

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
 Data File : BG064769.D
 Acq On : 13 Nov 2025 23:29
 Operator : RC/JU
 Sample : Q3609-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-713-COMP-02

Quant Time: Nov 14 05:05:33 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	8.165	152	40492	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	151428	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	116412	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	277775	20.000	ng	0.00
76) Chrysene-d12	21.749	240	318527	20.000	ng	0.00
86) Perylene-d12	25.004	264	327313	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	255307	110.101	ng	0.00
7) Phenol-d6	7.307	99	292713	94.909	ng	0.00
23) Nitrobenzene-d5	9.328	82	250779	81.882	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	283232	124.750	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	669335	80.228	ng	0.00
79) Terphenyl-d14	20.092	244	1561338	96.422	ng	0.00

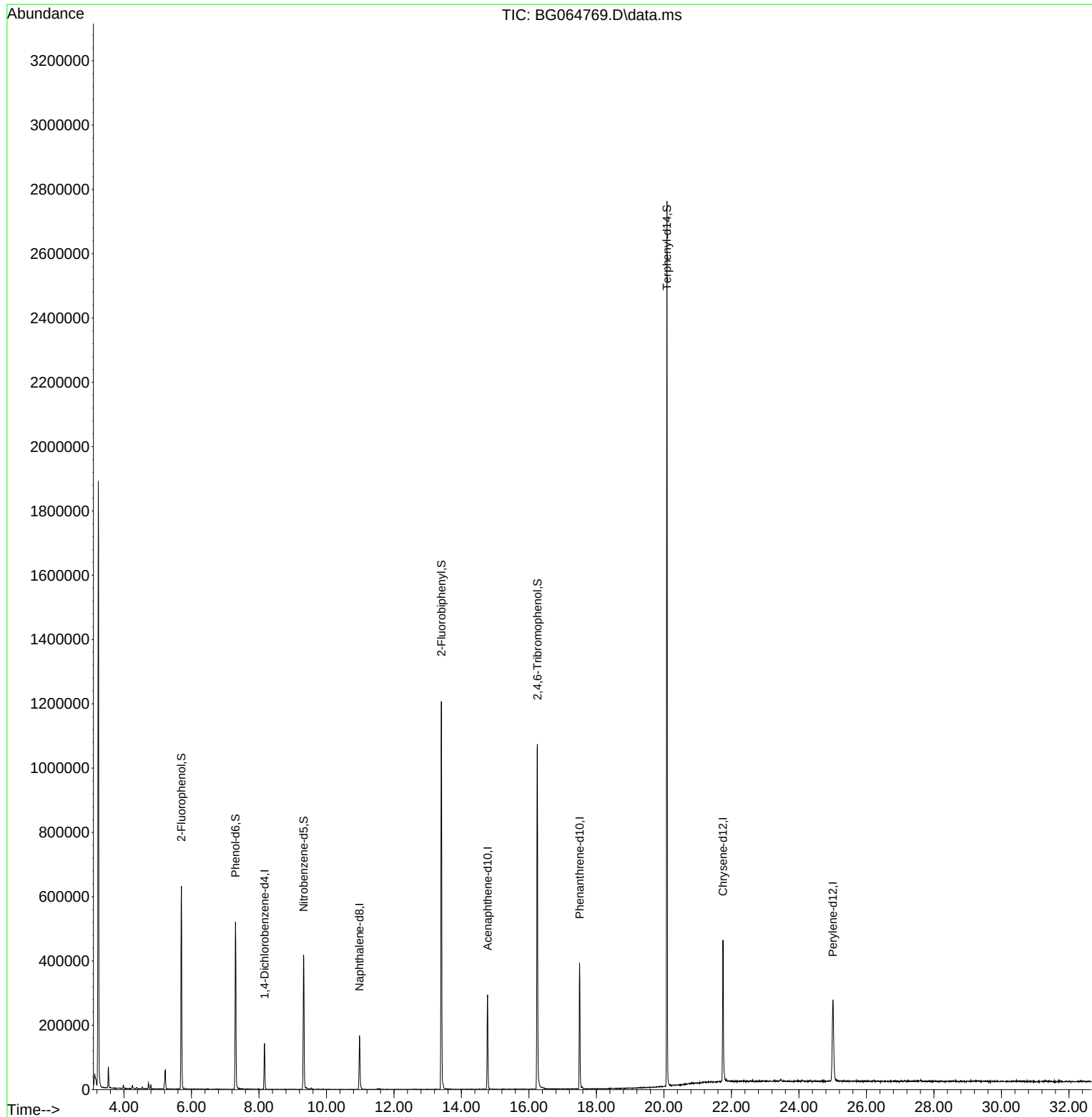
Target Compounds	Qvalue

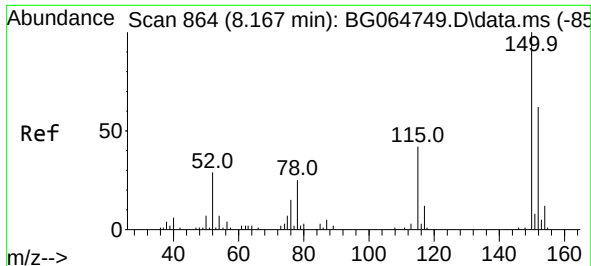
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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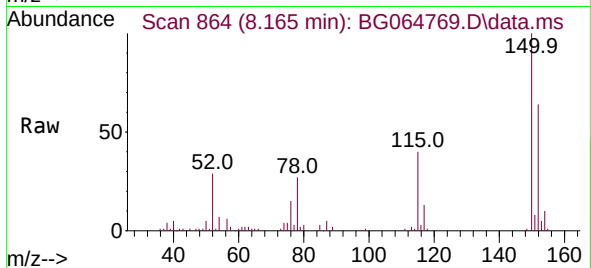
Quant Time: Nov 14 05:05:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
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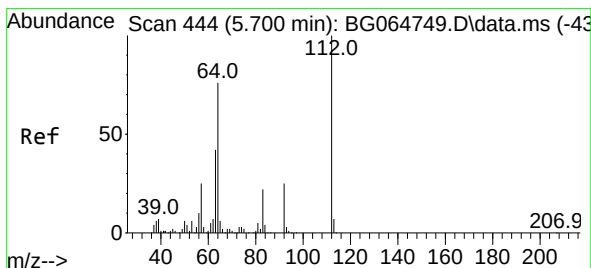
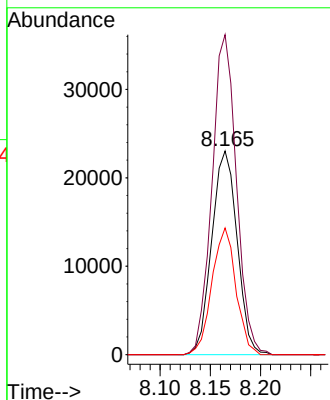
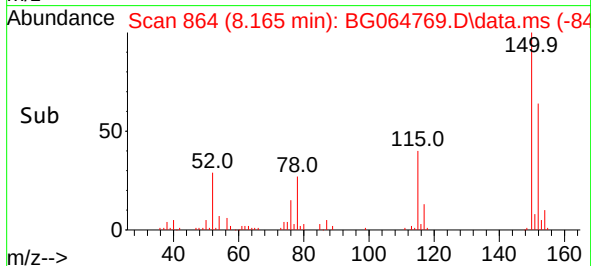


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

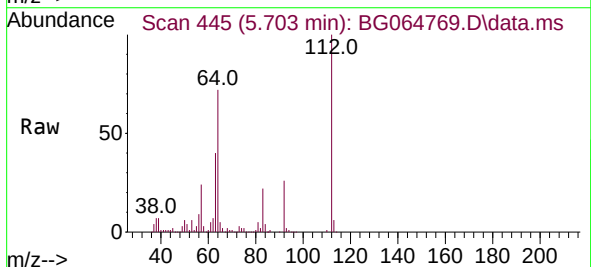
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-02



