

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112025\
 Data File : BG064831.D
 Acq On : 20 Nov 2025 12:57
 Operator : RC/JU
 Sample : Q3664-05
 Misc : LOQ-WATER-5ng
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 291399

Quant Time: Nov 20 13:36:00 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)

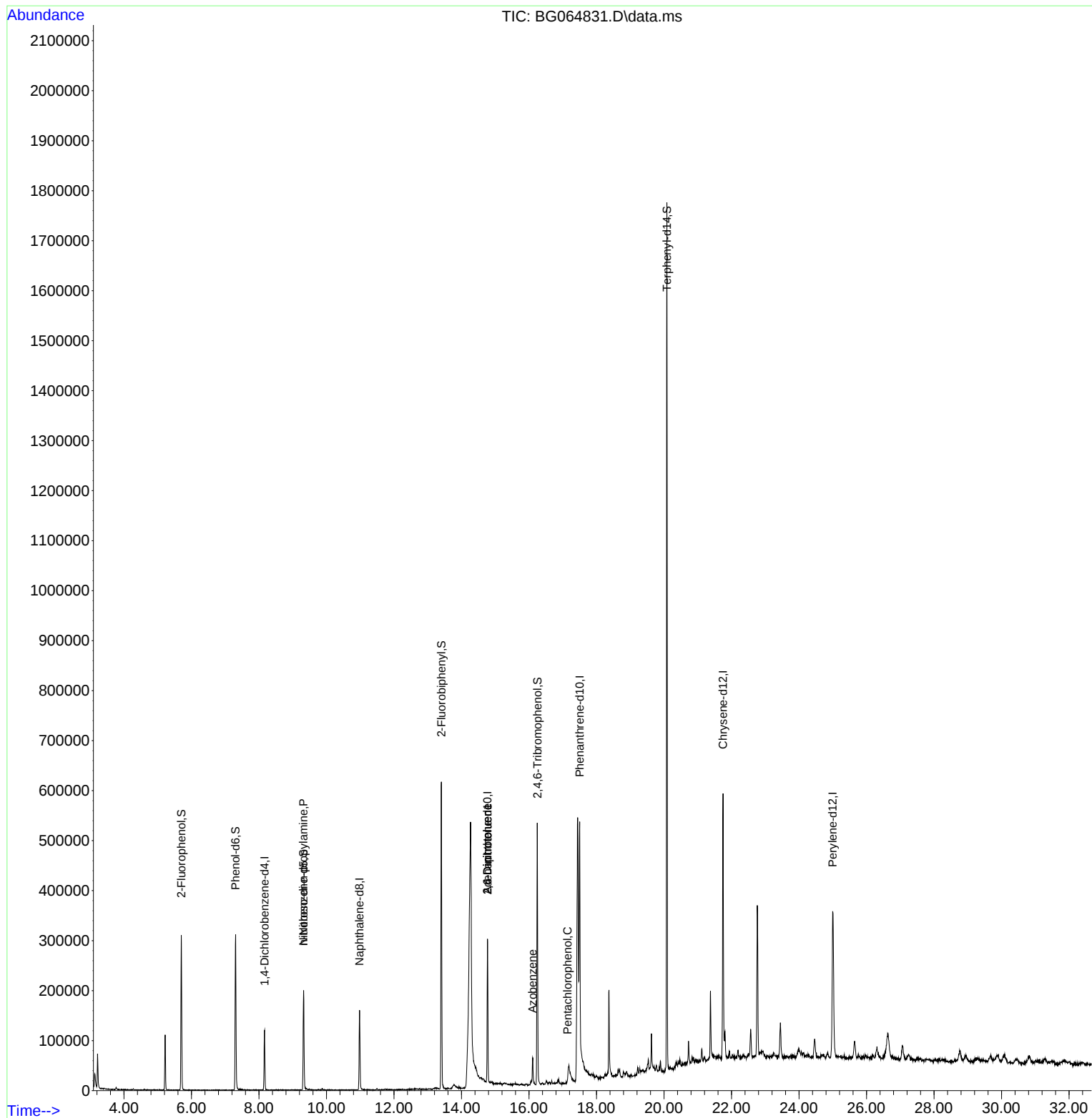
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	36486	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	139664	20.000	ng	0.00
39) Acenaphthene-d10	14.768	164	112486	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	287333	20.000	ng	0.00
76) Chrysene-d12	21.748	240	353060	20.000	ng	0.00
86) Perylene-d12	24.997	264	365194	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	132181	63.262	ng	0.00
7) Phenol-d6	7.306	99	187613	67.510	ng	0.00
23) Nitrobenzene-d5	9.322	82	119336	42.246	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	129040	58.820	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	356238	44.190	ng	0.00
79) Terphenyl-d14	20.086	244	891427	49.666	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.322	70	16108	8.572	ng	# 64
51) 2,6-Dinitrotoluene	14.768	165	14495	8.478	ng	# 21
57) 2,4-Dinitrotoluene	14.768	165	14495	5.655	ng	# 24
63) Azobenzene	16.108	77	15761	2.226	ng	# 1
70) Pentachlorophenol	17.142	266	55	6.162	ng	# 16

