

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103025\
 Data File : BG064637.D
 Acq On : 30 Oct 2025 12:17
 Operator : RC/JU
 Sample : PB170286BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170286BL

Quant Time: Oct 30 12:52:23 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	25136	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	99198	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	73729	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	191571	20.000	ng	0.00
76) Chrysene-d12	21.848	240	261407	20.000	ng	-0.02
86) Perylene-d12	25.191	264	302809	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	198539	132.577	ng	0.00
7) Phenol-d6	7.353	99	259688	126.373	ng	0.00
23) Nitrobenzene-d5	9.380	82	168217	101.852	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	157646	148.145	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	425146	87.403	ng	0.00
79) Terphenyl-d14	20.168	244	1099593	79.383	ng	0.00

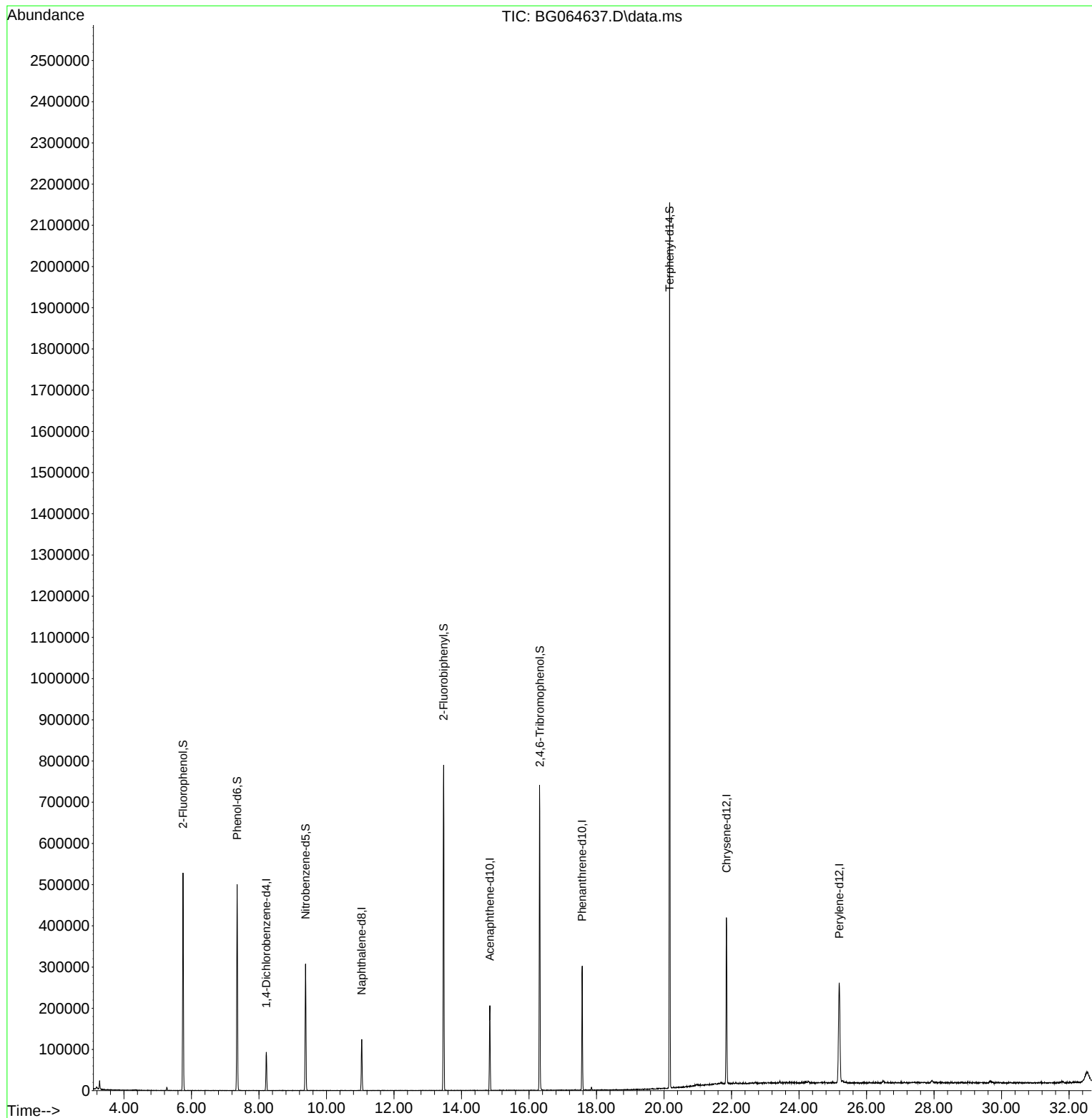
Target Compounds	Qvalue

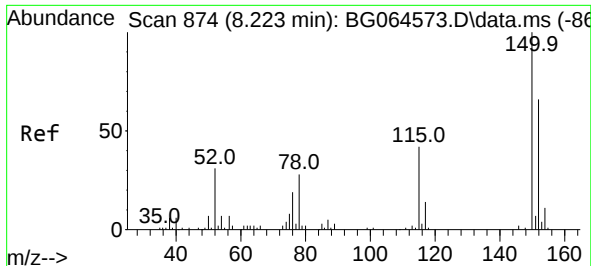
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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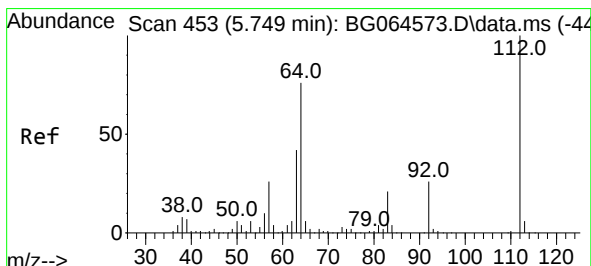
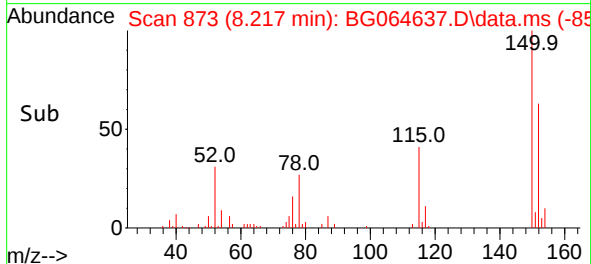
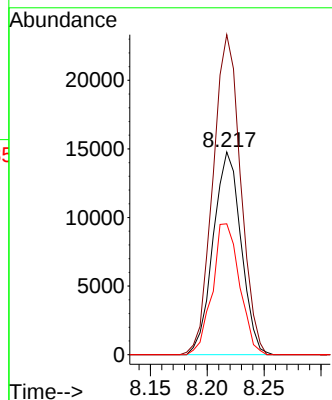
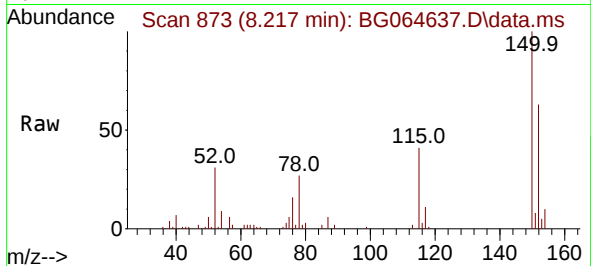




