

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
 Data File : BG064677.D
 Acq On : 3 Nov 2025 18:00
 Operator : RC/JU
 Sample : PB170172TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170172TB

Quant Time: Nov 04 00:44:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	38354	20.000	ng	-0.01
21) Naphthalene-d8	11.037	136	143910	20.000	ng	-0.01
39) Acenaphthene-d10	14.832	164	111139	20.000	ng	-0.01
64) Phenanthrene-d10	17.570	188	282768	20.000	ng	-0.01
76) Chrysene-d12	21.842	240	350601	20.000	ng	-0.02
86) Perylene-d12	25.179	264	374940	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	254340	111.307	ng	0.00
7) Phenol-d6	7.347	99	324699	103.555	ng	0.00
23) Nitrobenzene-d5	9.374	82	213480	89.099	ng	-0.01
42) 2,4,6-Tribromophenol	16.313	330	226003	140.893	ng	0.00
45) 2-Fluorobiphenyl	13.463	172	606640	82.735	ng	-0.01
79) Terphenyl-d14	20.161	244	1512692	81.423	ng	-0.01

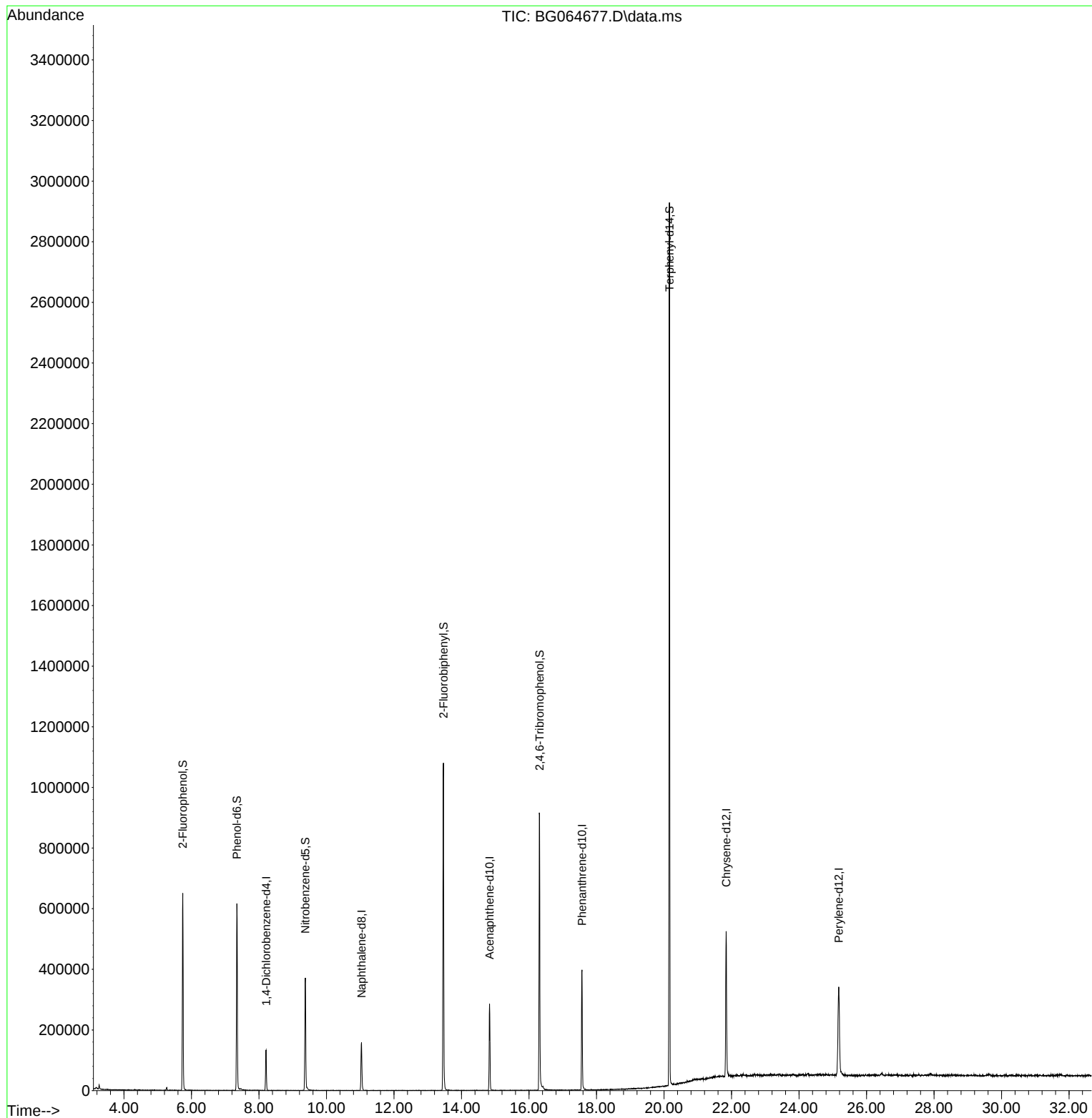
Target Compounds	Qvalue

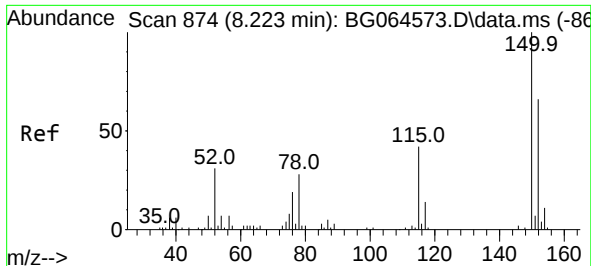
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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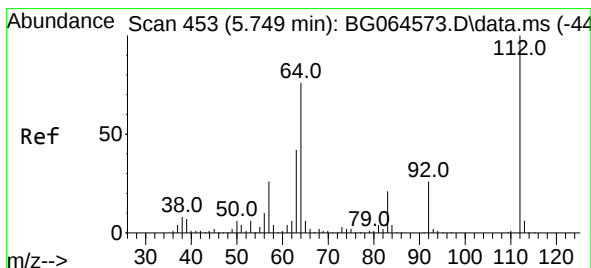
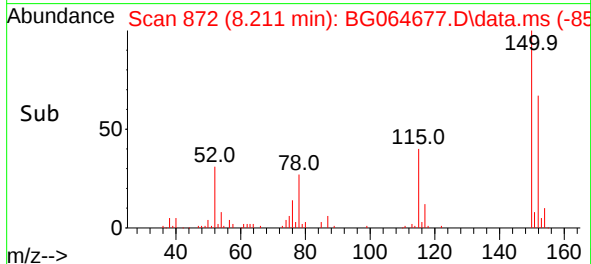
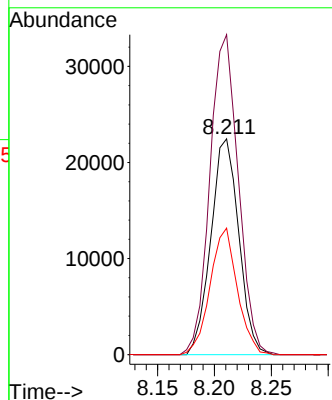
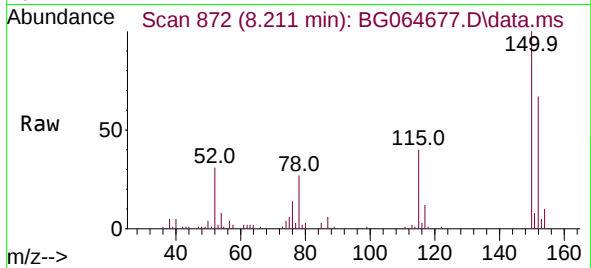




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.211 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG064677.D
Acq: 3 Nov 2025 18:00