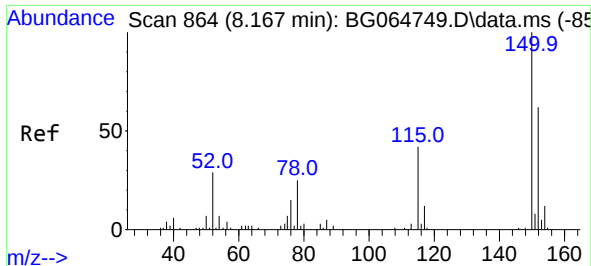
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112025\
Data File : BG064831.D
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Sample : Q3664-05
Misc : LOQ-WATER-5ng
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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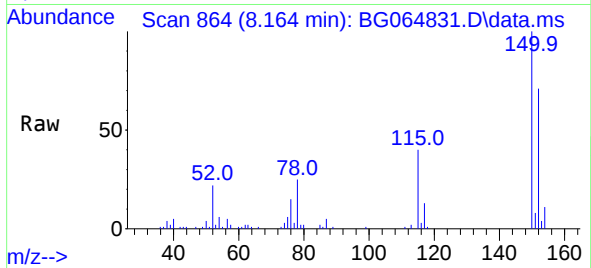
Quant Time: Nov 20 13:36:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration



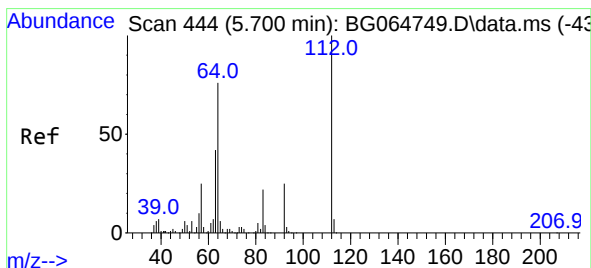
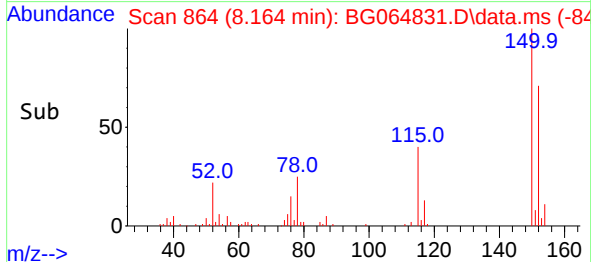
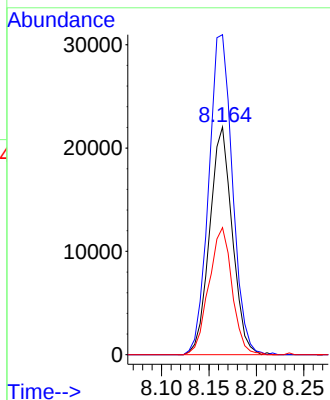


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

Instrument :
BNA_G
ClientSampleId :
291399

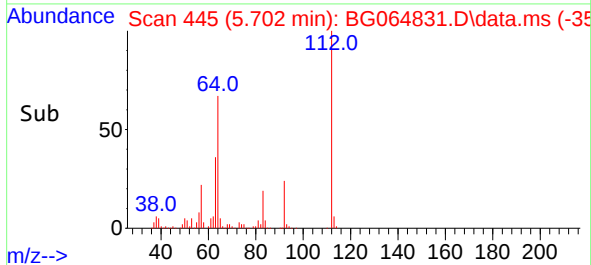
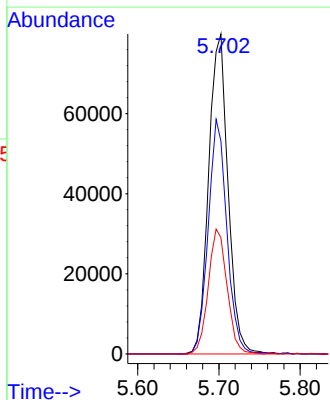
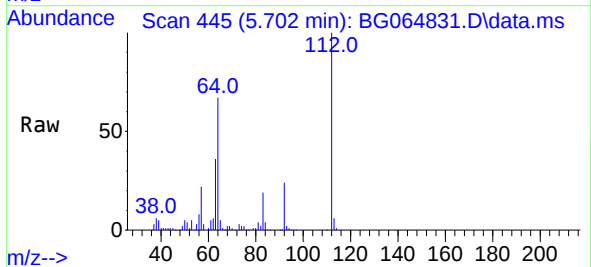


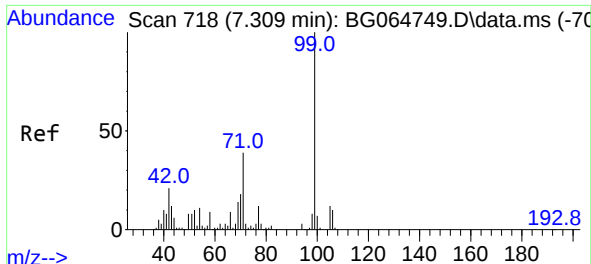
Tgt Ion:152 Resp: 36486
Ion Ratio Lower Upper
152 100
150 140.5 129.2 193.8
115 55.8 53.7 80.5



#5
2-Fluorophenol
Concen: 63.262 ng
RT: 5.702 min Scan# 445
Delta R.T. 0.003 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

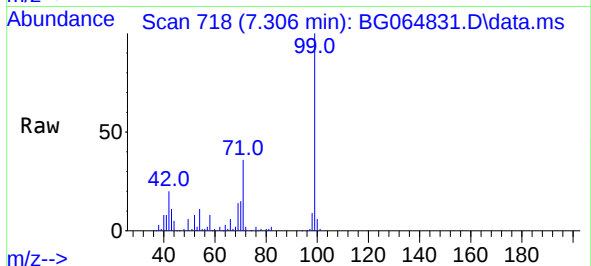
Tgt Ion:112 Resp: 132181
Ion Ratio Lower Upper
112 100
64 66.5 61.0 91.4
63 36.4 33.3 49.9