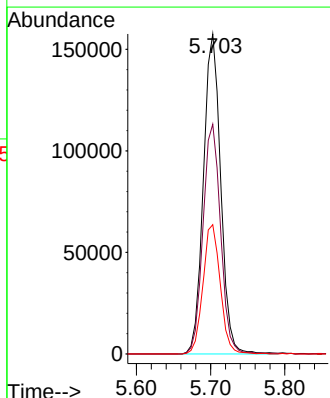
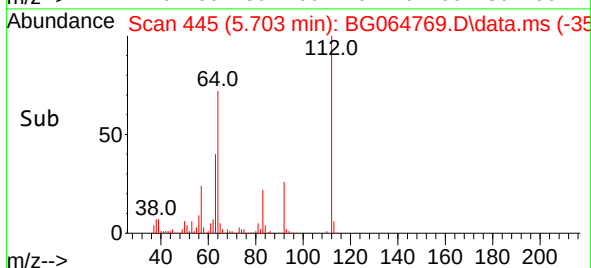
Tgt Ion:152 Resp: 40492
Ion Ratio Lower Upper
152 100
150 157.1 129.2 193.8
115 62.2 53.7 80.5

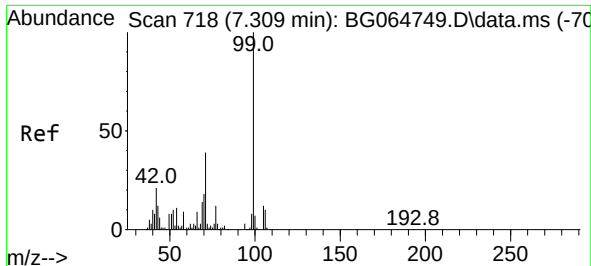


#5
2-Fluorophenol
Concen: 110.101 ng
RT: 5.703 min Scan# 445
Delta R.T. 0.003 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29



Tgt Ion:112 Resp: 255307
Ion Ratio Lower Upper
112 100
64 71.8 61.0 91.4
63 40.4 33.3 49.9

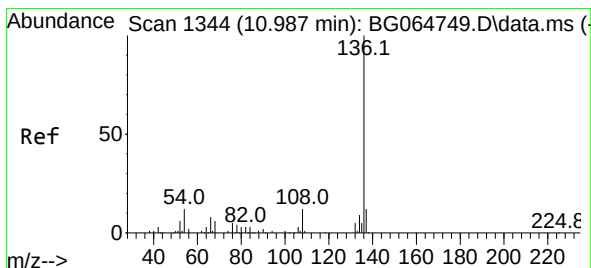
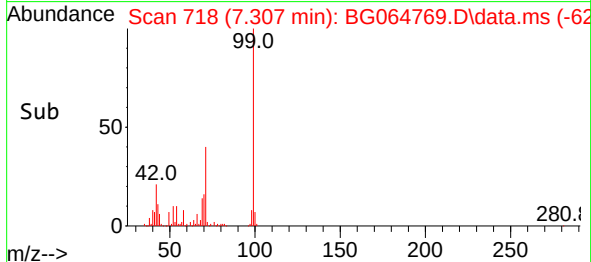
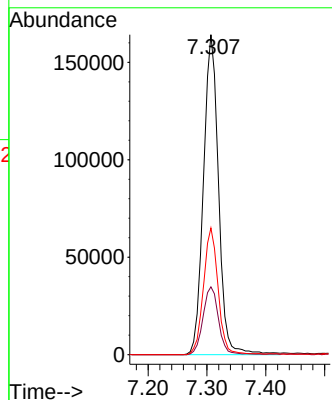
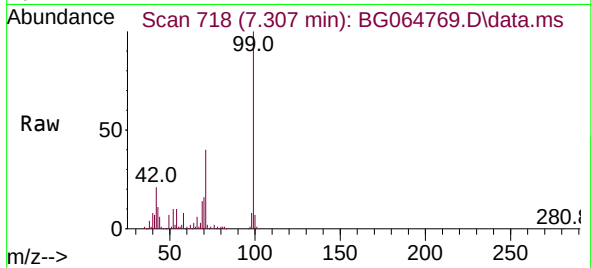




