

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
 Data File : BG064663.D
 Acq On : 31 Oct 2025 19:38
 Operator : RC/JU
 Sample : Q3503-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 324

Quant Time: Oct 31 23:28:45 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)

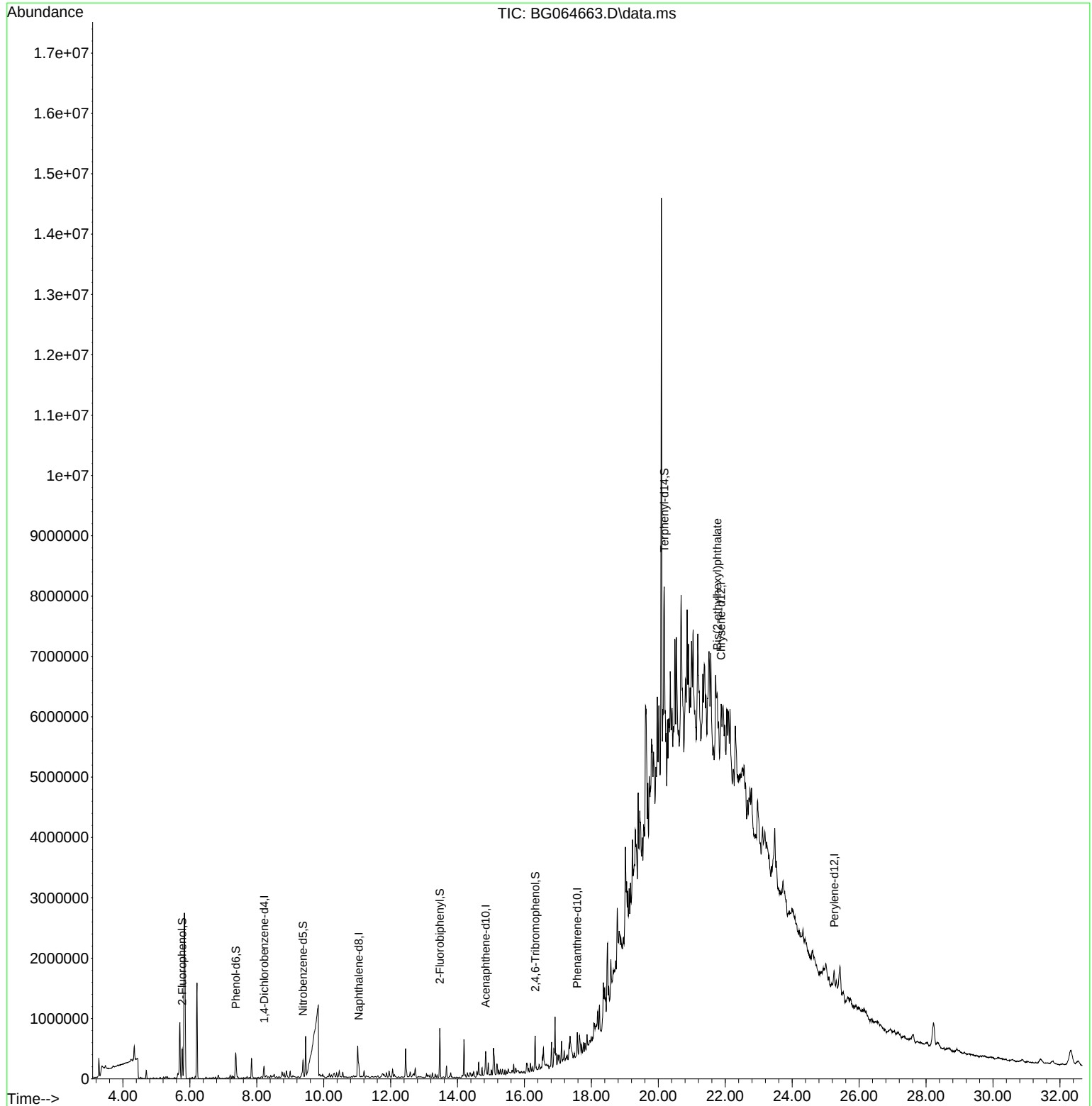
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	46794	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	179589	20.000	ng	# 0.00
39) Acenaphthene-d10	14.839	164	133179	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	262762	20.000	ng	0.00
76) Chrysene-d12	21.878	240	261190	20.000	ng	0.01
86) Perylene-d12	25.256	264	306041	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.773	112	173460	62.220	ng	0.03
7) Phenol-d6	7.371	99	254792	66.603	ng	0.01
23) Nitrobenzene-d5	9.381	82	153858	51.457	ng	0.00
42) 2,4,6-Tribromophenol	16.320	330	129848	67.553	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	417722	47.542	ng	0.00
79) Terphenyl-d14	20.180	244	664232	47.993	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.760	149	252511	32.765	ng	Qvalue # 92

