

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064621.D
 Acq On : 29 Oct 2025 13:25
 Operator : RC/JU
 Sample : PB170215BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170215BL

Quant Time: Oct 29 14:03:03 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	8.216	152	33974	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	131027	20.000	ng	0.00
39) Acenaphthene-d10	14.838	164	98338	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	248117	20.000	ng	0.00
76) Chrysene-d12	21.848	240	318243	20.000	ng	-0.02
86) Perylene-d12	25.191	264	369003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	280581	138.622	ng	0.00
7) Phenol-d6	7.353	99	385276	138.716	ng	0.00
23) Nitrobenzene-d5	9.380	82	240197	110.106	ng	-0.01
42) 2,4,6-Tribromophenol	16.319	330	229169	161.465	ng	0.00
45) 2-Fluorobiphenyl	13.469	172	628128	96.817	ng	0.00
79) Terphenyl-d14	20.167	244	1531012	90.788	ng	0.00

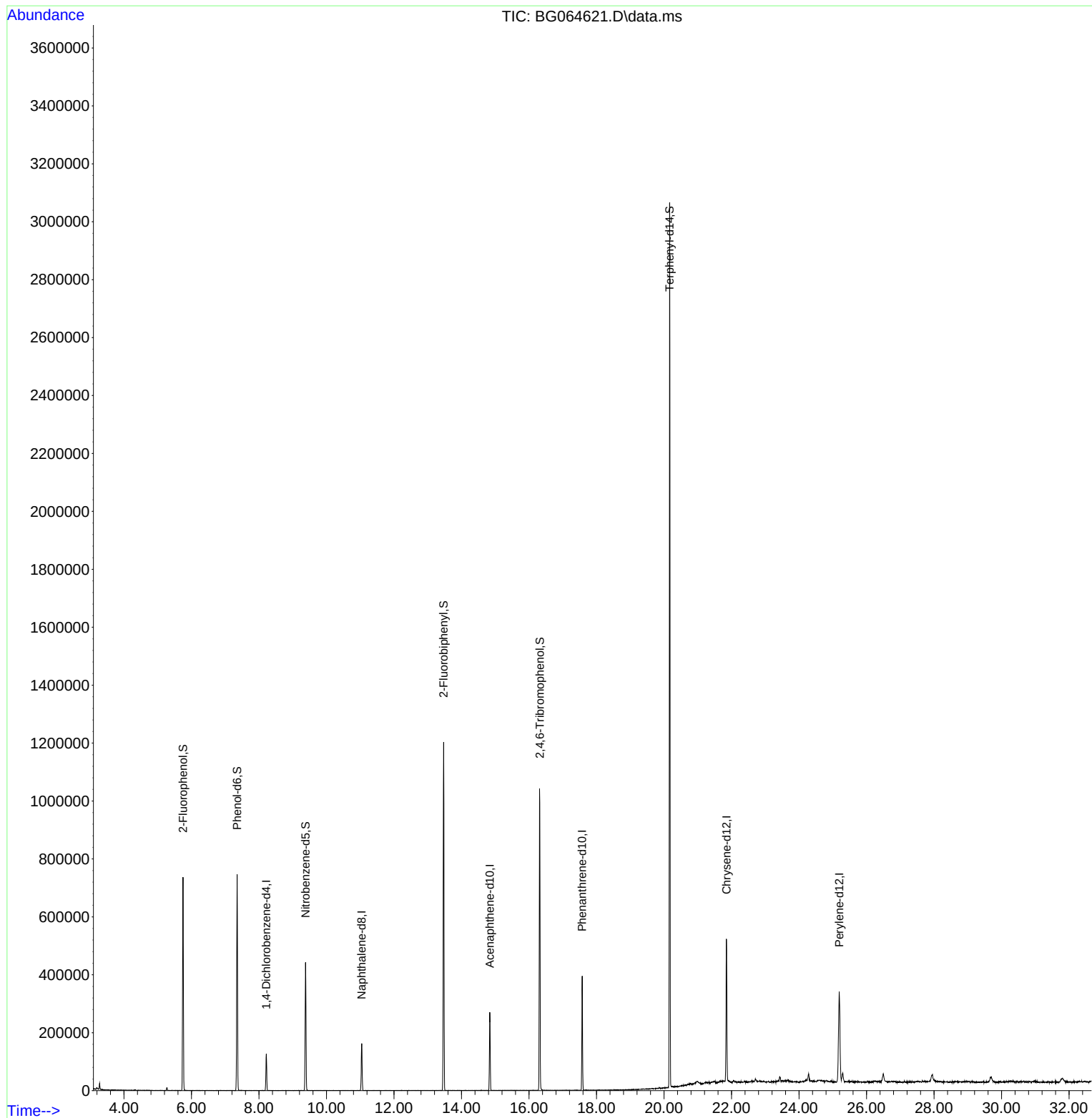
Target Compounds	Qvalue

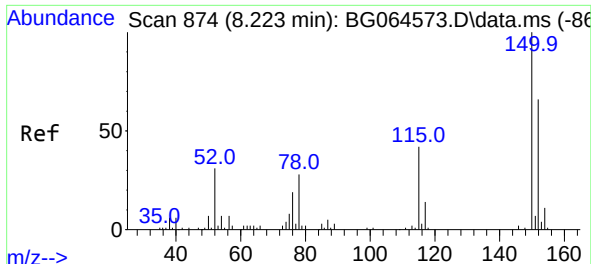
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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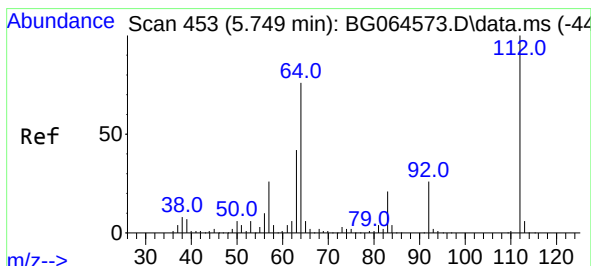
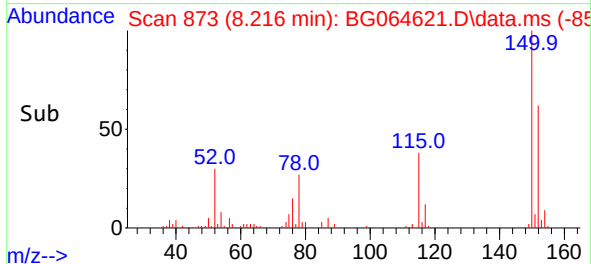
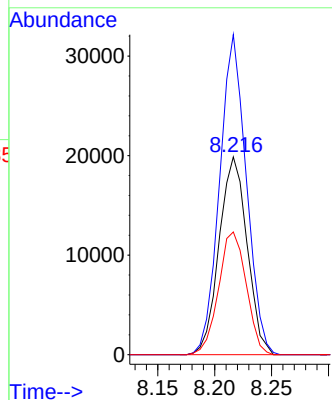
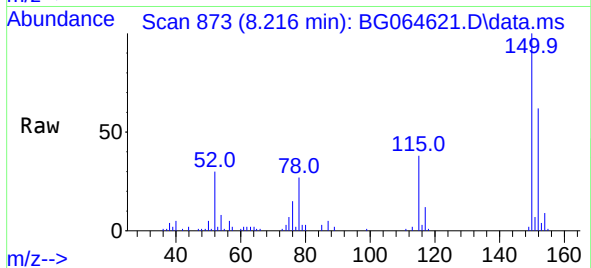




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.216 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