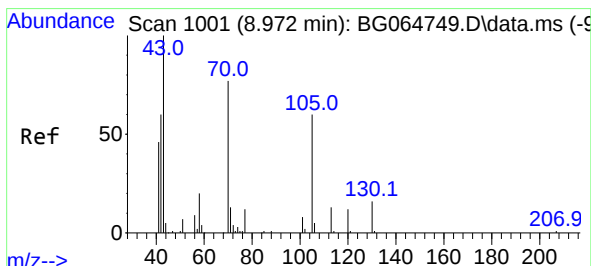
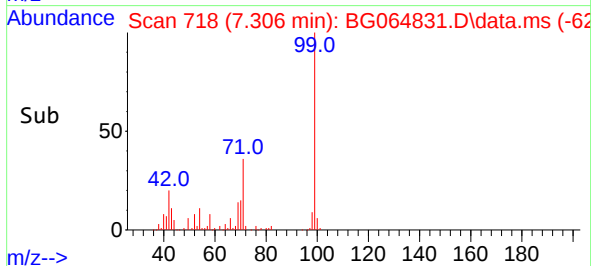
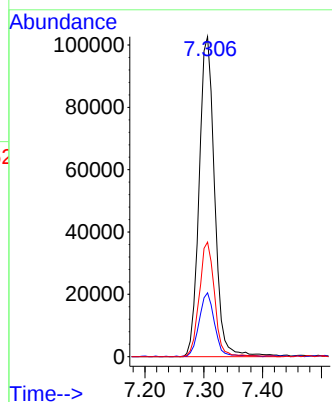
#7
Phenol-d6
Concen: 67.510 ng
RT: 7.306 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

Instrument :
BNA_G
ClientSampleId :
291399

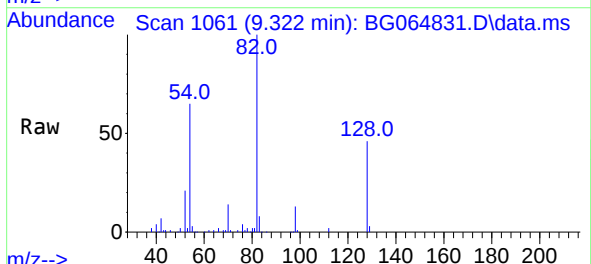


Tgt Ion: 99 Resp: 187613

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.8	25.2
71	35.8	31.1	46.7

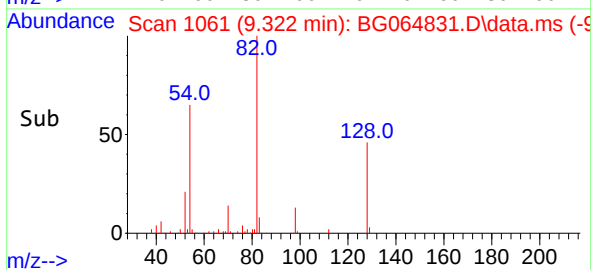
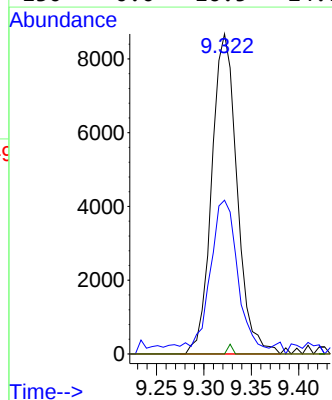


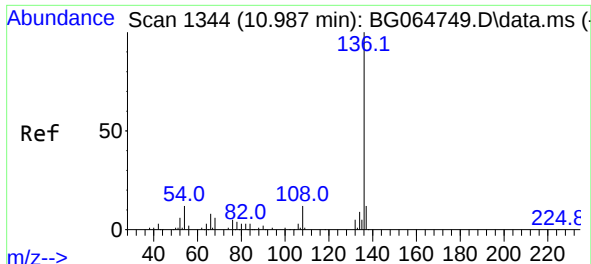
#19
n-Nitroso-di-n-propylamine
Concen: 8.572 ng
RT: 9.322 min Scan# 1061
Delta R.T. 0.349 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57



Tgt Ion: 70 Resp: 16108

Ion	Ratio	Lower	Upper
70	100		
42	48.0	62.6	93.8#
101	0.0	8.0	12.0#
130	0.0	16.5	24.7#



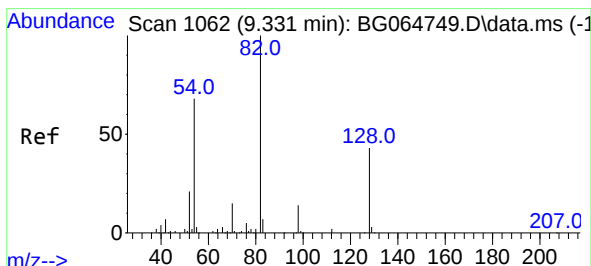
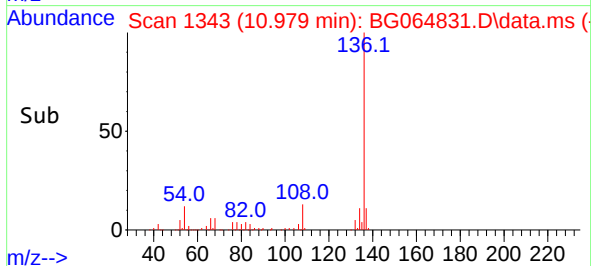
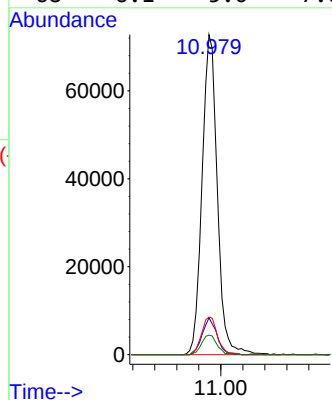
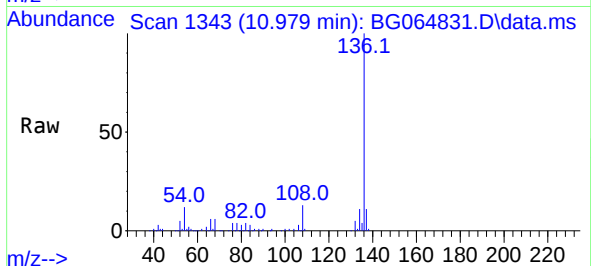


