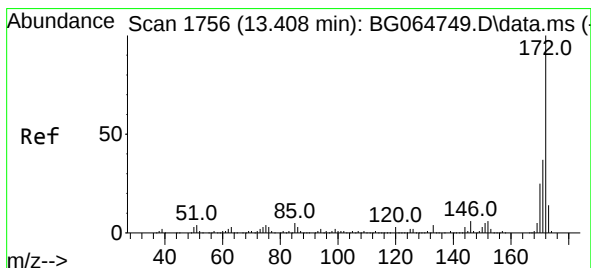
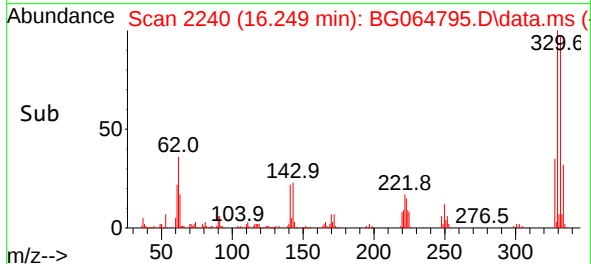
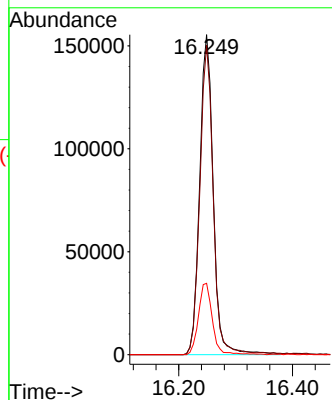
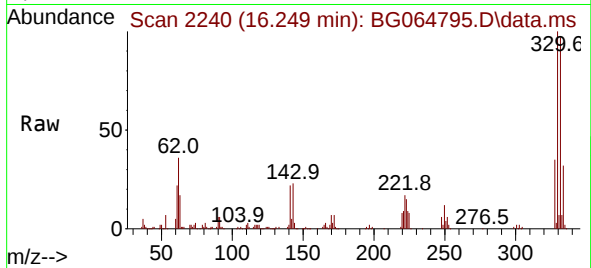




#42
 2,4,6-Tribromophenol
 Concen: 123.144 ng
 RT: 16.249 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG064795.D
 Acq: 17 Nov 2025 22:09

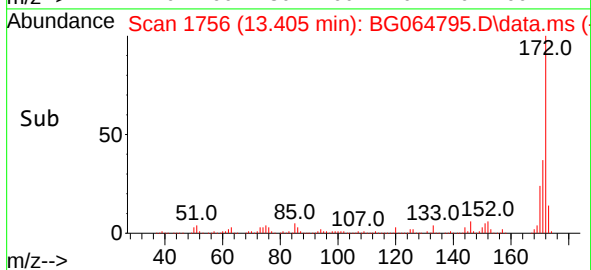
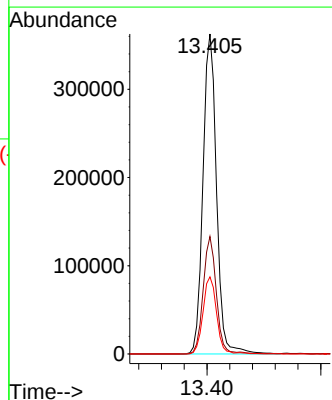
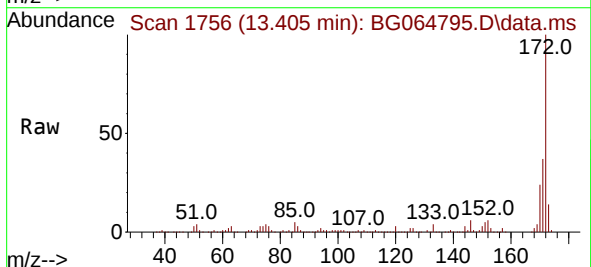
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 B3-0.0-0.5-20251114

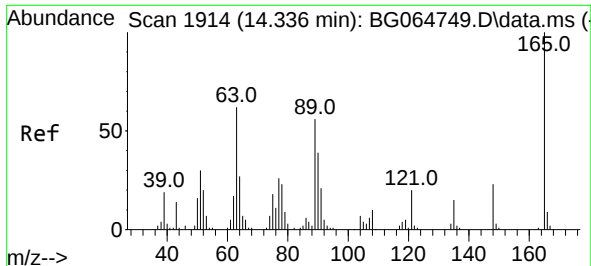
Tgt Ion:330 Resp: 258052
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 22.8 18.2 27.2