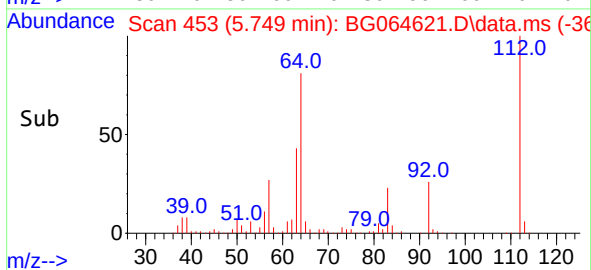
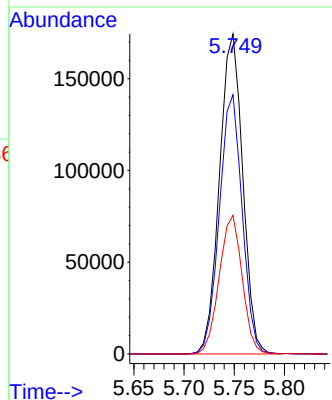
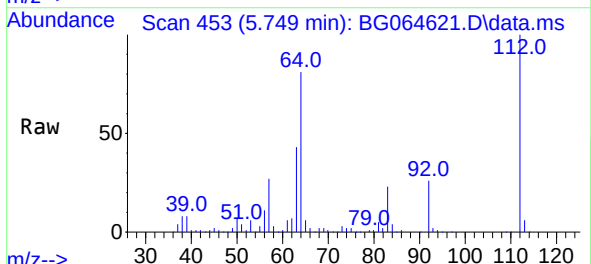
Instrument :
BNA_G
ClientSampleId :
PB170215BL

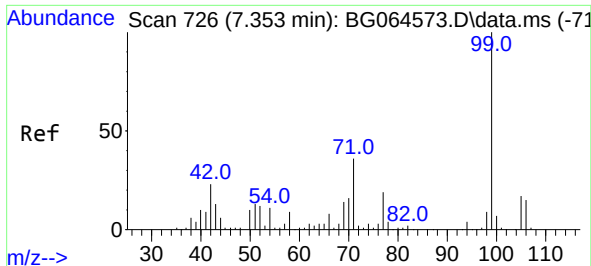
Tgt Ion:152 Resp: 33974
Ion Ratio Lower Upper
152 100
150 161.9 122.2 183.4
115 62.1 50.8 76.2



#5
2-Fluorophenol
Concen: 138.622 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Tgt Ion:112 Resp: 280581
Ion Ratio Lower Upper
112 100
64 81.0 60.7 91.1
63 43.3 33.4 50.0

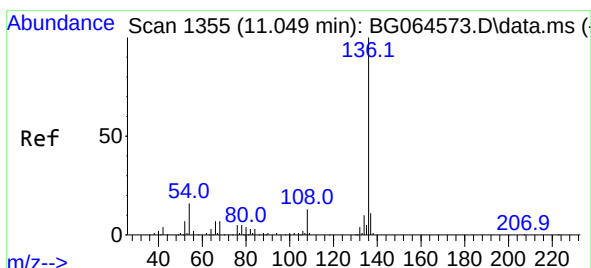
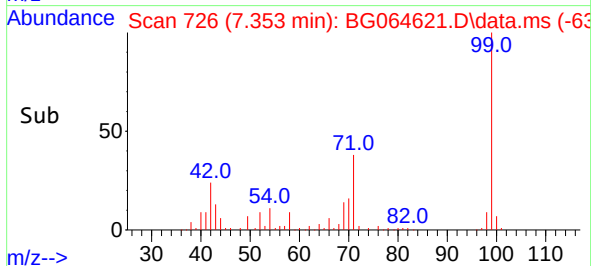
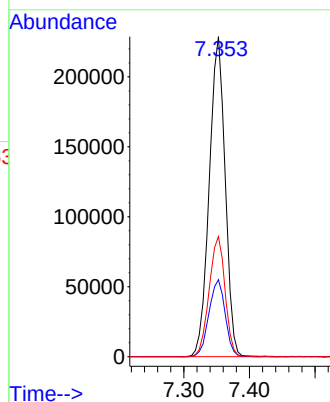
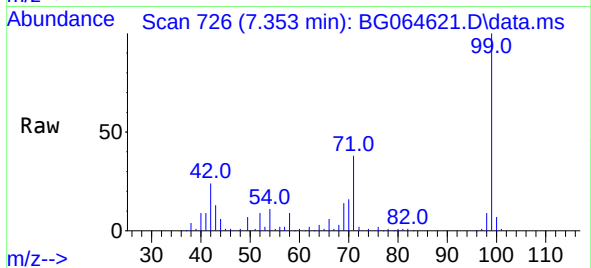




