

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
 Data File : BG064771.D
 Acq On : 14 Nov 2025 00:51
 Operator : RC/JU
 Sample : Q3609-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Nov 14 05:06:13 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	35095	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	128750	20.000	ng	# 0.00
39) Acenaphthene-d10	14.775	164	101421	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	245986	20.000	ng	0.00
76) Chrysene-d12	21.749	240	330051	20.000	ng	0.00
86) Perylene-d12	25.004	264	330118	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	241977	120.400	ng	0.00
7) Phenol-d6	7.307	99	282543	105.699	ng	0.00
23) Nitrobenzene-d5	9.322	82	220663	84.739	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	245311	124.018	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	584506	80.416	ng	0.00
79) Terphenyl-d14	20.086	244	1378740	82.172	ng	0.00

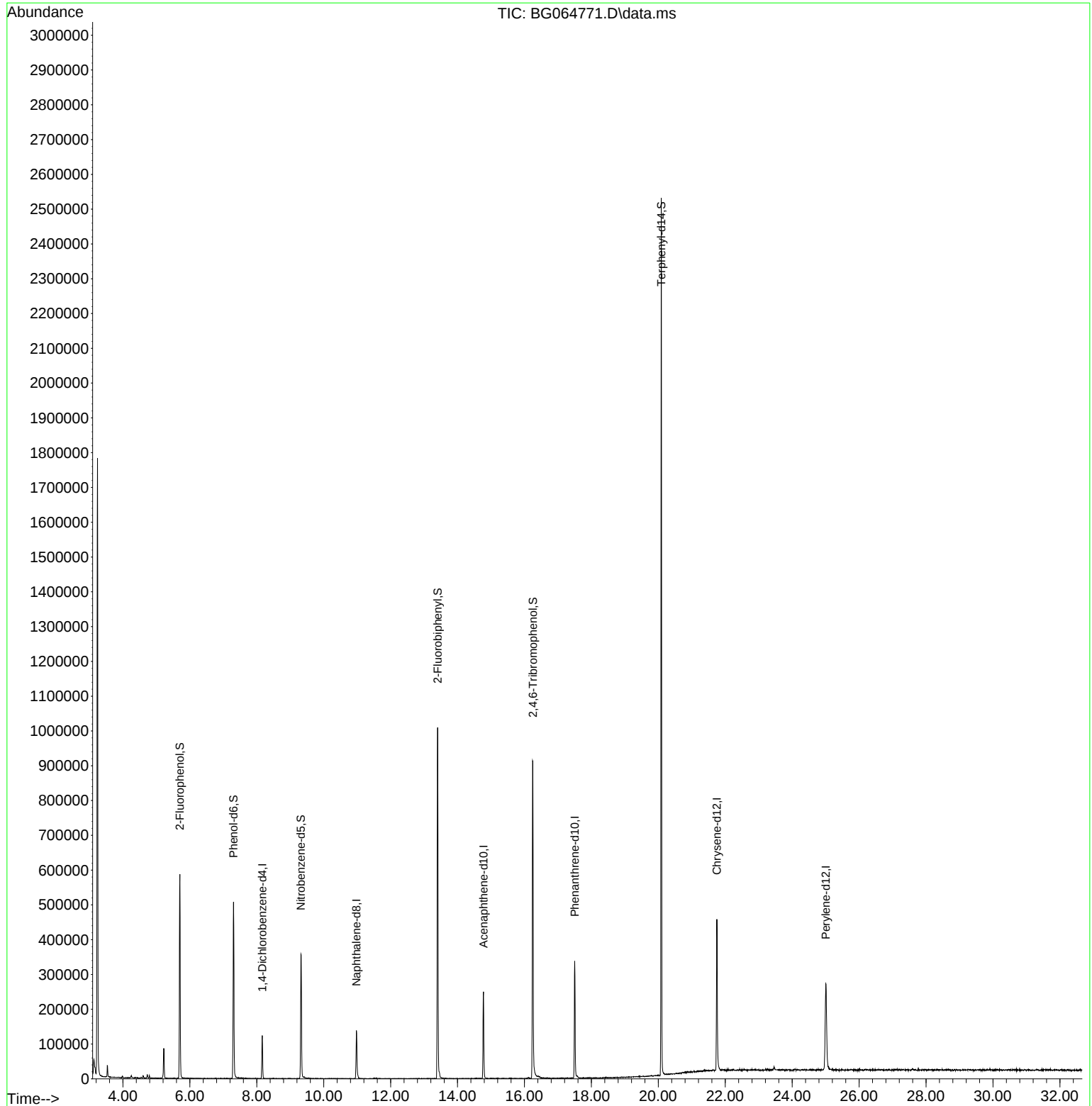
Target Compounds	Qvalue

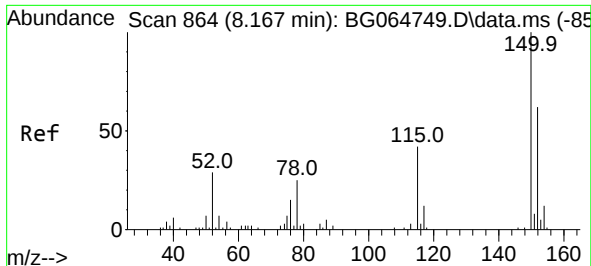
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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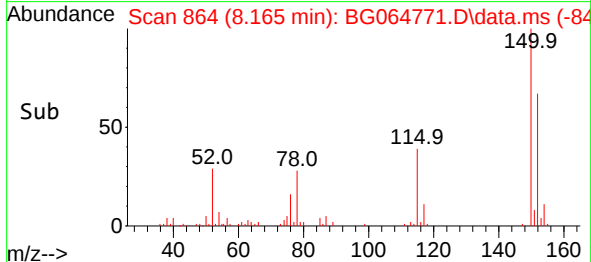
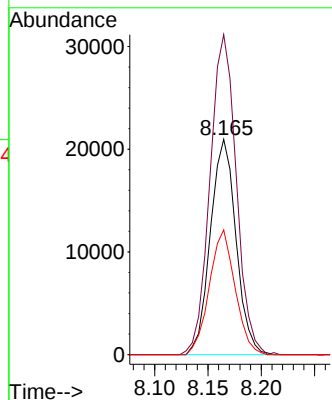
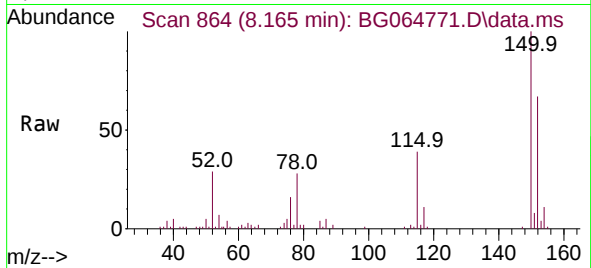




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

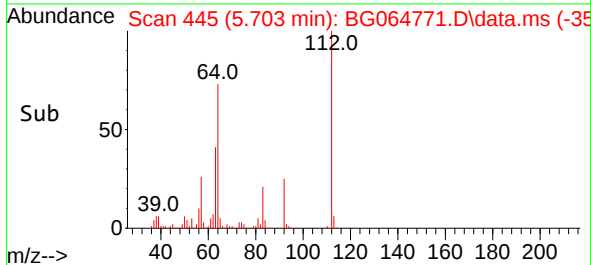
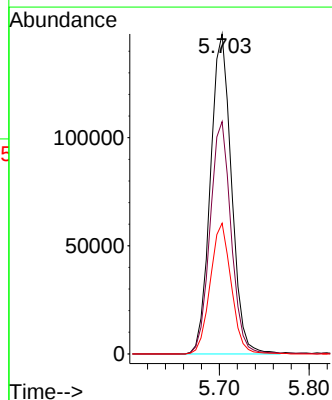
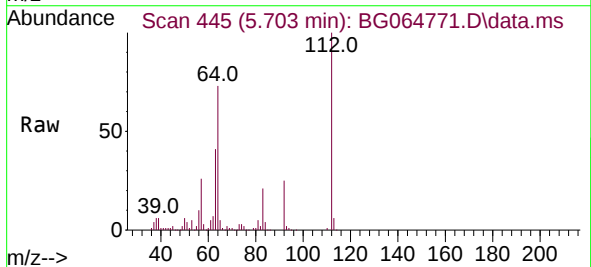
Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-04

