

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
 Data File : BG064667.D
 Acq On : 31 Oct 2025 22:22
 Operator : RC/JU
 Sample : Q3503-03 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 23:30:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

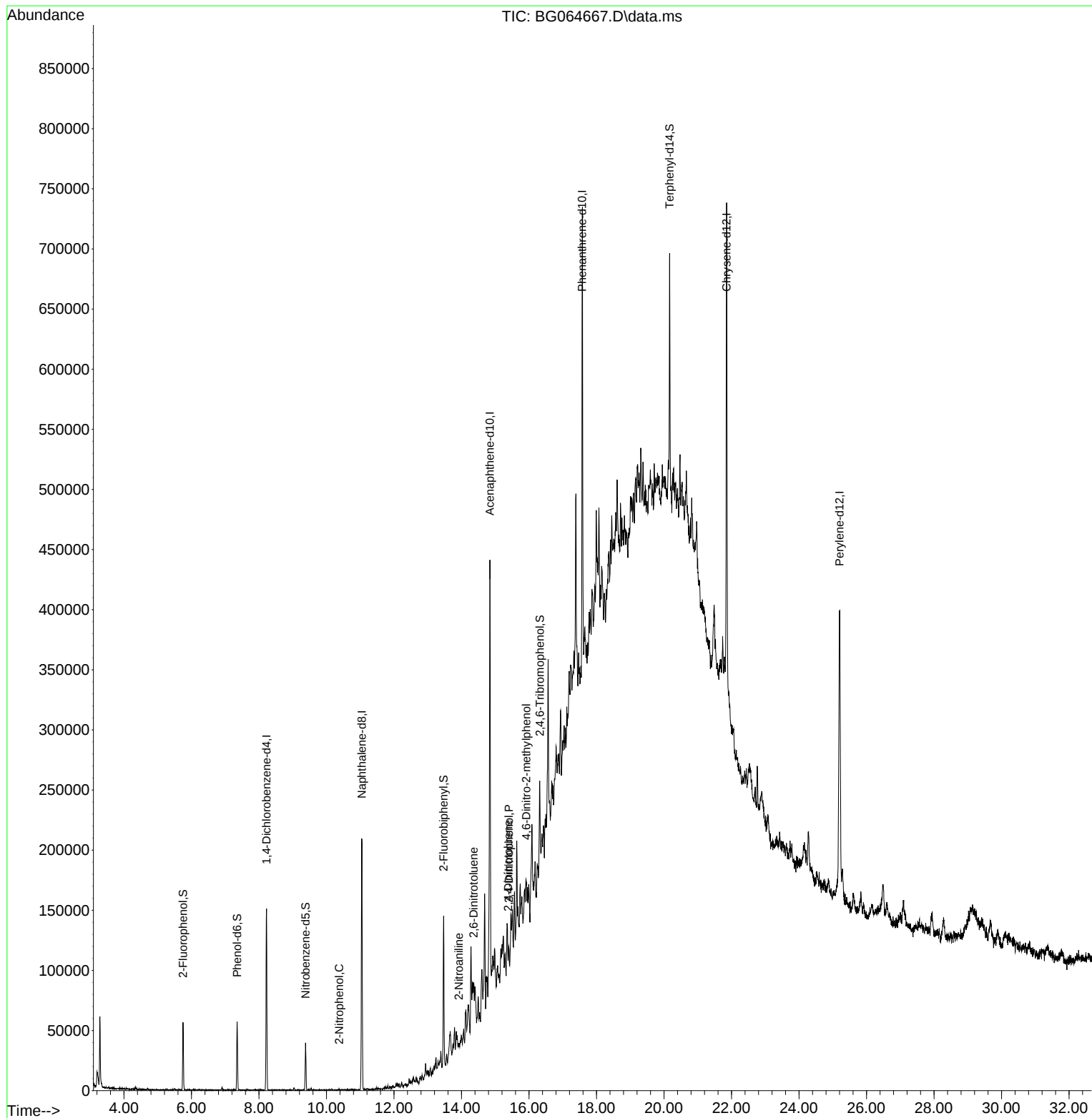
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	42387	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	173187	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	127980	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	244870	20.000	ng	0.00
76) Chrysene-d12	21.854	240	264459	20.000	ng	0.00
86) Perylene-d12	25.203	264	308053	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	22143	8.768	ng	0.00
7) Phenol-d6	7.353	99	32118	9.269	ng	0.00
23) Nitrobenzene-d5	9.380	82	20671	7.169	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	17801	9.637	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	60644	7.182	ng	0.00
79) Terphenyl-d14	20.168	244	97239	6.939	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.373	139	58	3.176	ng	# 29
48) 2-Nitroaniline	13.922	65	471	3.415	ng	# 33
51) 2,6-Dinitrotoluene	14.363	165	2862	4.847	ng	# 24
54) 2,4-Dinitrophenol	15.403	184	54	5.622	ng	# 1
57) 2,4-Dinitrotoluene	15.385	165	1122	3.471	ng	# 34
65) 4,6-Dinitro-2-methylph...	15.920	198	130	5.534	ng	# 1

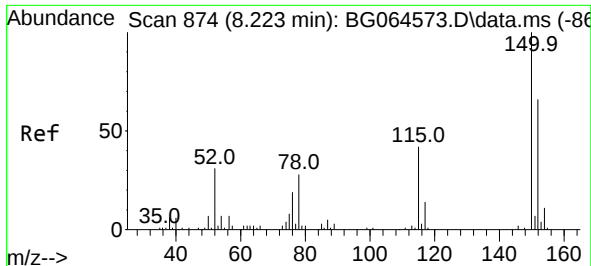
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064667.D
Acq On : 31 Oct 2025 22:22
Operator : RC/JU
Sample : Q3503-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