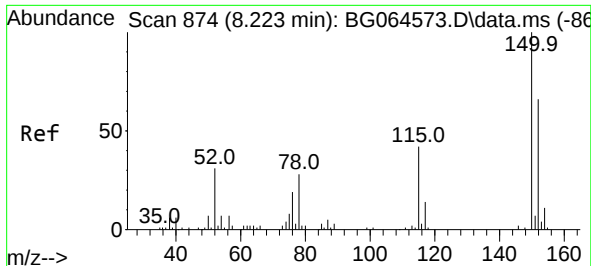
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
Data File : BG064663.D
Acq On : 31 Oct 2025 19:38
Operator : RC/JU
Sample : Q3503-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
324

Quant Time: Oct 31 23:28:45 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

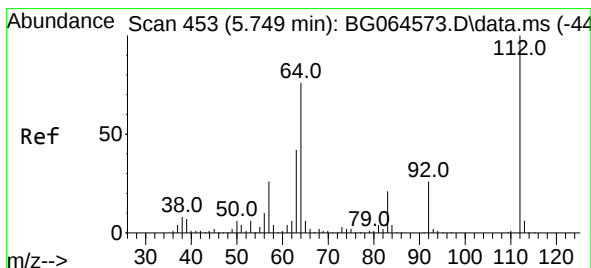
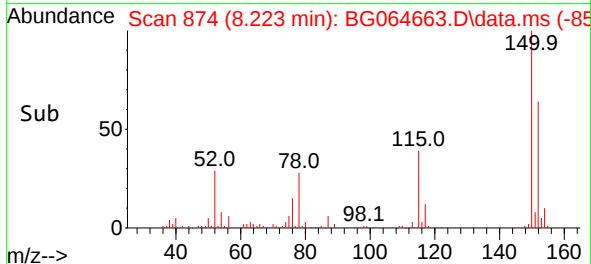
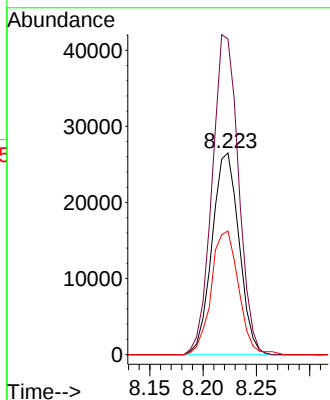
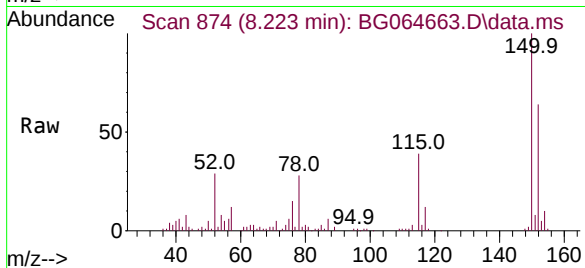




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG064663.D
Acq: 31 Oct 2025 19:38

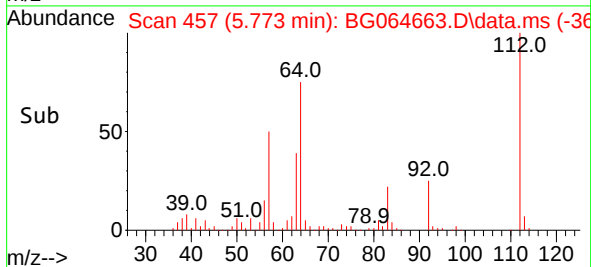
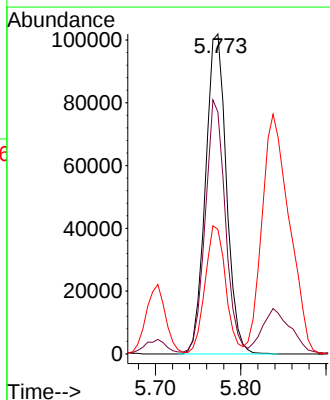
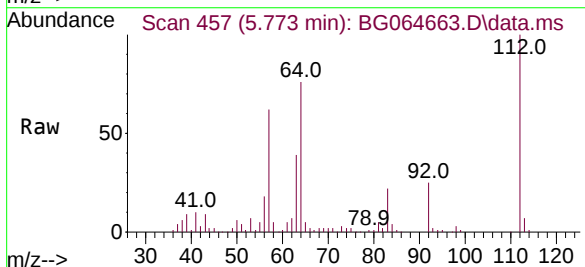
Instrument :
BNA_G
ClientSampleId :
324

