

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111025\
 Data File : BG064728.D
 Acq On : 10 Nov 2025 11:12
 Operator : RC/JU
 Sample : PB170450BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170450BL

Quant Time: Nov 10 11:48:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

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

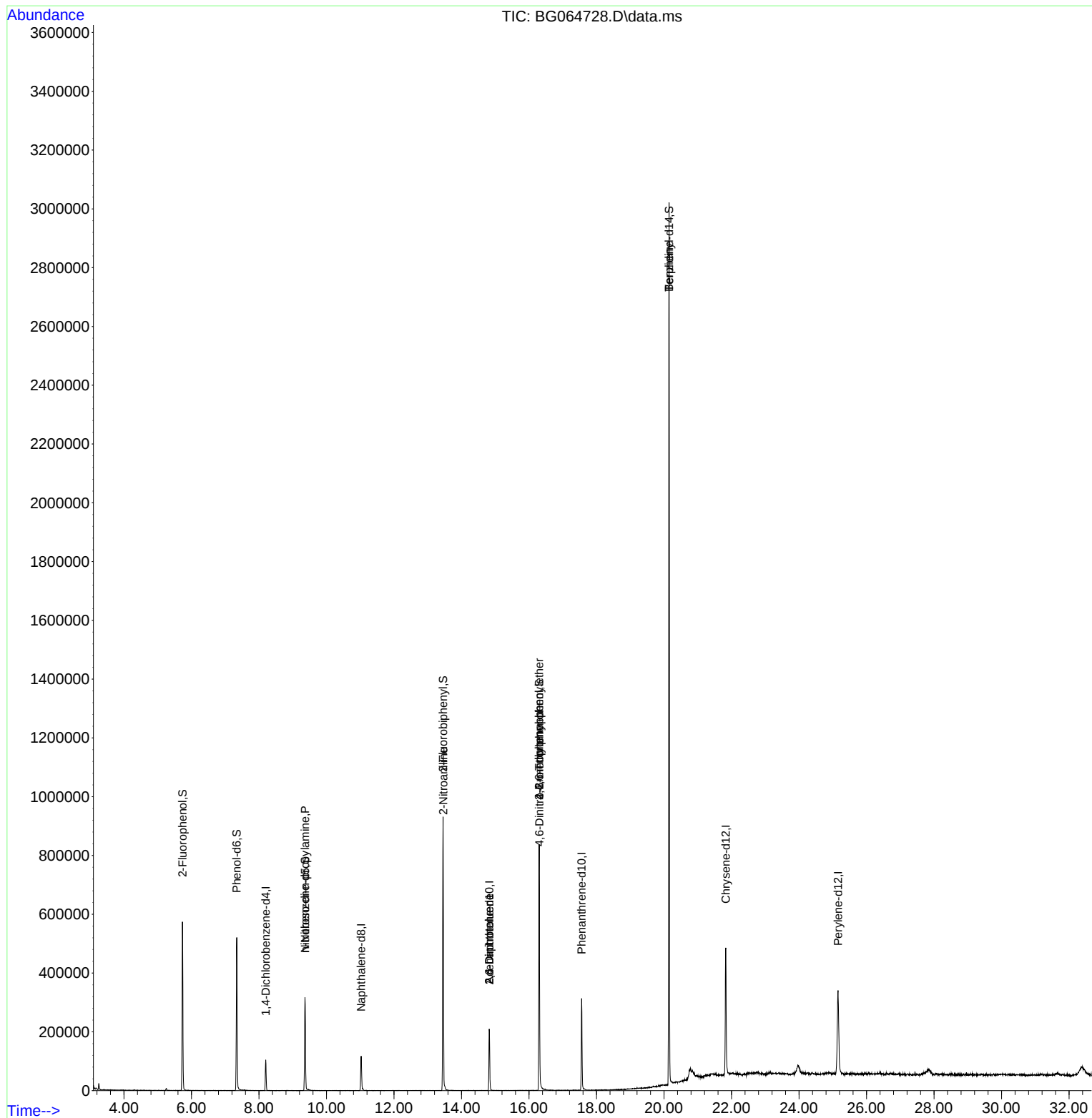
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	29475	20.000	ng	-0.02
21) Naphthalene-d8	11.026	136	109338	20.000	ng	-0.02
39) Acenaphthene-d10	14.821	164	86242	20.000	ng	-0.02
64) Phenanthrene-d10	17.559	188	220794	20.000	ng	#-0.02
76) Chrysene-d12	21.831	240	337730	20.000	ng	#-0.03
86) Perylene-d12	25.156	264	378543	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.732	112	228627	130.195	ng	-0.02
7) Phenol-d6	7.342	99	292913	121.558	ng	-0.01
23) Nitrobenzene-d5	9.363	82	185362	101.825	ng	-0.02
42) 2,4,6-Tribromophenol	16.302	330	216543	173.968	ng	-0.02
45) 2-Fluorobiphenyl	13.452	172	539521	94.823	ng	-0.02
79) Terphenyl-d14	20.150	244	1611011	90.020	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.363	70	24935	14.973	ng	# 67
48) 2-Nitroaniline	13.458	65	617	3.595	ng	# 1
51) 2,6-Dinitrotoluene	14.821	165	10838	12.484	ng	# 17
57) 2,4-Dinitrotoluene	14.821	165	10839	9.080	ng	# 20
65) 4,6-Dinitro-2-methylph...	16.308	198	457	5.844	ng	# 84
67) 4-Bromophenyl-phenylether	16.302	248	12675	4.844	ng	# 1
77) Benizidine	20.150	184	23063	3.048	ng	# 91