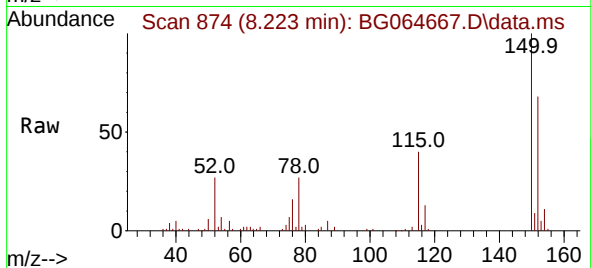
Quant Time: Oct 31 23:30:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



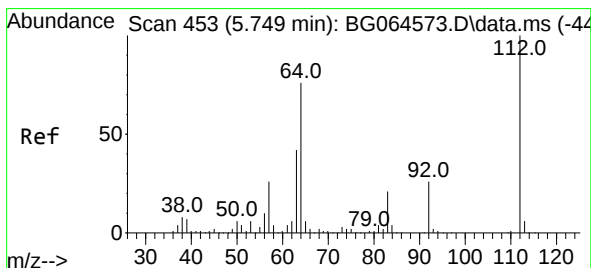
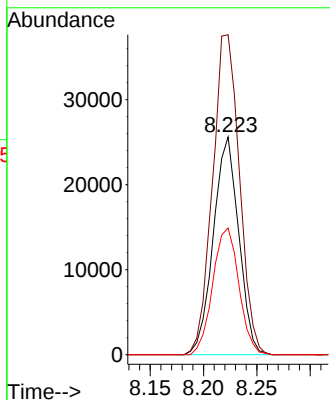
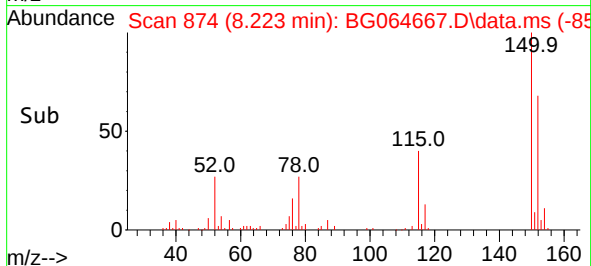


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG064667.D
Acq: 31 Oct 2025 22:22

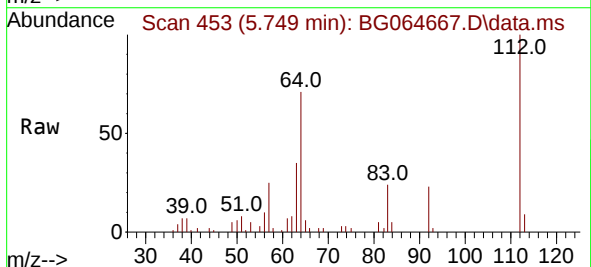
Instrument :
BNA_G
ClientSampleId :



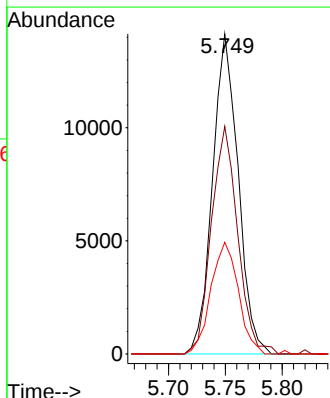
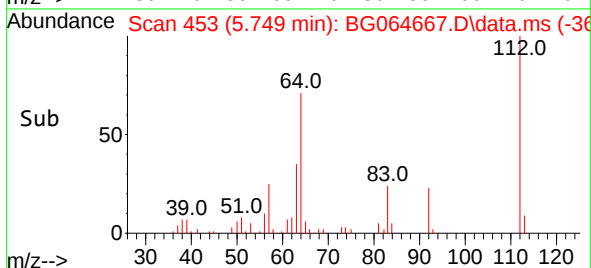
Tgt Ion:152 Resp: 42387
Ion Ratio Lower Upper
152 100
150 147.0 122.2 183.4
115 58.2 50.8 76.2

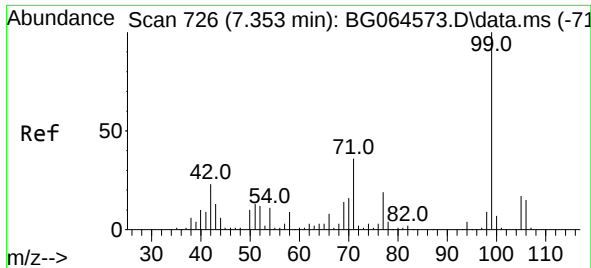


#5
2-Fluorophenol
Concen: 8.768 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064667.D
Acq: 31 Oct 2025 22:22



Tgt Ion:112 Resp: 22143
Ion Ratio Lower Upper
112 100
64 71.1 60.7 91.1
63 34.9 33.4 50.0

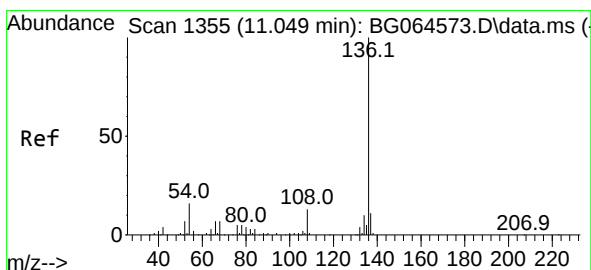
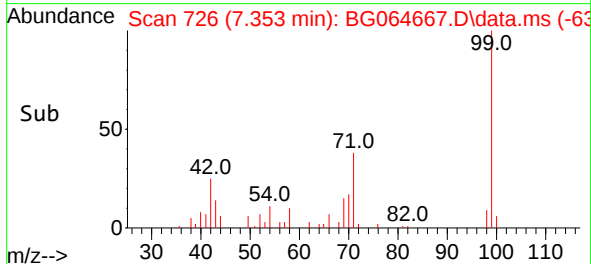
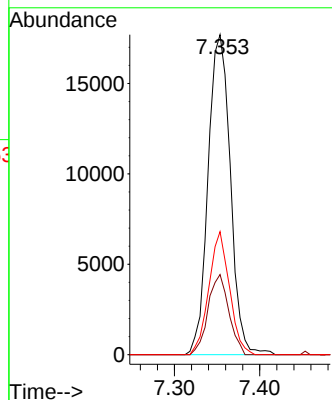
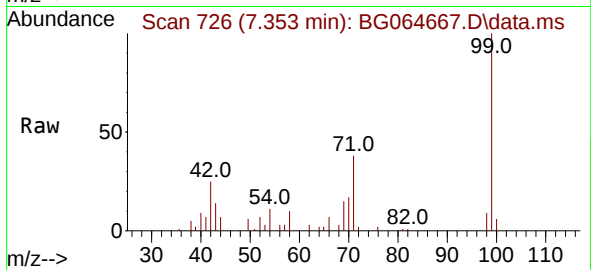