#45
 2-Fluorobiphenyl
 Concen: 77.794 ng
 RT: 13.405 min Scan# 1756
 Delta R.T. -0.003 min
 Lab File: BG064795.D
 Acq: 17 Nov 2025 22:09

Tgt Ion:172 Resp: 599039
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.9 44.9
 170 24.1 19.8 29.6

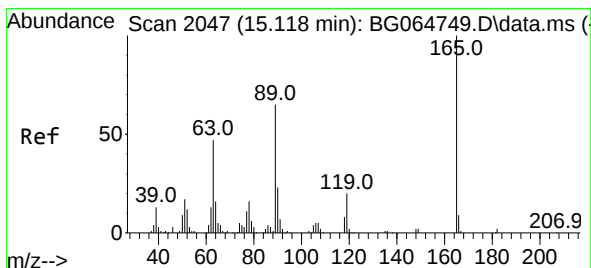
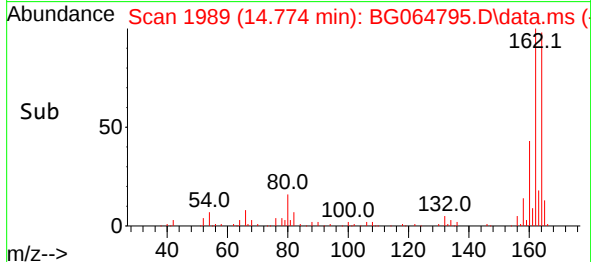
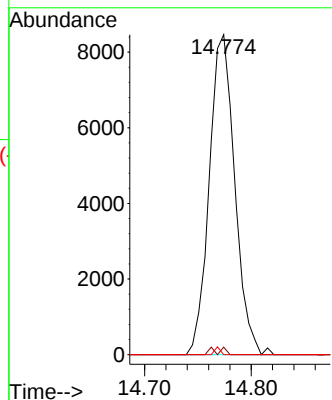
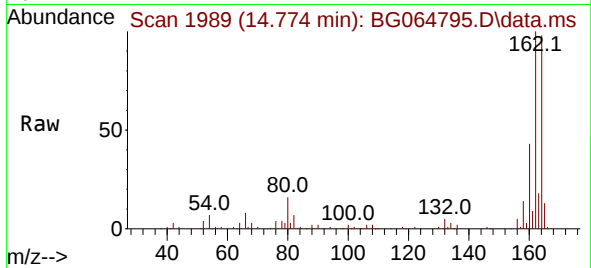




#51
2,6-Dinitrotoluene
Concen: 8.602 ng
RT: 14.774 min Scan# 1914
Delta R.T. 0.438 min
Lab File: BG064795.D
Acq: 17 Nov 2025 22:09

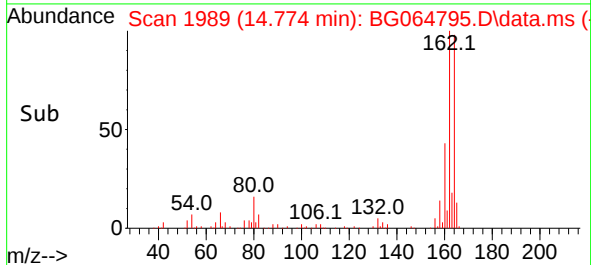
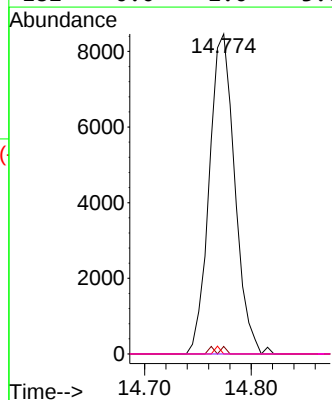
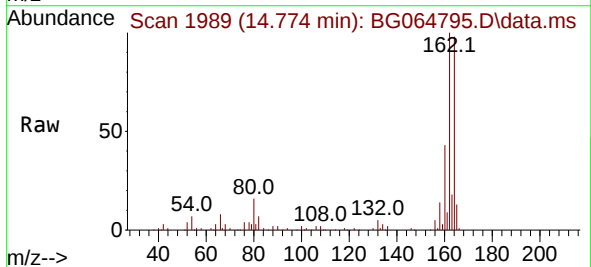
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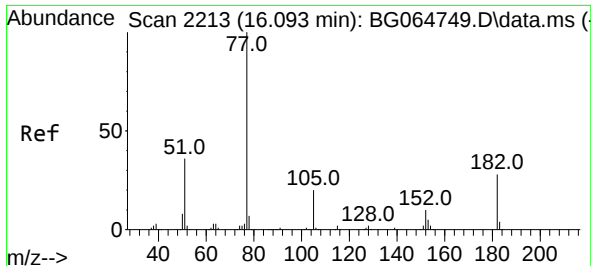
Tgt Ion:165 Resp: 14049
Ion Ratio Lower Upper
165 100
63 2.3 49.8 74.8#
89 0.0 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 5.738 ng
RT: 14.774 min Scan# 1989
Delta R.T. -0.344 min
Lab File: BG064795.D
Acq: 17 Nov 2025 22:09