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

Instrument :
BNA_G
ClientSampleId :
291399

Tgt Ion:136 Resp: 139664

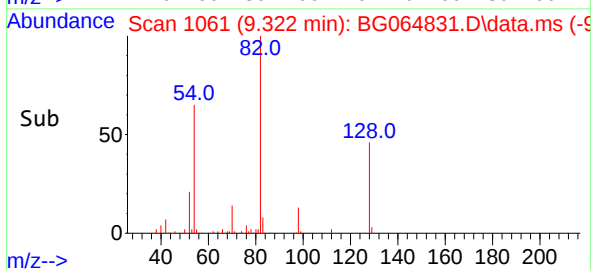
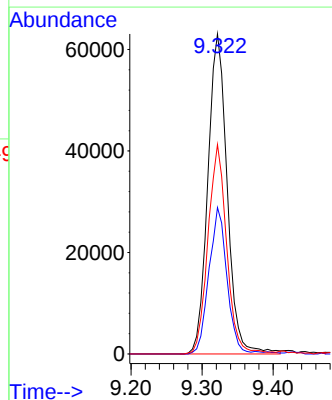
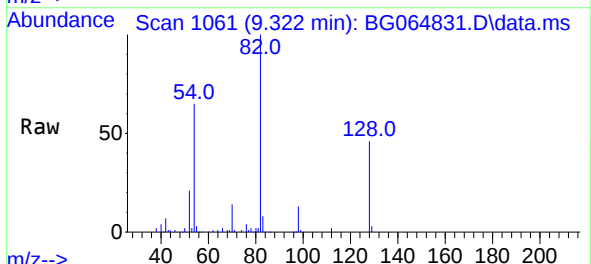
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	11.8	9.3	13.9
68	6.1	5.0	7.6

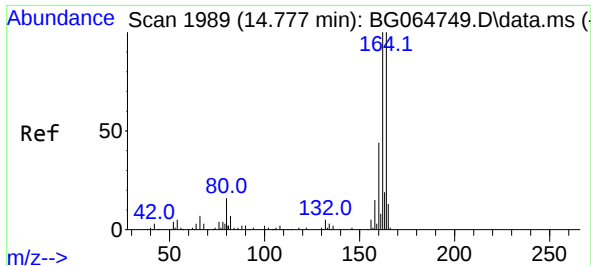


#23
Nitrobenzene-d5
Concen: 42.246 ng
RT: 9.322 min Scan# 1061
Delta R.T. -0.009 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

Tgt Ion: 82 Resp: 119336

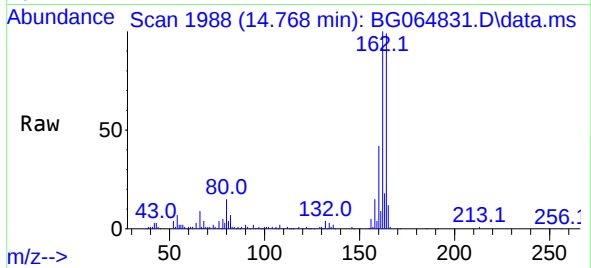
Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.1	51.1
54	65.4	54.3	81.5



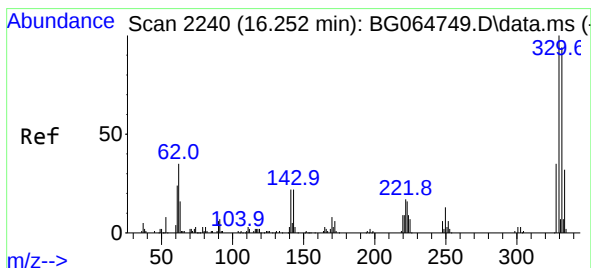
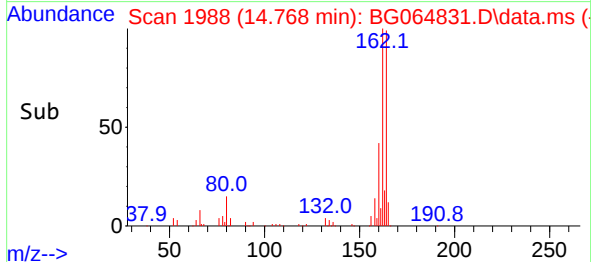
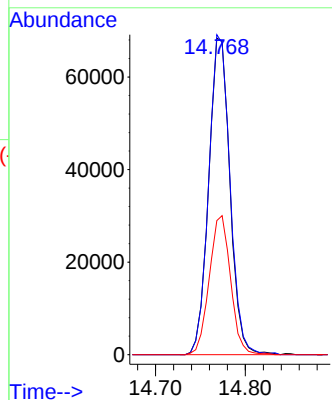