#7
Phenol-d6
Concen: 9.269 ng
RT: 7.353 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064667.D
Acq: 31 Oct 2025 22:22

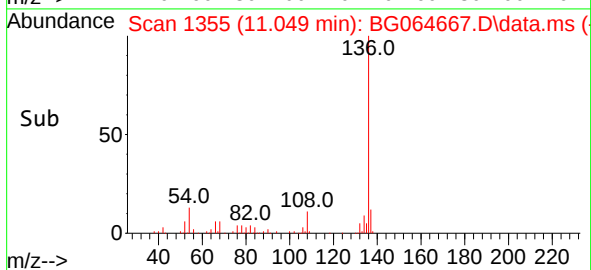
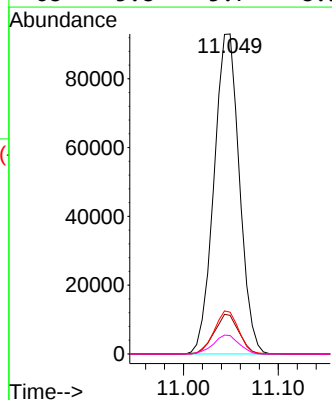
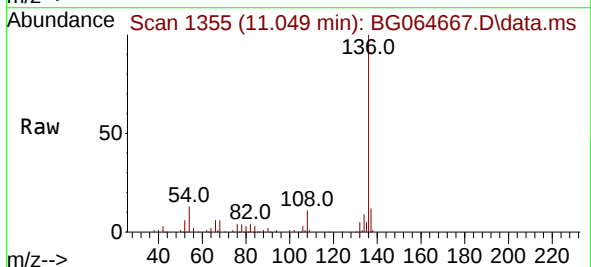
Instrument :
BNA_G
ClientSampleId :

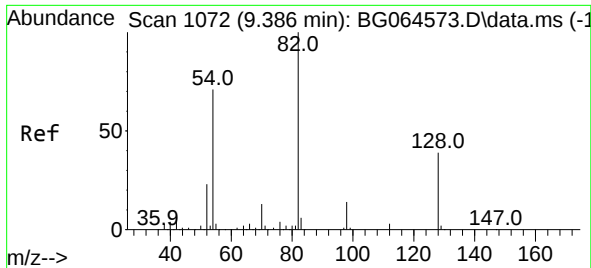
Tgt Ion: 99 Resp: 32118
Ion Ratio Lower Upper
99 100
42 25.1 18.3 27.5
71 38.4 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1355
Delta R.T. -0.003 min
Lab File: BG064667.D
Acq: 31 Oct 2025 22:22

Tgt Ion:136 Resp: 173187
Ion Ratio Lower Upper
136 100
137 12.0 9.2 13.8
54 13.1 12.6 19.0
68 5.8 5.7 8.5

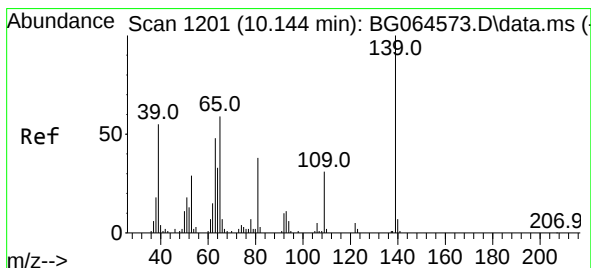
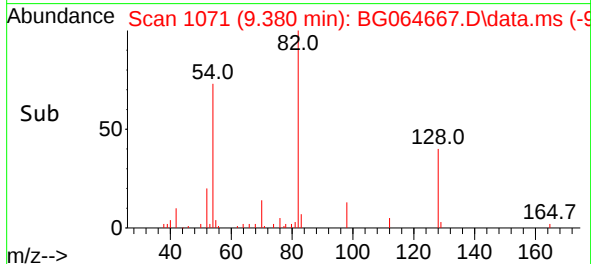
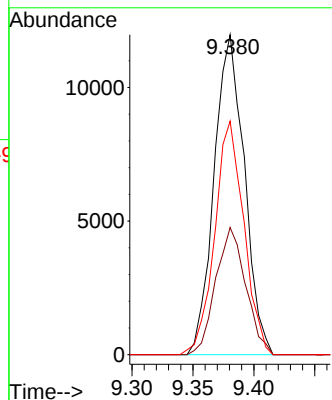
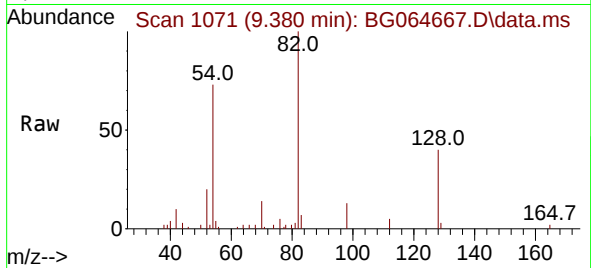




#23
Nitrobenzene-d5
Concen: 7.169 ng
RT: 9.380 min Scan# 1072
Delta R.T. -0.010 min
Lab File: BG064667.D
Acq: 31 Oct 2025 22:22