Tgt Ion:165 Resp: 14049
Ion Ratio Lower Upper
165 100
63 2.3 37.8 56.6#
89 0.0 51.6 77.4#
182 0.0 2.0 3.0#

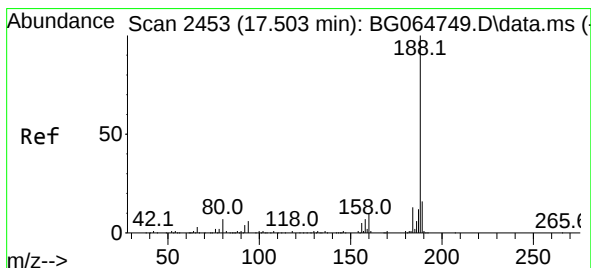
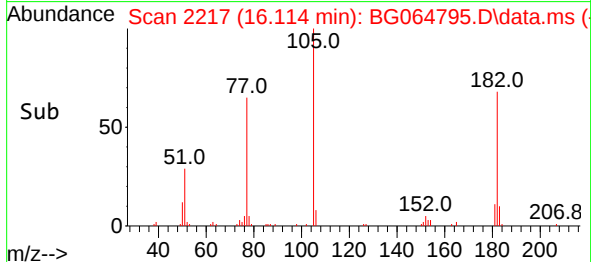
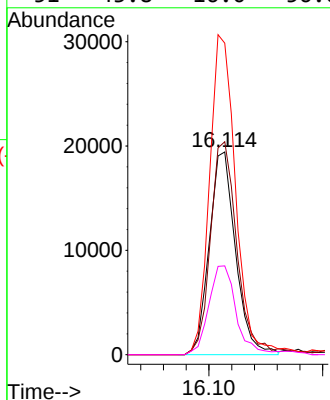
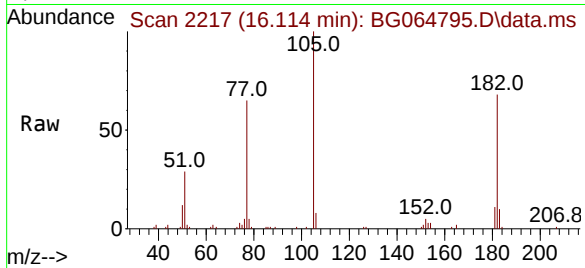




#63
Azobenzene
Concen: 4.618 ng
RT: 16.114 min Scan# 21
Delta R.T. 0.021 min
Lab File: BG064795.D
Acq: 17 Nov 2025 22:09

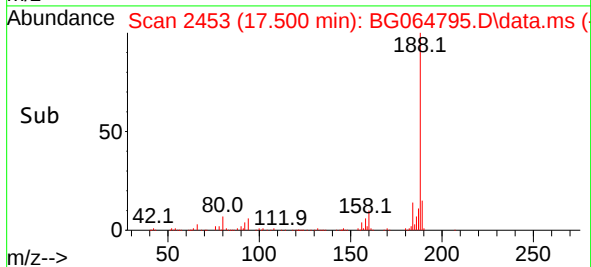
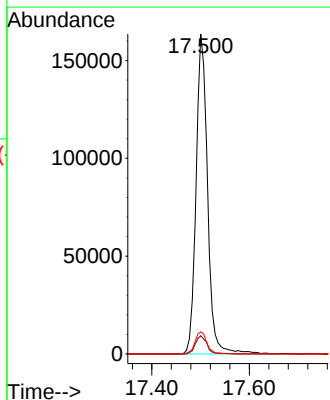
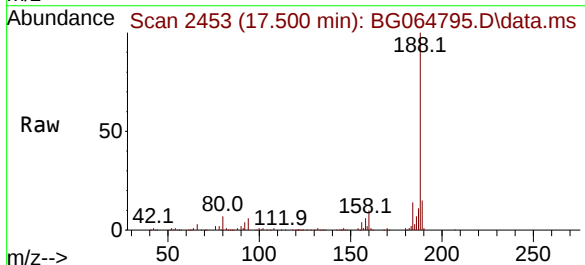
Instrument :
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B3-0.0-0.5-20251114