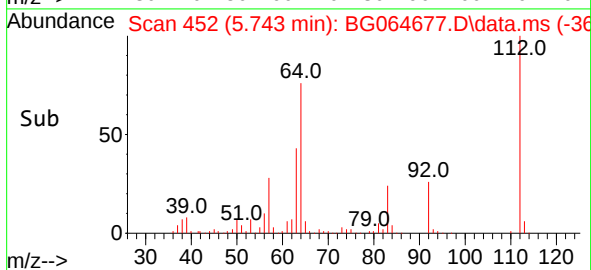
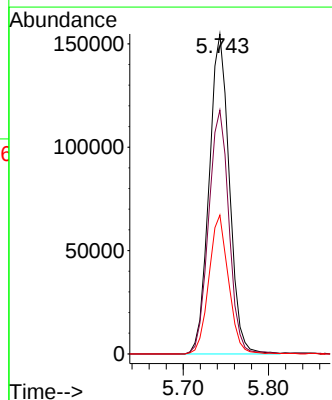
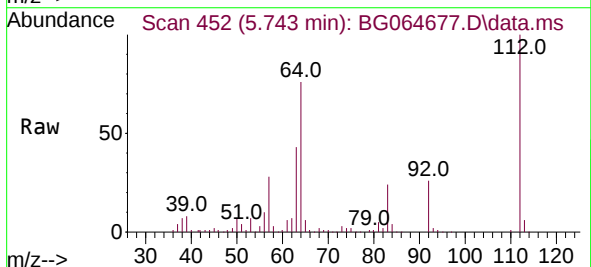
Instrument :
BNA_G
ClientSampleId :
PB170172TB

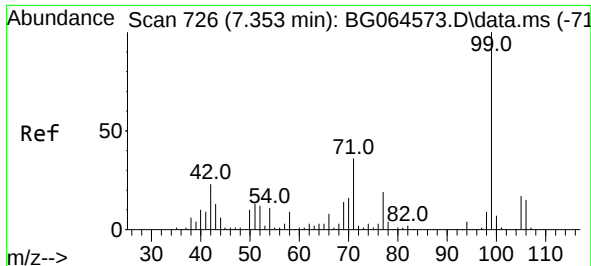
Tgt Ion:152 Resp: 38354
Ion Ratio Lower Upper
152 100
150 148.3 122.2 183.4
115 58.6 50.8 76.2



#5
2-Fluorophenol
Concen: 111.307 ng
RT: 5.743 min Scan# 452
Delta R.T. -0.006 min
Lab File: BG064677.D
Acq: 3 Nov 2025 18:00

Tgt Ion:112 Resp: 254340
Ion Ratio Lower Upper
112 100
64 76.2 60.7 91.1
63 43.4 33.4 50.0

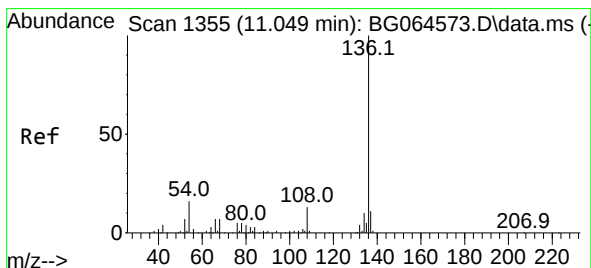
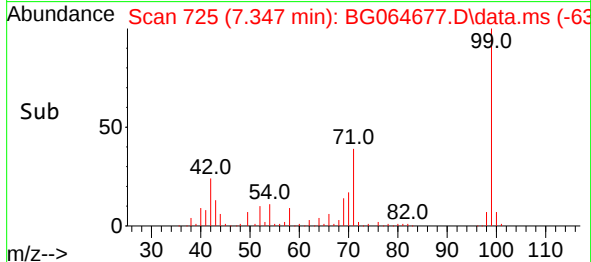
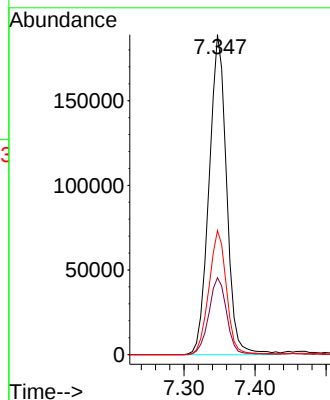
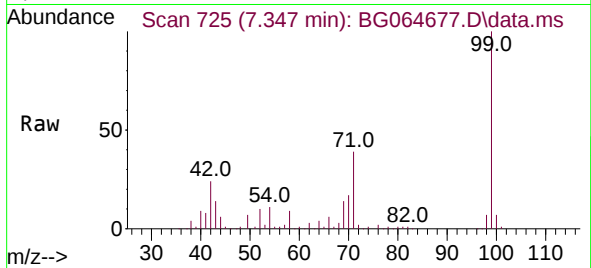