#7
Phenol-d6
Concen: 138.716 ng
RT: 7.353 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

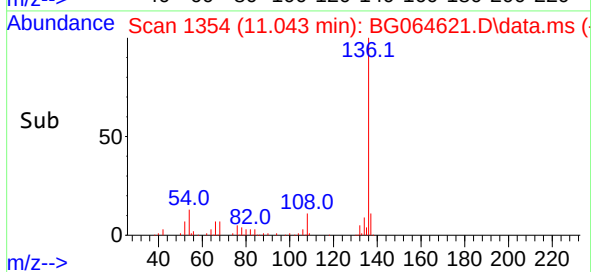
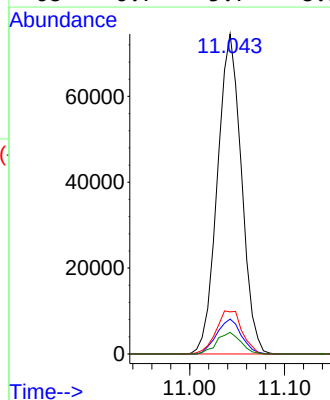
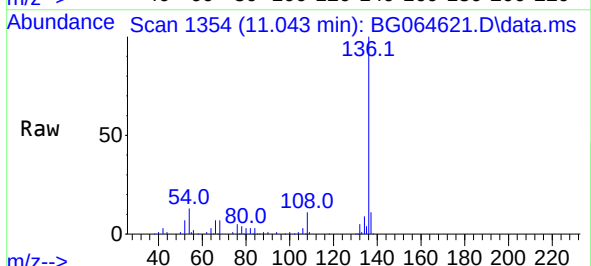
Instrument :
BNA_G
ClientSampleId :
PB170215BL

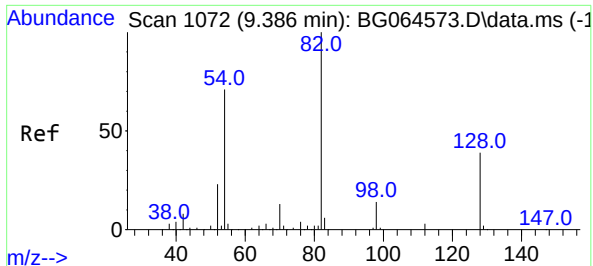
Tgt Ion: 99 Resp: 385276
Ion Ratio Lower Upper
99 100
42 24.1 18.3 27.5
71 37.5 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.010 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Tgt Ion:136 Resp: 131027
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 13.2 12.6 19.0
68 6.7 5.7 8.5





#23

Nitrobenzene-d5

Concen: 110.106 ng

RT: 9.380 min Scan# 10

Delta R.T. -0.010 min

Lab File: BG064621.D

Acq: 29 Oct 2025 13:25

Instrument :

BNA_G

ClientSampleId :