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.768 min Scan# 1989
Delta R.T. -0.009 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

Instrument :
BNA_G
ClientSampleId :
291399

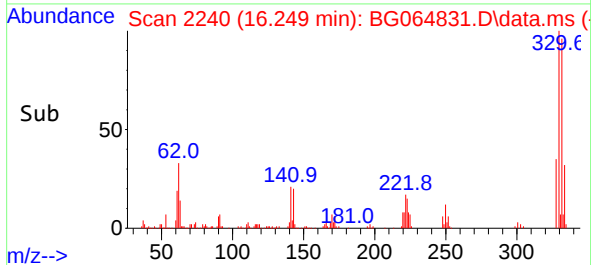
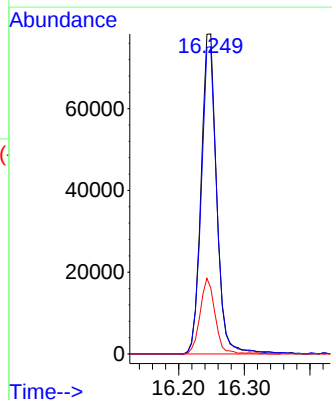
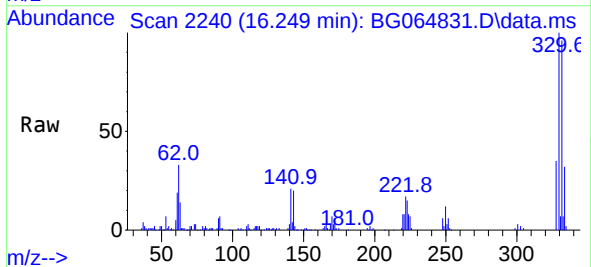


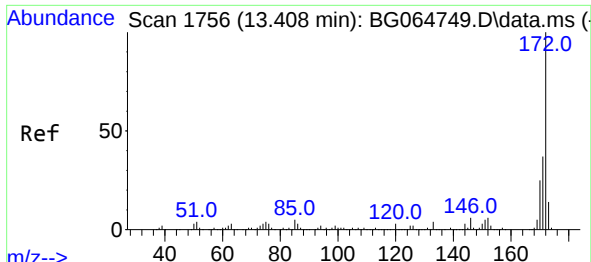
Tgt Ion:164 Resp: 112486
Ion Ratio Lower Upper
164 100
162 101.1 79.8 119.6
160 42.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 58.820 ng
RT: 16.249 min Scan# 2240
Delta R.T. -0.003 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

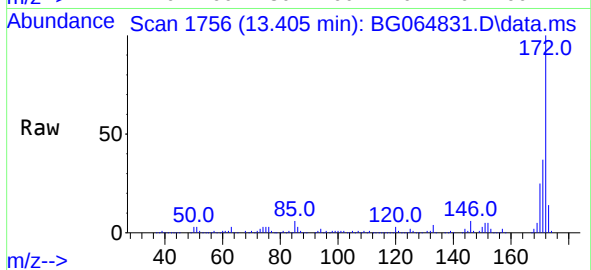
Tgt Ion:330 Resp: 129040
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 22.7 18.2 27.2



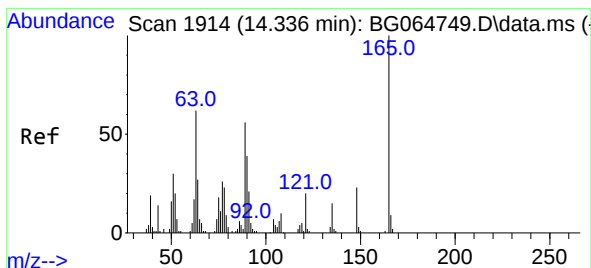
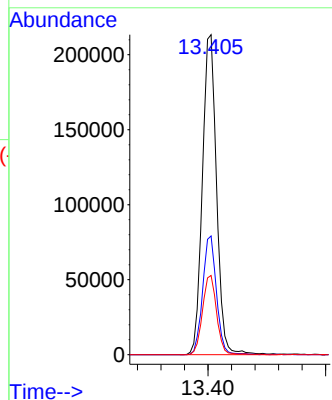
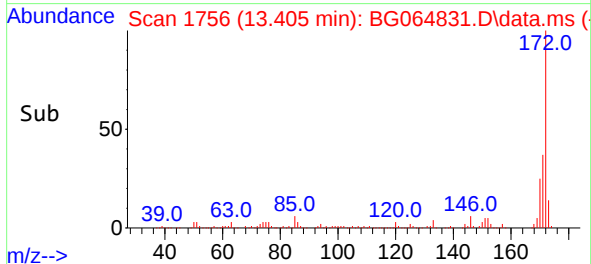


#45
2-Fluorobiphenyl
Concen: 44.190 ng
RT: 13.405 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

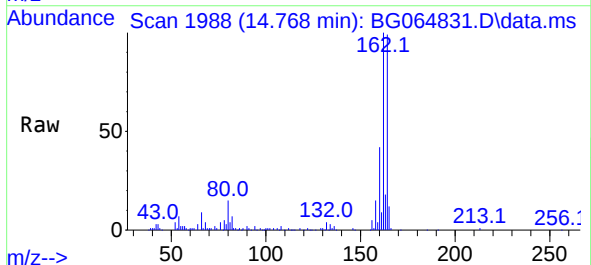
Instrument :
BNA_G
ClientSampleId :
291399