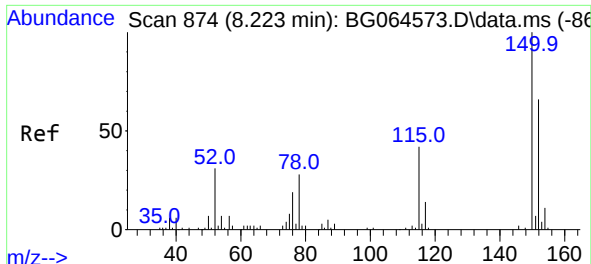
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111025\
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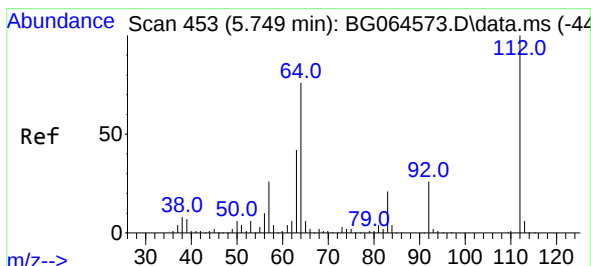
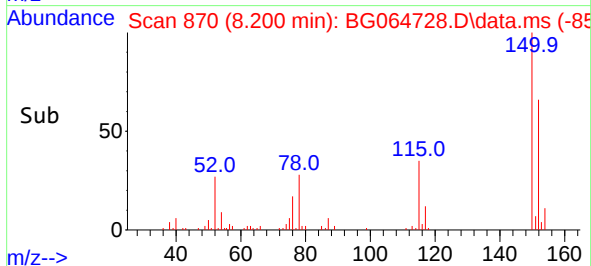
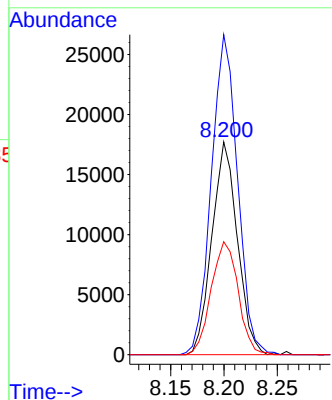
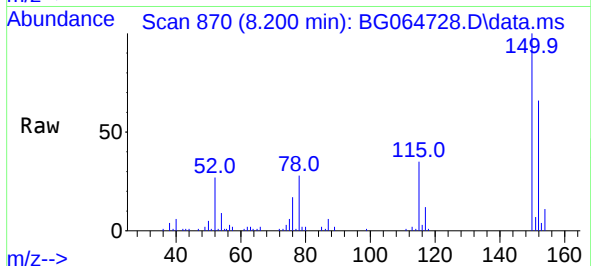




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.200 min Scan# 81
Delta R.T. -0.023 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

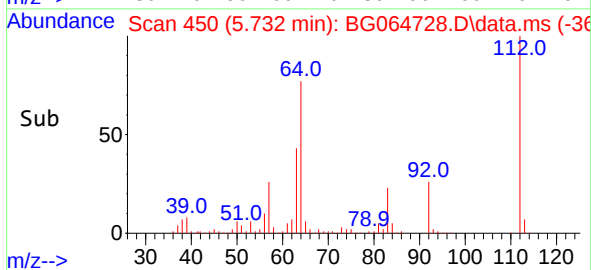
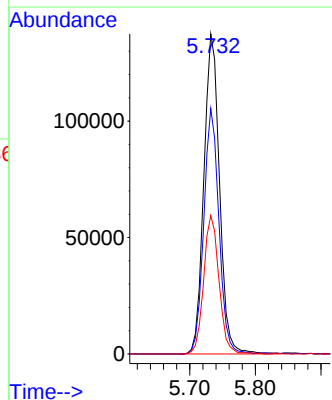
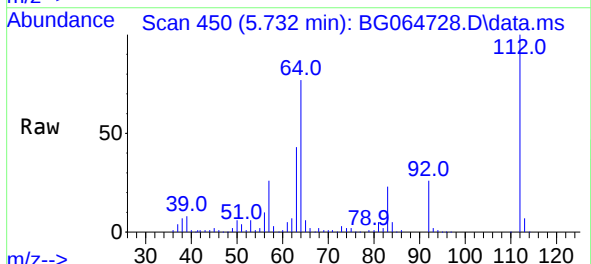
Instrument :
BNA_G
ClientSampleId :
PB170450BL

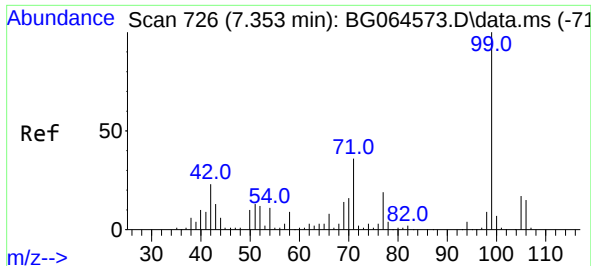
Tgt Ion:152 Resp: 29475
Ion Ratio Lower Upper
152 100
150 150.4 122.2 183.4
115 53.1 50.8 76.2



#5
2-Fluorophenol
Concen: 130.195 ng
RT: 5.732 min Scan# 450
Delta R.T. -0.017 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

Tgt Ion:112 Resp: 228627
Ion Ratio Lower Upper
112 100
64 76.7 60.7 91.1
63 43.2 33.4 50.0

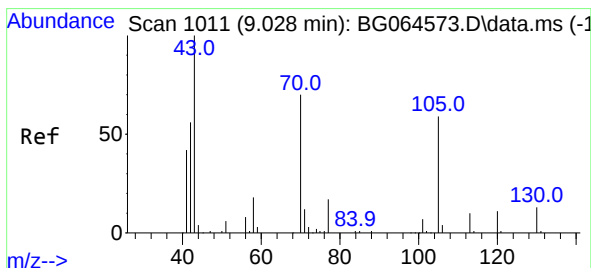
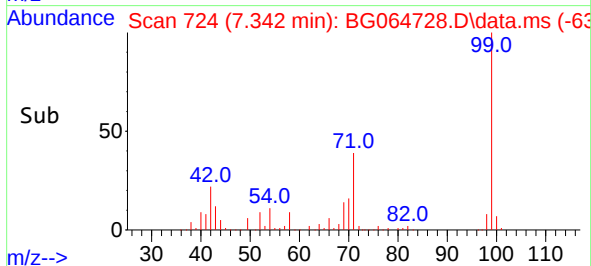
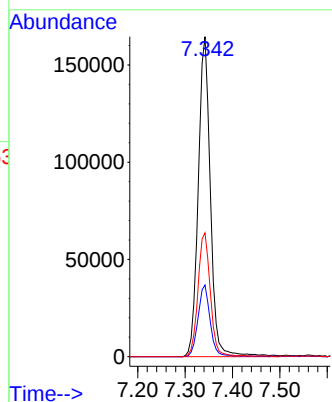
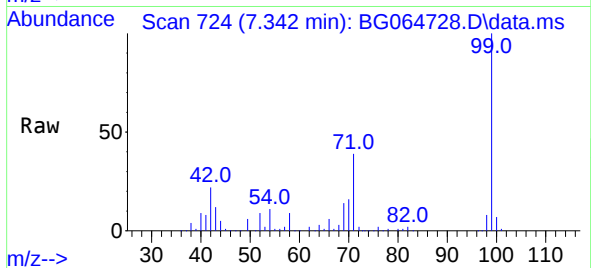




