

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
 Data File : BG064759.D
 Acq On : 13 Nov 2025 16:41
 Operator : RC/JU
 Sample : Q3609-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-713-COMP-04

Quant Time: Nov 13 17:45:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.162	152	35577	20.000	ng	0.00
21) Naphthalene-d8	10.982	136	124974	20.000	ng	0.00
39) Acenaphthene-d10	14.772	164	98619	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	235725	20.000	ng	0.00
76) Chrysene-d12	21.752	240	294896	20.000	ng	0.00
86) Perylene-d12	25.007	264	324774	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	176713	86.736	ng	0.00
7) Phenol-d6	7.310	99	237566	87.669	ng	0.00
23) Nitrobenzene-d5	9.326	82	143229	56.665	ng	0.00
42) 2,4,6-Tribromophenol	16.247	330	169858	88.312	ng	0.00
45) 2-Fluorobiphenyl	13.403	172	378169	53.506	ng	0.00
79) Terphenyl-d14	20.089	244	879642	58.676	ng	0.00

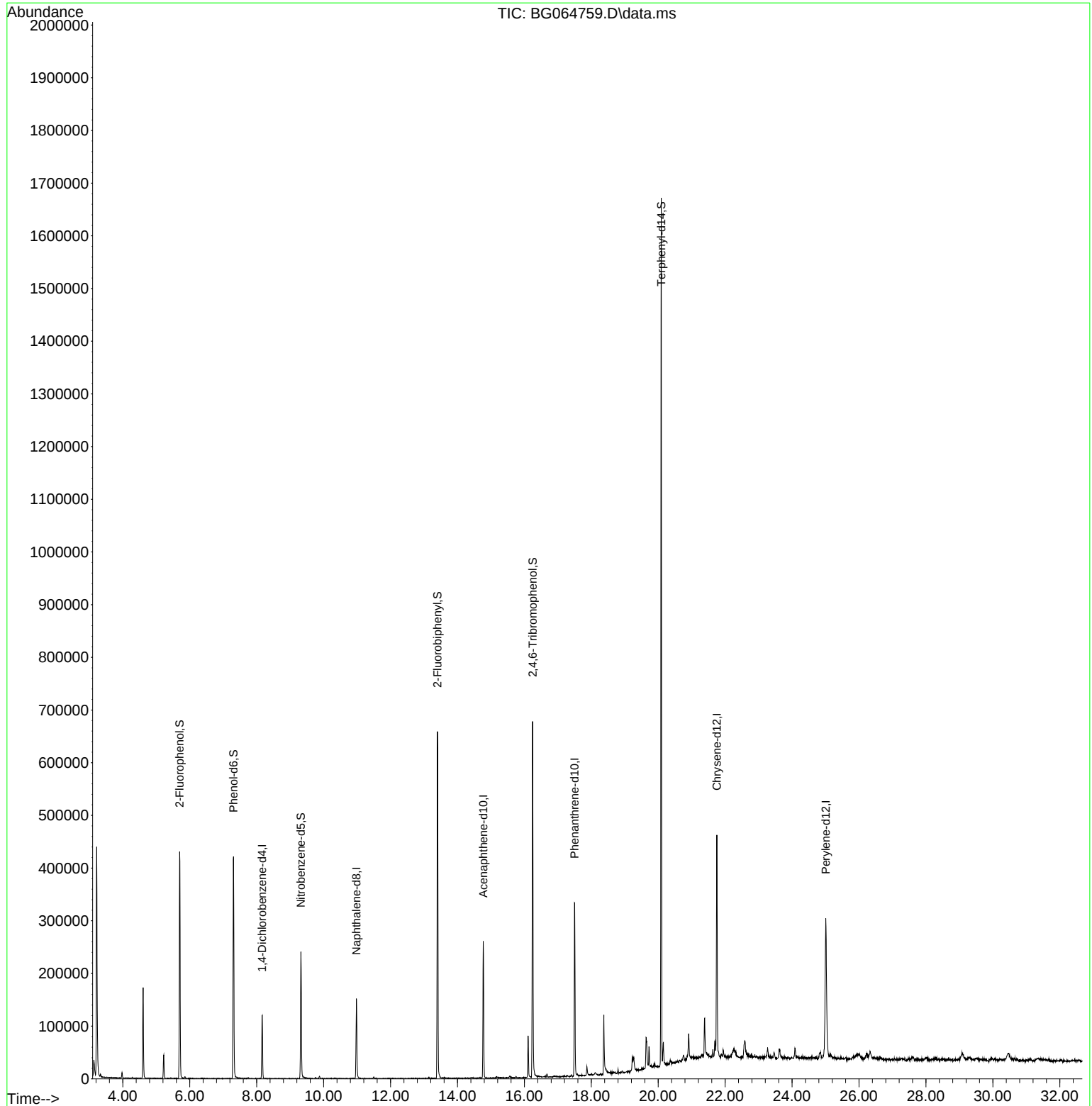
Target Compounds	Qvalue

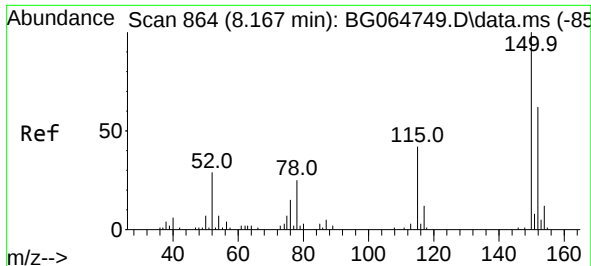
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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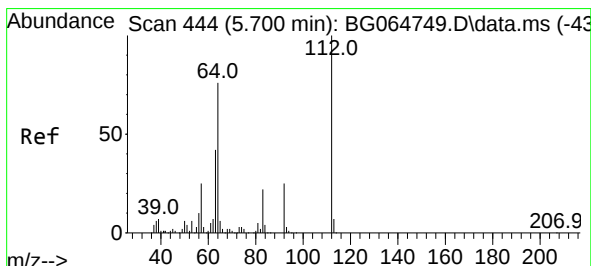
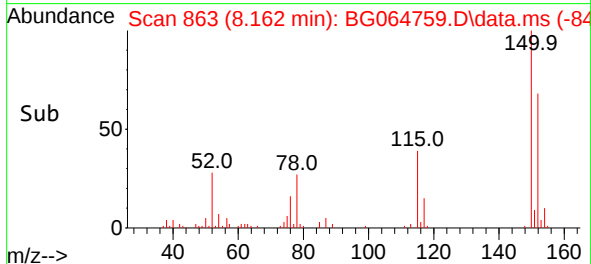
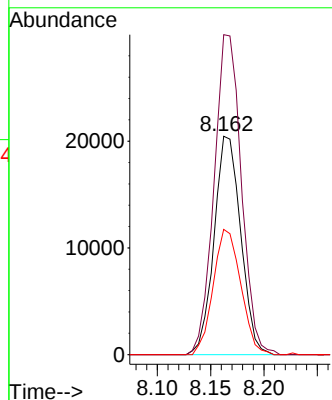
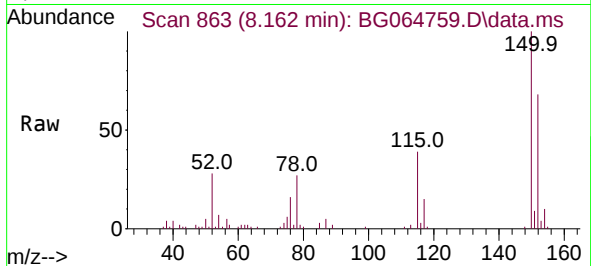




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.162 min Scan# 864
Delta R.T. -0.005 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