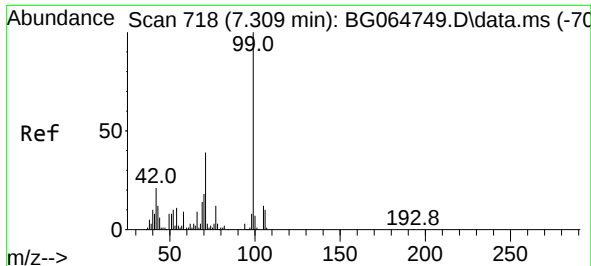
Tgt Ion:152 Resp: 35095
Ion Ratio Lower Upper
152 100
150 148.6 129.2 193.8
115 57.9 53.7 80.5



#5
2-Fluorophenol
Concen: 120.400 ng
RT: 5.703 min Scan# 445
Delta R.T. 0.003 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

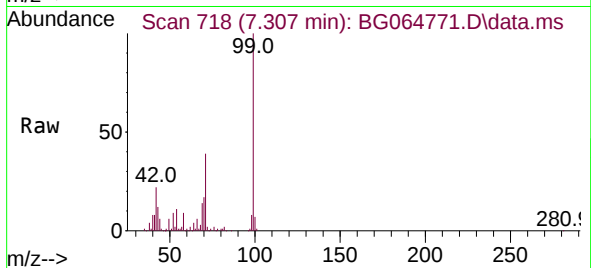
Tgt Ion:112 Resp: 241977
Ion Ratio Lower Upper
112 100
64 72.6 61.0 91.4
63 40.8 33.3 49.9





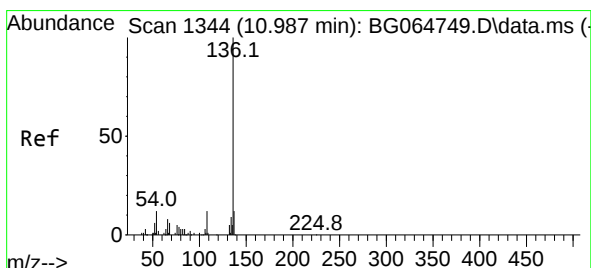
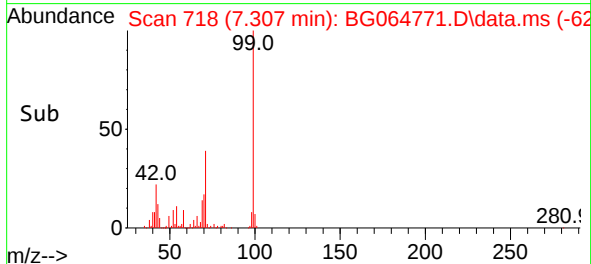
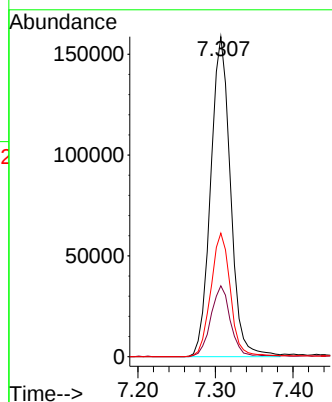
#7
Phenol-d6
Concen: 105.699 ng
RT: 7.307 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

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



Tgt Ion: 99 Resp: 282543

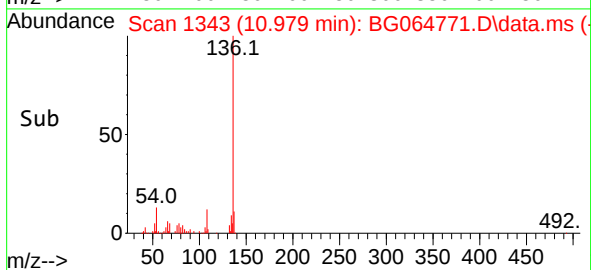
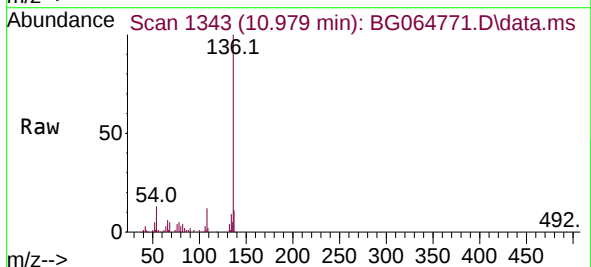
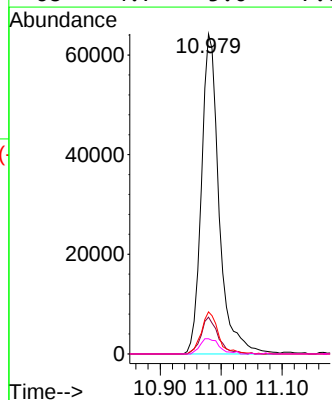
Ion	Ratio	Lower	Upper
99	100		
42	22.1	16.8	25.2
71	38.6	31.1	46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