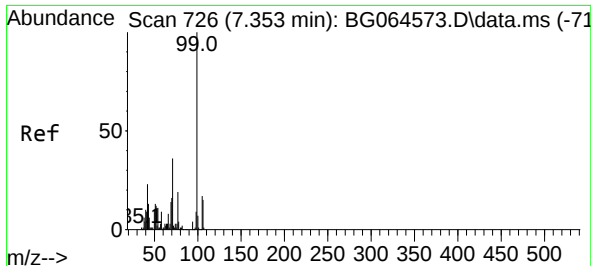
Tgt Ion:152 Resp: 46794
Ion Ratio Lower Upper
152 100
150 156.5 122.2 183.4
115 61.3 50.8 76.2



#5
2-Fluorophenol
Concen: 62.220 ng
RT: 5.773 min Scan# 457
Delta R.T. 0.026 min
Lab File: BG064663.D
Acq: 31 Oct 2025 19:38

Tgt Ion:112 Resp: 173460
Ion Ratio Lower Upper
112 100
64 75.6 60.7 91.1
63 38.9 33.4 50.0

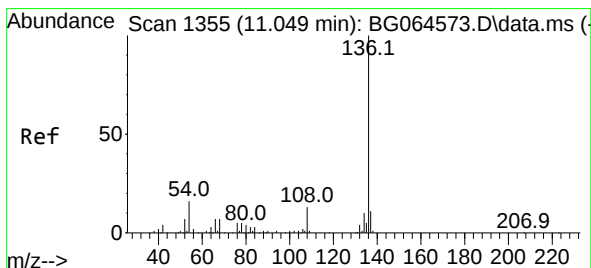
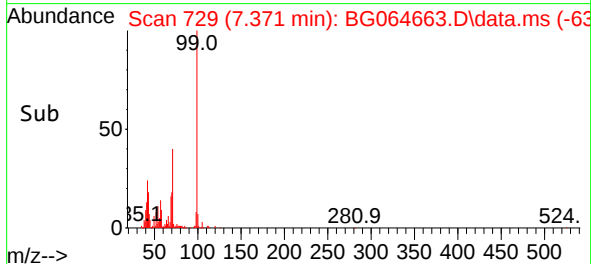
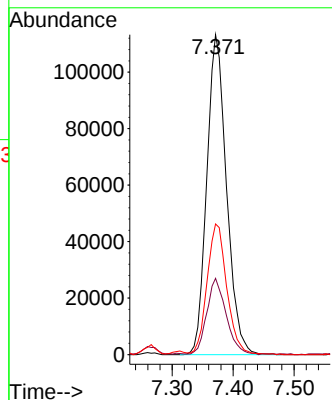
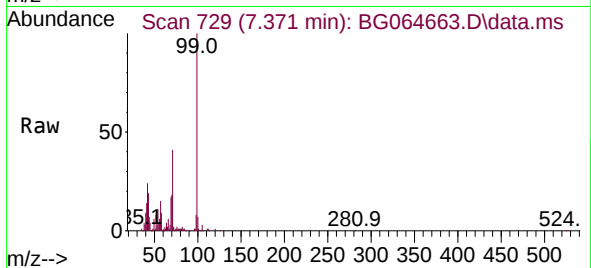




#7
Phenol-d6
Concen: 66.603 ng
RT: 7.371 min Scan# 71
Delta R.T. 0.014 min
Lab File: BG064663.D
Acq: 31 Oct 2025 19:38