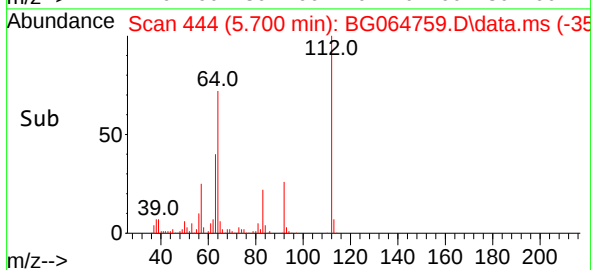
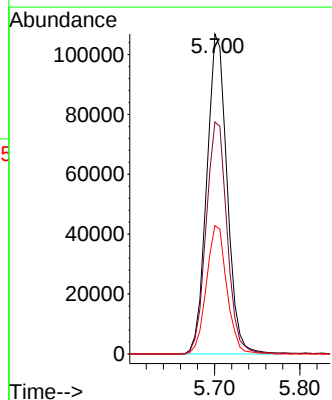
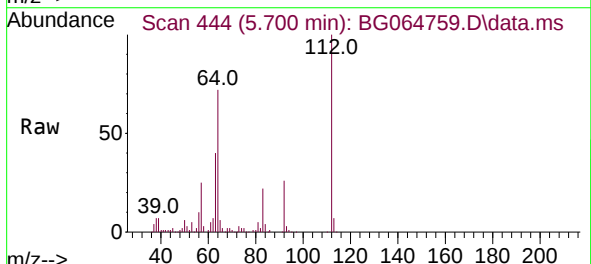
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-04

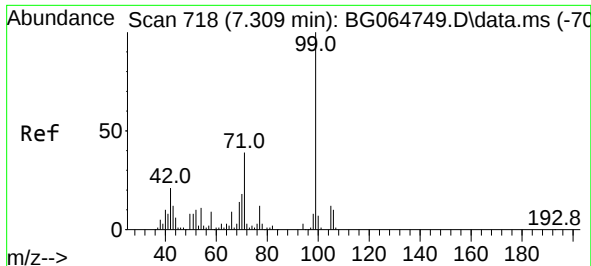
Tgt Ion:152 Resp: 35577
Ion Ratio Lower Upper
152 100
150 146.6 129.2 193.8
115 57.4 53.7 80.5



#5
2-Fluorophenol
Concen: 86.736 ng
RT: 5.700 min Scan# 444
Delta R.T. 0.001 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Tgt Ion:112 Resp: 176713
Ion Ratio Lower Upper
112 100
64 72.5 61.0 91.4
63 40.1 33.3 49.9

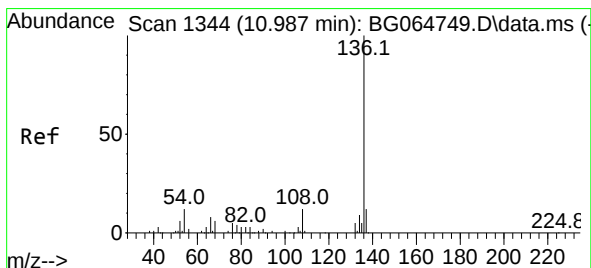
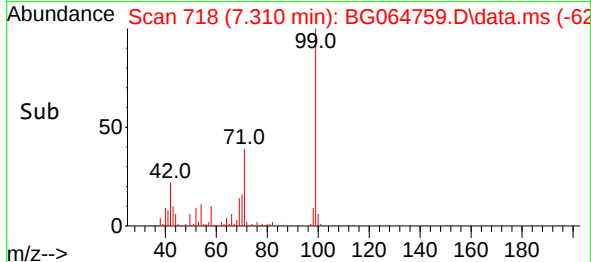
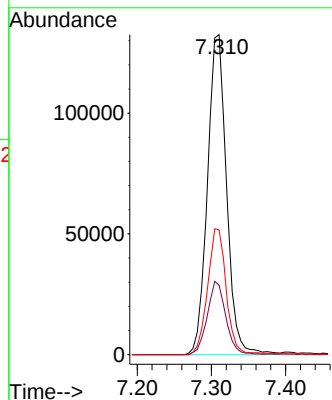
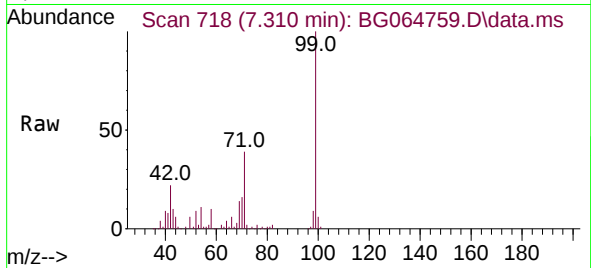