#7
Phenol-d6
Concen: 103.555 ng
RT: 7.347 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG064677.D
Acq: 3 Nov 2025 18:00

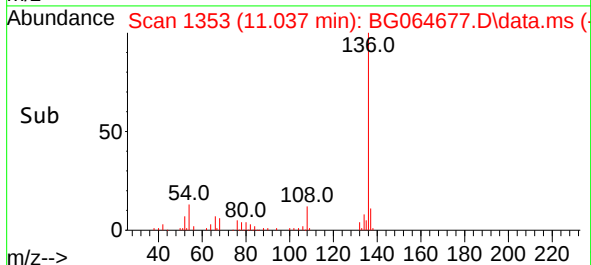
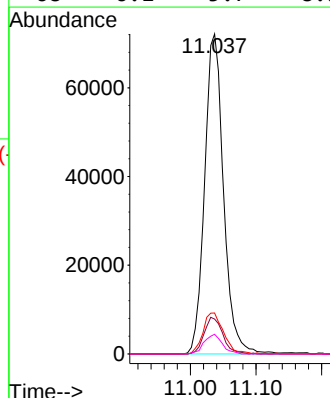
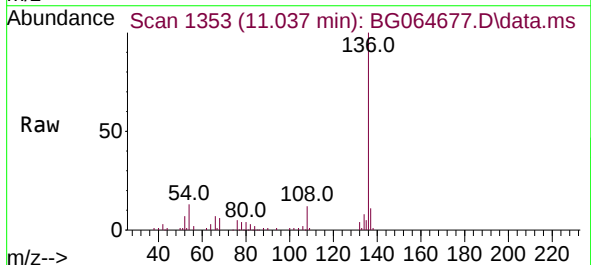
Instrument :
BNA_G
ClientSampleId :
PB170172TB

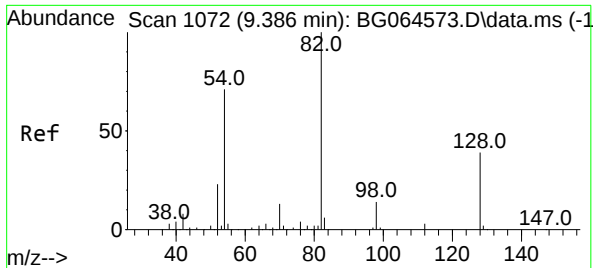
Tgt Ion: 99 Resp: 324699
Ion Ratio Lower Upper
99 100
42 24.0 18.3 27.5
71 38.8 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.037 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BG064677.D
Acq: 3 Nov 2025 18:00

Tgt Ion:136 Resp: 143910
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 12.8 12.6 19.0
68 6.1 5.7 8.5





#23

Nitrobenzene-d5

Concen: 89.099 ng

RT: 9.374 min Scan# 10

Delta R.T. -0.012 min

Lab File: BG064677.D

Acq: 3 Nov 2025 18:00

Instrument :

BNA_G

ClientSampleId :