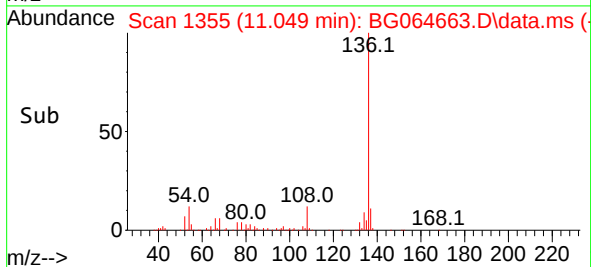
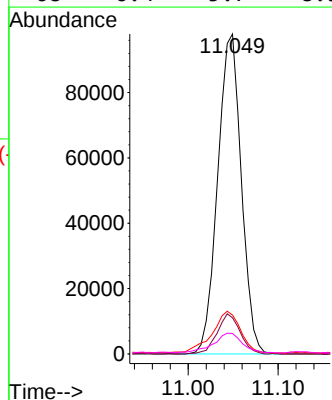
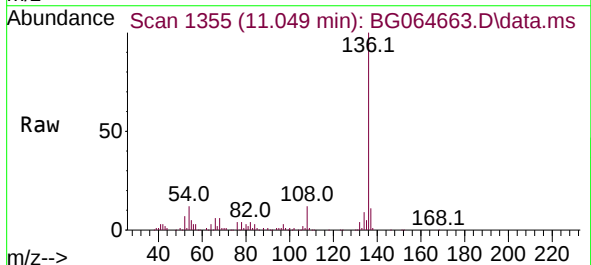
Instrument :
BNA_G
ClientSampleId :
324

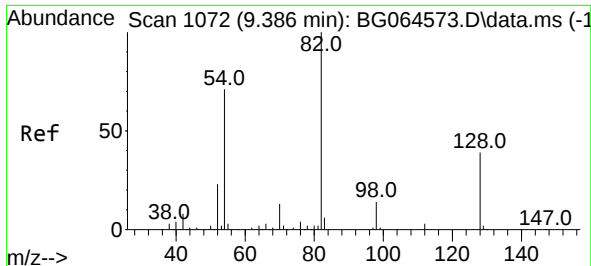
Tgt Ion: 99 Resp: 254792
Ion Ratio Lower Upper
99 100
42 23.8 18.3 27.5
71 40.8 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1355
Delta R.T. -0.003 min
Lab File: BG064663.D
Acq: 31 Oct 2025 19:38

Tgt Ion: 136 Resp: 179589
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 12.2 12.6 19.0#
68 6.4 5.7 8.5

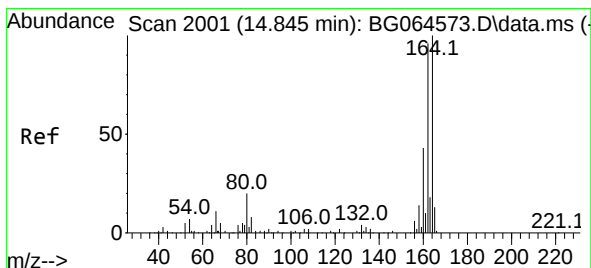
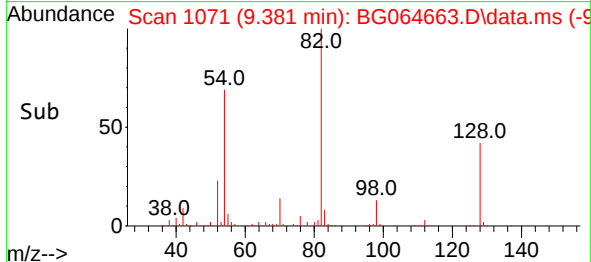
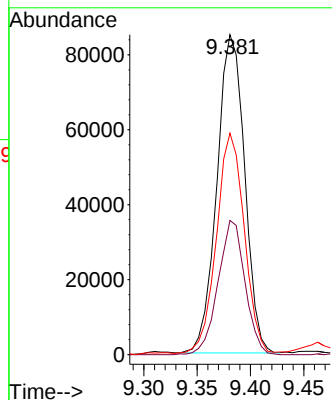
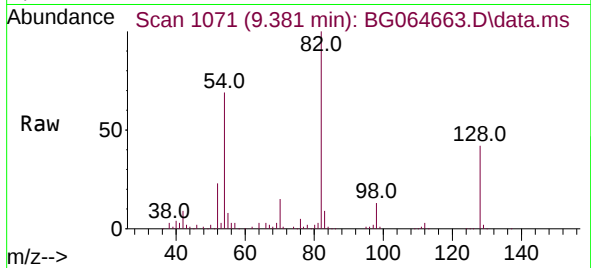




#23
Nitrobenzene-d5
Concen: 51.457 ng
RT: 9.381 min Scan# 1071
Delta R.T. -0.009 min
Lab File: BG064663.D
Acq: 31 Oct 2025 19:38