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

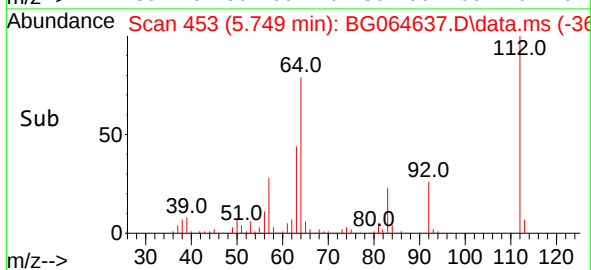
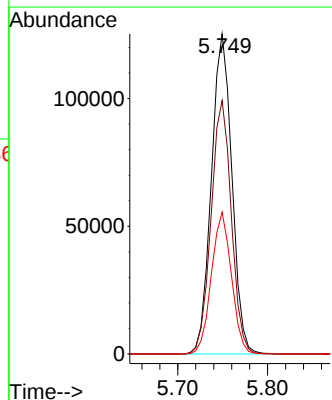
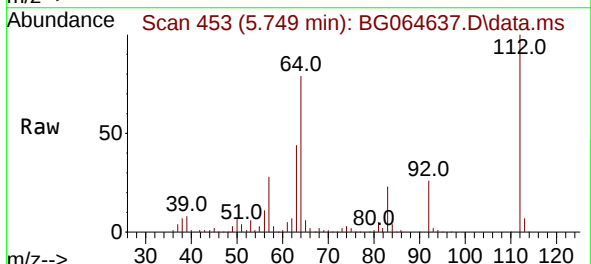
Instrument :
BNA_G
ClientSampleId :
PB170286BL

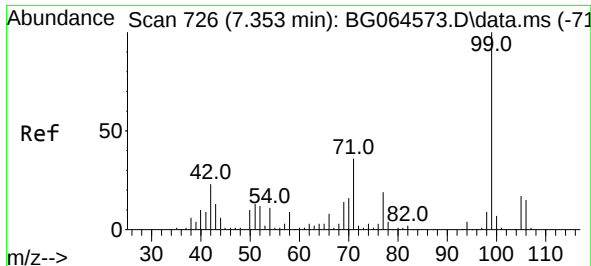
Tgt Ion:152 Resp: 25136
Ion Ratio Lower Upper
152 100
150 157.9 122.2 183.4
115 64.6 50.8 76.2



#5
2-Fluorophenol
Concen: 132.577 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Tgt Ion:112 Resp: 198539
Ion Ratio Lower Upper
112 100
64 79.2 60.7 91.1
63 44.3 33.4 50.0

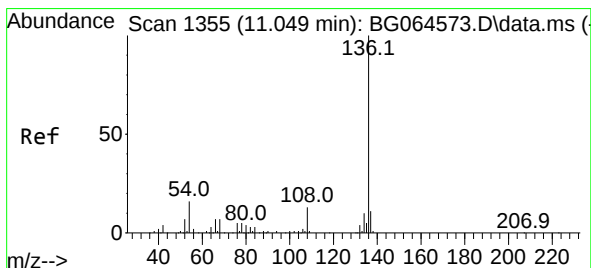
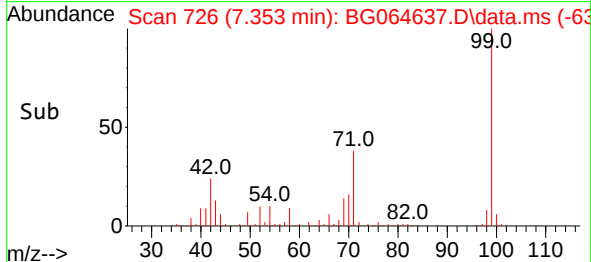
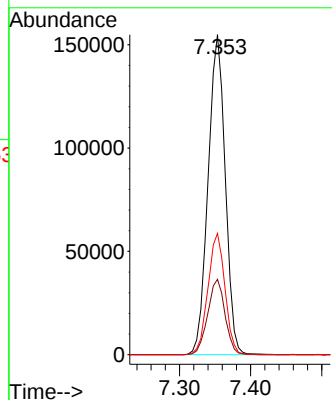
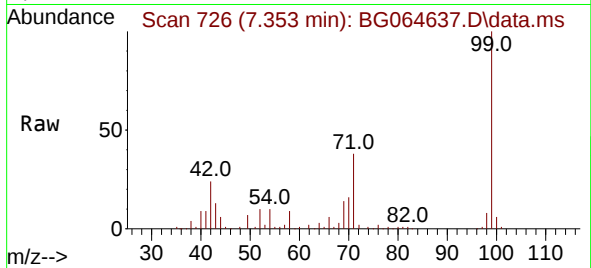