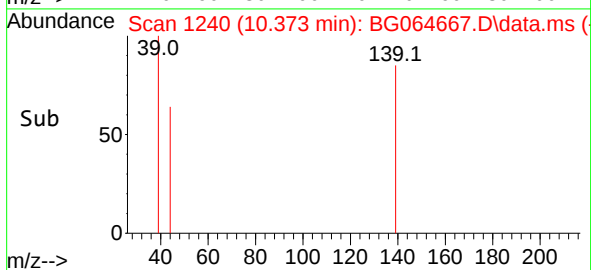
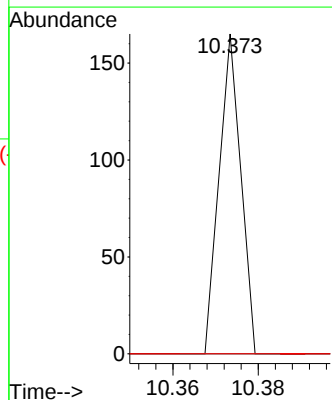
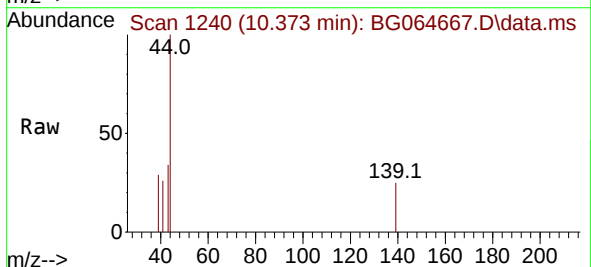
Instrument :
BNA_G
ClientSampleId :

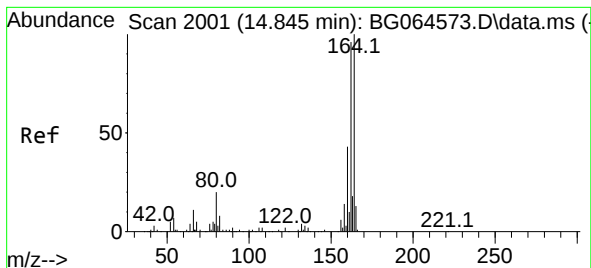
Tgt Ion: 82 Resp: 20671
Ion Ratio Lower Upper
82 100
128 39.8 31.3 46.9
54 73.0 56.6 84.8



#26
2-Nitrophenol
Concen: 3.176 ng
RT: 10.373 min Scan# 1240
Delta R.T. 0.225 min
Lab File: BG064667.D
Acq: 31 Oct 2025 22:22

Tgt Ion:139 Resp: 58
Ion Ratio Lower Upper
139 100
109 0.0 24.6 37.0#
65 0.0 47.5 71.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.839 min Scan# 2000

Delta R.T. -0.003 min

Lab File: BG064667.D

Acq: 31 Oct 2025 22:22

Instrument :

BNA_G

ClientSampleId :

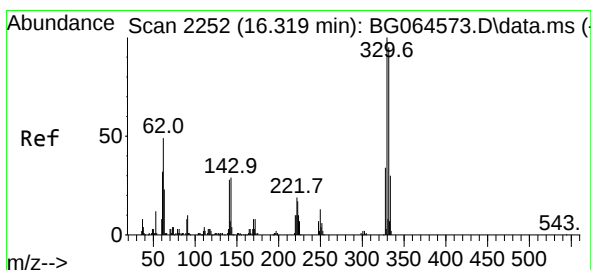
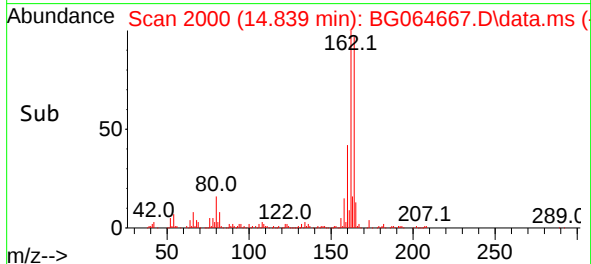
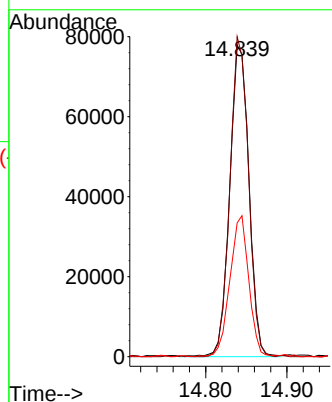
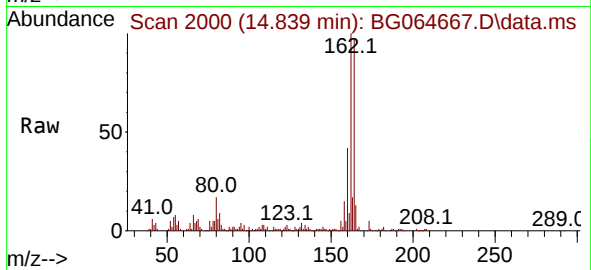
Tgt Ion:164 Resp: 127980

Ion Ratio Lower Upper

164 100

162 102.7 77.0 115.6

160 42.9 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 9.637 ng

RT: 16.319 min Scan# 2252

Delta R.T. -0.004 min

Lab File: BG064667.D

Acq: 31 Oct 2025 22:22

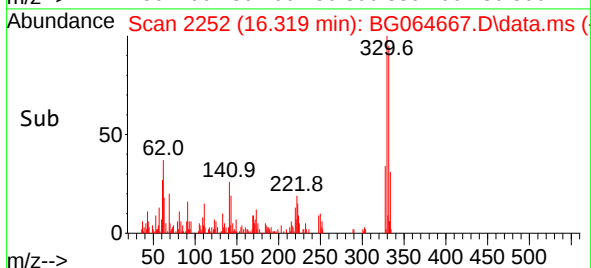
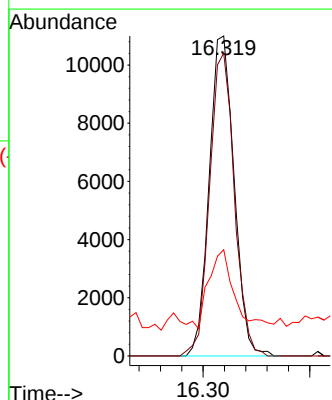
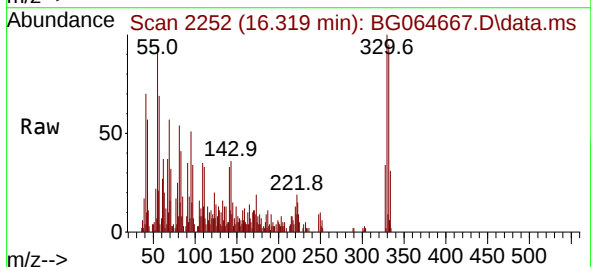
Tgt Ion:330 Resp: 17801