Tgt Ion: 136 Resp: 128750

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	13.1	9.3	13.9
68	4.7	5.0	7.6





#23

Nitrobenzene-d5

Concen: 84.739 ng

RT: 9.322 min Scan# 1061

Delta R.T. -0.008 min

Lab File: BG064771.D

Acq: 14 Nov 2025 00:51

Instrument :

BNA_G

ClientSampleId :

AU-713-COMP-04

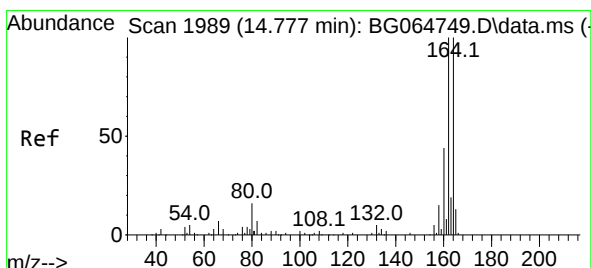
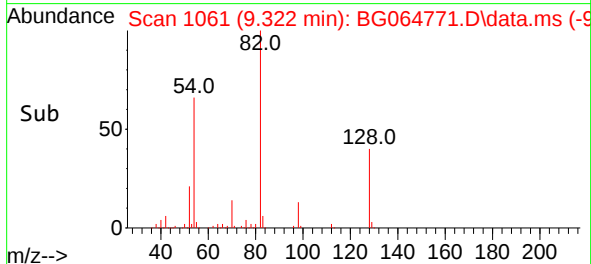
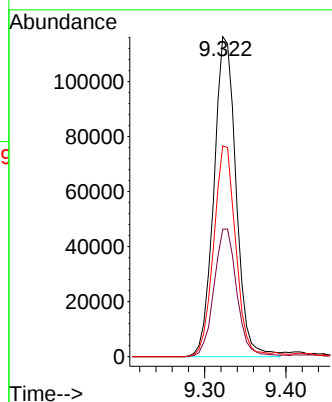
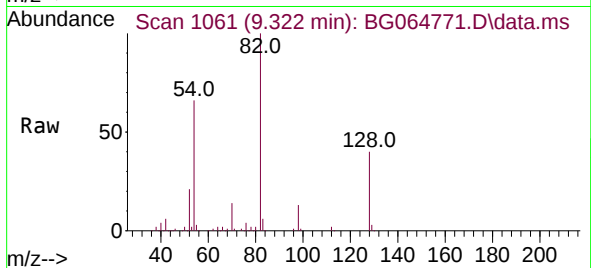
Tgt Ion: 82 Resp: 220663

Ion Ratio Lower Upper

82 100

128 39.8 34.1 51.1

54 65.8 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.775 min Scan# 1989

Delta R.T. -0.002 min

Lab File: BG064771.D

Acq: 14 Nov 2025 00:51

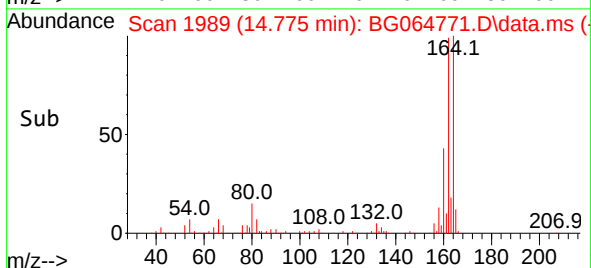
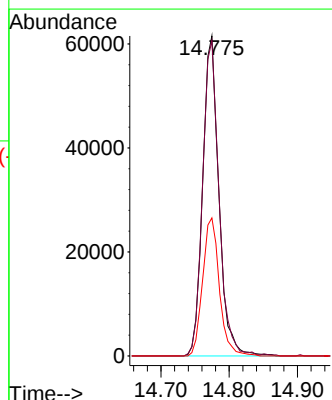
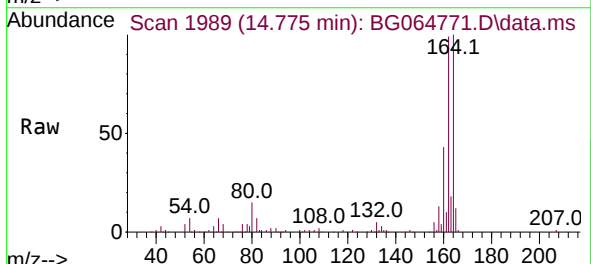
Tgt Ion: 164 Resp: 101421