PB170215BL

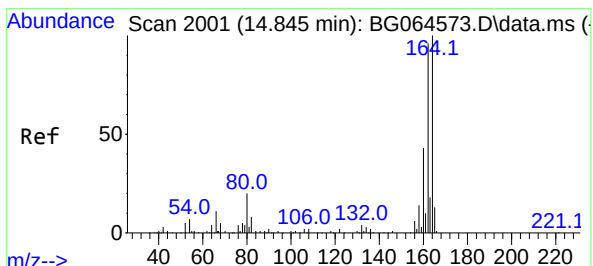
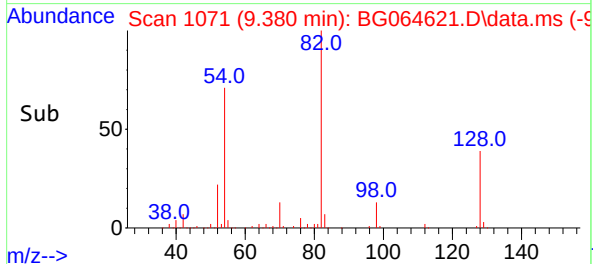
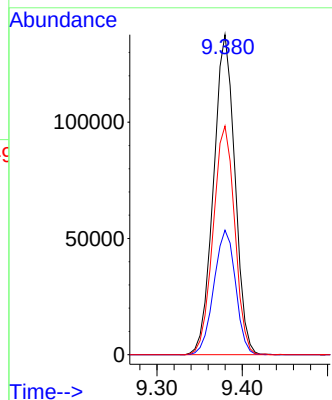
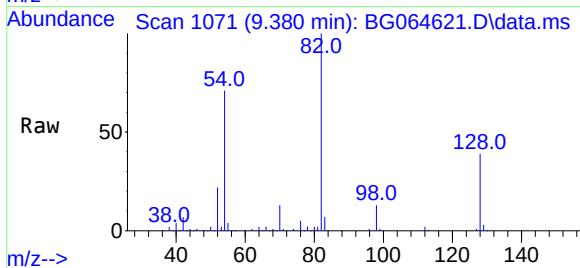
Tgt Ion: 82 Resp: 240197

Ion Ratio Lower Upper

82 100

128 38.9 31.3 46.9

54 71.4 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.838 min Scan# 2000

Delta R.T. -0.004 min

Lab File: BG064621.D

Acq: 29 Oct 2025 13:25

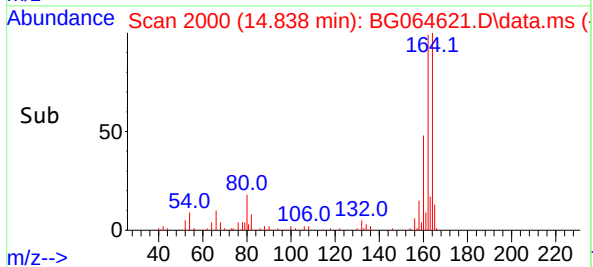
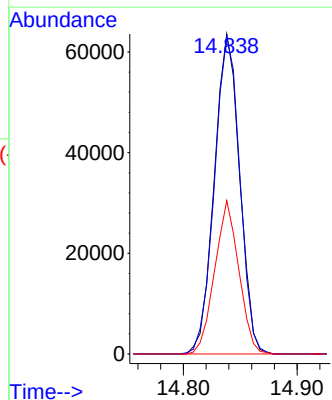
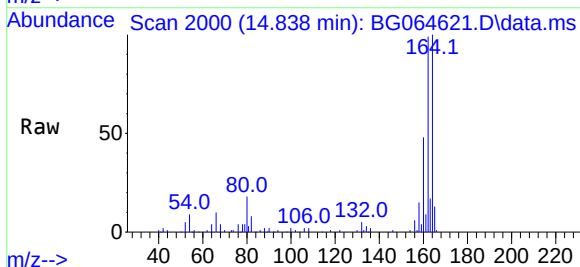
Tgt Ion:164 Resp: 98338