#7
Phenol-d6
Concen: 94.909 ng
RT: 7.307 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

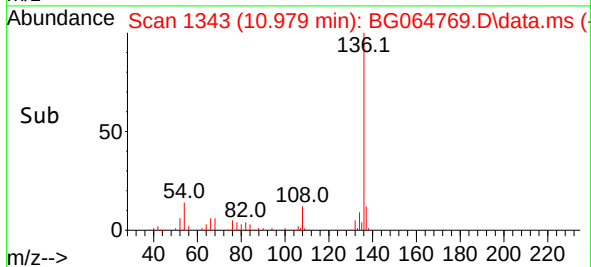
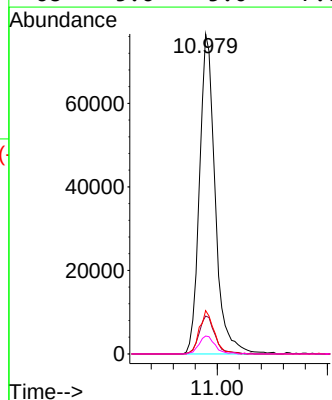
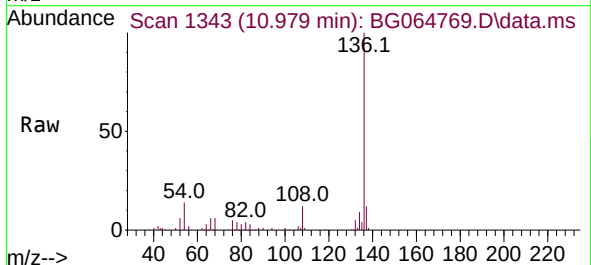
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-02

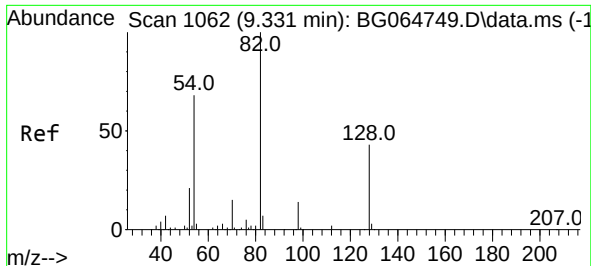
Tgt Ion: 99 Resp: 292713
Ion Ratio Lower Upper
99 100
42 21.2 16.8 25.2
71 39.6 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

Tgt Ion:136 Resp: 151428
Ion Ratio Lower Upper
136 100
137 11.8 9.3 13.9
54 13.6 9.3 13.9
68 5.6 5.0 7.6