#7
Phenol-d6
Concen: 121.558 ng
RT: 7.342 min Scan# 71
Delta R.T. -0.011 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

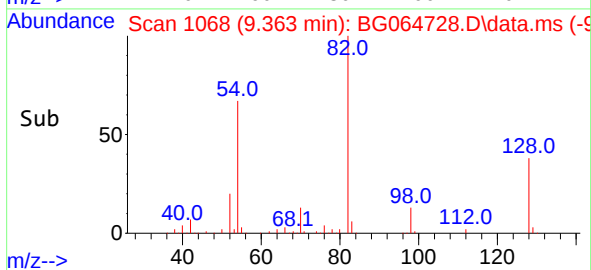
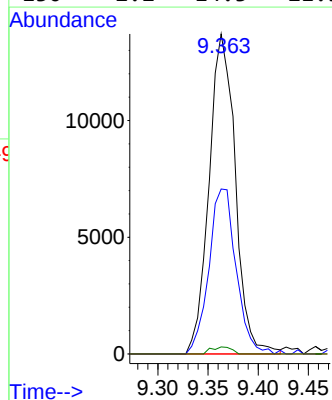
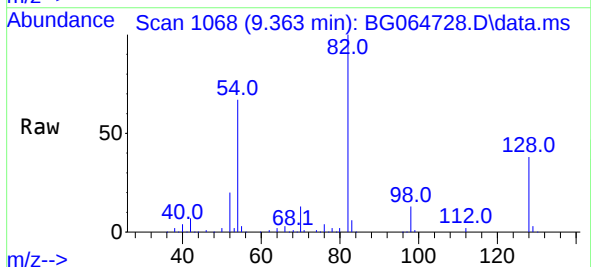
Instrument :
BNA_G
ClientSampleId :
PB170450BL

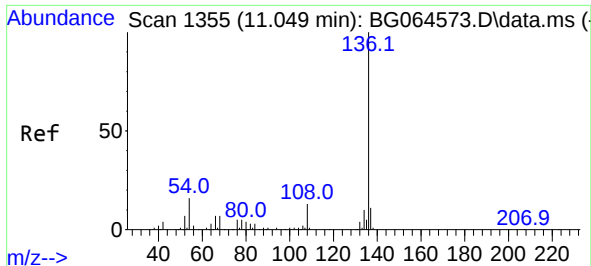
Tgt Ion: 99 Resp: 292913
Ion Ratio Lower Upper
99 100
42 22.4 18.3 27.5
71 38.7 28.6 43.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.973 ng
RT: 9.363 min Scan# 1068
Delta R.T. 0.335 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

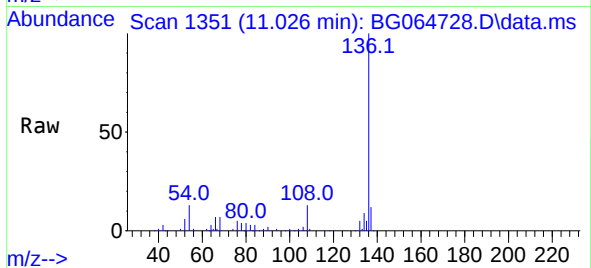
Tgt Ion: 70 Resp: 24935
Ion Ratio Lower Upper
70 100
42 51.5 65.2 97.8#
101 0.0 7.9 11.9#
130 2.2 14.3 21.5#





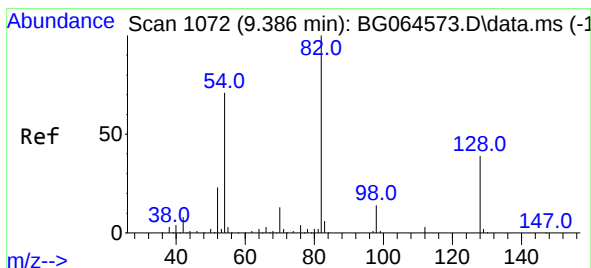
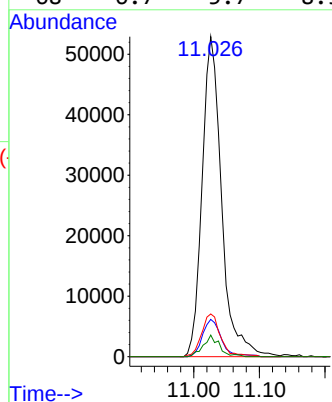
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.026 min Scan# 11
Delta R.T. -0.023 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

Instrument :
BNA_G
ClientSampleId :
PB170450BL



Tgt Ion:136 Resp: 109338

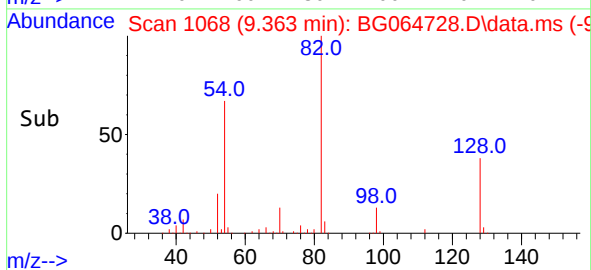
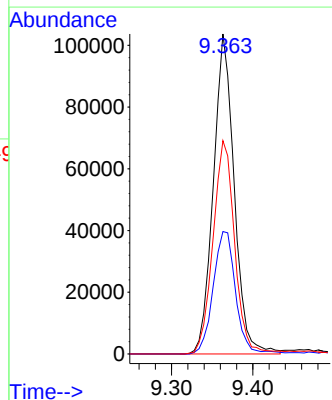
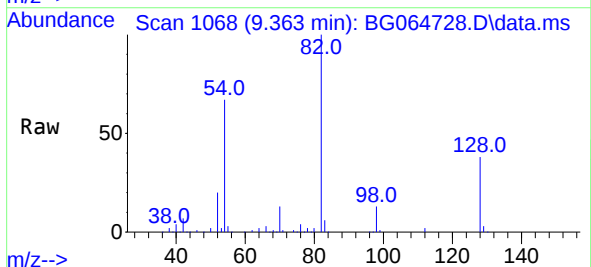
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	13.4	12.6	19.0
68	6.7	5.7	8.5