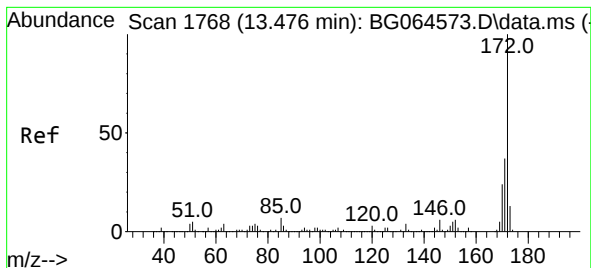
Ion Ratio Lower Upper

330 100

332 94.2 78.0 117.0

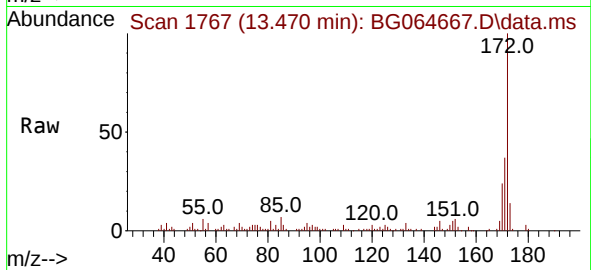
141 21.6 21.8 32.6#



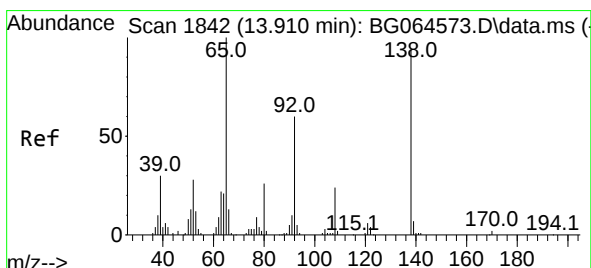
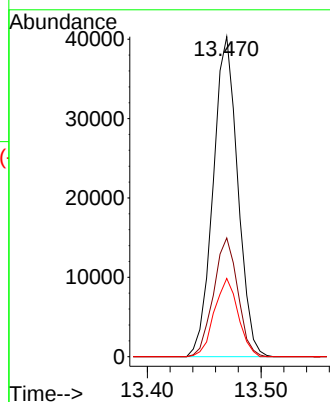
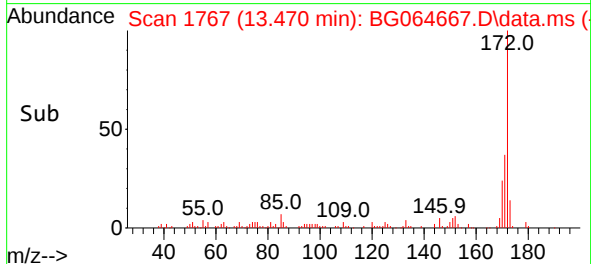


#45
2-Fluorobiphenyl
Concen: 7.182 ng
RT: 13.470 min Scan# 1768
Delta R.T. -0.009 min
Lab File: BG064667.D
Acq: 31 Oct 2025 22:22

Instrument :
BNA_G
ClientSampleId :

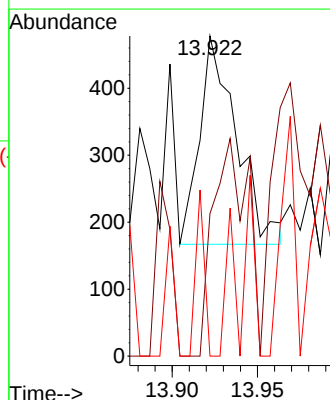
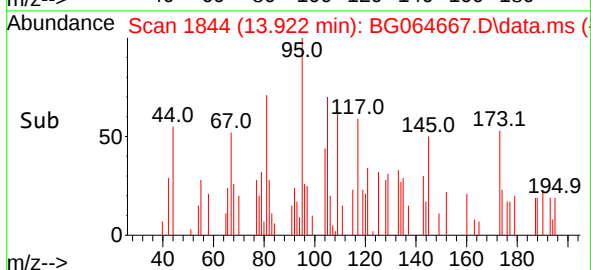
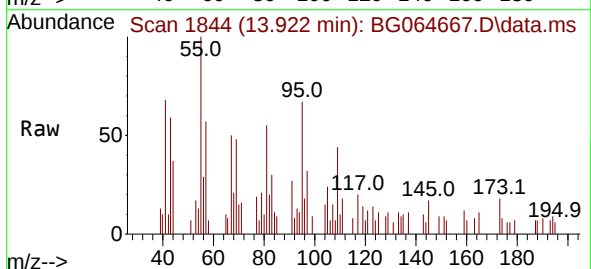


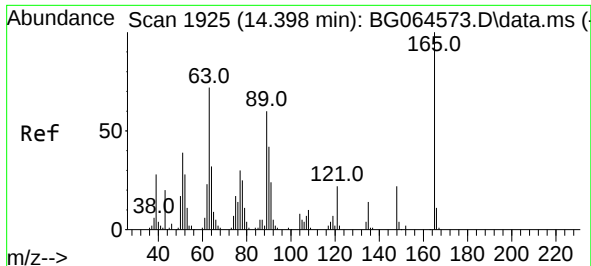
Tgt Ion:172 Resp: 60644
Ion Ratio Lower Upper
172 100
171 37.1 29.4 44.0
170 24.5 19.1 28.7



