

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
 Data File : BG064603.D
 Acq On : 28 Oct 2025 15:51
 Operator : RC/JU
 Sample : Q3460-20
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-5

Quant Time: Oct 28 16:26:36 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	8.217	152	37080	20.000	ng	0.00
21) Naphthalene-d8	11.044	136	133563	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	89386	20.000	ng	0.00
64) Phenanthrene-d10	17.571	188	220906	20.000	ng	0.00
76) Chrysene-d12	21.849	240	297799	20.000	ng	-0.01
86) Perylene-d12	25.186	264	133211	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	292324	132.326	ng	0.00
7) Phenol-d6	7.348	99	327742	108.117	ng	0.00
23) Nitrobenzene-d5	9.381	82	232148	104.396	ng	0.00
42) 2,4,6-Tribromophenol	16.314	330	201354	156.075	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	578919	98.169	ng	0.00
79) Terphenyl-d14	20.168	244	1395793	88.452	ng	0.00

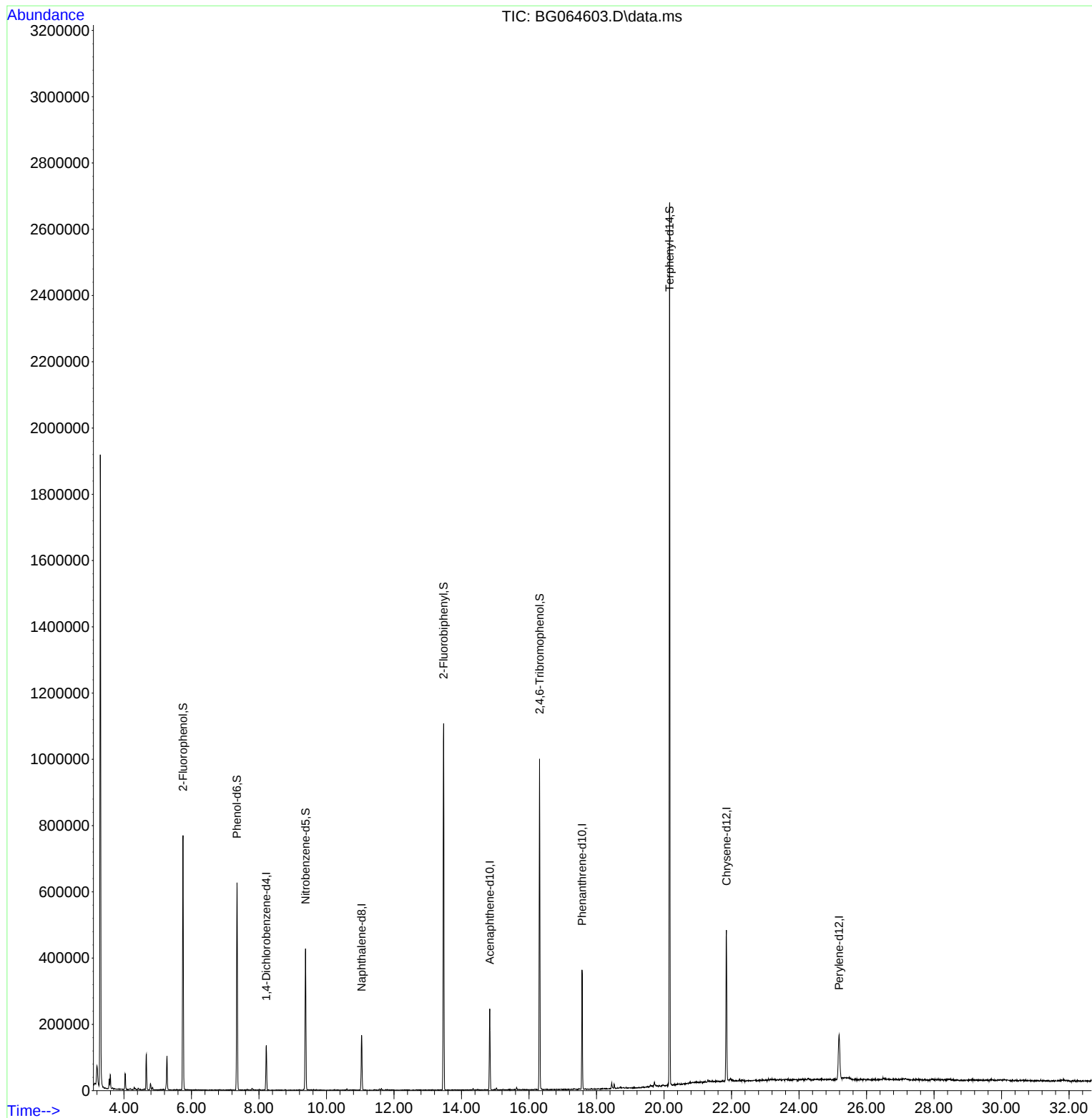
Target Compounds	Qvalue

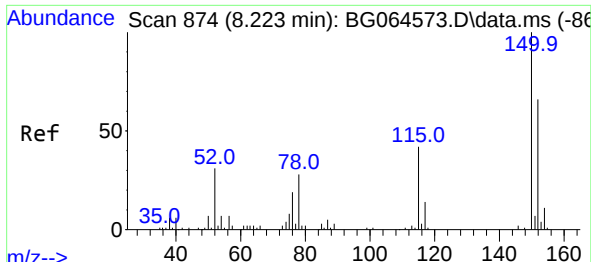
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064603.D
Acq On : 28 Oct 2025 15:51
Operator : RC/JU
Sample : Q3460-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-5

Quant Time: Oct 28 16:26:36 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

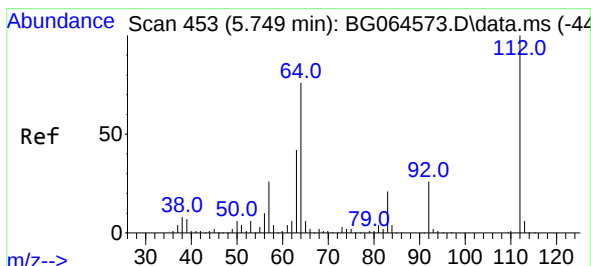
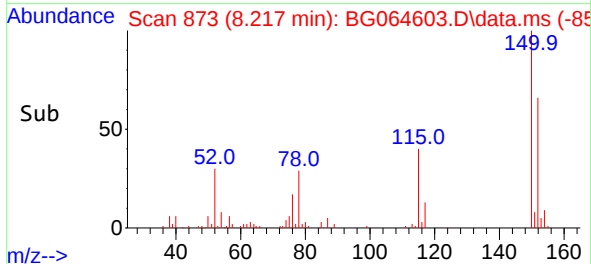
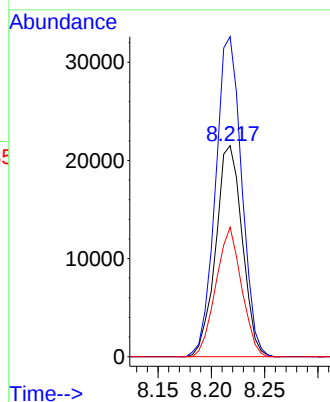
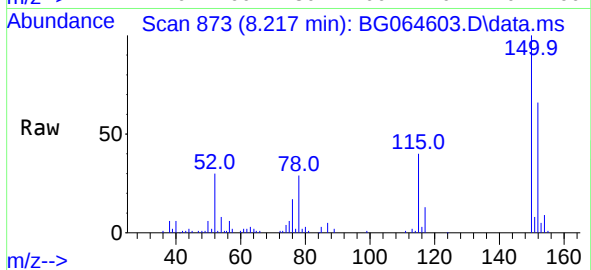




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064603.D
Acq: 28 Oct 2025 15:51