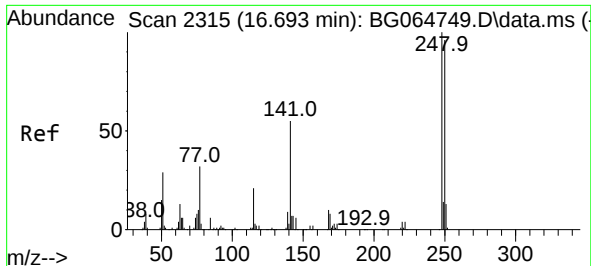
Tgt Ion: 77	Resp: 31230
Ion Ratio	Lower Upper
77 100	
182 105.1	8.1 48.1#
105 153.7	0.1 40.1#
51 43.8	16.0 56.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BG064795.D
Acq: 17 Nov 2025 22:09

Tgt Ion: 188	Resp: 269264
Ion Ratio	Lower Upper
188 100	
94 5.7	4.7 7.1
80 6.9	5.4 8.2

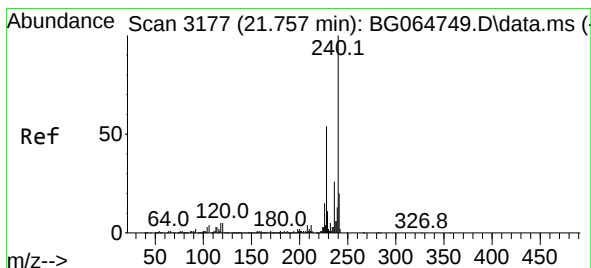
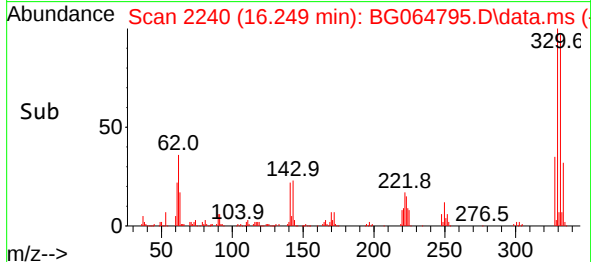
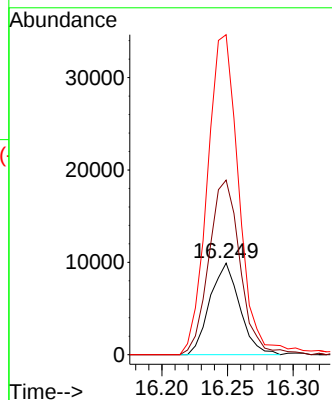
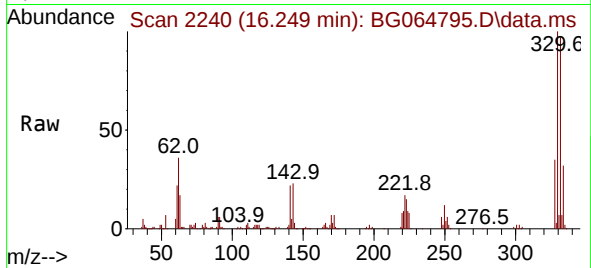




#67
4-Bromophenyl-phenylether
Concen: 4.427 ng
RT: 16.249 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG064795.D
Acq: 17 Nov 2025 22:09