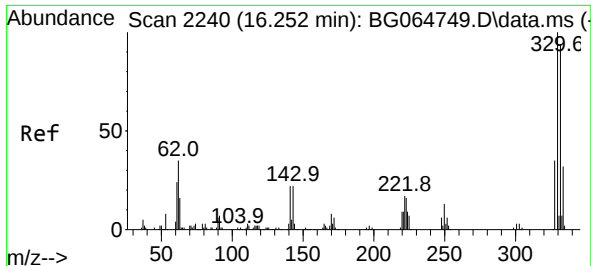
Ion Ratio Lower Upper

164 100

162 98.5 79.8 119.6

160 43.1 34.9 52.3

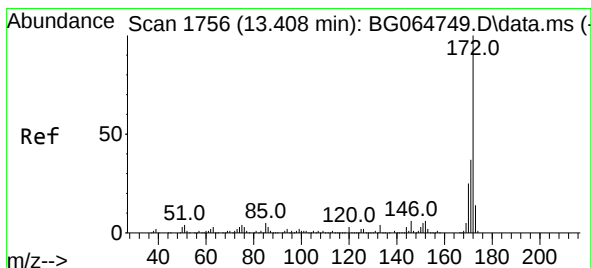
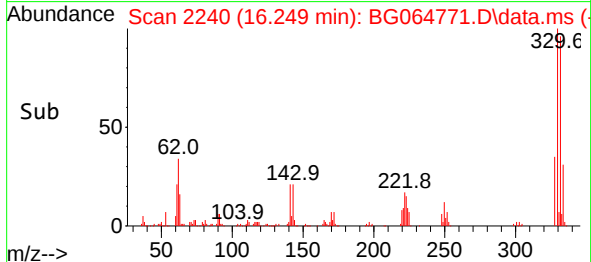
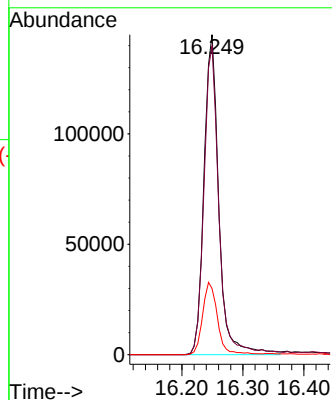
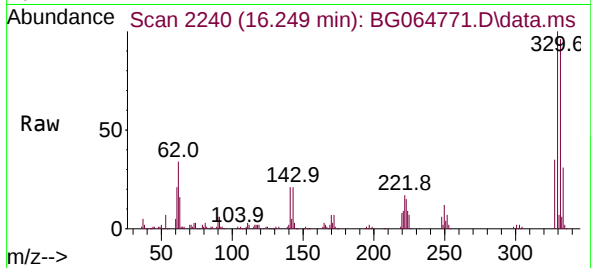




#42
2,4,6-Tribromophenol
Concen: 124.018 ng
RT: 16.249 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