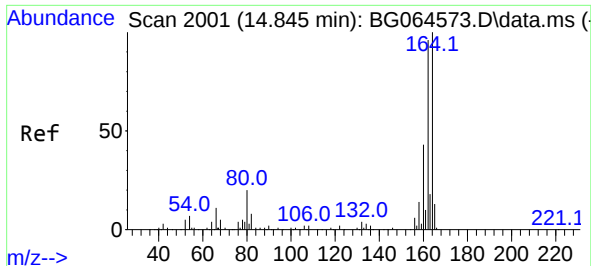


#23
Nitrobenzene-d5
Concen: 101.825 ng
RT: 9.363 min Scan# 1068
Delta R.T. -0.023 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

Tgt Ion: 82 Resp: 185362

Ion	Ratio	Lower	Upper
82	100		
128	38.3	31.3	46.9
54	66.7	56.6	84.8

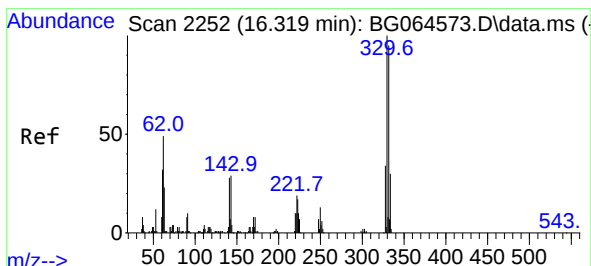
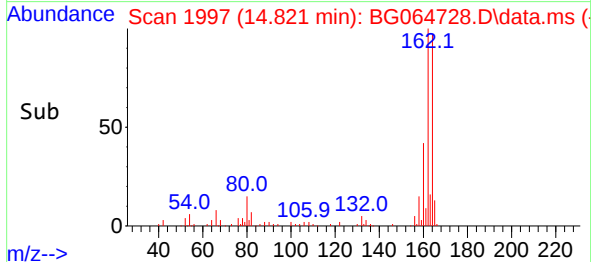
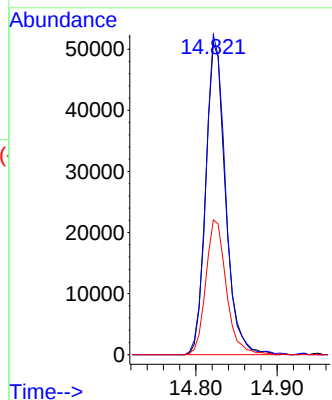
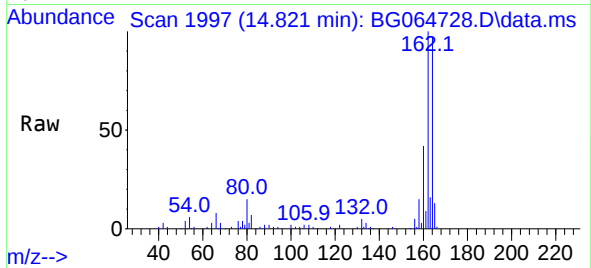




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.821 min Scan# 1997
Delta R.T. -0.023 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

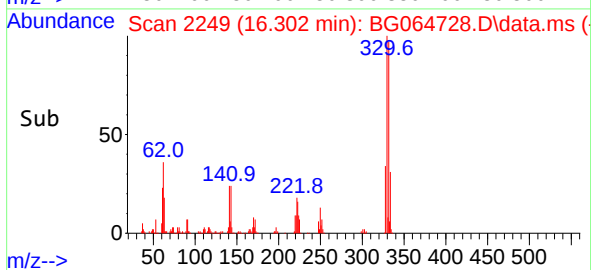
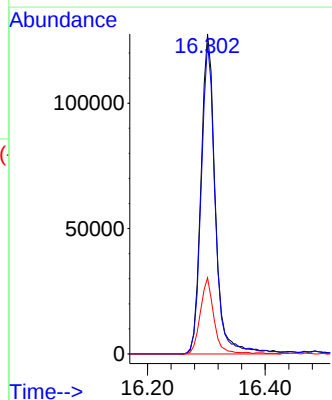
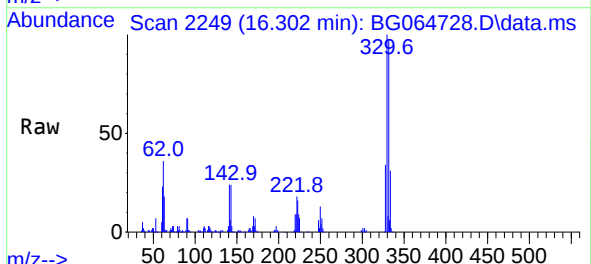
Instrument :
BNA_G
ClientSampleId :
PB170450BL

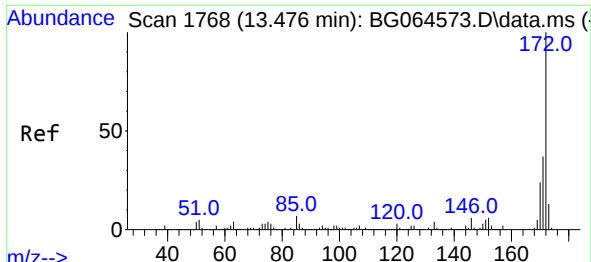
Tgt Ion:164 Resp: 86242
Ion Ratio Lower Upper
164 100
162 102.6 77.0 115.6
160 43.2 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 173.968 ng
RT: 16.302 min Scan# 2249
Delta R.T. -0.017 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

Tgt Ion:330 Resp: 216543
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 22.4 21.8 32.6