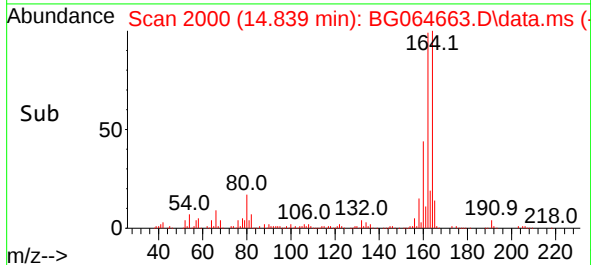
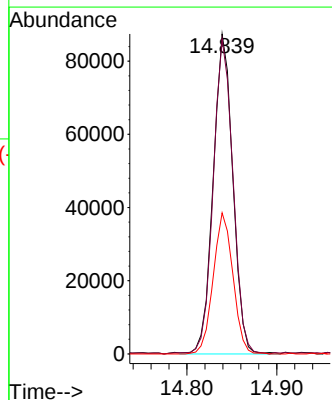
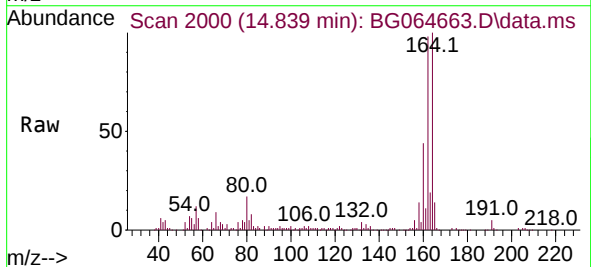
Instrument :
BNA_G
ClientSampleId :
324

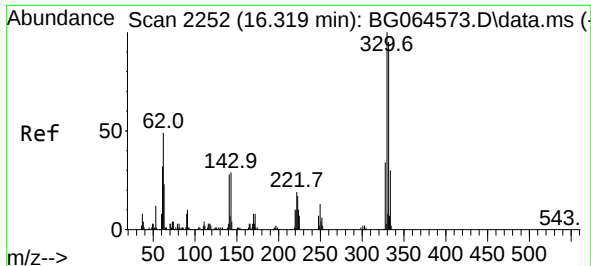
Tgt Ion: 82 Resp: 153858
Ion Ratio Lower Upper
82 100
128 41.9 31.3 46.9
54 69.2 56.6 84.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064663.D
Acq: 31 Oct 2025 19:38

Tgt Ion: 164 Resp: 133179
Ion Ratio Lower Upper
164 100
162 98.4 77.0 115.6
160 44.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 67.553 ng

RT: 16.320 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064663.D

Acq: 31 Oct 2025 19:38

Instrument :

BNA_G

ClientSampleId :

324

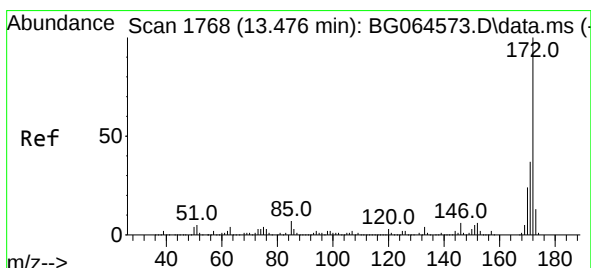
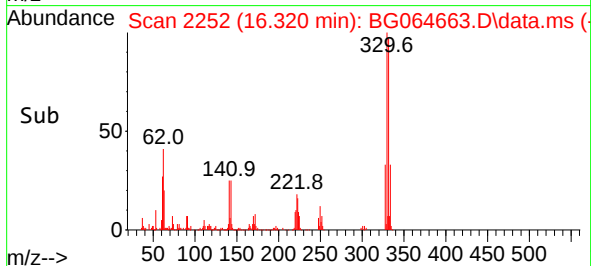
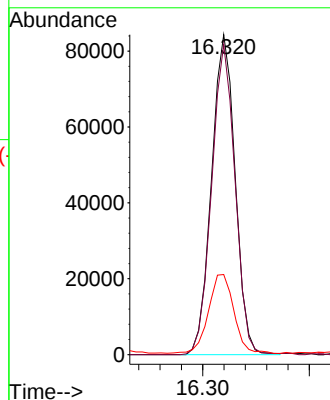
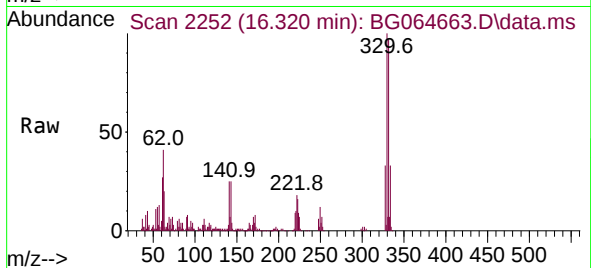
Tgt Ion:330 Resp: 129848

Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

141 26.6 21.8 32.6



#45

2-Fluorobiphenyl

Concen: 47.542 ng

RT: 13.470 min Scan# 1767

Delta R.T. -0.009 min

Lab File: BG064663.D

Acq: 31 Oct 2025 19:38

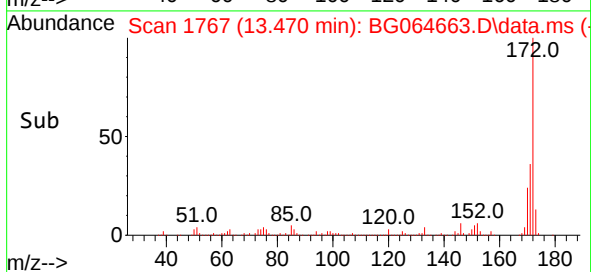
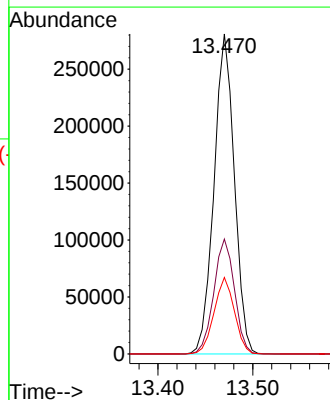
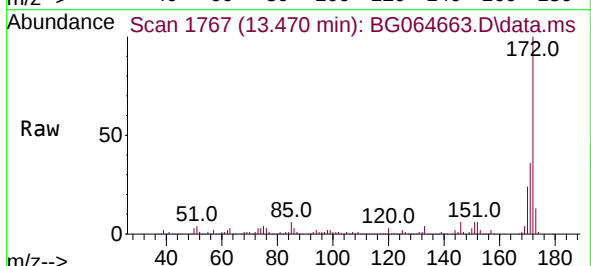
Tgt Ion:172 Resp: 417722

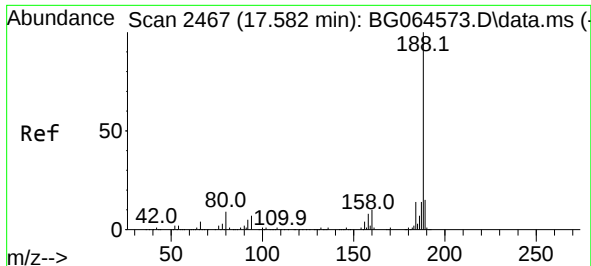
Ion Ratio Lower Upper

172 100

171 35.9 29.4 44.0

170 23.9 19.1 28.7

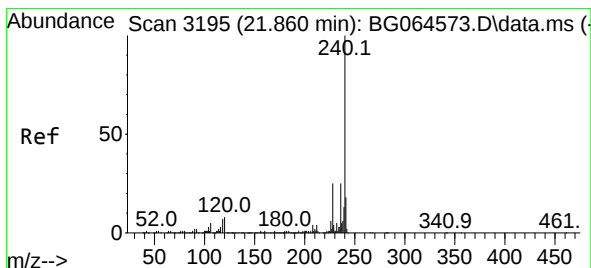
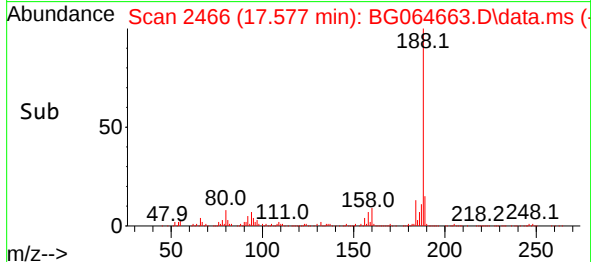
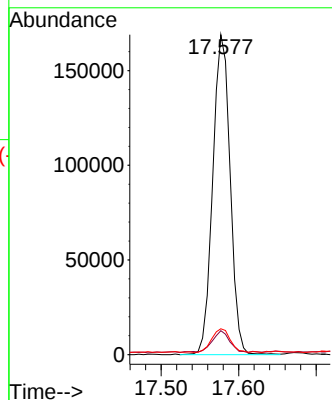
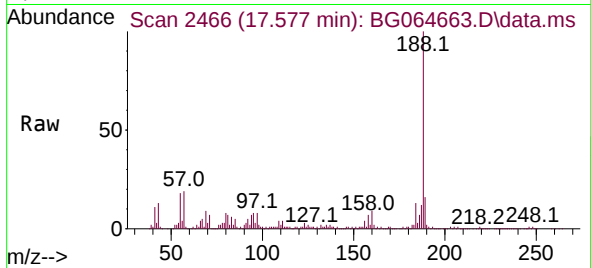