#7
Phenol-d6
Concen: 87.669 ng
RT: 7.310 min Scan# 718
Delta R.T. 0.001 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

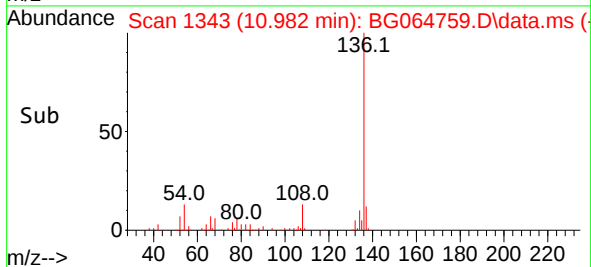
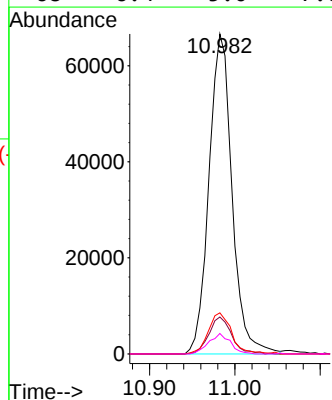
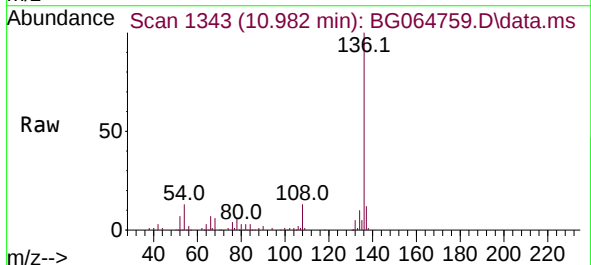
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-04

Tgt Ion: 99 Resp: 237566
Ion Ratio Lower Upper
99 100
42 21.7 16.8 25.2
71 39.0 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.982 min Scan# 1343
Delta R.T. -0.005 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Tgt Ion:136 Resp: 124974
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 12.8 9.3 13.9
68 6.4 5.0 7.6