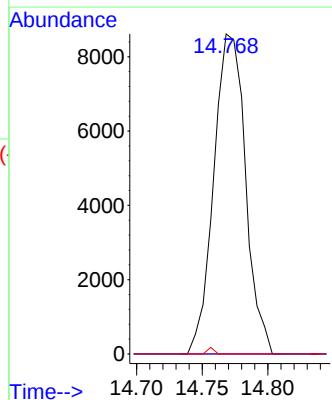
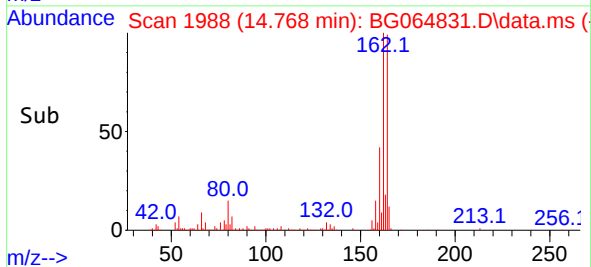
Tgt Ion:172 Resp: 356238
Ion Ratio Lower Upper
172 100
171 37.1 29.9 44.9
170 24.7 19.8 29.6

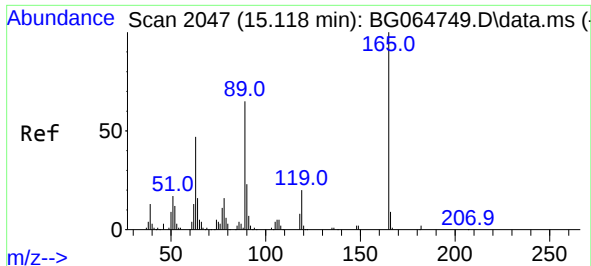


#51
2,6-Dinitrotoluene
Concen: 8.478 ng
RT: 14.768 min Scan# 1988
Delta R.T. 0.432 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57



Tgt Ion:165 Resp: 14495
Ion Ratio Lower Upper
165 100
63 0.0 49.8 74.8#
89 0.0 45.0 67.4#

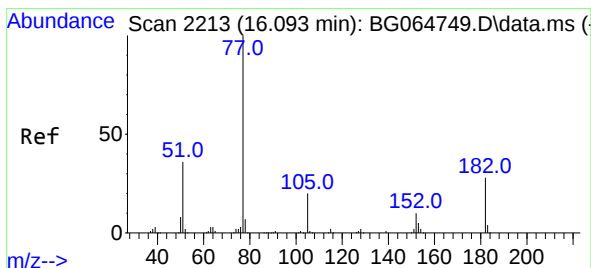
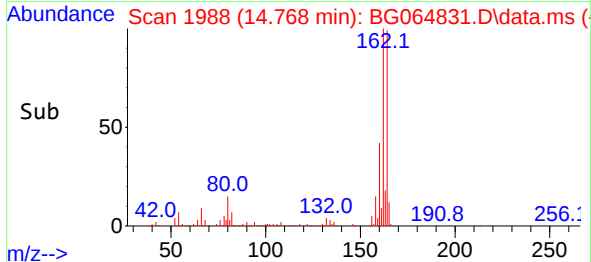
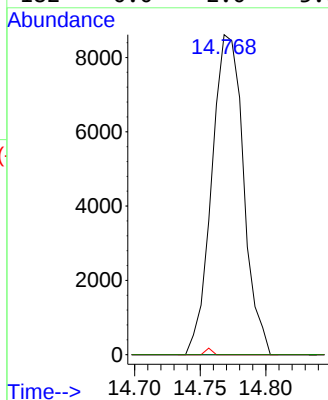
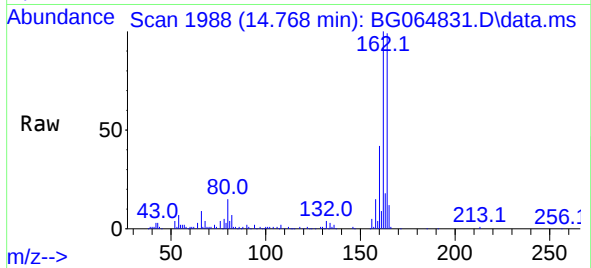




#57
2,4-Dinitrotoluene
Concen: 5.655 ng
RT: 14.768 min Scan# 1988
Delta R.T. -0.350 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

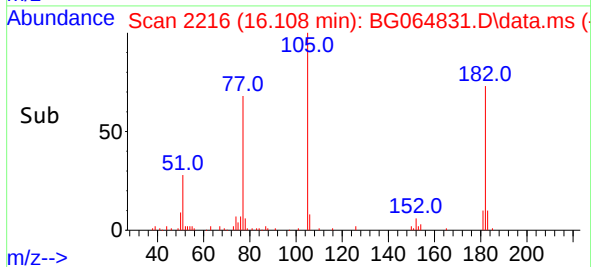
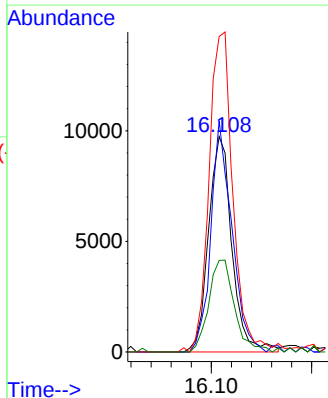
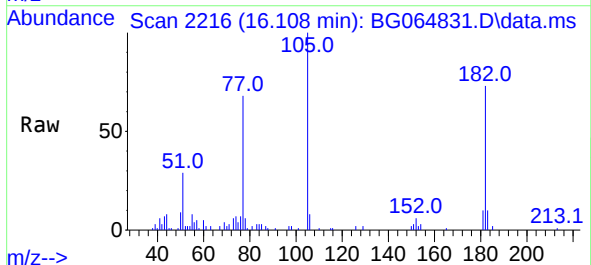
Instrument :
BNA_G
ClientSampleId :
291399