#7
Phenol-d6
Concen: 126.373 ng
RT: 7.353 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

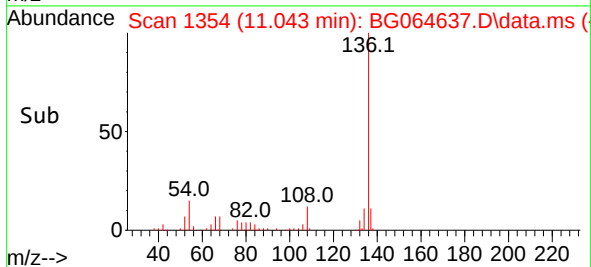
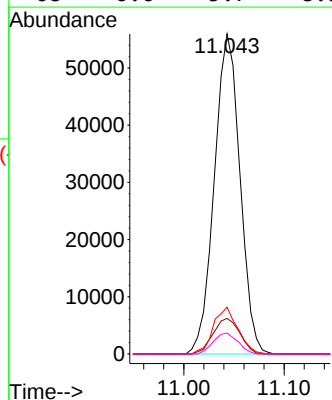
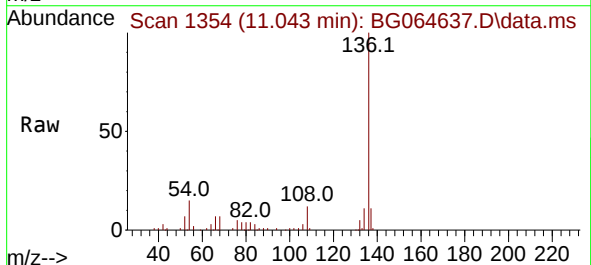
Instrument :
BNA_G
ClientSampleId :
PB170286BL

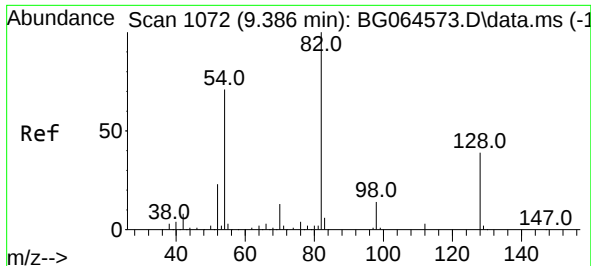
Tgt Ion: 99 Resp: 259688
Ion Ratio Lower Upper
99 100
42 23.5 18.3 27.5
71 37.9 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.009 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Tgt Ion:136 Resp: 99198
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 14.6 12.6 19.0
68 6.6 5.7 8.5