#23

Nitrobenzene-d5

Concen: 56.665 ng

RT: 9.326 min Scan# 1061

Delta R.T. -0.005 min

Lab File: BG064759.D

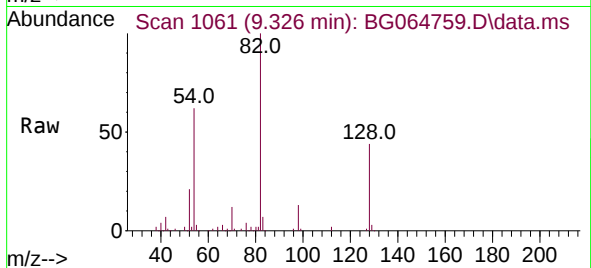
Acq: 13 Nov 2025 16:41

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-04



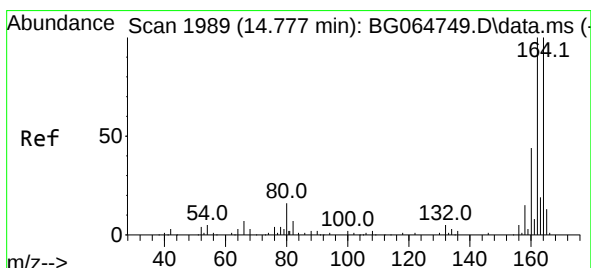
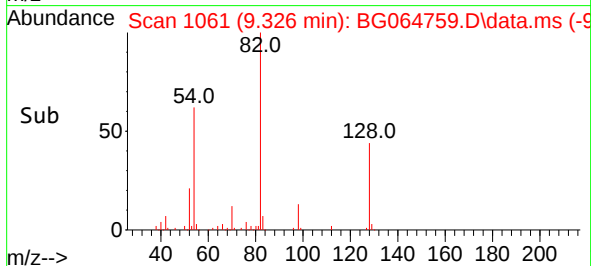
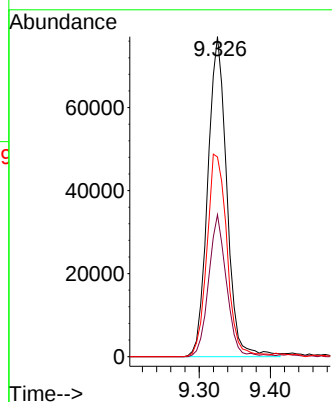
Tgt Ion: 82 Resp: 143229

Ion Ratio Lower Upper

82 100

128 44.3 34.1 51.1

54 62.4 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.772 min Scan# 1988

Delta R.T. -0.005 min

Lab File: BG064759.D

Acq: 13 Nov 2025 16:41

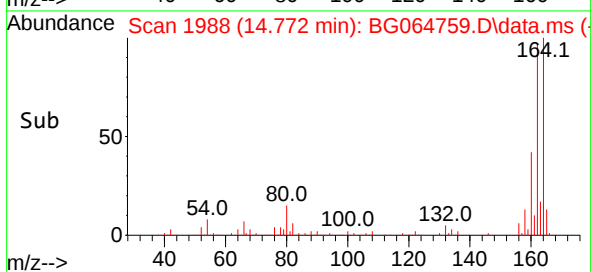
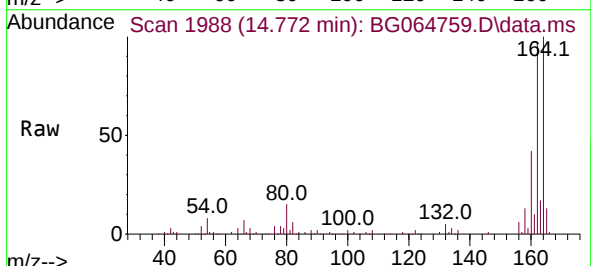
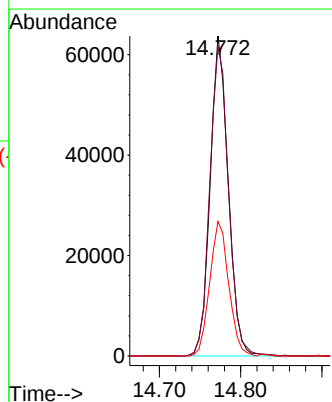
Tgt Ion: 164 Resp: 98619