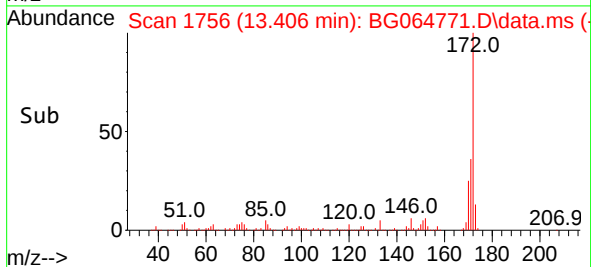
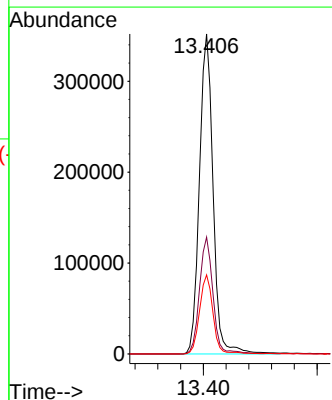
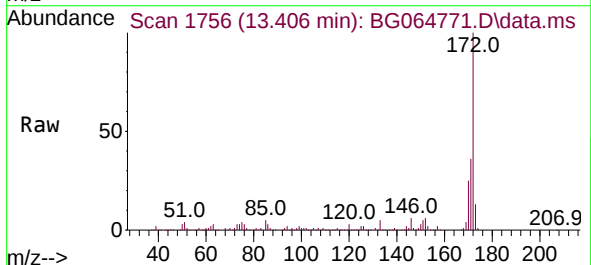
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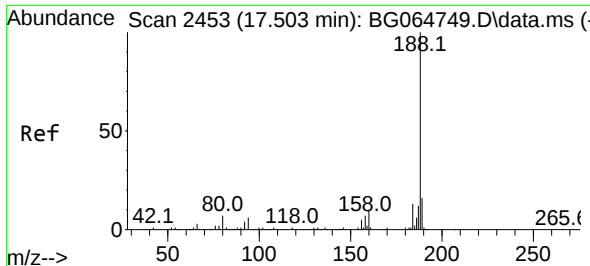
Tgt Ion:330 Resp: 245311
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 22.7 18.2 27.2



#45
2-Fluorobiphenyl
Concen: 80.416 ng
RT: 13.406 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

Tgt Ion:172 Resp: 584506
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 24.7 19.8 29.6

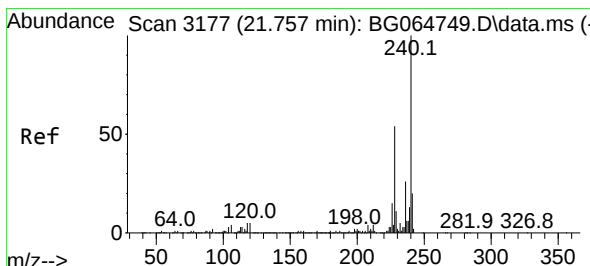
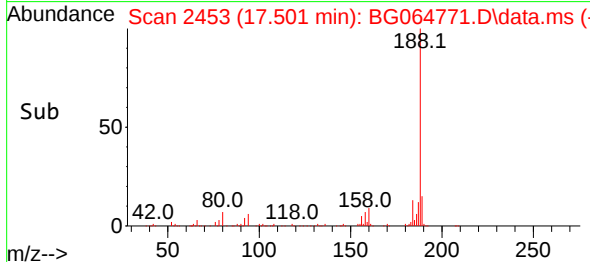
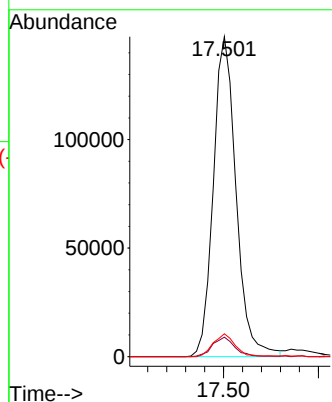
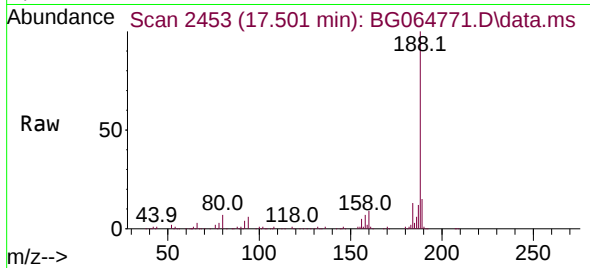