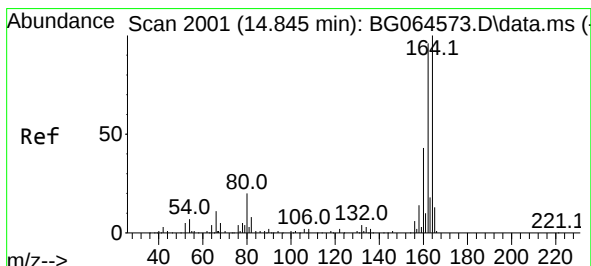
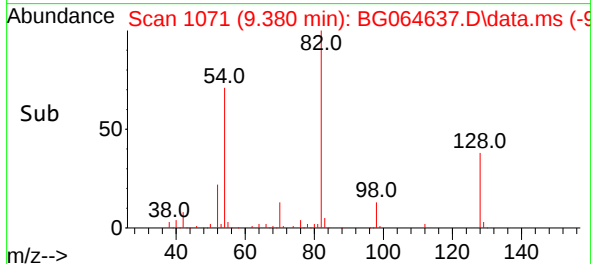
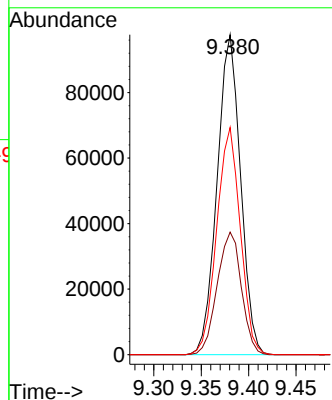
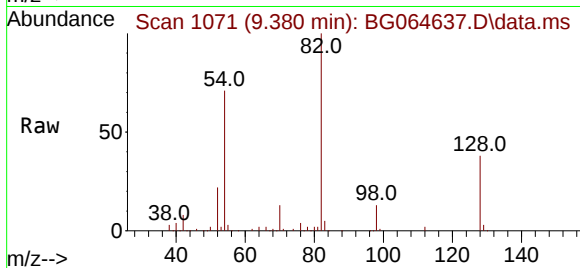




#23
Nitrobenzene-d5
Concen: 101.852 ng
RT: 9.380 min Scan# 1072
Delta R.T. -0.010 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

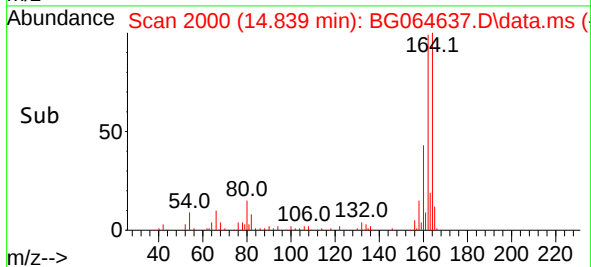
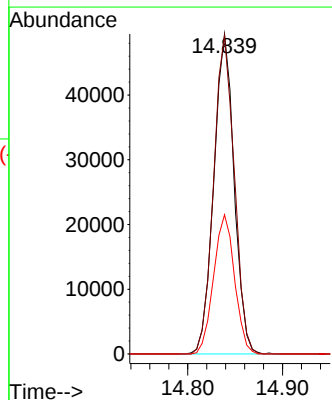
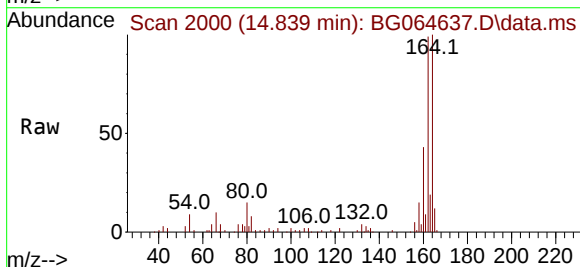
Instrument :
BNA_G
ClientSampleId :
PB170286BL

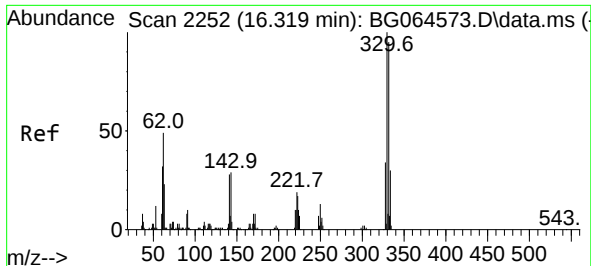
Tgt Ion: 82 Resp: 168217
Ion Ratio Lower Upper
82 100
128 38.3 31.3 46.9
54 71.0 56.6 84.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Tgt Ion: 164 Resp: 73729
Ion Ratio Lower Upper
164 100
162 99.5 77.0 115.6
160 43.5 34.4 51.6