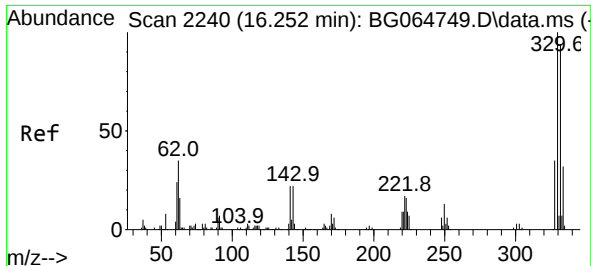
Ion Ratio Lower Upper

164 100

162 96.8 79.8 119.6

160 42.0 34.9 52.3

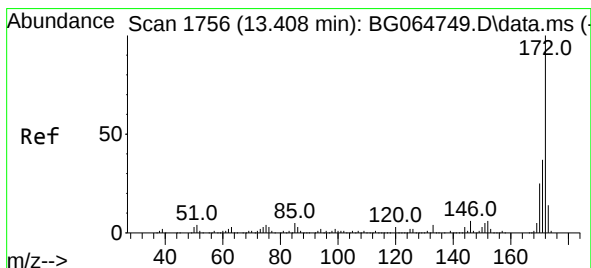
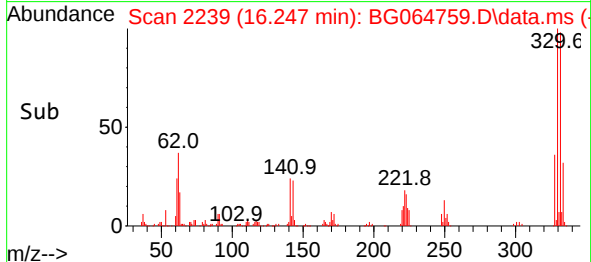
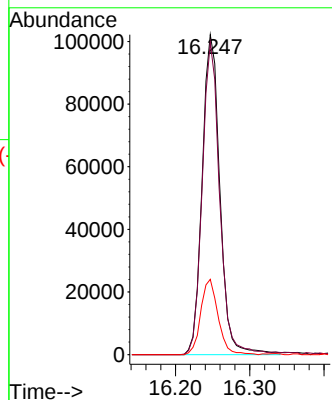
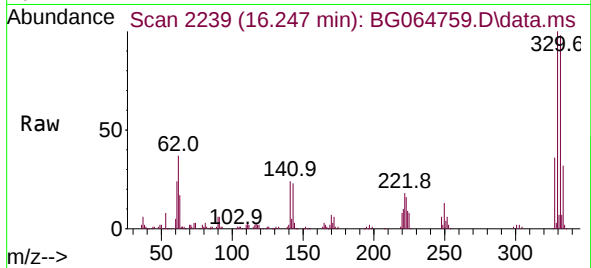




#42
2,4,6-Tribromophenol
Concen: 88.312 ng
RT: 16.247 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

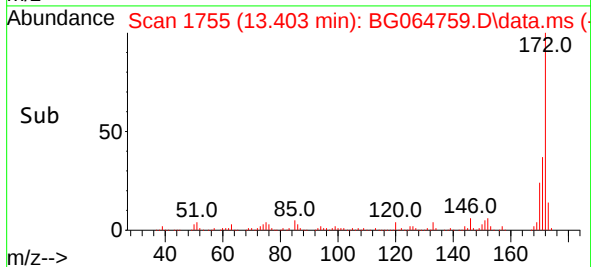
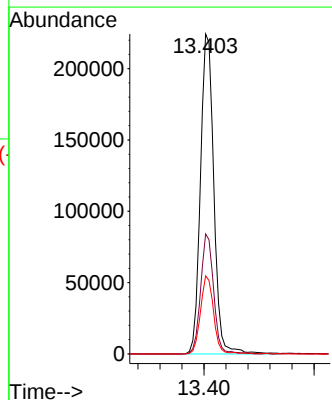
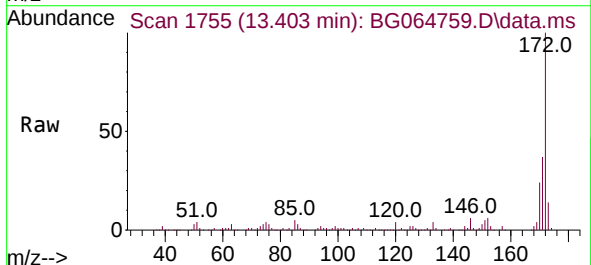
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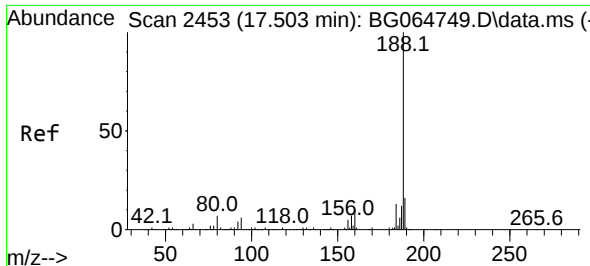
Tgt Ion:330 Resp: 169858
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 22.9 18.2 27.2