#23

Nitrobenzene-d5

Concen: 81.882 ng

RT: 9.328 min Scan# 1062

Delta R.T. -0.003 min

Lab File: BG064769.D

Acq: 13 Nov 2025 23:29

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-02

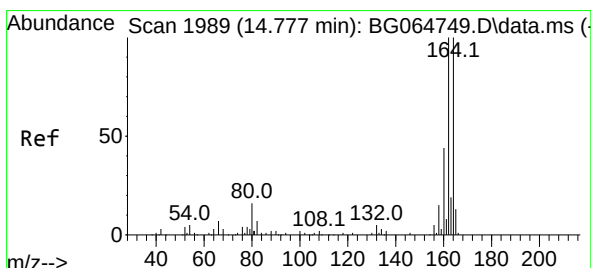
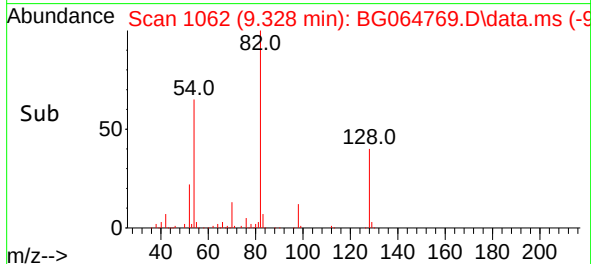
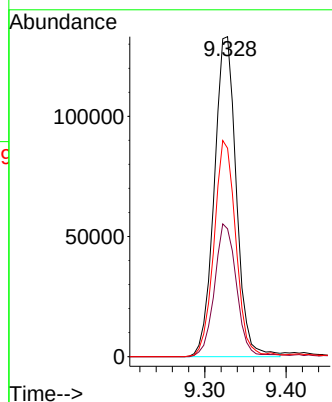
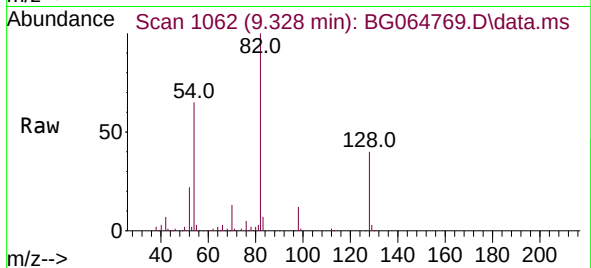
Tgt Ion: 82 Resp: 250779

Ion Ratio Lower Upper

82 100

128 39.9 34.1 51.1

54 65.1 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.775 min Scan# 1989

Delta R.T. -0.003 min

Lab File: BG064769.D

Acq: 13 Nov 2025 23:29

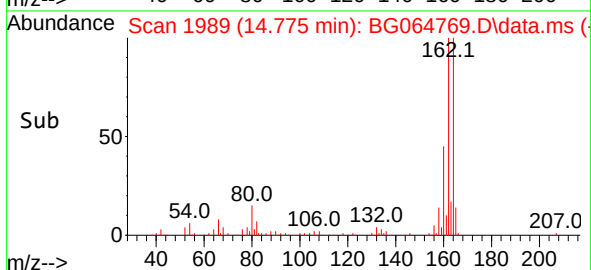
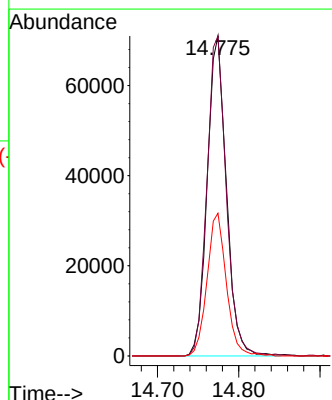
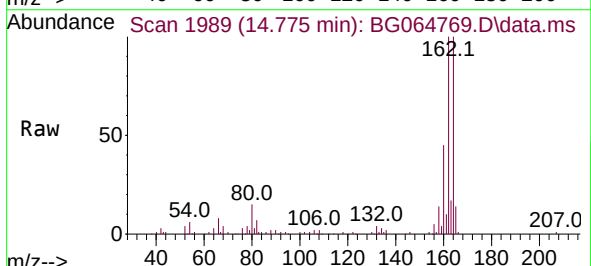
Tgt Ion: 164 Resp: 116412