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.003 min
Lab File: BG064663.D
Acq: 31 Oct 2025 19:38

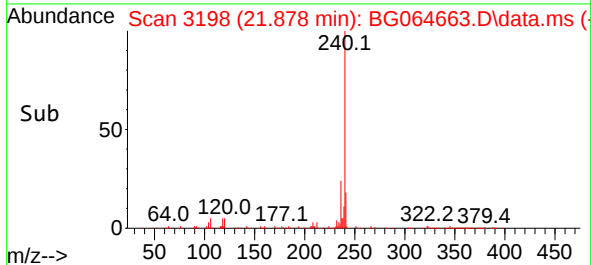
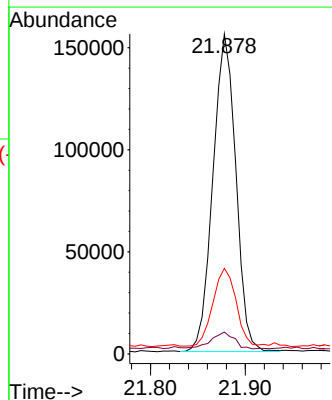
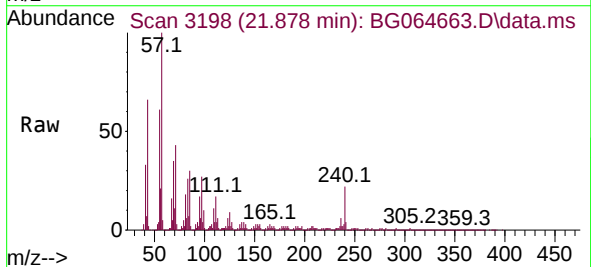
Instrument :
BNA_G
ClientSampleId :
324

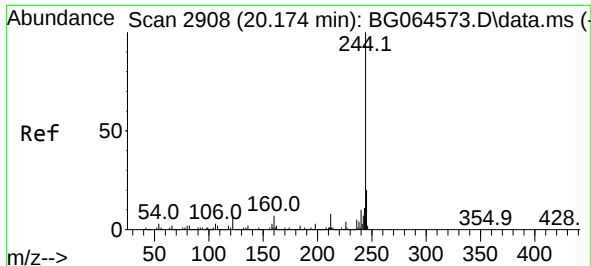
Tgt Ion:188 Resp: 262762
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 8.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.878 min Scan# 3198
Delta R.T. 0.014 min
Lab File: BG064663.D
Acq: 31 Oct 2025 19:38

Tgt Ion:240 Resp: 261190
Ion Ratio Lower Upper
240 100
120 6.8 6.5 9.7
236 26.7 20.2 30.2

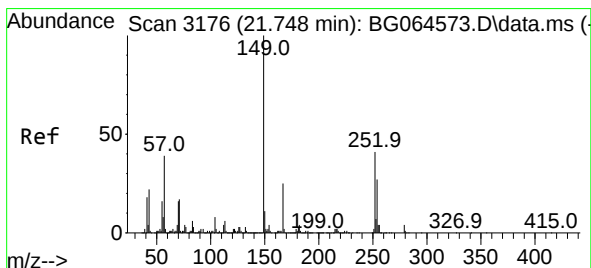
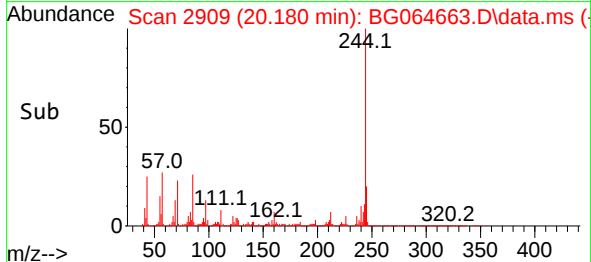
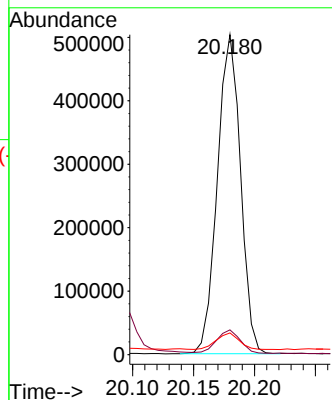
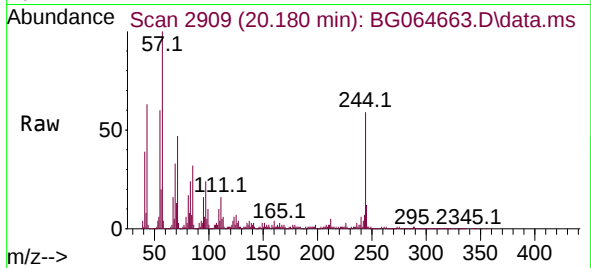