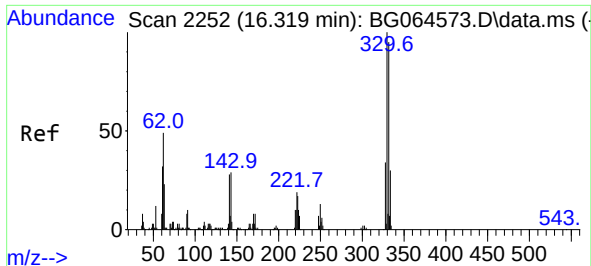
Ion Ratio Lower Upper

164 100

162 99.3 77.0 115.6

160 47.9 34.4 51.6

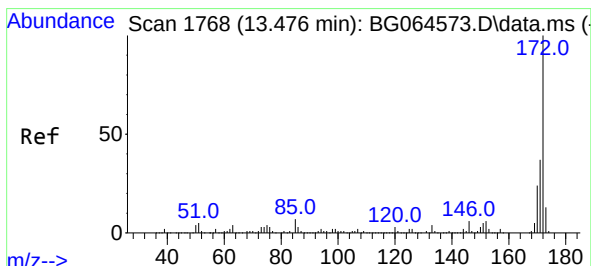
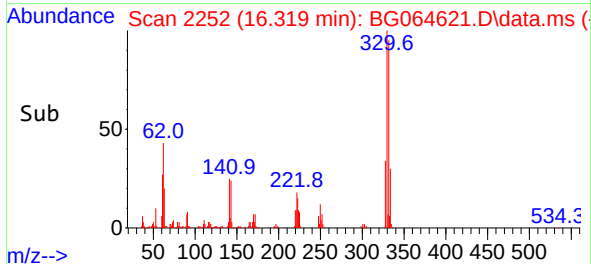
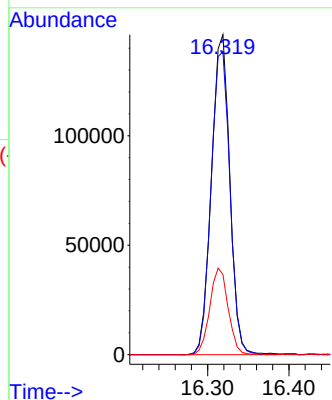
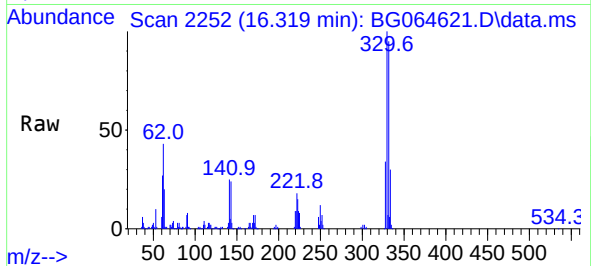




#42
2,4,6-Tribromophenol
Concen: 161.465 ng
RT: 16.319 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

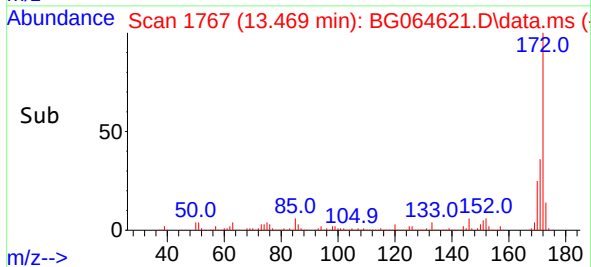
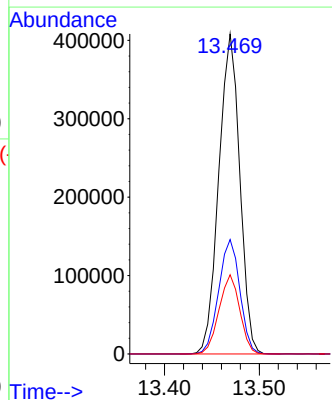
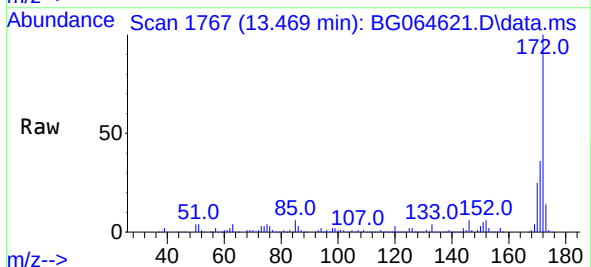
Instrument :
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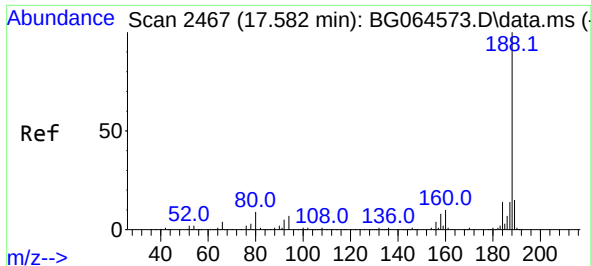
Tgt Ion:330 Resp: 229169
Ion Ratio Lower Upper
330 100
332 97.3 78.0 117.0
141 27.1 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 96.817 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.010 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Tgt Ion:172 Resp: 628128
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 24.8 19.1 28.7