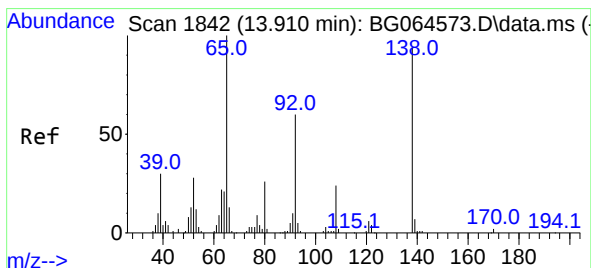
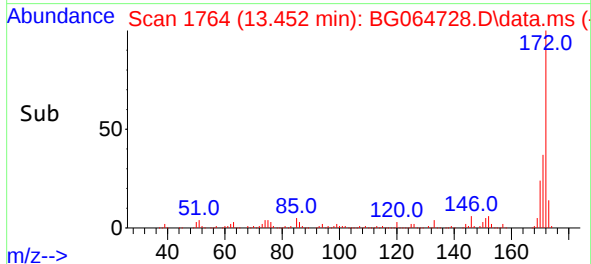
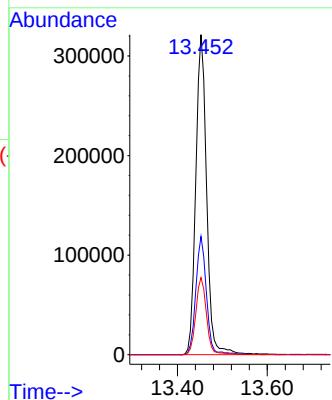
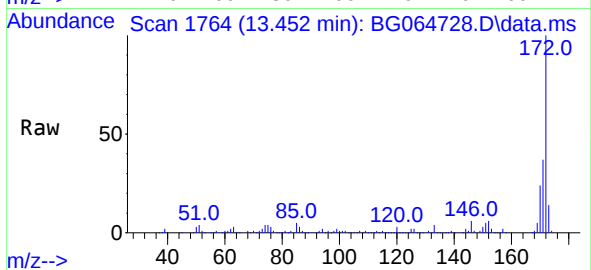




#45
2-Fluorobiphenyl
Concen: 94.823 ng
RT: 13.452 min Scan# 1765
Delta R.T. -0.023 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

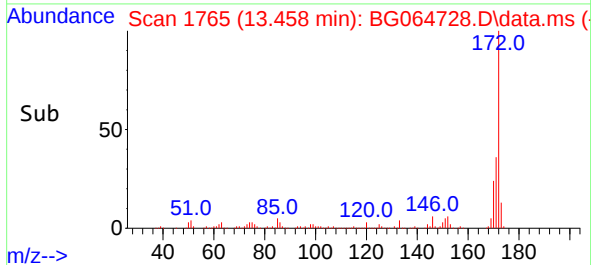
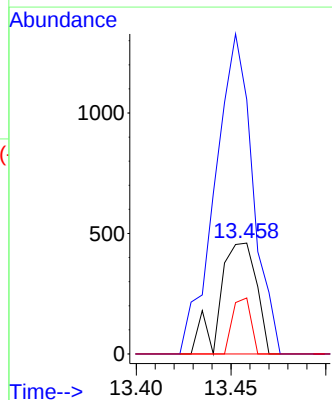
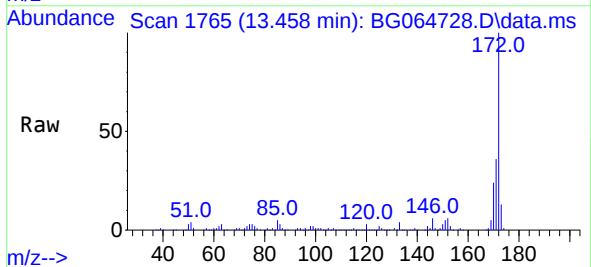
Instrument :
BNA_G
ClientSampleId :
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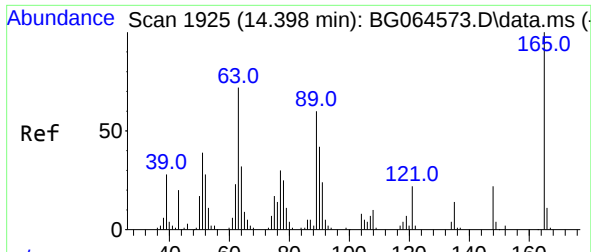
Tgt Ion:172 Resp: 539521
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 24.1 19.1 28.7



#48
2-Nitroaniline
Concen: 3.595 ng
RT: 13.458 min Scan# 1765
Delta R.T. -0.452 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

Tgt Ion: 65 Resp: 617
Ion Ratio Lower Upper
65 100
92 229.6 48.3 72.5#
138 50.4 74.9 112.3#





#51

2,6-Dinitrotoluene

Concen: 12.484 ng

RT: 14.821 min Scan# 1997

Delta R.T. 0.423 min

Lab File: BG064728.D

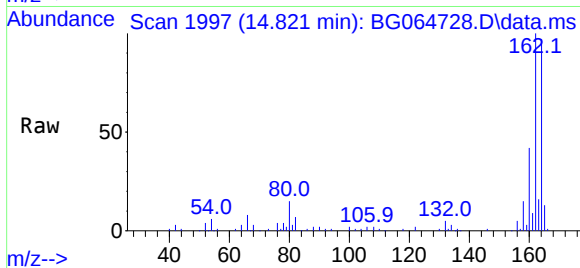
Acq: 10 Nov 2025 11:12

Instrument :

BNA_G

ClientSampleId :