#45
2-Fluorobiphenyl
Concen: 53.506 ng
RT: 13.403 min Scan# 1755
Delta R.T. -0.005 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Tgt Ion:172 Resp: 378169
Ion Ratio Lower Upper
172 100
171 37.5 29.9 44.9
170 24.4 19.8 29.6

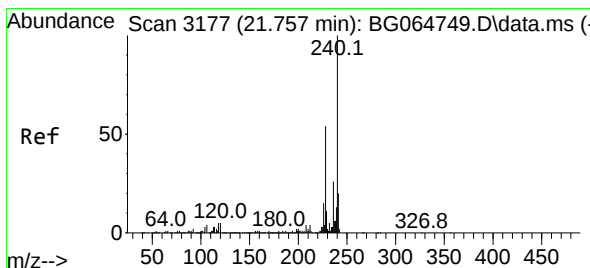
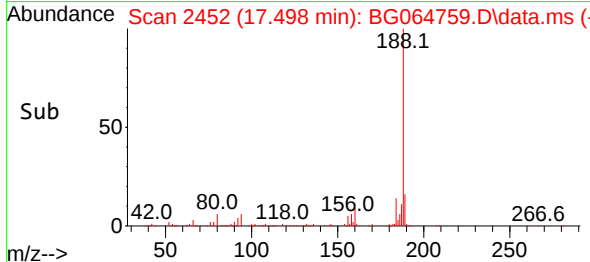
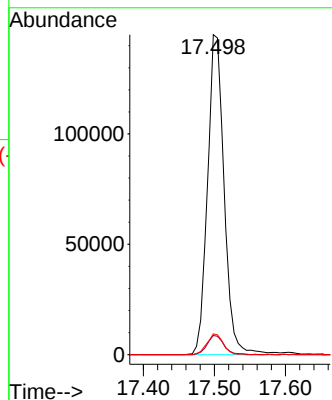
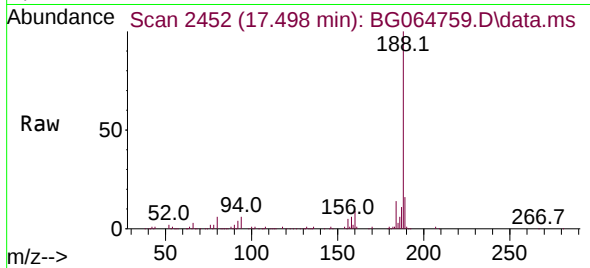