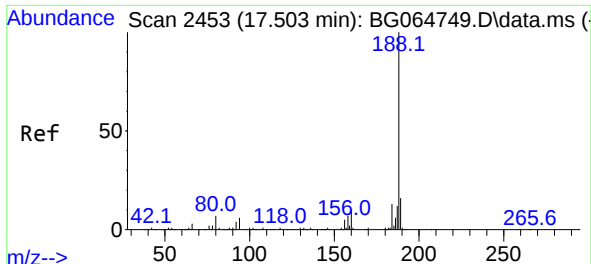
Tgt Ion:	165	Resp:	14495
Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.8	56.6#
89	0.0	51.6	77.4#
182	0.0	2.0	3.0#



#63
Azobenzene
Concen: 2.226 ng
RT: 16.108 min Scan# 2216
Delta R.T. 0.015 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

Tgt Ion:	77	Resp:	15761
Ion	Ratio	Lower	Upper
77	100		
182	107.4	8.1	48.1#
105	146.5	0.1	40.1#
51	42.5	16.0	56.0

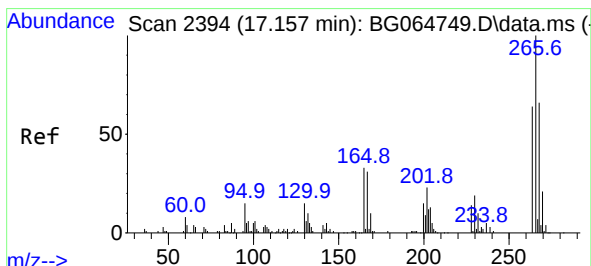
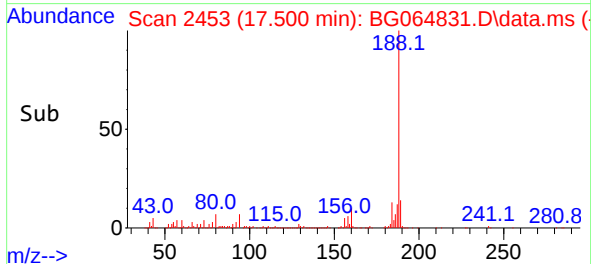
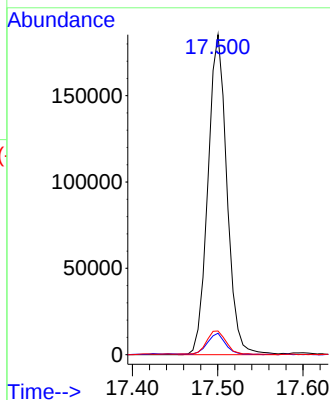
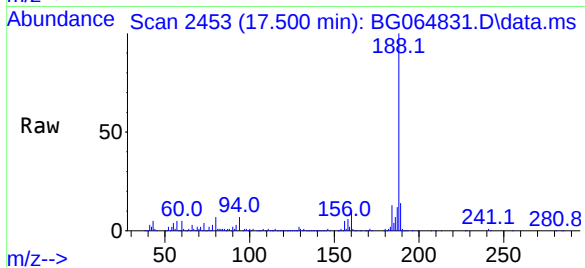




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

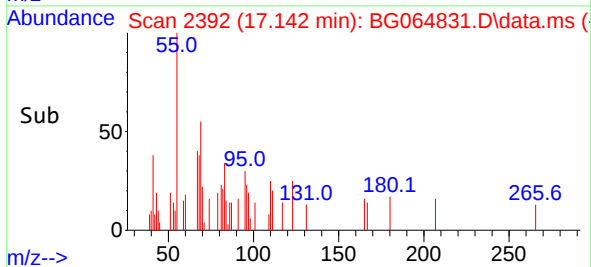
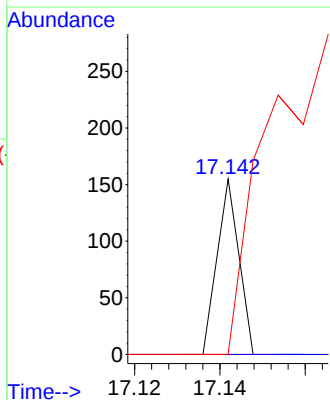
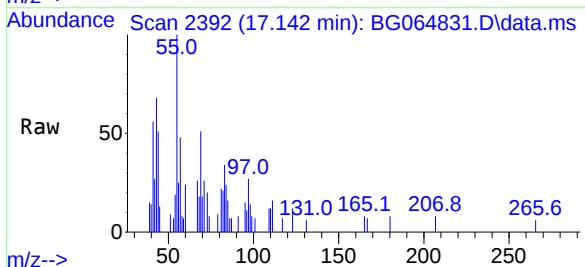
Instrument :
BNA_G
ClientSampleId :
291399

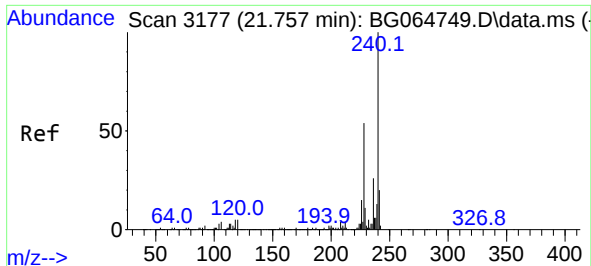
Tgt Ion:188 Resp: 287333
Ion Ratio Lower Upper
188 100
94 6.7 4.7 7.1
80 7.4 5.4 8.2