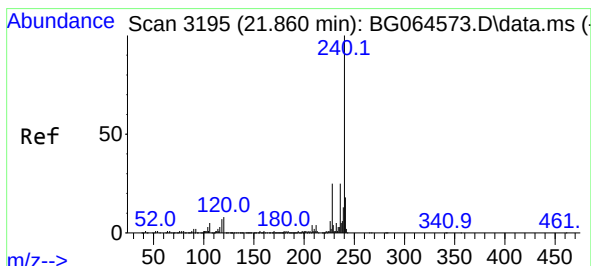
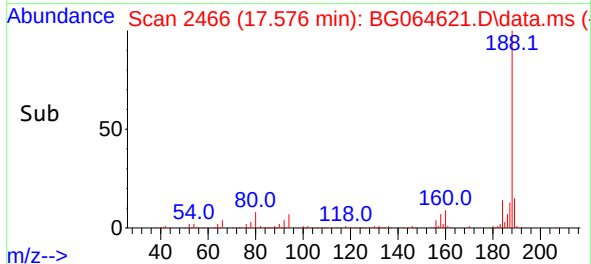
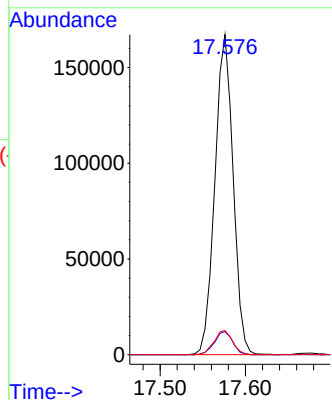
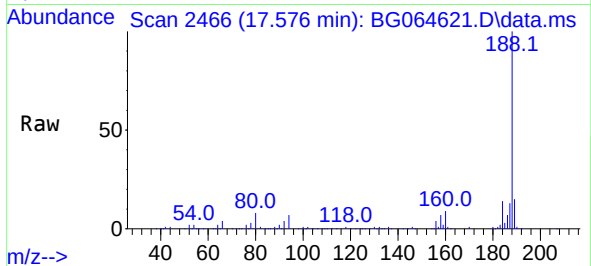




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 2466
Delta R.T. -0.004 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

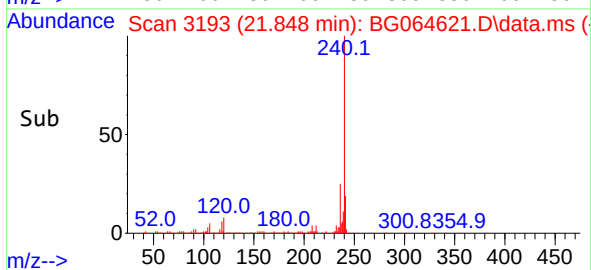
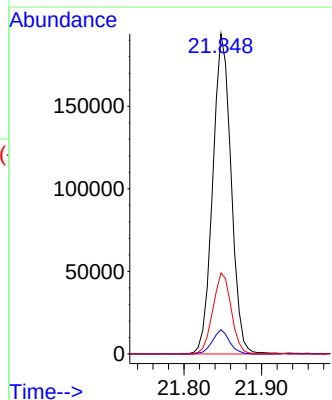
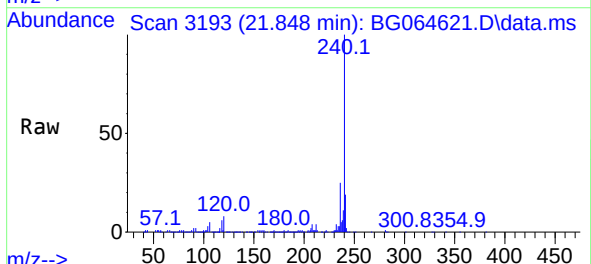
Instrument :
BNA_G
ClientSampleId :
PB170215BL