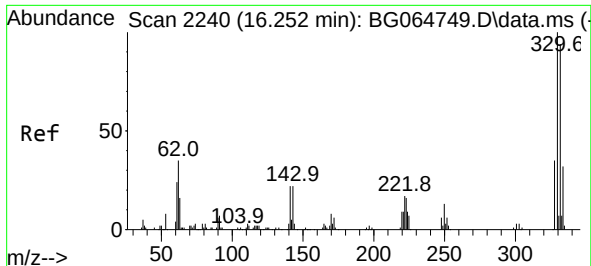
Ion Ratio Lower Upper

164 100

162 100.1 79.8 119.6

160 44.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 124.750 ng

RT: 16.249 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064769.D

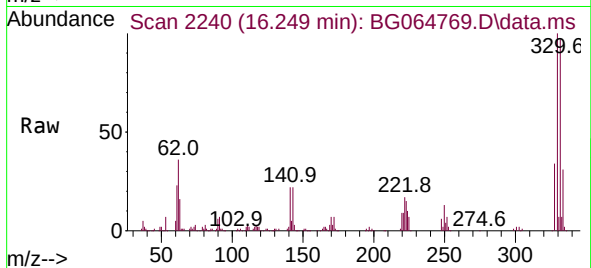
Acq: 13 Nov 2025 23:29

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-02



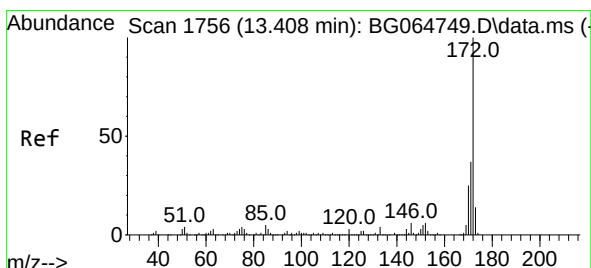
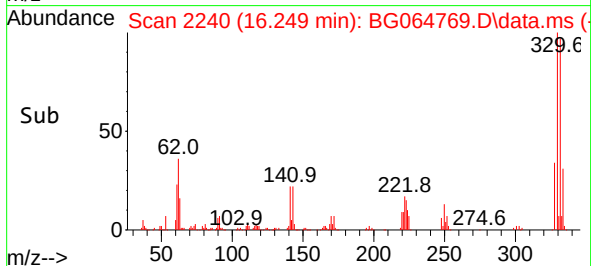
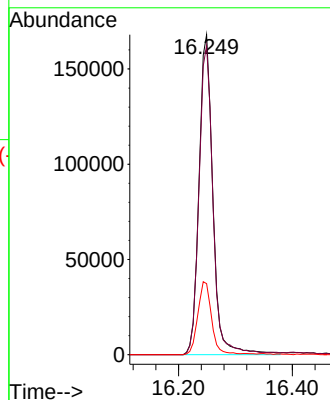
Tgt Ion:330 Resp: 283232

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

141 22.5 18.2 27.2



#45

2-Fluorobiphenyl

Concen: 80.228 ng

RT: 13.406 min Scan# 1756

Delta R.T. -0.003 min

Lab File: BG064769.D

Acq: 13 Nov 2025 23:29

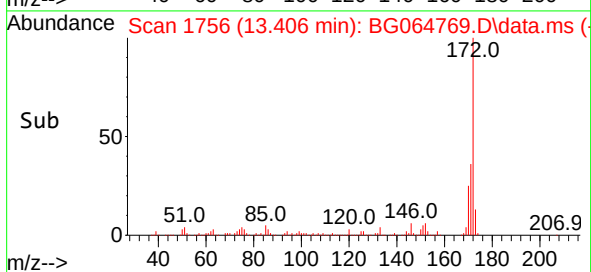
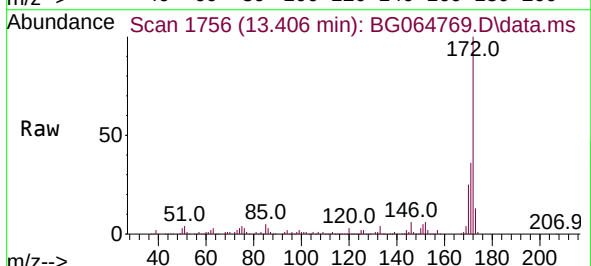
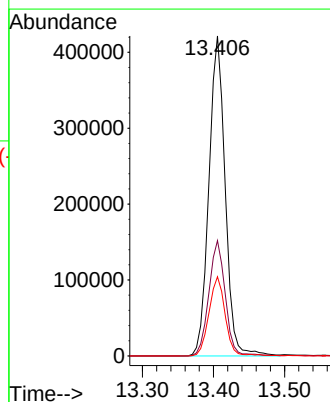
Tgt Ion:172 Resp: 669335