PB170172TB

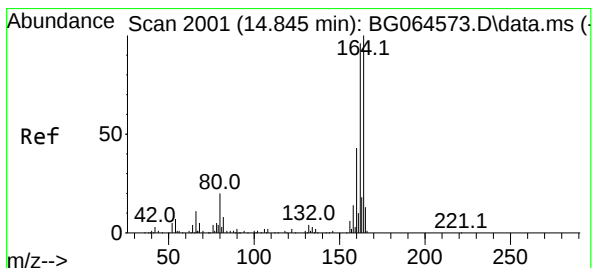
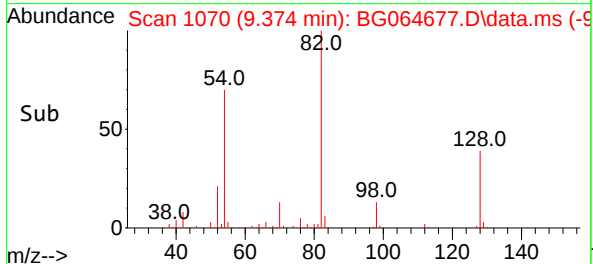
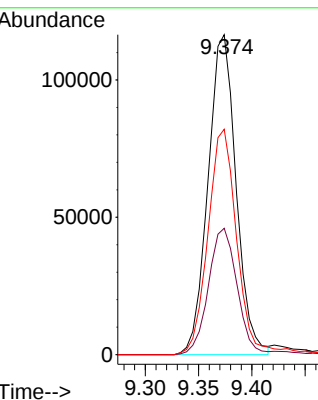
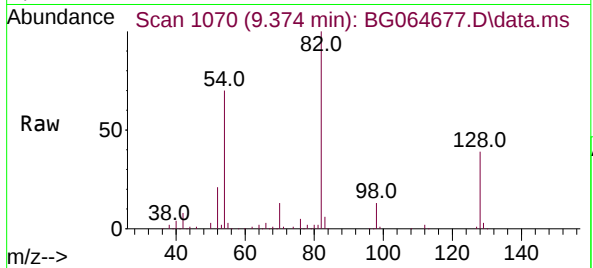
Tgt Ion: 82 Resp: 213480

Ion Ratio Lower Upper

82 100

128 39.5 31.3 46.9

54 70.4 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.832 min Scan# 1999

Delta R.T. -0.012 min

Lab File: BG064677.D

Acq: 3 Nov 2025 18:00

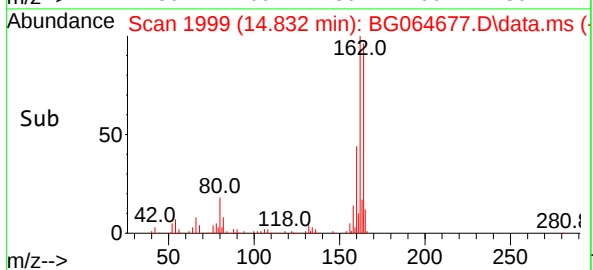
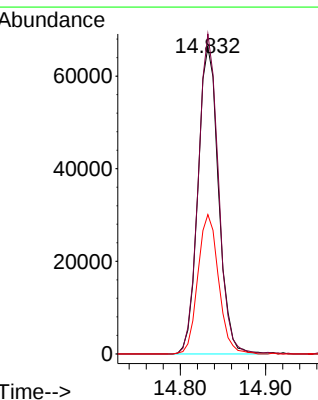
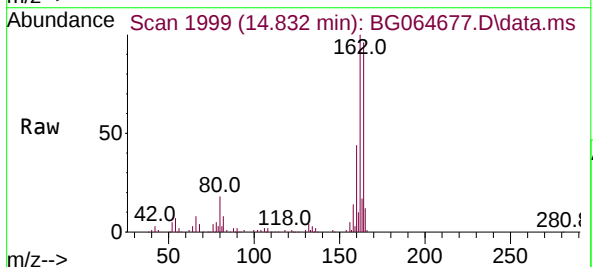
Tgt Ion:164 Resp: 111139