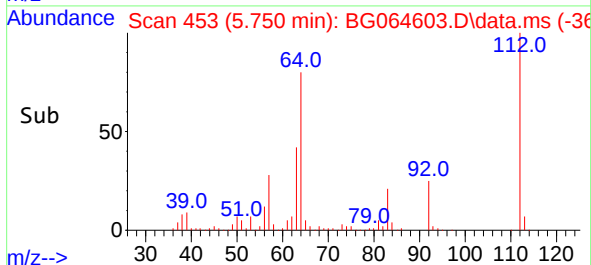
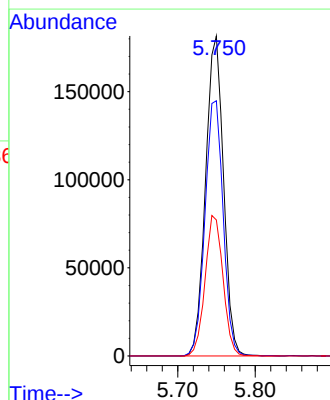
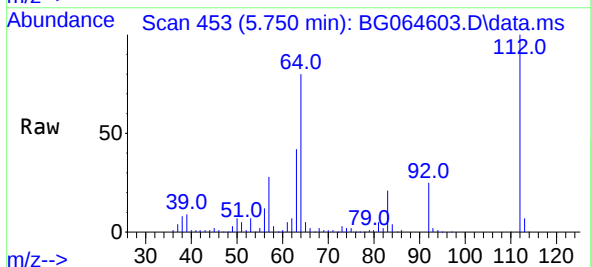
Instrument :
BNA_G
ClientSampleId :
WC-5

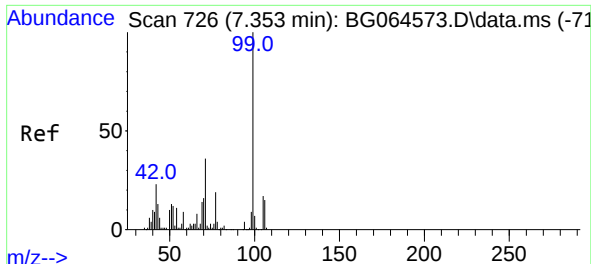
Tgt Ion:152 Resp: 37080
Ion Ratio Lower Upper
152 100
150 151.6 122.2 183.4
115 61.4 50.8 76.2



#5
2-Fluorophenol
Concen: 132.326 ng
RT: 5.750 min Scan# 453
Delta R.T. 0.003 min
Lab File: BG064603.D
Acq: 28 Oct 2025 15:51

Tgt Ion:112 Resp: 292324
Ion Ratio Lower Upper
112 100
64 79.7 60.7 91.1
63 42.5 33.4 50.0



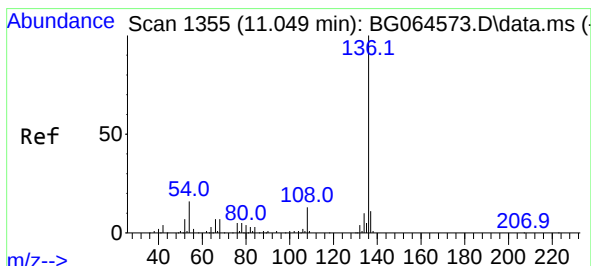
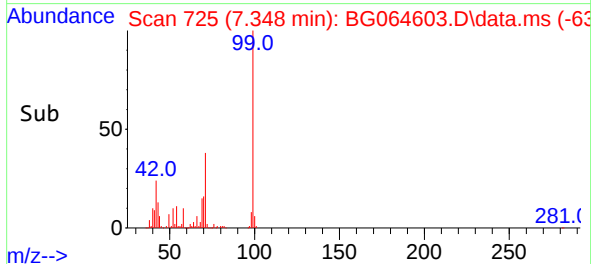
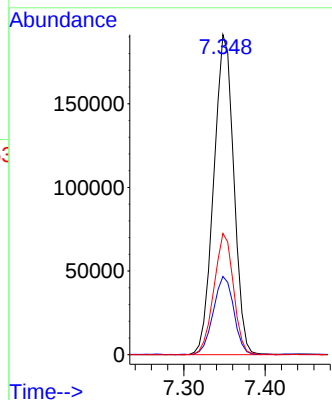
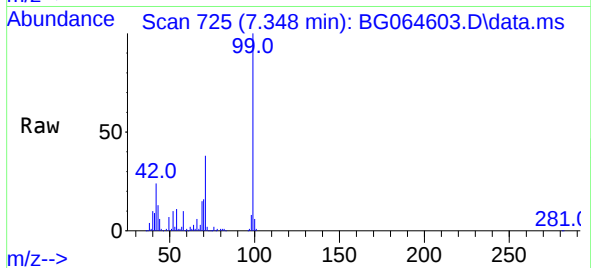