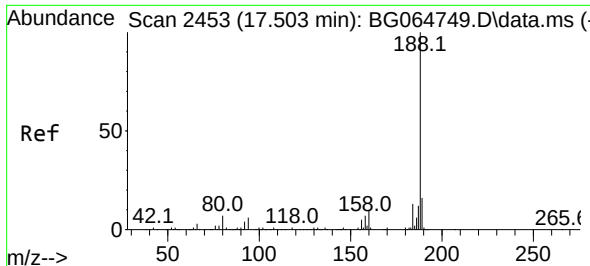
Ion Ratio Lower Upper

172 100

171 36.0 29.9 44.9

170 24.8 19.8 29.6

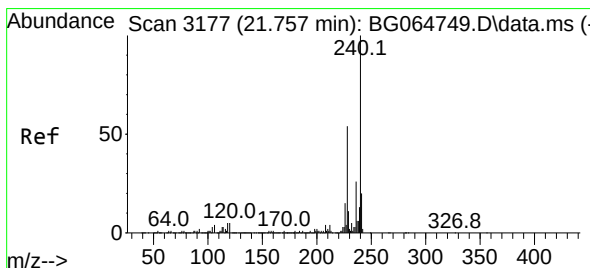
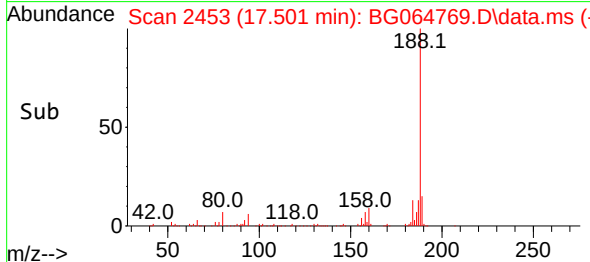
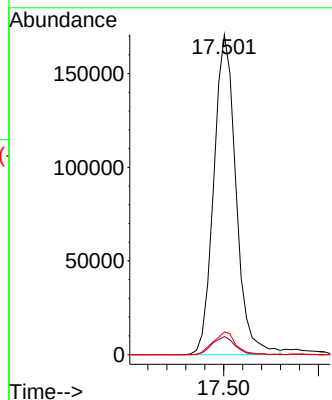
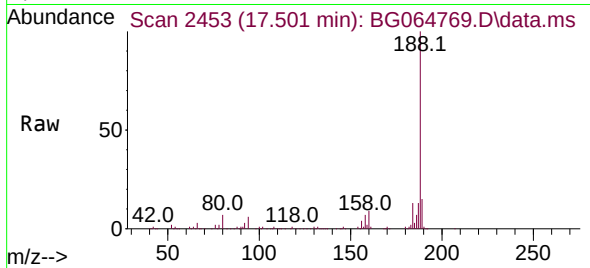