#48
2-Nitroaniline
Concen: 3.415 ng
RT: 13.922 min Scan# 1844
Delta R.T. 0.008 min
Lab File: BG064667.D
Acq: 31 Oct 2025 22:22

Tgt Ion: 65 Resp: 471
Ion Ratio Lower Upper
65 100
92 44.6 48.3 72.5#
138 0.0 74.9 112.3#

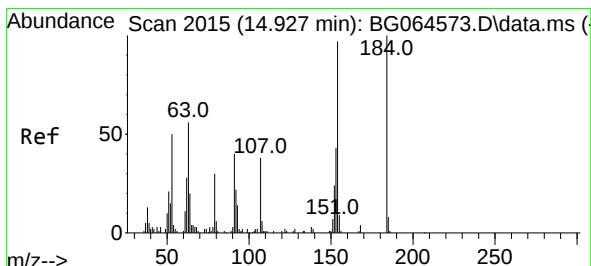
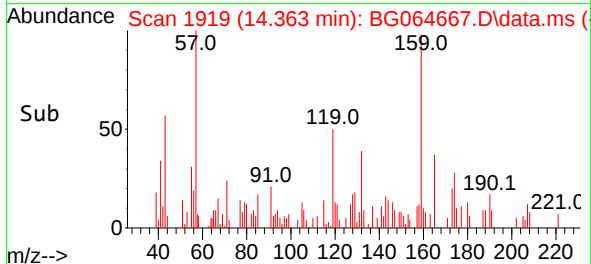
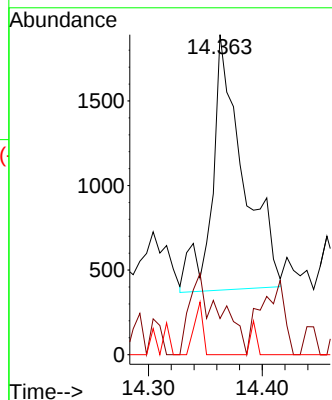
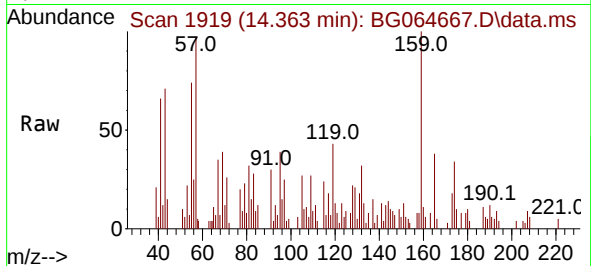




#51
2,6-Dinitrotoluene
Concen: 4.847 ng
RT: 14.363 min Scan# 1925
Delta R.T. -0.039 min
Lab File: BG064667.D
Acq: 31 Oct 2025 22:22

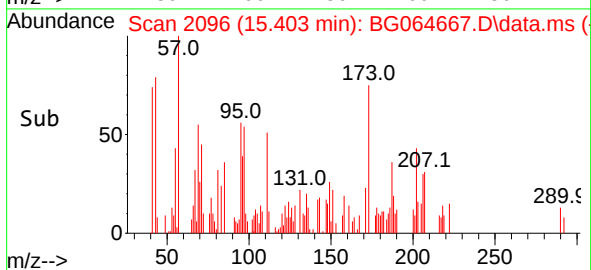
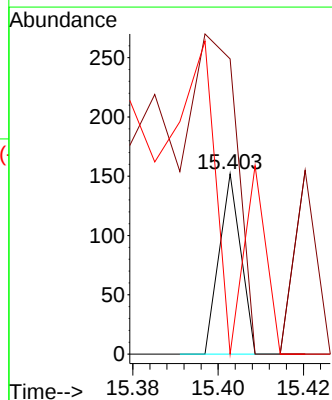
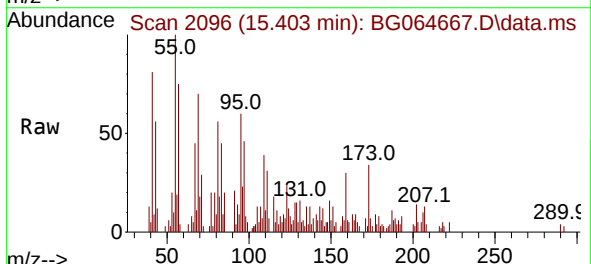
Instrument :
BNA_G
ClientSampleId :

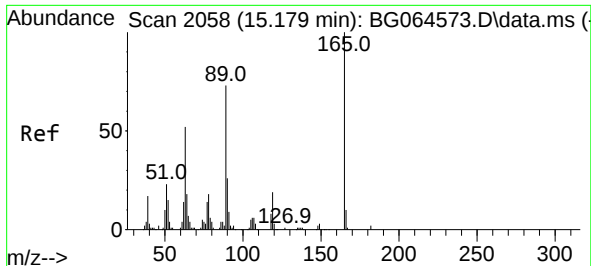
Tgt Ion:165 Resp: 2862
Ion Ratio Lower Upper
165 100
63 11.3 57.4 86.0#
89 0.0 47.8 71.8#



#54
2,4-Dinitrophenol
Concen: 5.622 ng
RT: 15.403 min Scan# 2096
Delta R.T. 0.473 min
Lab File: BG064667.D
Acq: 31 Oct 2025 22:22

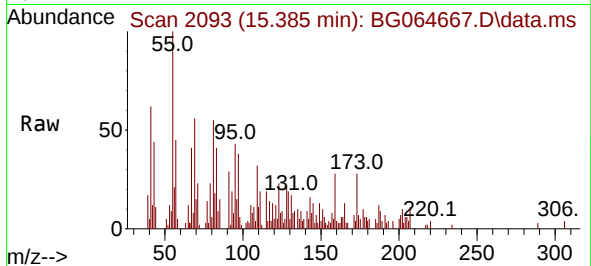
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 163.8 56.6 85.0#
154 0.0 158.6 238.0#