#7
Phenol-d6
Concen: 108.117 ng
RT: 7.348 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG064603.D
Acq: 28 Oct 2025 15:51

Instrument :
BNA_G
ClientSampleId :
WC-5

Tgt Ion: 99 Resp: 327742

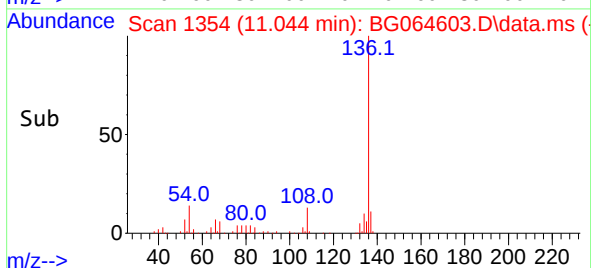
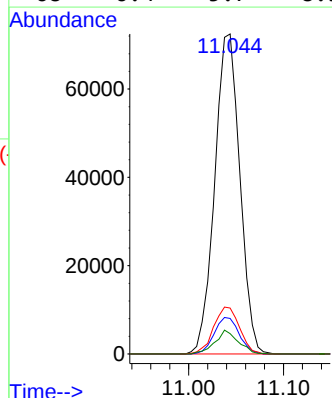
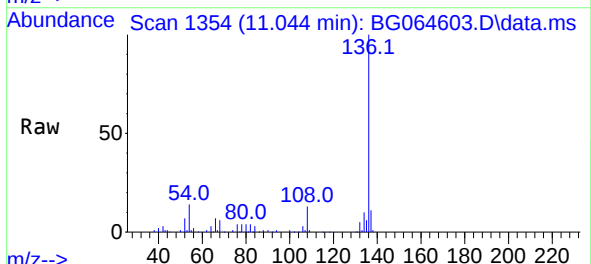
Ion	Ratio	Lower	Upper
99	100		
42	24.5	18.3	27.5
71	37.9	28.6	43.0

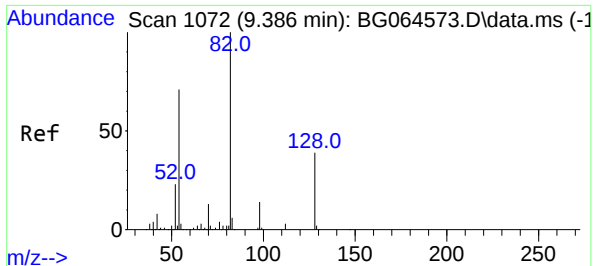


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.044 min Scan# 1354
Delta R.T. -0.009 min
Lab File: BG064603.D
Acq: 28 Oct 2025 15:51

Tgt Ion: 136 Resp: 133563

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	14.3	12.6	19.0
68	6.4	5.7	8.5





#23

Nitrobenzene-d5

Concen: 104.396 ng

RT: 9.381 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG064603.D

Acq: 28 Oct 2025 15:51

Instrument :