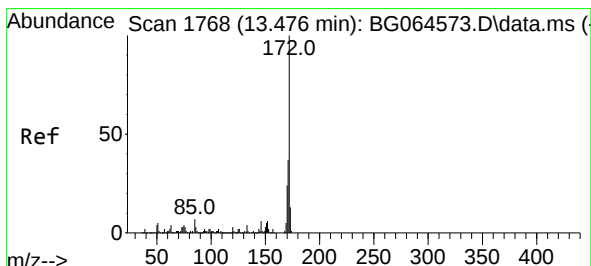
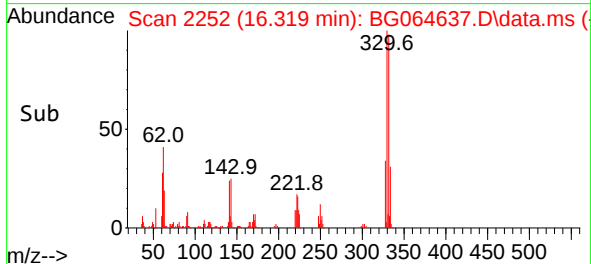
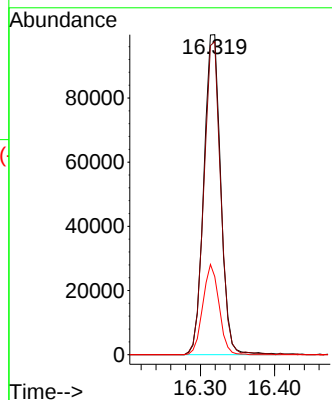
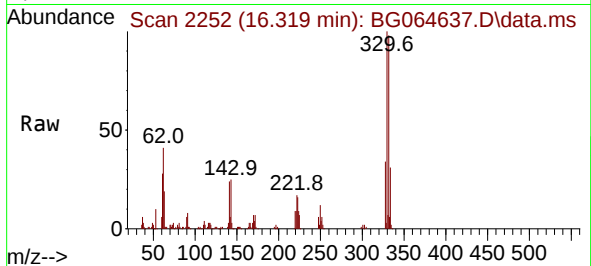




#42
2,4,6-Tribromophenol
Concen: 148.145 ng
RT: 16.319 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

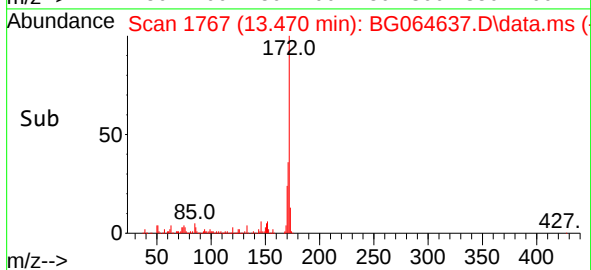
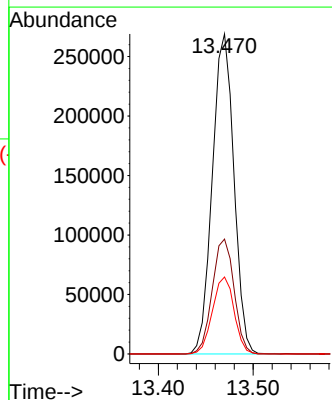
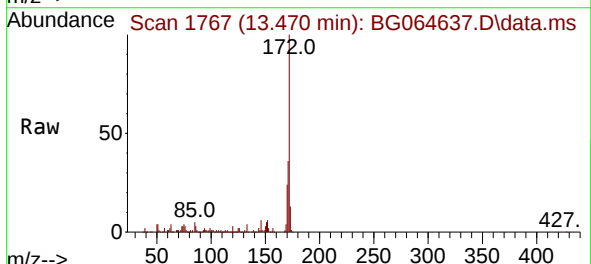
Instrument :
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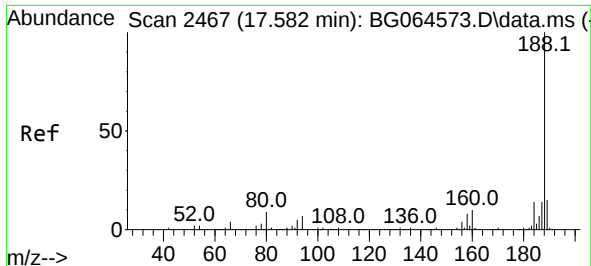
Tgt Ion:330 Resp: 157646
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 27.0 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 87.403 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Tgt Ion:172 Resp: 425146
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 24.0 19.1 28.7