#70
Pentachlorophenol
Concen: 6.162 ng
RT: 17.142 min Scan# 2392
Delta R.T. -0.015 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

Tgt Ion:266 Resp: 55
Ion Ratio Lower Upper
266 100
268 0.0 56.1 84.1#
264 0.0 51.2 76.8#

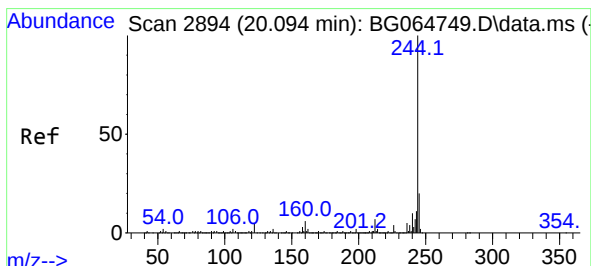
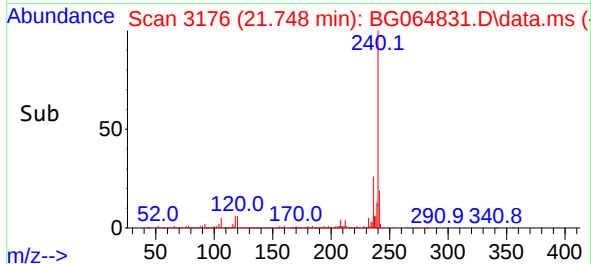
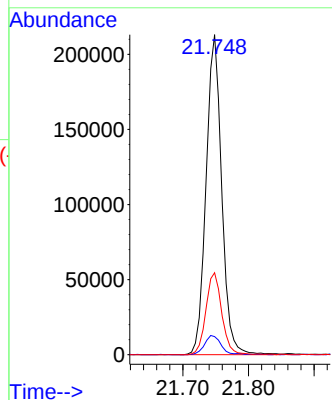
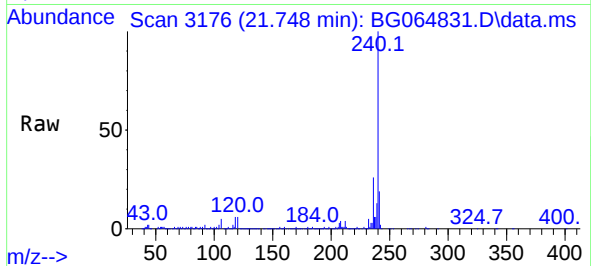




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.748 min Scan# 3176
Delta R.T. -0.009 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

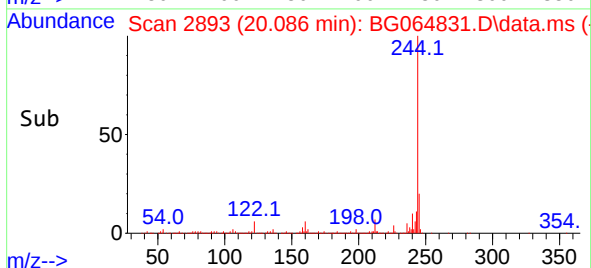
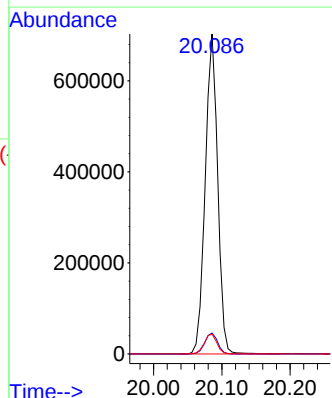
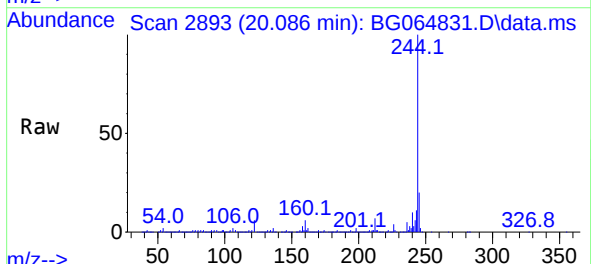
Instrument :
BNA_G
ClientSampleId :
291399

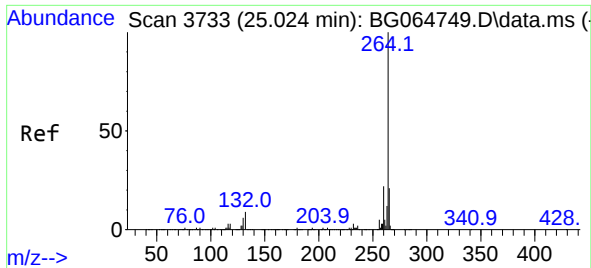
Tgt Ion:240 Resp: 353060
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.4
236 25.6 20.8 31.2



#79
Terphenyl-d14
Concen: 49.666 ng
RT: 20.086 min Scan# 2893
Delta R.T. -0.009 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

Tgt Ion:244 Resp: 891427
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.6
122 6.2 4.3 6.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.997 min Scan# 31
Delta R.T. -0.027 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

Instrument :
BNA_G
ClientSampleId :
291399

Tgt Ion:264 Resp: 365194
Ion Ratio Lower Upper
264 100
260 23.2 17.2 25.8
265 21.1 16.6 25.0