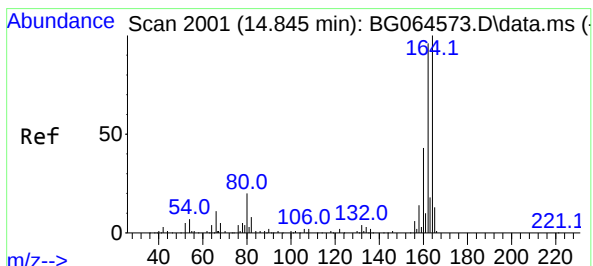
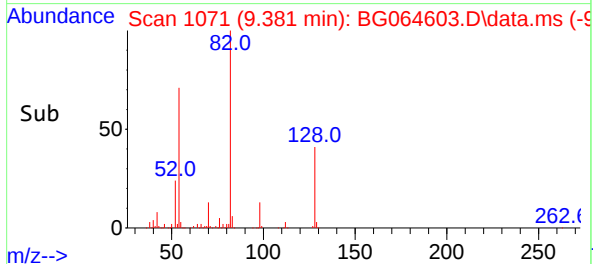
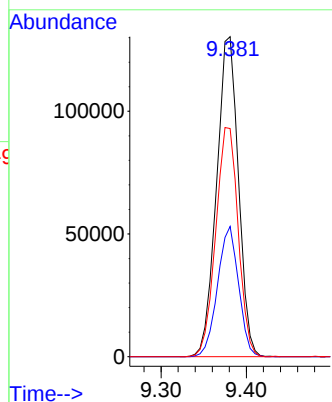
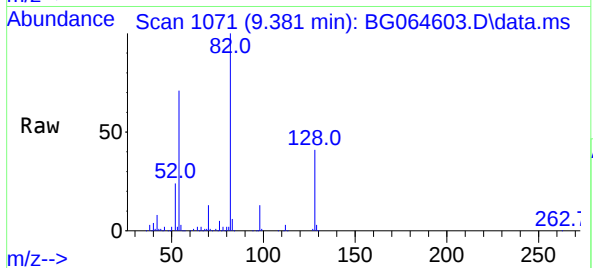
BNA_G

ClientSampleId :

WC-5

Tgt Ion: 82 Resp: 232148

Ion	Ratio	Lower	Upper
82	100		
128	40.7	31.3	46.9
54	71.3	56.6	84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.839 min Scan# 2000

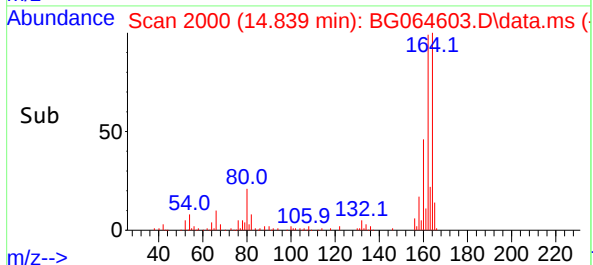
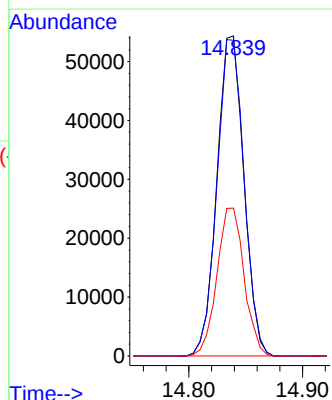
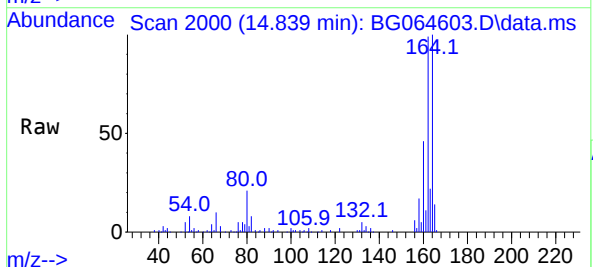
Delta R.T. -0.003 min