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

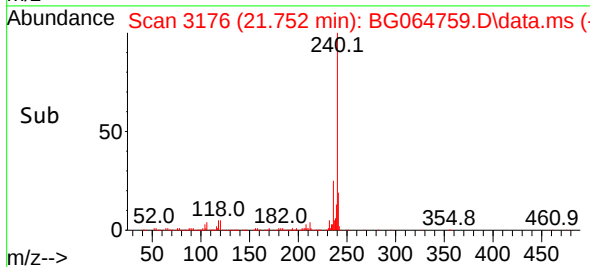
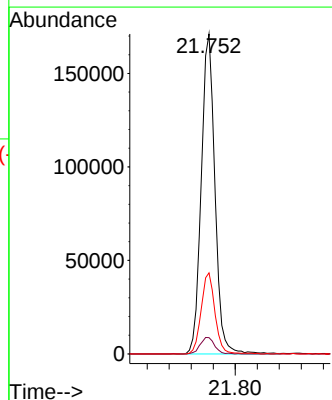
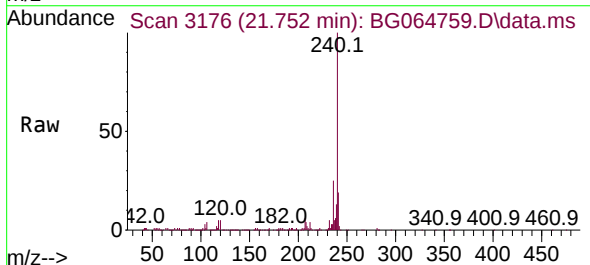
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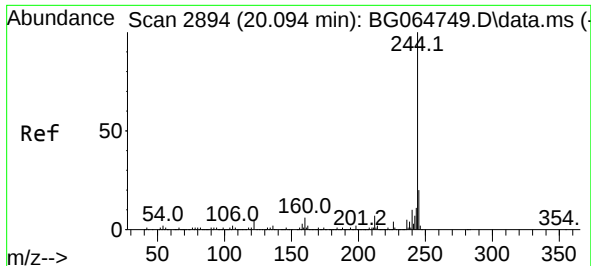
Tgt Ion:188 Resp: 235725
Ion Ratio Lower Upper
188 100
94 6.0 4.7 7.1
80 6.5 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.752 min Scan# 3176
Delta R.T. -0.005 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Tgt Ion:240 Resp: 294896
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.4
236 25.4 20.8 31.2

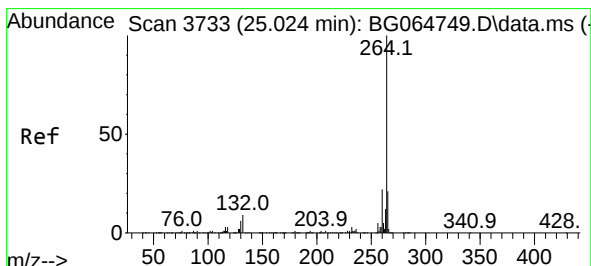
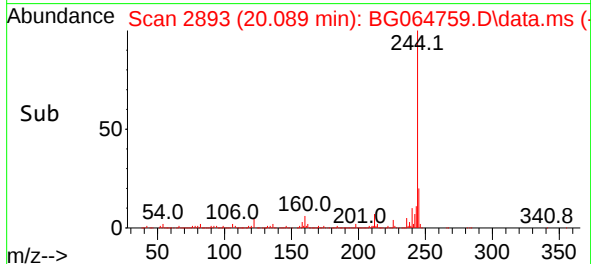
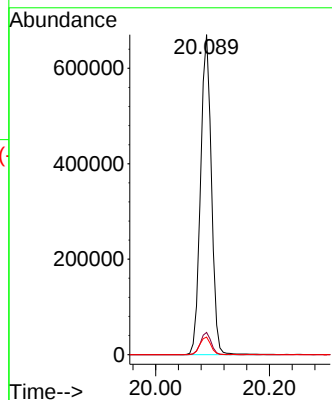
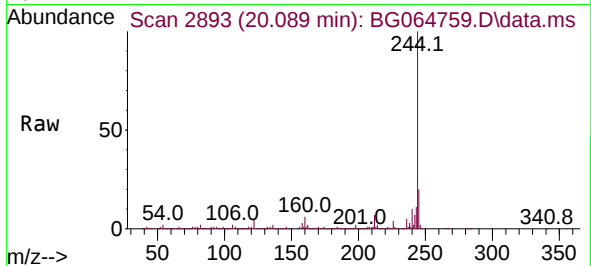




#79
Terphenyl-d14
Concen: 58.676 ng
RT: 20.089 min Scan# 2893
Delta R.T. -0.005 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:244 Resp: 879642
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 5.5 4.3 6.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.007 min Scan# 3730
Delta R.T. -0.017 min
Lab File: BG064759.D
Acq: 13 Nov 2025 16:41

Tgt Ion:264 Resp: 324774
Ion Ratio Lower Upper
264 100
260 24.6 17.2 25.8
265 21.5 16.6 25.0