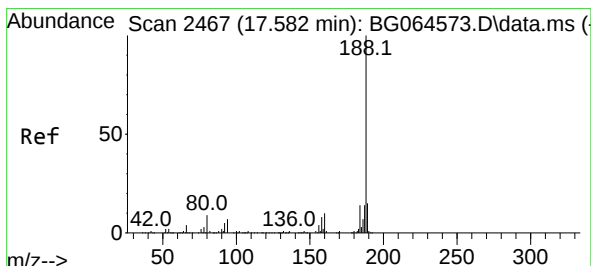
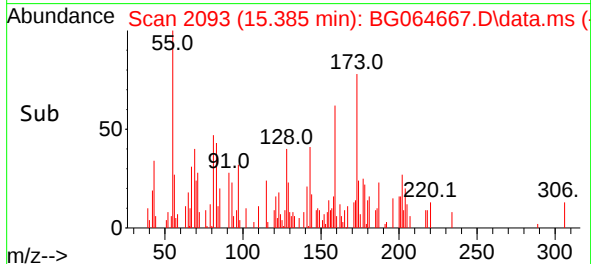
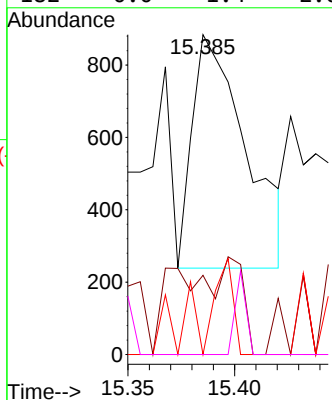


#57
2,4-Dinitrotoluene
Concen: 3.471 ng
RT: 15.385 min Scan# 2058
Delta R.T. 0.196 min
Lab File: BG064667.D
Acq: 31 Oct 2025 22:22

Instrument :
BNA_G
ClientSampleId :

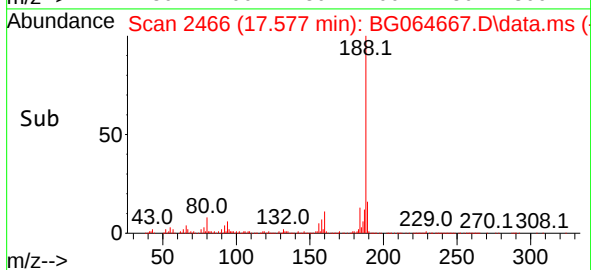
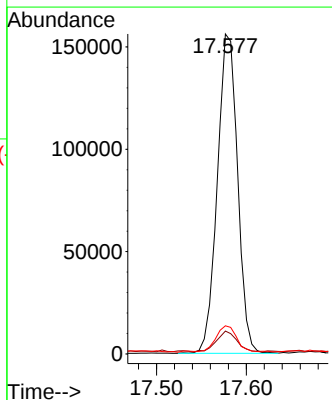
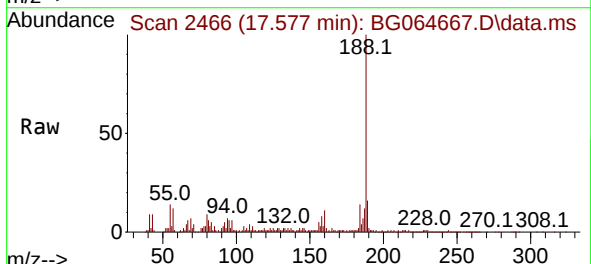


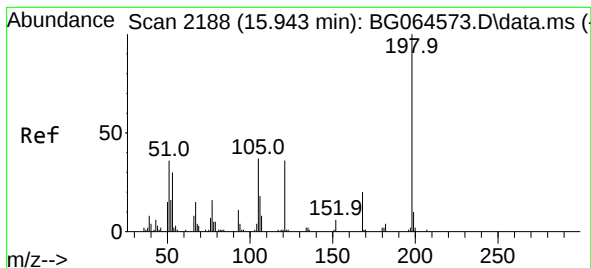
Tgt Ion:165 Resp: 1122
Ion Ratio Lower Upper
165 100
63 24.8 41.8 62.8#
89 0.0 58.1 87.1#
182 0.0 1.4 2.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.003 min
Lab File: BG064667.D
Acq: 31 Oct 2025 22:22

Tgt Ion:188 Resp: 244870
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 8.8 6.8 10.2

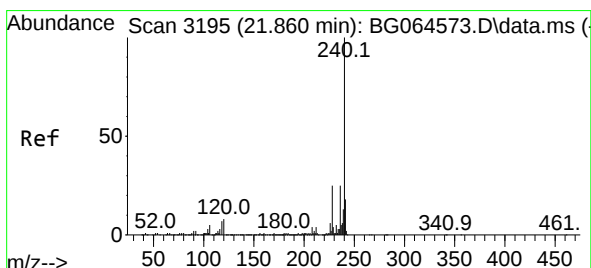
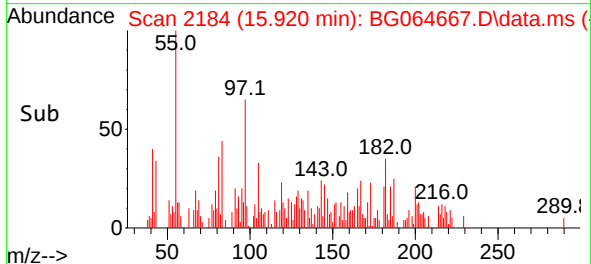
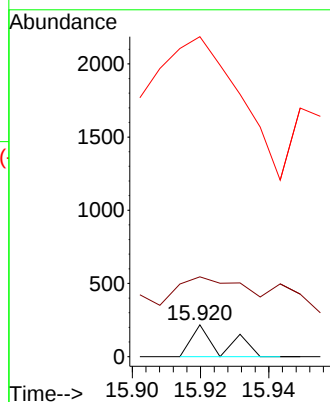
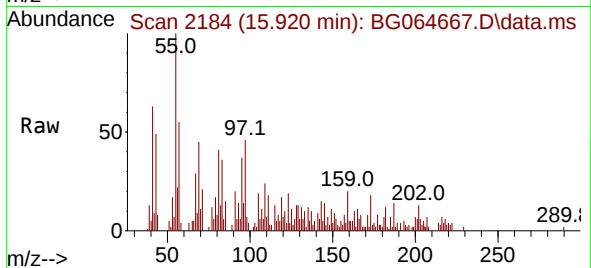