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

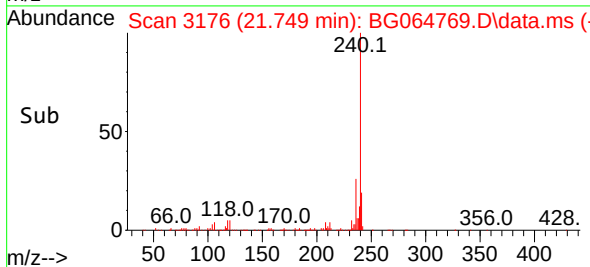
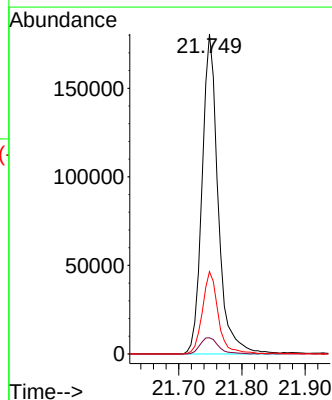
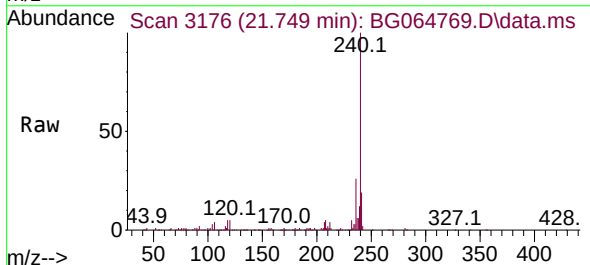
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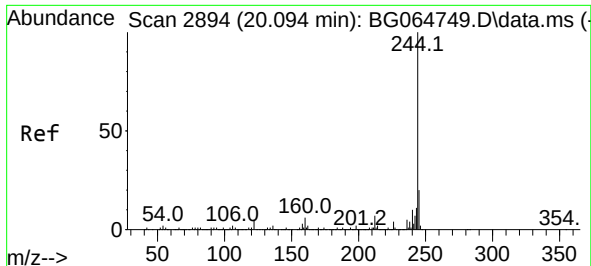
Tgt Ion:188 Resp: 277775
Ion Ratio Lower Upper
188 100
94 5.6 4.7 7.1
80 7.1 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3176
Delta R.T. -0.009 min
Lab File: BG064769.D
Acq: 13 Nov 2025 23:29

Tgt Ion:240 Resp: 318527
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.4
236 25.7 20.8 31.2

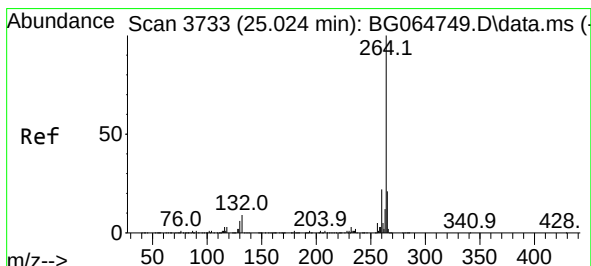
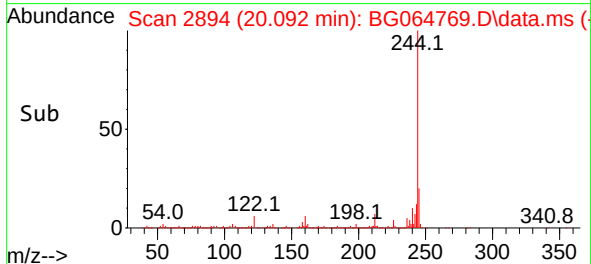
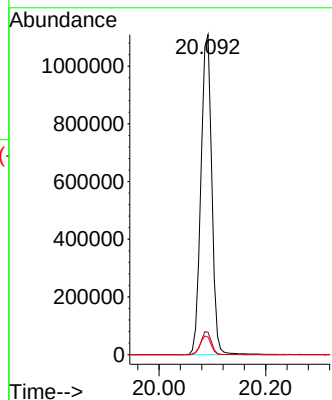
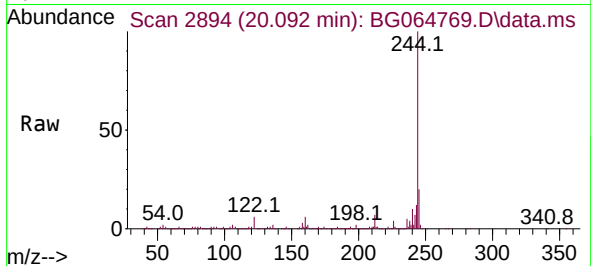




#79
 Terphenyl-d14
 Concen: 96.422 ng
 RT: 20.092 min Scan# 2894
 Delta R.T. -0.003 min
 Lab File: BG064769.D
 Acq: 13 Nov 2025 23:29

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 1561338
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 5.5 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.004 min Scan# 3730
 Delta R.T. -0.020 min
 Lab File: BG064769.D
 Acq: 13 Nov 2025 23:29

Tgt Ion:264 Resp: 327313
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.2 25.8
 265 21.0 16.6 25.0