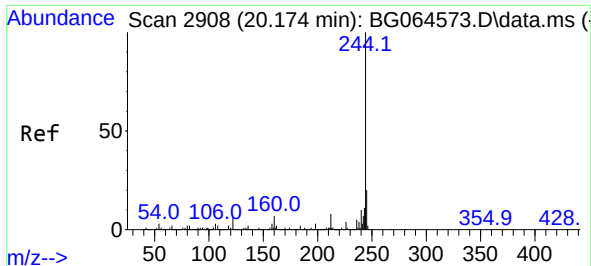
Tgt Ion:188 Resp: 248117
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 7.6 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.016 min
Lab File: BG064621.D
Acq: 29 Oct 2025 13:25

Tgt Ion:240 Resp: 318243
Ion Ratio Lower Upper
240 100
120 7.6 6.5 9.7
236 25.4 20.2 30.2

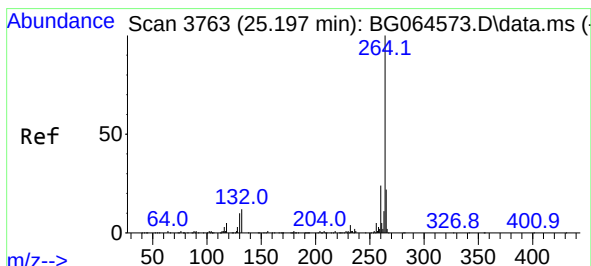
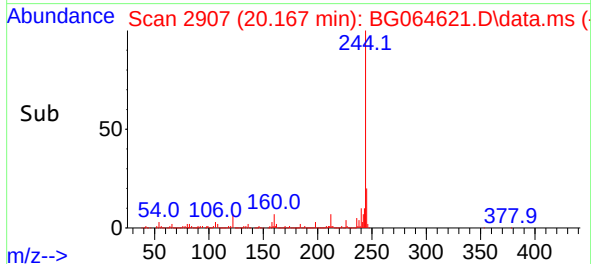
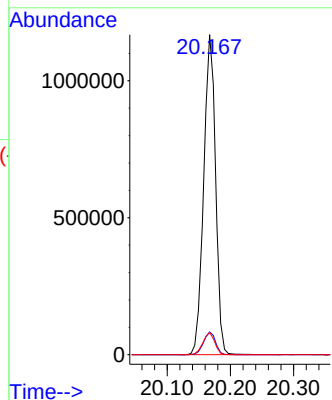
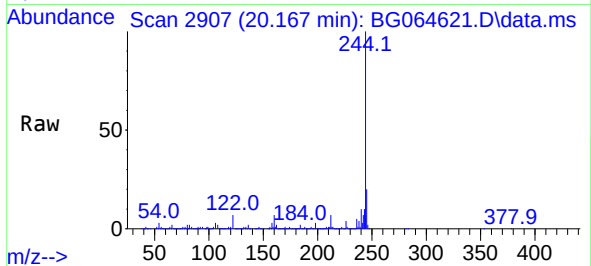




#79
 Terphenyl-d14
 Concen: 90.788 ng
 RT: 20.167 min Scan# 24
 Delta R.T. -0.010 min
 Lab File: BG064621.D
 Acq: 29 Oct 2025 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB170215BL

Tgt Ion:244 Resp: 1531012
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 7.0 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.191 min Scan# 3762
 Delta R.T. -0.010 min
 Lab File: BG064621.D
 Acq: 29 Oct 2025 13:25

Tgt Ion:264 Resp: 369003
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 21.4 17.6 26.4