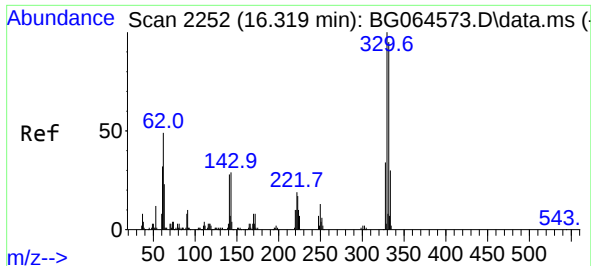
Lab File: BG064603.D

Acq: 28 Oct 2025 15:51

Tgt Ion: 164 Resp: 89386

Ion	Ratio	Lower	Upper
164	100		
162	98.7	77.0	115.6
160	46.2	34.4	51.6

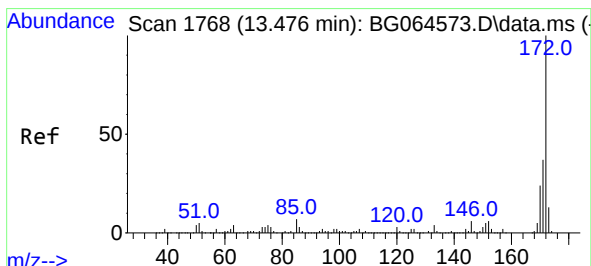
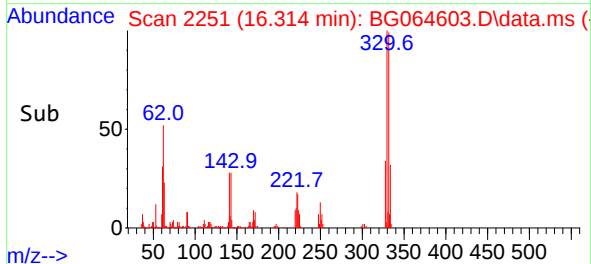
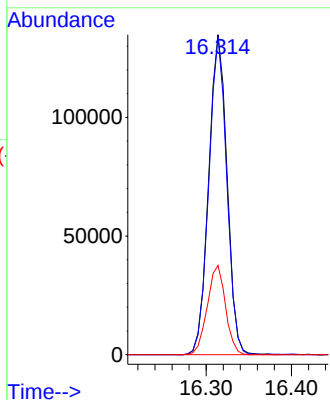
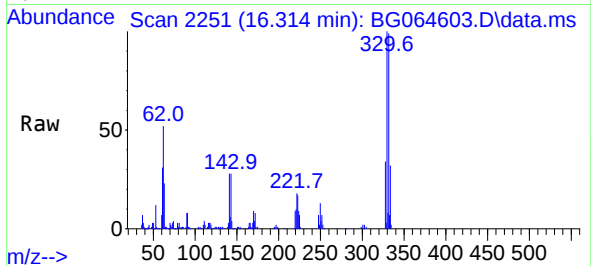




#42
2,4,6-Tribromophenol
Concen: 156.075 ng
RT: 16.314 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064603.D
Acq: 28 Oct 2025 15:51

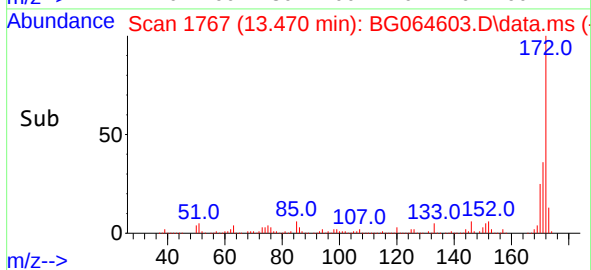
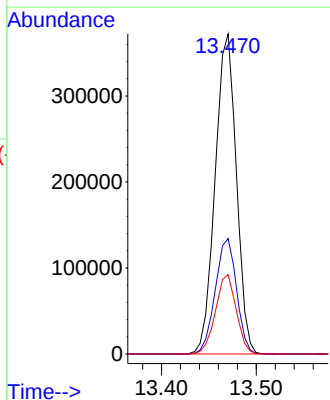
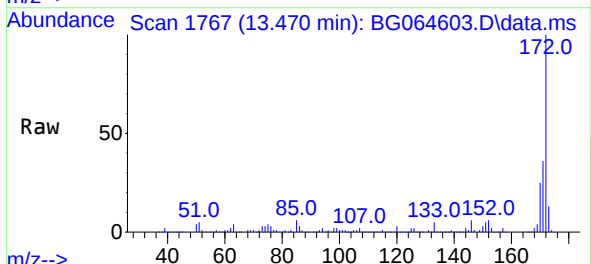
Instrument :
BNA_G
ClientSampleId :
WC-5