PB170450BL



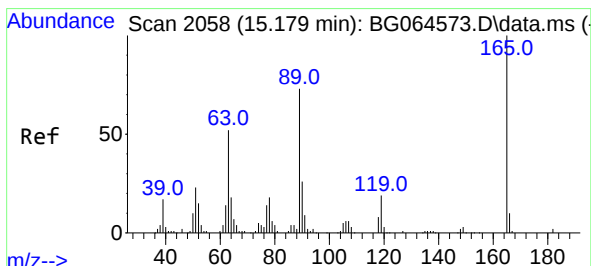
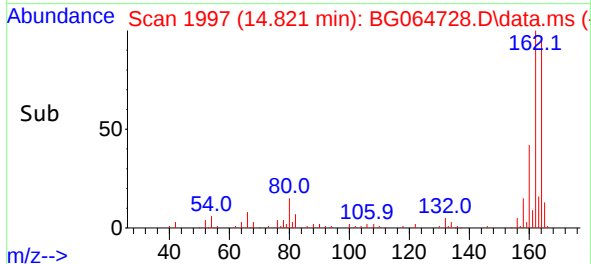
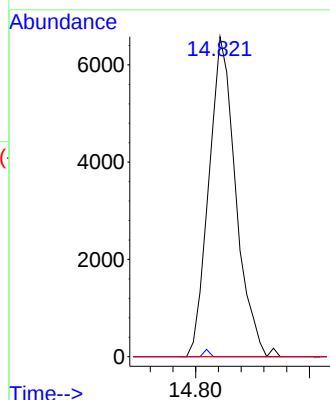
Tgt Ion:165 Resp: 10838

Ion Ratio Lower Upper

165 100

63 0.0 57.4 86.0#

89 0.0 47.8 71.8#



#57

2,4-Dinitrotoluene

Concen: 9.080 ng

RT: 14.821 min Scan# 1997

Delta R.T. -0.358 min

Lab File: BG064728.D

Acq: 10 Nov 2025 11:12

Tgt Ion:165 Resp: 10839

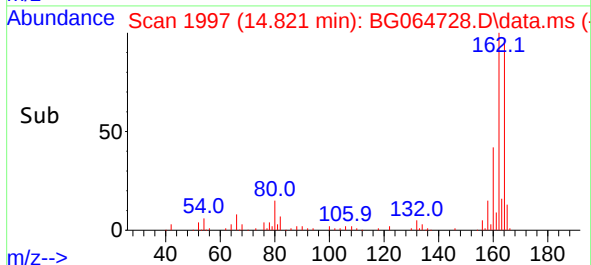
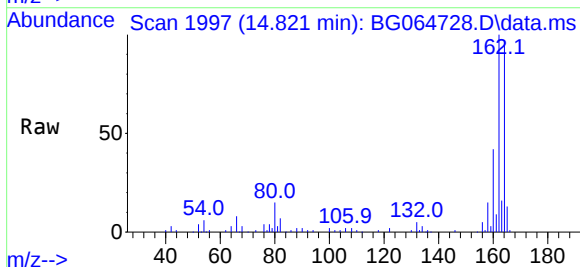
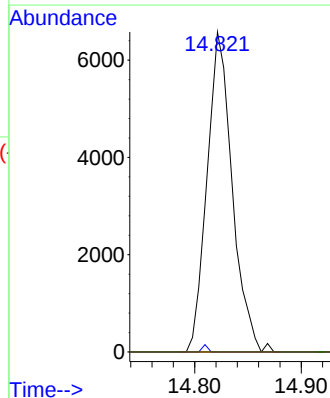
Ion Ratio Lower Upper

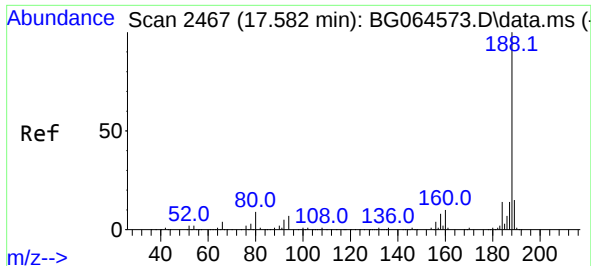
165 100

63 0.0 41.8 62.8#

89 0.0 58.1 87.1#

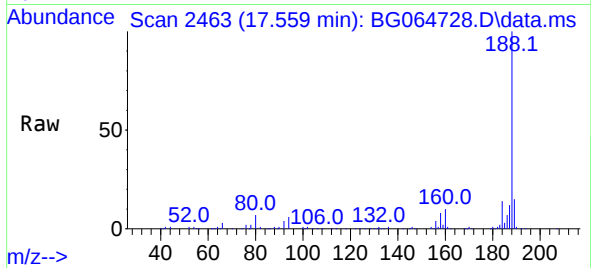
182 0.0 1.4 2.0#



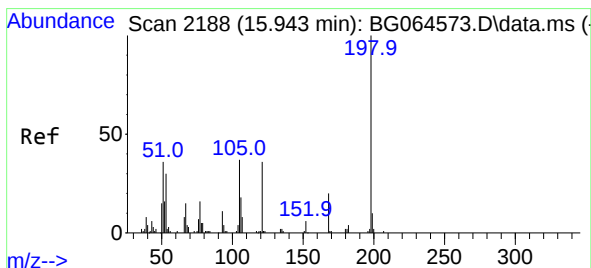
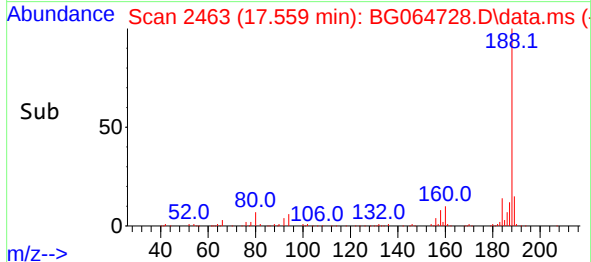
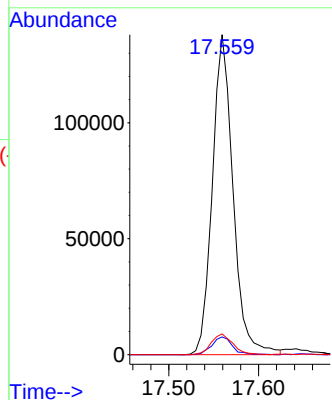


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.559 min Scan# 24
Delta R.T. -0.023 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