#65
4,6-Dinitro-2-methylphenol
Concen: 5.534 ng
RT: 15.920 min Scan# 2188
Delta R.T. -0.027 min
Lab File: BG064667.D
Acq: 31 Oct 2025 22:22

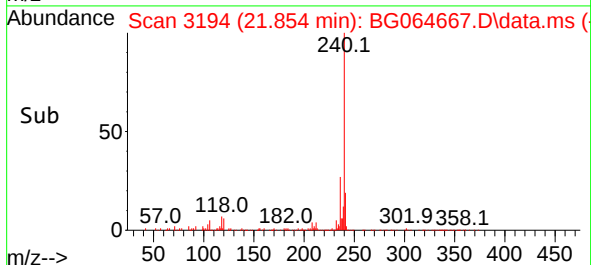
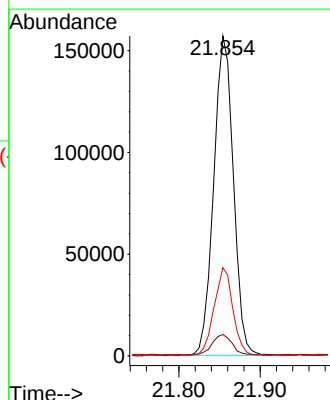
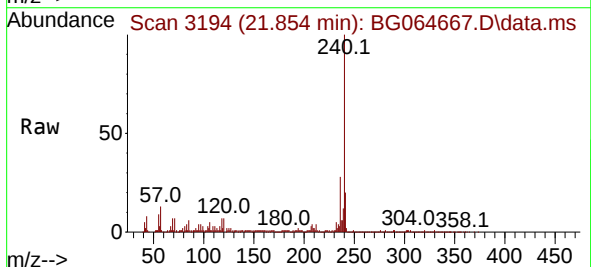
Instrument :
BNA_G
ClientSampleId :

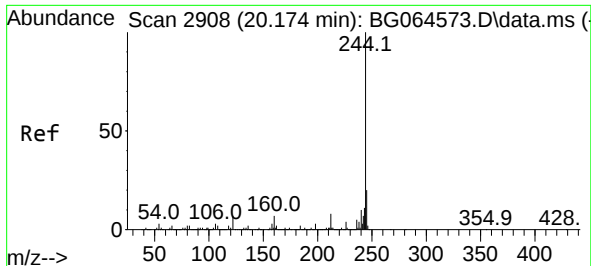
Tgt Ion:198 Resp: 130
Ion Ratio Lower Upper
198 100
51 251.2 24.7 64.7#
105 1007.4 18.0 58.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3194
Delta R.T. -0.009 min
Lab File: BG064667.D
Acq: 31 Oct 2025 22:22

Tgt Ion:240 Resp: 264459
Ion Ratio Lower Upper
240 100
120 6.7 6.5 9.7
236 27.6 20.2 30.2

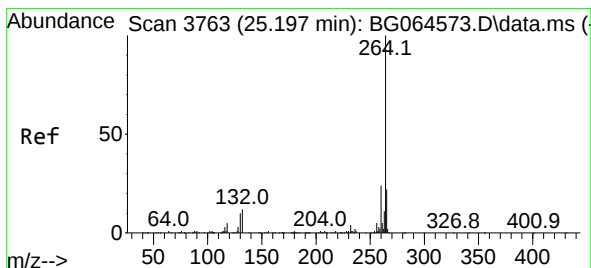
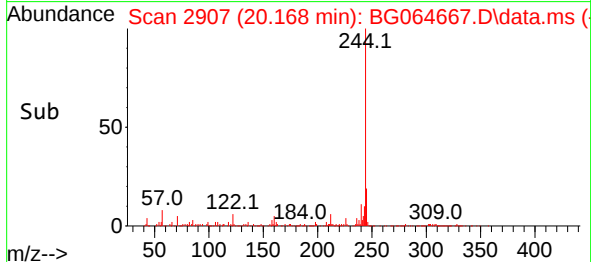
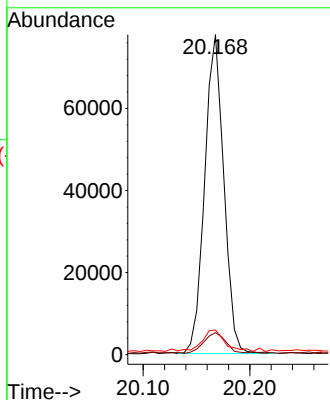
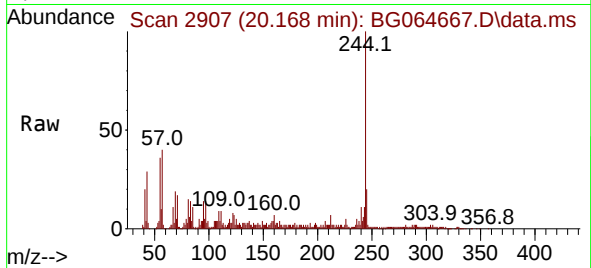




#79
Terphenyl-d14
Concen: 6.939 ng
RT: 20.168 min Scan# 2907
Delta R.T. -0.009 min
Lab File: BG064667.D
Acq: 31 Oct 2025 22:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 97239
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 7.7 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.203 min Scan# 3764
Delta R.T. 0.002 min
Lab File: BG064667.D
Acq: 31 Oct 2025 22:22

Tgt Ion:264 Resp: 308053
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.4
265 21.0 17.6 26.4