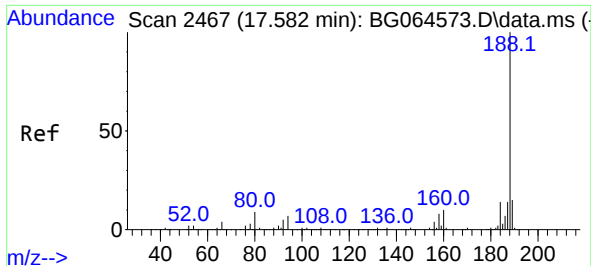
Tgt Ion:330 Resp: 201354
Ion Ratio Lower Upper
330 100
332 97.1 78.0 117.0
141 27.7 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 98.169 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064603.D
Acq: 28 Oct 2025 15:51

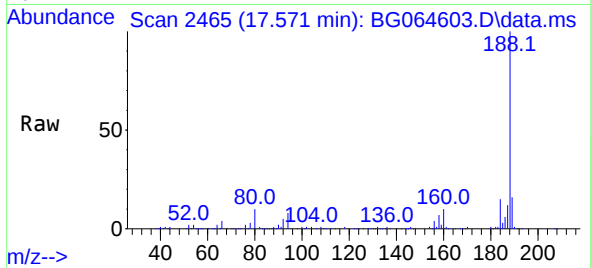
Tgt Ion:172 Resp: 578919
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.8 19.1 28.7



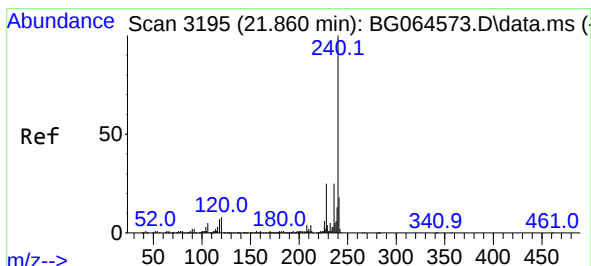
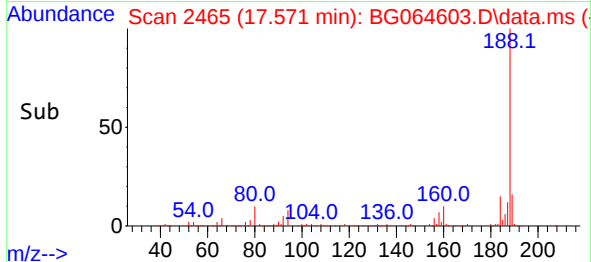
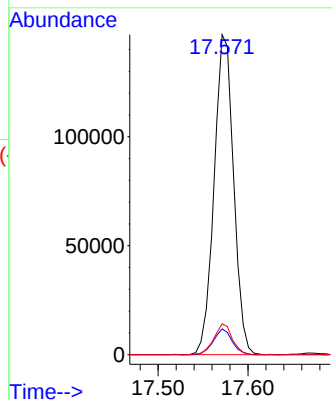


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 2465
Delta R.T. -0.009 min
Lab File: BG064603.D
Acq: 28 Oct 2025 15:51

Instrument :
BNA_G
ClientSampleId :
WC-5

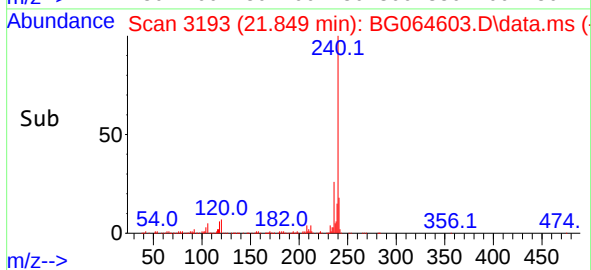
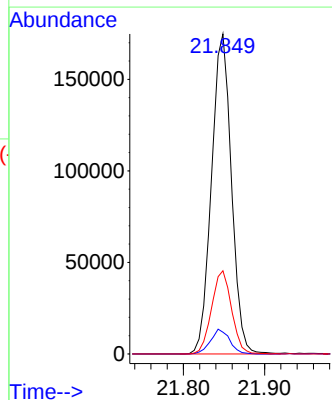
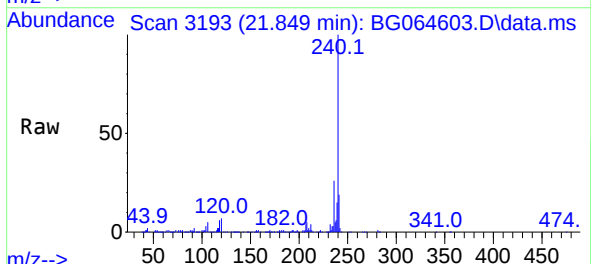