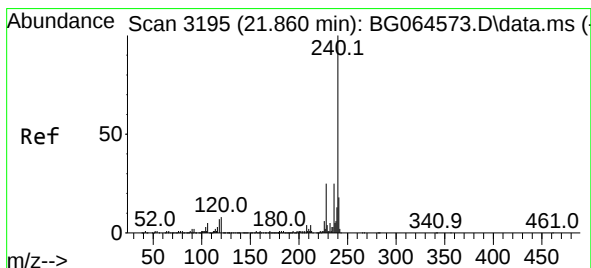
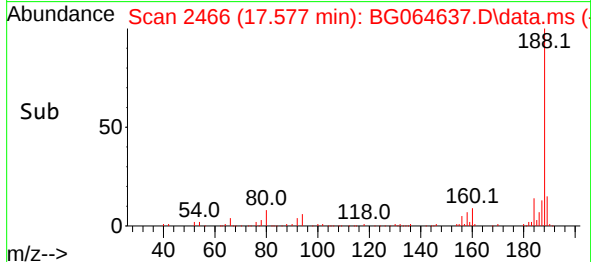
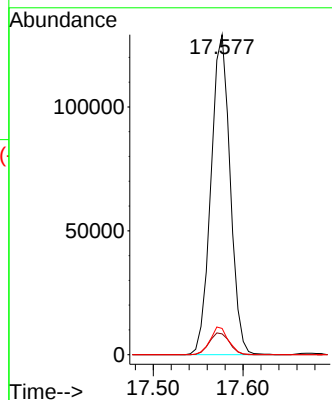
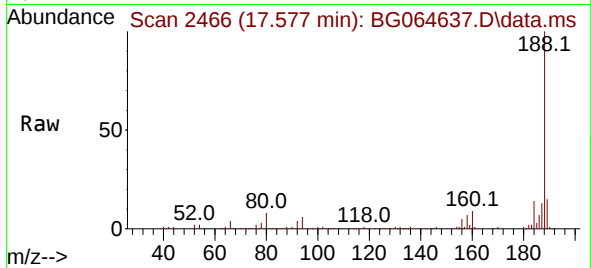




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.003 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

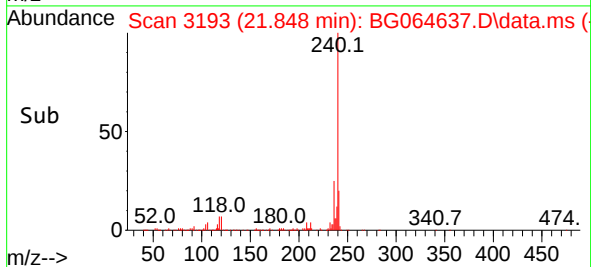
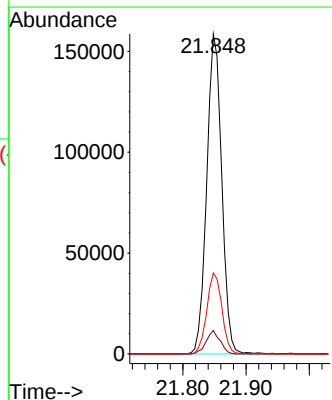
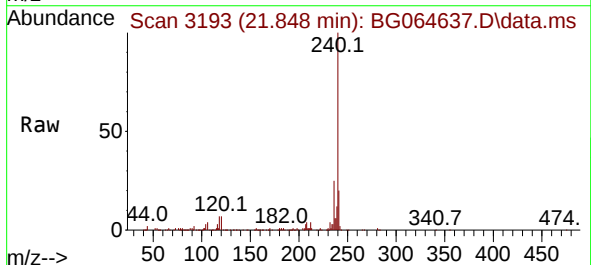
Instrument :
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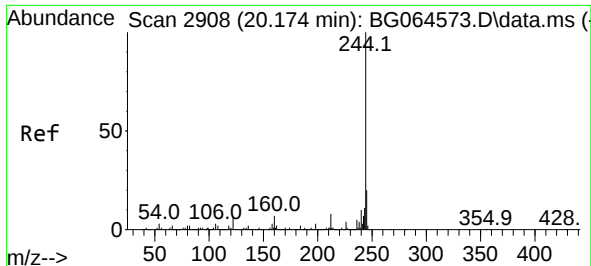
Tgt Ion:188 Resp: 191571
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 8.2 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.015 min
Lab File: BG064637.D
Acq: 30 Oct 2025 12:17