Instrument :
BNA_G
ClientSampleId :
PB170450BL

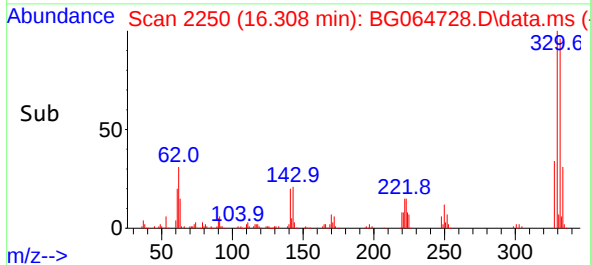
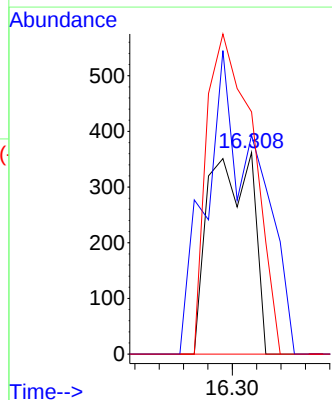
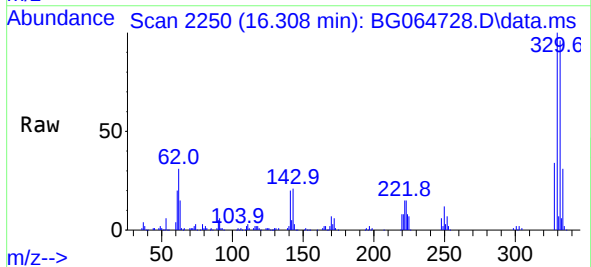


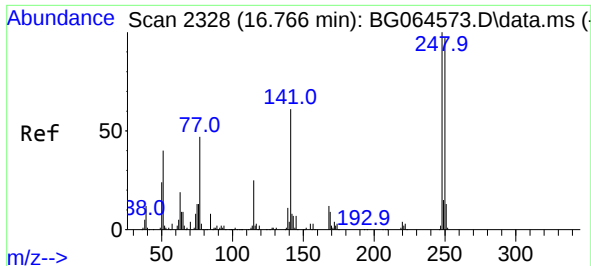
Tgt Ion:188 Resp: 220794
Ion Ratio Lower Upper
188 100
94 5.6 5.7 8.5#
80 6.5 6.8 10.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.844 ng
RT: 16.308 min Scan# 2250
Delta R.T. 0.365 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

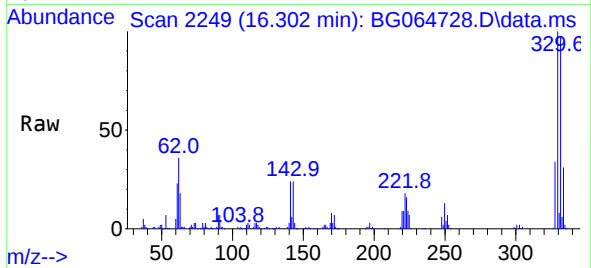
Tgt Ion:198 Resp: 457
Ion Ratio Lower Upper
198 100
51 29.9 24.7 64.7
105 33.1 18.0 58.0



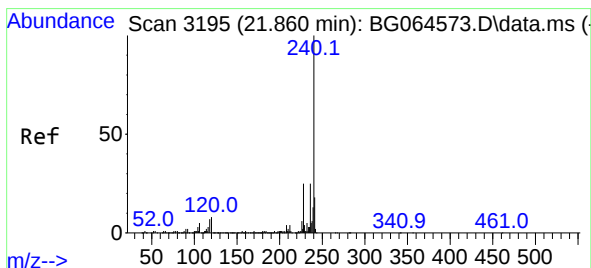
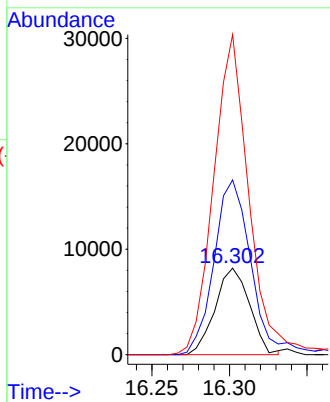
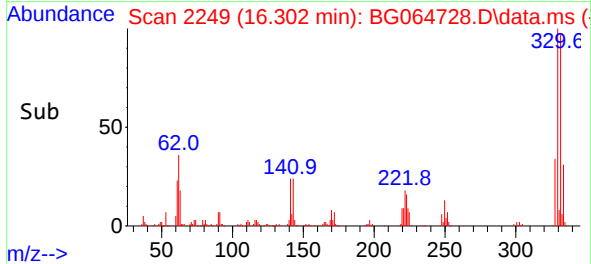


#67
4-Bromophenyl-phenylether
Concen: 4.844 ng
RT: 16.302 min Scan# 21
Delta R.T. -0.464 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

Instrument :
BNA_G
ClientSampleId :
PB170450BL

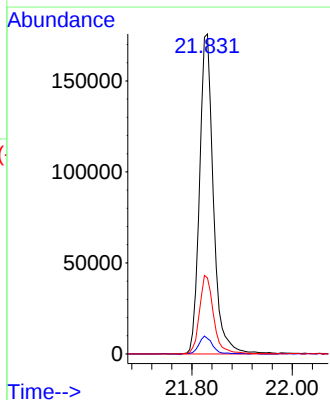
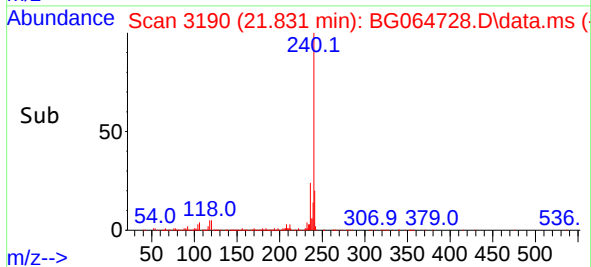
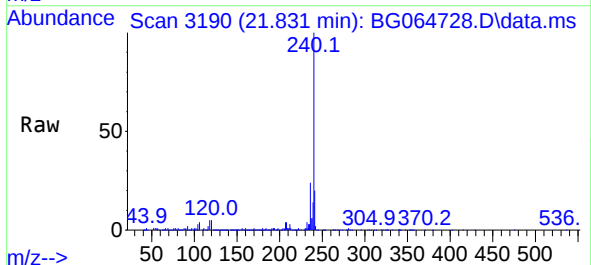