#79
 Terphenyl-d14
 Concen: 47.993 ng
 RT: 20.180 min Scan# 2908
 Delta R.T. 0.003 min
 Lab File: BG064663.D
 Acq: 31 Oct 2025 19:38

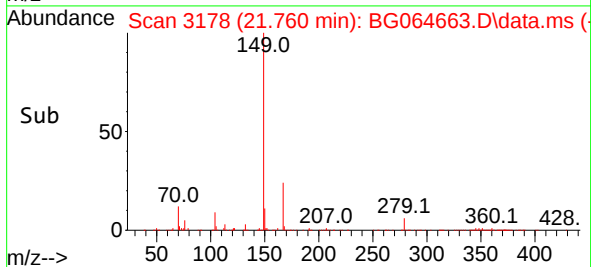
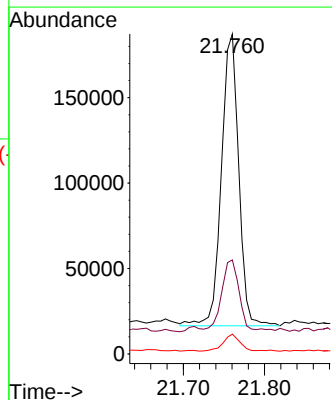
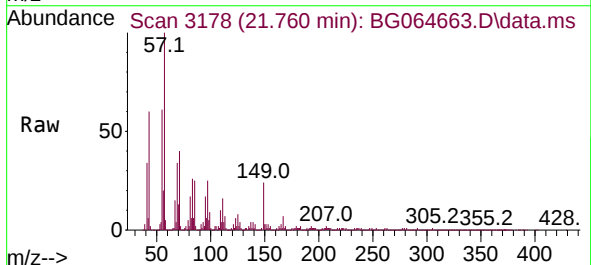
Instrument :
 BNA_G
 ClientSampleId :
 324

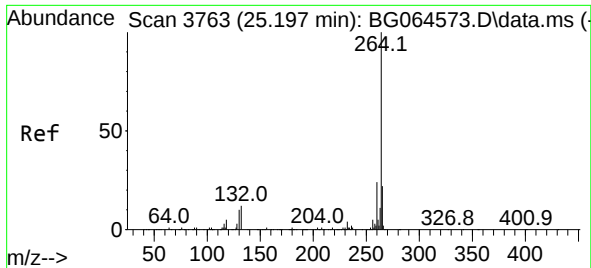
Tgt Ion:244 Resp: 664232
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 6.8 5.6 8.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 32.765 ng
 RT: 21.760 min Scan# 3178
 Delta R.T. 0.009 min
 Lab File: BG064663.D
 Acq: 31 Oct 2025 19:38

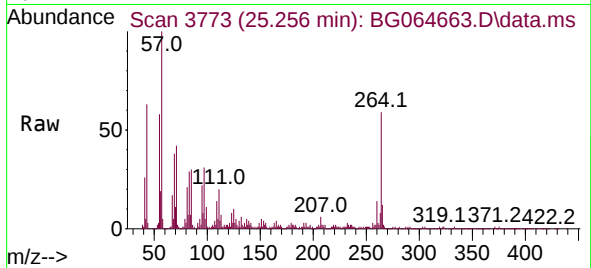
Tgt Ion:149 Resp: 252511
 Ion Ratio Lower Upper
 149 100
 167 29.4 20.0 30.0
 279 6.2 3.1 4.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.256 min Scan# 31
 Delta R.T. 0.056 min
 Lab File: BG064663.D
 Acq: 31 Oct 2025 19:38

Instrument :
 BNA_G
 ClientSampleId :
 324



Tgt Ion:	264	Resp:	306041
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.4
265	20.3	17.6	26.4