Tgt Ion:240 Resp: 261407
Ion Ratio Lower Upper
240 100
120 7.4 6.5 9.7
236 25.3 20.2 30.2

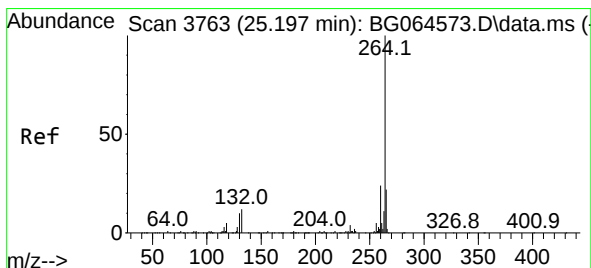
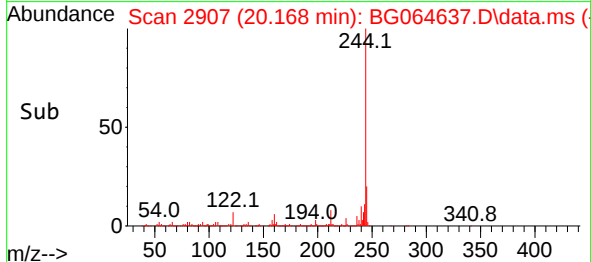
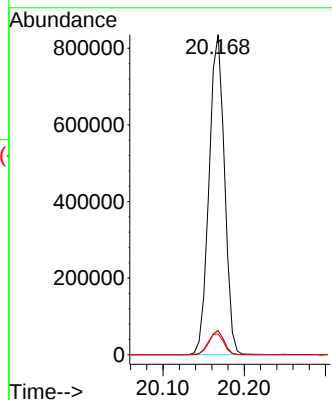
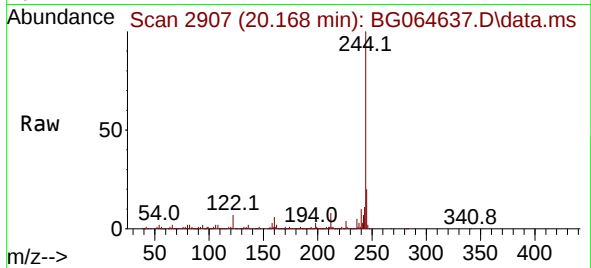




#79
 Terphenyl-d14
 Concen: 79.383 ng
 RT: 20.168 min Scan# 2907
 Delta R.T. -0.009 min
 Lab File: BG064637.D
 Acq: 30 Oct 2025 12:17

Instrument :
 BNA_G
 ClientSampleId :
 PB170286BL

Tgt Ion:244 Resp: 1099593
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 6.5 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.191 min Scan# 3762
 Delta R.T. -0.009 min
 Lab File: BG064637.D
 Acq: 30 Oct 2025 12:17

Tgt Ion:264 Resp: 302809
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 21.2 17.6 26.4