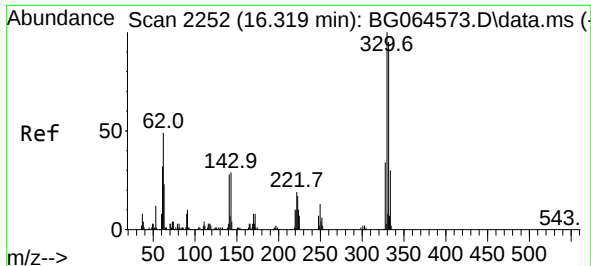
Ion Ratio Lower Upper

164 100

162 104.4 77.0 115.6

160 45.4 34.4 51.6

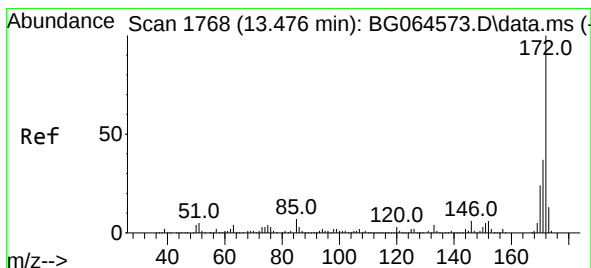
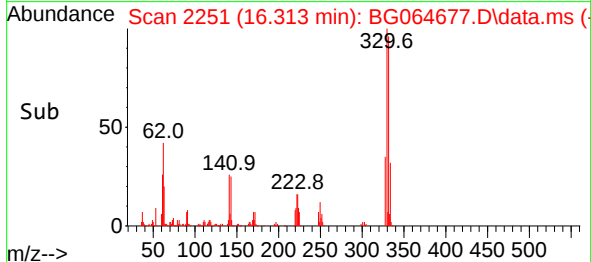
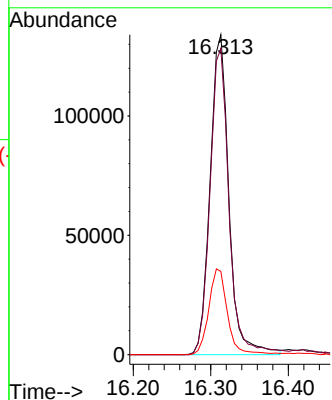
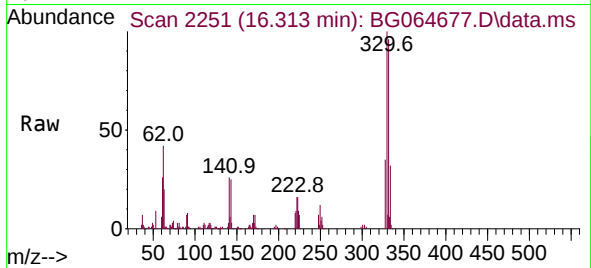




#42
2,4,6-Tribromophenol
Concen: 140.893 ng
RT: 16.313 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064677.D
Acq: 3 Nov 2025 18:00

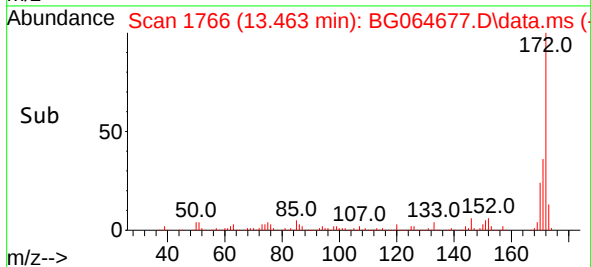
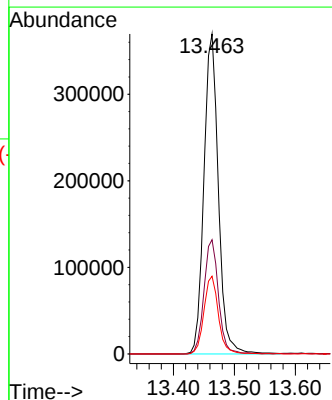
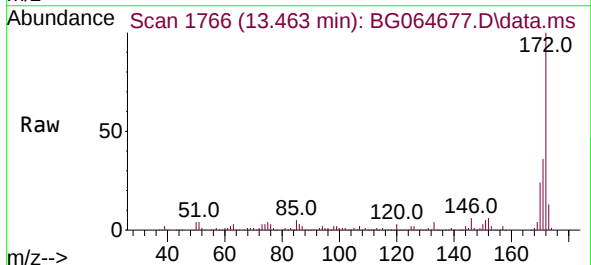
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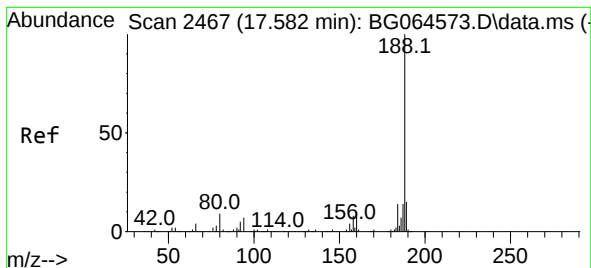
Tgt Ion:330 Resp: 226003
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 26.7 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 82.735 ng
RT: 13.463 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BG064677.D
Acq: 3 Nov 2025 18:00