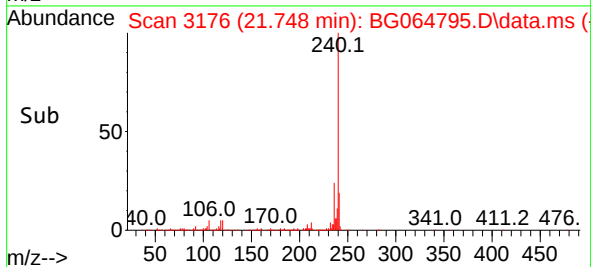
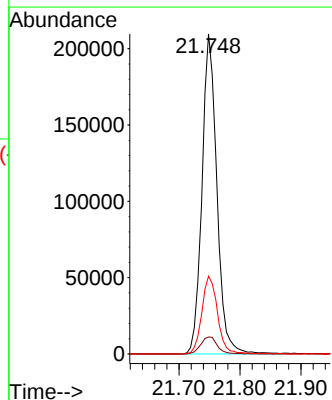
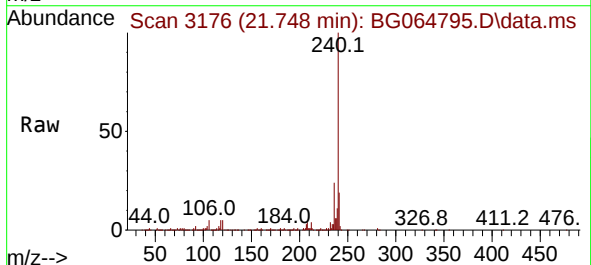
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114

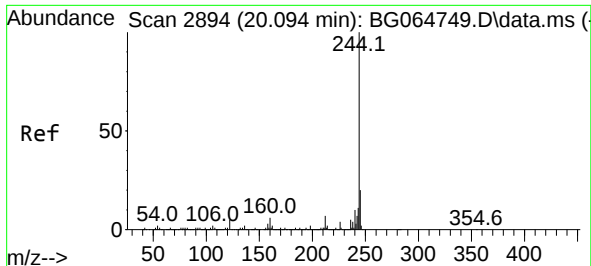
Tgt Ion:248 Resp: 15654
Ion Ratio Lower Upper
248 100
250 192.8 77.0 115.6#
141 274.0 43.7 65.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.748 min Scan# 3176
Delta R.T. -0.009 min
Lab File: BG064795.D
Acq: 17 Nov 2025 22:09

Tgt Ion:240 Resp: 355916
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.4
236 24.3 20.8 31.2

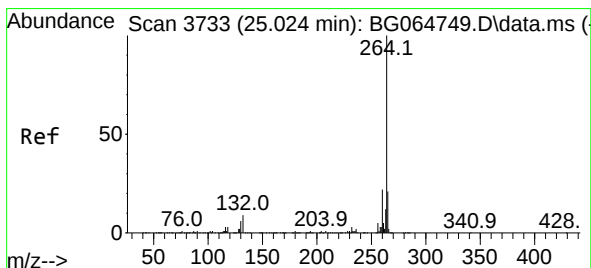
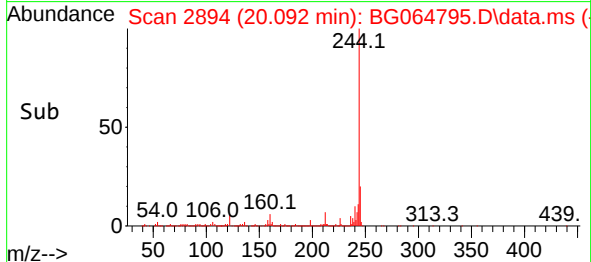
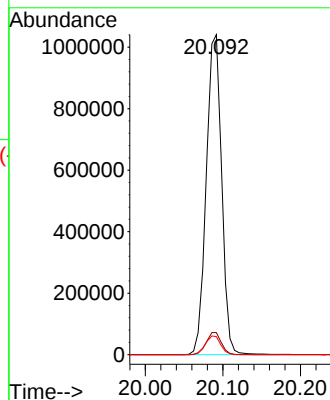
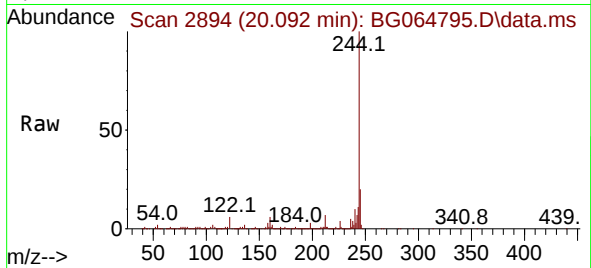




#79
 Terphenyl-d14
 Concen: 79.143 ng
 RT: 20.092 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG064795.D
 Acq: 17 Nov 2025 22:09

Instrument :
 BNA_G
 ClientSampleId :
 B3-0.0-0.5-20251114

Tgt Ion:244 Resp: 1431969
 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: 25.009 min Scan# 3731
 Delta R.T. -0.015 min
 Lab File: BG064795.D
 Acq: 17 Nov 2025 22:09

Tgt Ion:264 Resp: 358460
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.2 25.8
 265 20.9 16.6 25.0