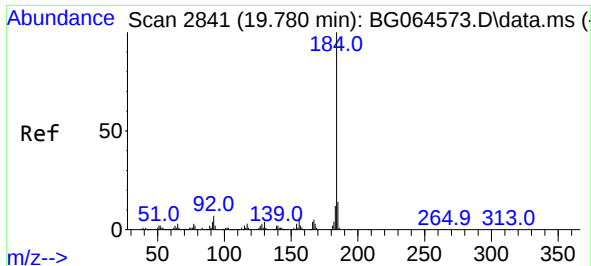
Tgt Ion:248 Resp: 12675
Ion Ratio Lower Upper
248 100
250 197.8 77.7 116.5#
141 280.7 48.6 72.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3190
Delta R.T. -0.029 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

Tgt Ion:240 Resp: 337730
Ion Ratio Lower Upper
240 100
120 4.8 6.5 9.7#
236 23.7 20.2 30.2

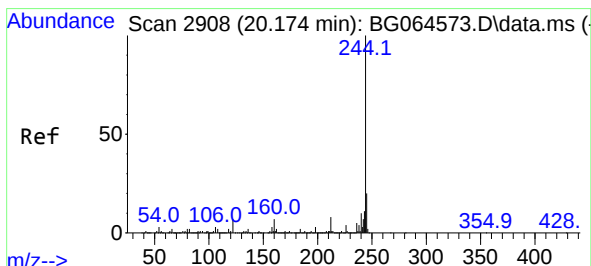
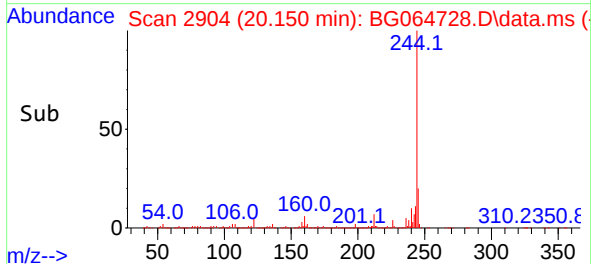
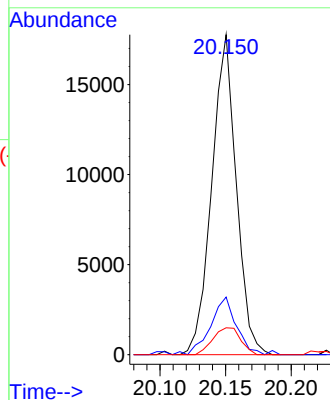
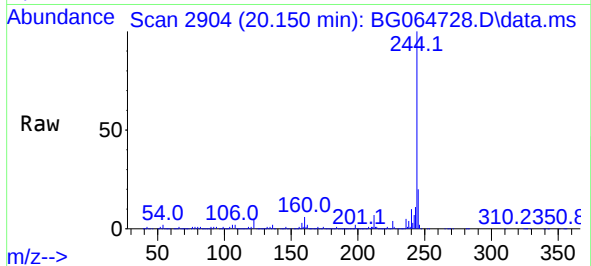




#77
Benzidine
Concen: 3.048 ng
RT: 20.150 min Scan# 2904
Delta R.T. 0.371 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

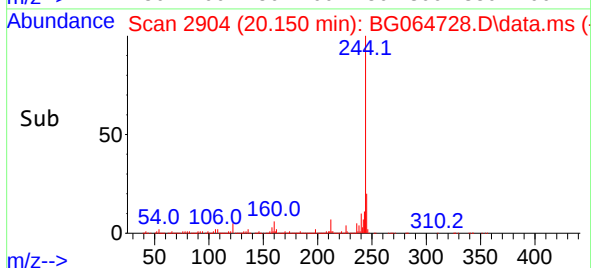
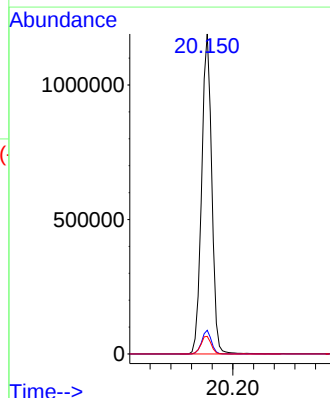
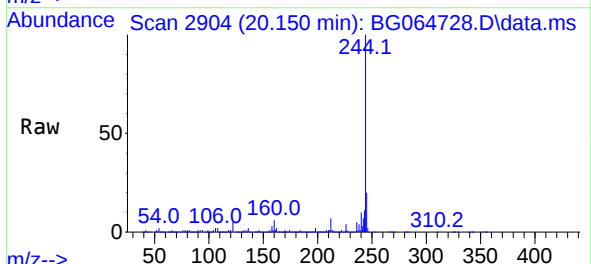
Instrument :
BNA_G
ClientSampleId :
PB170450BL

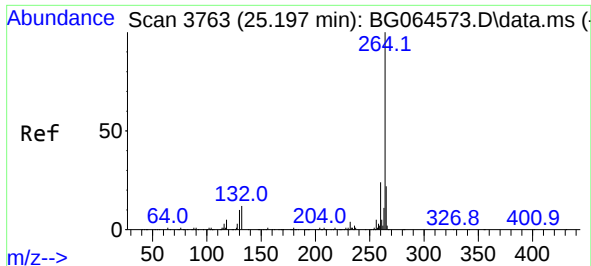
Tgt Ion:184 Resp: 23063
Ion Ratio Lower Upper
184 100
185 18.0 11.4 17.2#
183 8.4 9.4 14.2#



#79
Terphenyl-d14
Concen: 90.020 ng
RT: 20.150 min Scan# 2904
Delta R.T. -0.023 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

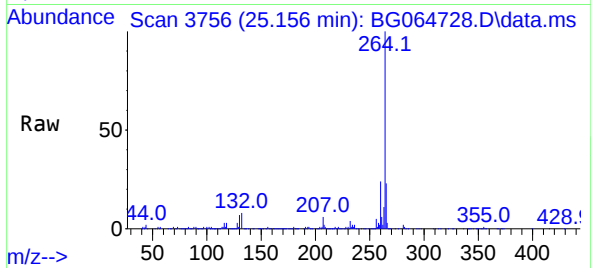
Tgt Ion:244 Resp: 1611011
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 5.5 5.6 8.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.156 min Scan# 31
Delta R.T. -0.041 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

Instrument :
BNA_G
ClientSampleId :
PB170450BL



Tgt Ion:264 Resp: 378543

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	23.4	17.6	26.4