Tgt Ion:172 Resp: 606640
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 24.3 19.1 28.7

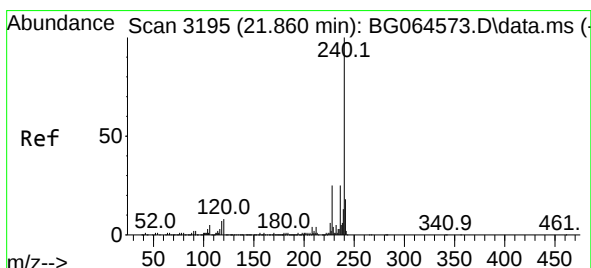
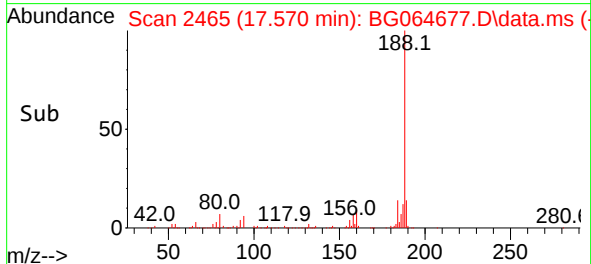
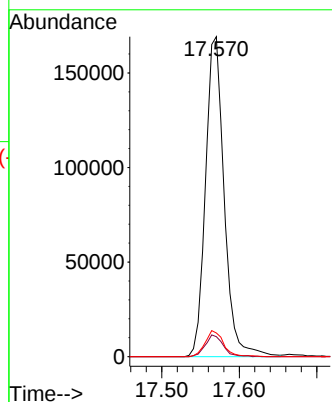
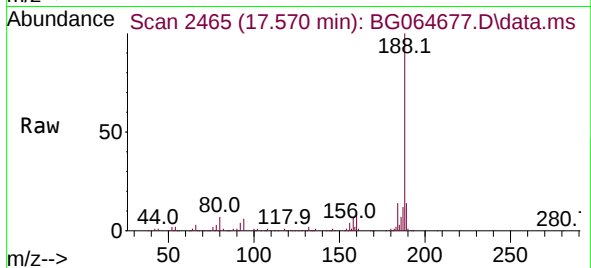




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.570 min Scan# 2465
Delta R.T. -0.012 min
Lab File: BG064677.D
Acq: 3 Nov 2025 18:00