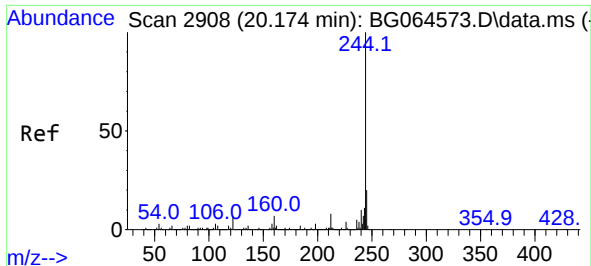
Tgt Ion:188 Resp: 220906
Ion Ratio Lower Upper
188 100
94 8.0 5.7 8.5
80 9.6 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.849 min Scan# 3193
Delta R.T. -0.015 min
Lab File: BG064603.D
Acq: 28 Oct 2025 15:51

Tgt Ion:240 Resp: 297799
Ion Ratio Lower Upper
240 100
120 6.8 6.5 9.7
236 26.0 20.2 30.2

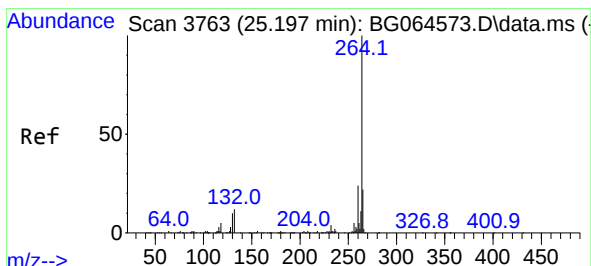
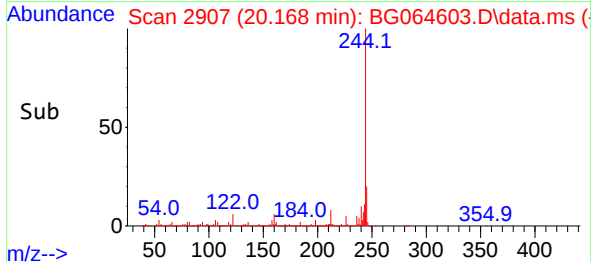
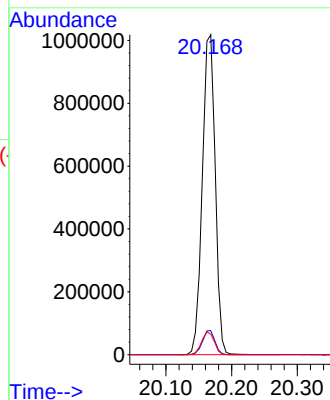
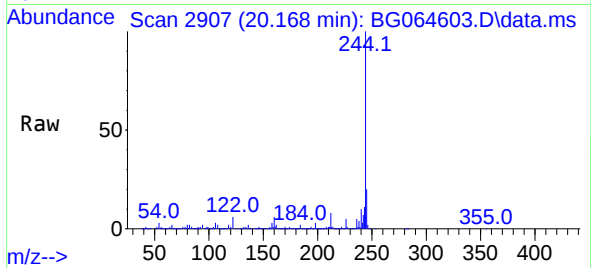




#79
 Terphenyl-d14
 Concen: 88.452 ng
 RT: 20.168 min Scan# 2907
 Delta R.T. -0.009 min
 Lab File: BG064603.D
 Acq: 28 Oct 2025 15:51

Instrument :
 BNA_G
 ClientSampleId :
 WC-5

Tgt Ion:244 Resp: 1395793
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 6.4 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.186 min Scan# 3761
 Delta R.T. -0.015 min
 Lab File: BG064603.D
 Acq: 28 Oct 2025 15:51

Tgt Ion:264 Resp: 133211
 Ion Ratio Lower Upper
 264 100
 260 26.8 19.0 28.4
 265 23.0 17.6 26.4