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

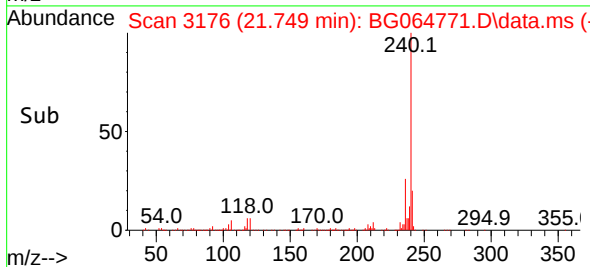
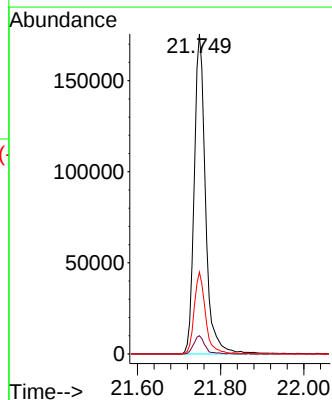
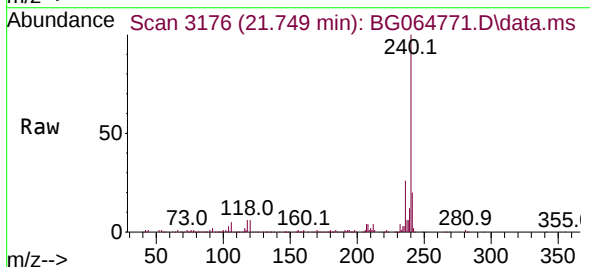
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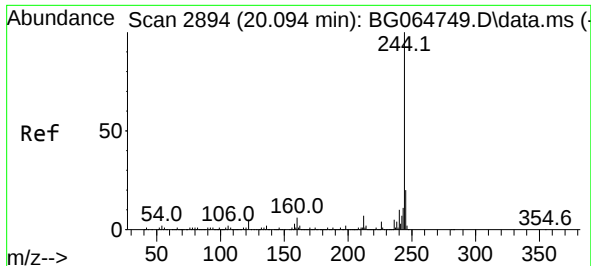
Tgt Ion:188 Resp: 245986
Ion Ratio Lower Upper
188 100
94 6.1 4.7 7.1
80 7.1 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3176
Delta R.T. -0.008 min
Lab File: BG064771.D
Acq: 14 Nov 2025 00:51

Tgt Ion:240 Resp: 330051
Ion Ratio Lower Upper
240 100
120 5.7 4.2 6.4
236 25.6 20.8 31.2

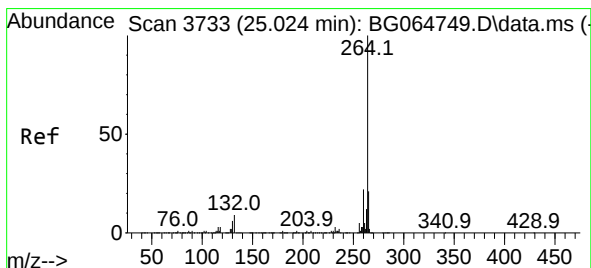
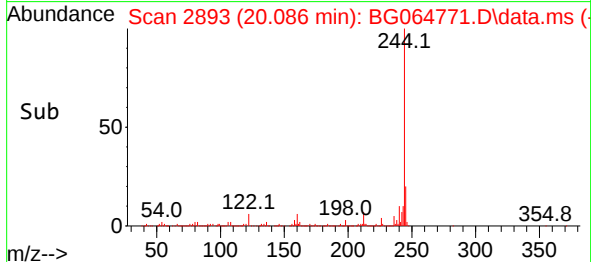
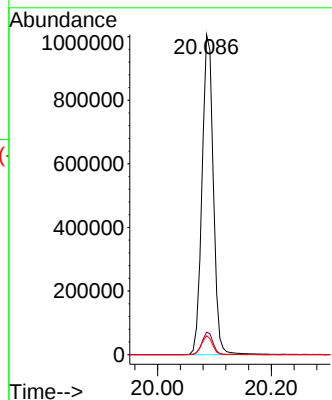
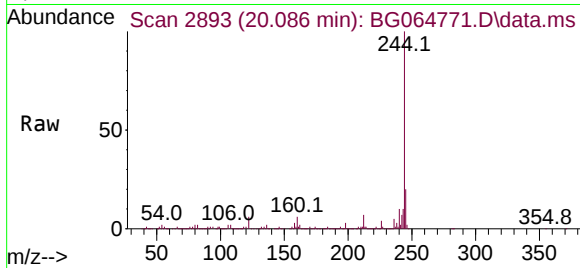




#79
 Terphenyl-d14
 Concen: 82.172 ng
 RT: 20.086 min Scan# 2893
 Delta R.T. -0.008 min
 Lab File: BG064771.D
 Acq: 14 Nov 2025 00:51

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

Tgt Ion:244 Resp: 1378740
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 5.9 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: BG064771.D
 Acq: 14 Nov 2025 00:51

Tgt Ion:264 Resp: 330118
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.2 25.8
 265 21.5 16.6 25.0