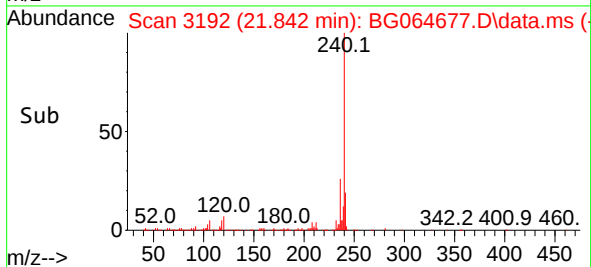
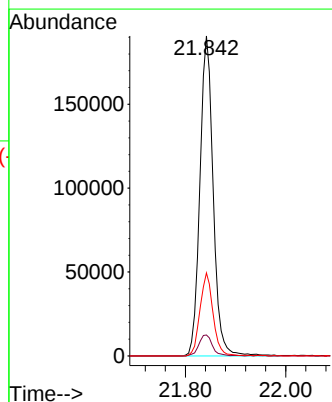
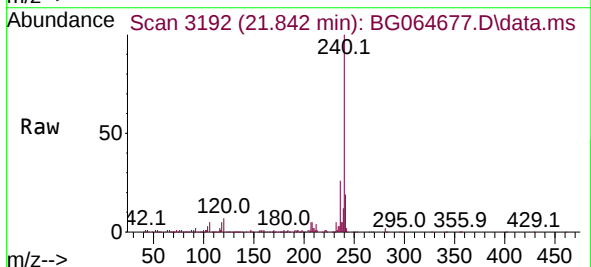
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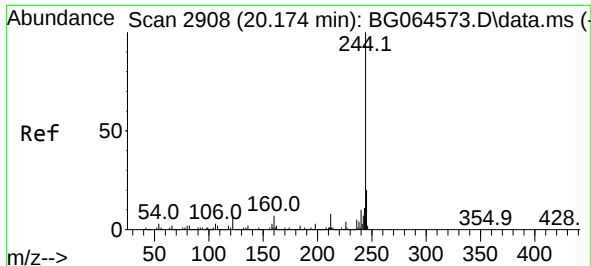
Tgt Ion:188 Resp: 282768
Ion Ratio Lower Upper
188 100
94 6.2 5.7 8.5
80 7.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.842 min Scan# 3192
Delta R.T. -0.018 min
Lab File: BG064677.D
Acq: 3 Nov 2025 18:00

Tgt Ion:240 Resp: 350601
Ion Ratio Lower Upper
240 100
120 6.5 6.5 9.7
236 25.9 20.2 30.2

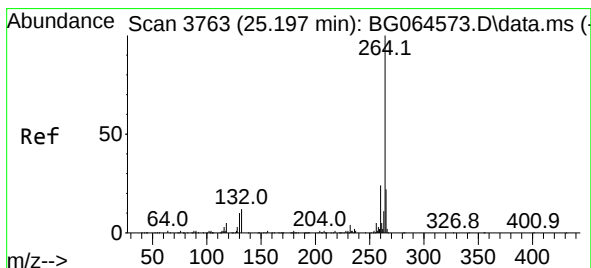
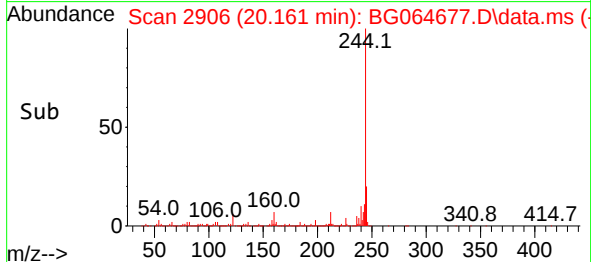
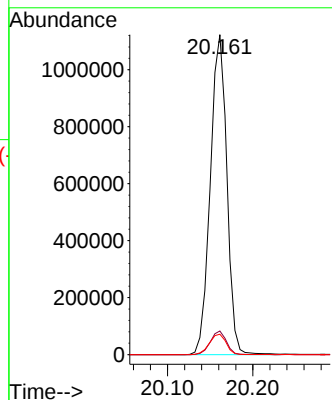
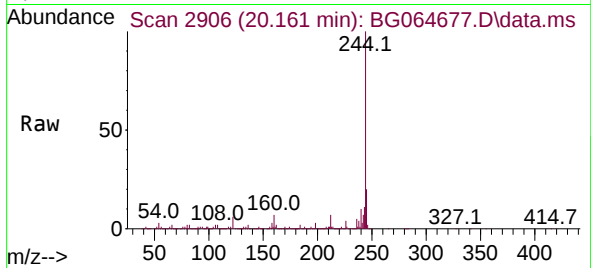




#79
 Terphenyl-d14
 Concen: 81.423 ng
 RT: 20.161 min Scan# 2908
 Delta R.T. -0.012 min
 Lab File: BG064677.D
 Acq: 3 Nov 2025 18:00

Instrument :
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Tgt Ion:244 Resp: 1512692
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 6.4 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.179 min Scan# 3760
 Delta R.T. -0.018 min
 Lab File: BG064677.D
 Acq: 3 Nov 2025 18:00

Tgt Ion:264 Resp: 374940
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.4
 265 21.8 17.6 26.4

