

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112025\
 Data File : BG064831.D
 Acq On : 20 Nov 2025 12:57
 Operator : RC/JU
 Sample : Q3664-05
 Misc : LOQ-WATER-5ng
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 291399

Quant Time: Nov 20 13:36:00 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	8.164	152	36486	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	139664	20.000	ng	0.00
39) Acenaphthene-d10	14.768	164	112486	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	287333	20.000	ng	0.00
76) Chrysene-d12	21.748	240	353060	20.000	ng	0.00
86) Perylene-d12	24.997	264	365194	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	132181	63.262	ng	0.00
7) Phenol-d6	7.306	99	187613	67.510	ng	0.00
23) Nitrobenzene-d5	9.322	82	119336	42.246	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	129040	58.820	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	356238	44.190	ng	0.00
79) Terphenyl-d14	20.086	244	891427	49.666	ng	0.00

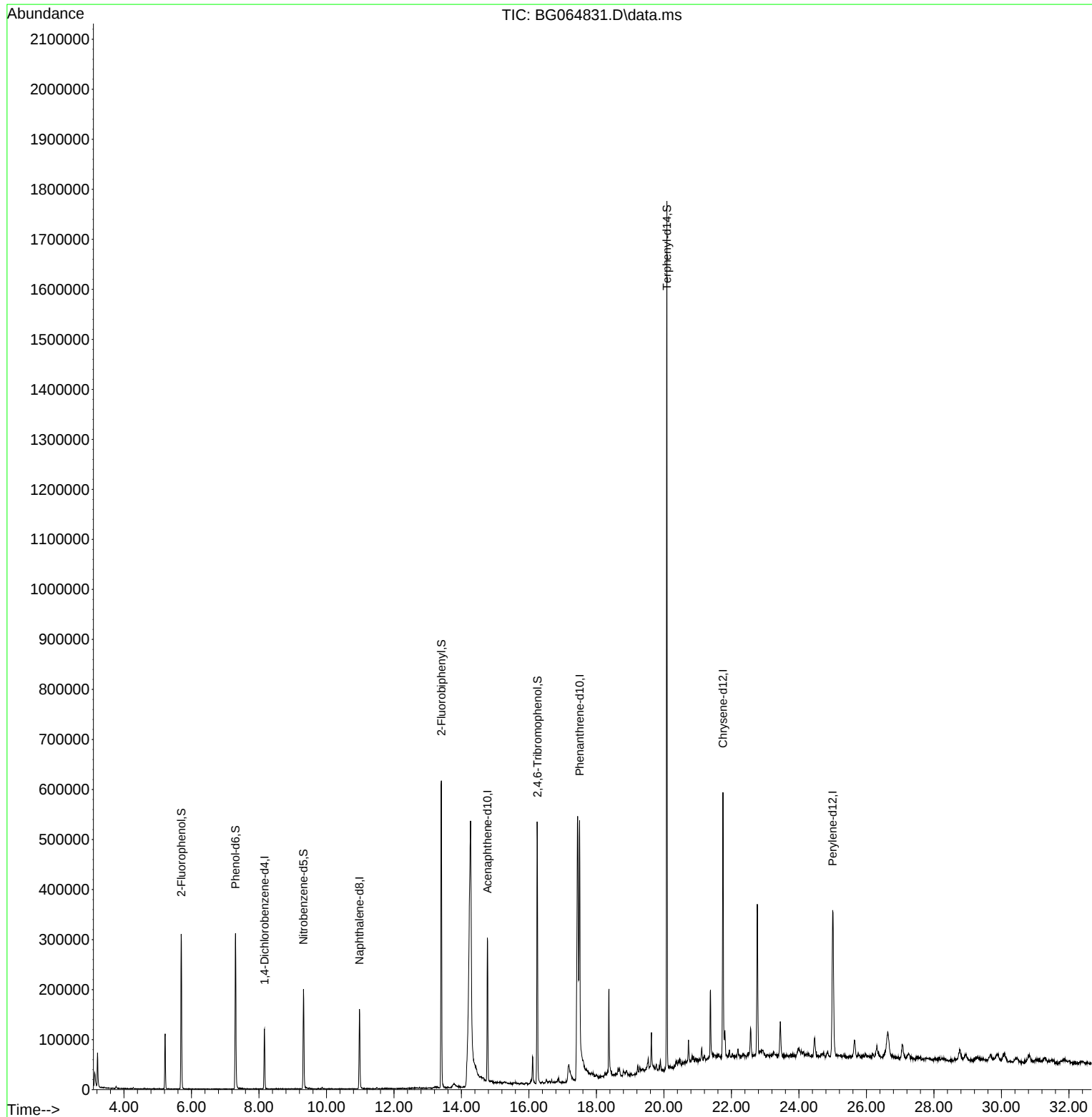
Target Compounds	Qvalue

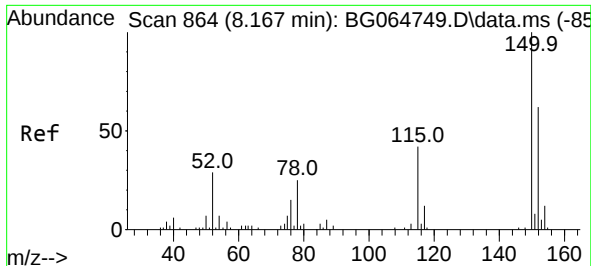
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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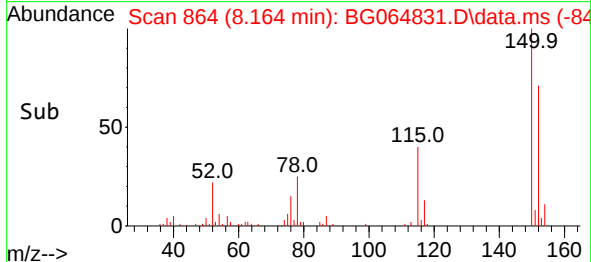
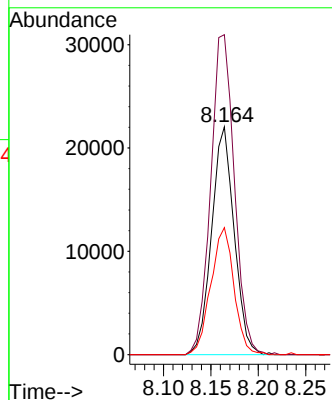
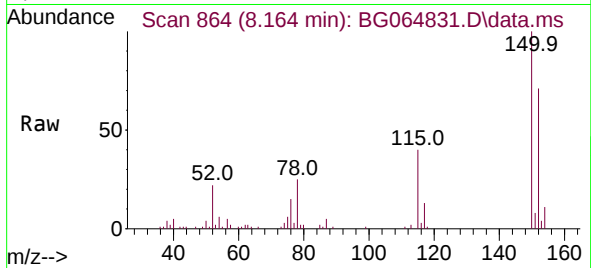




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 864
Delta R.T. -0.003 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

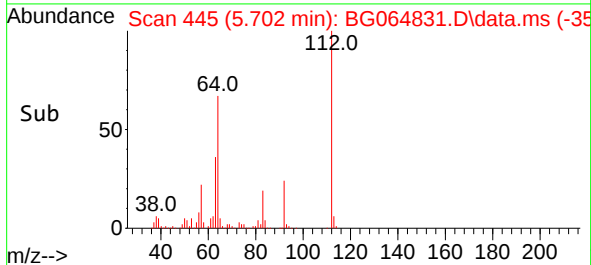
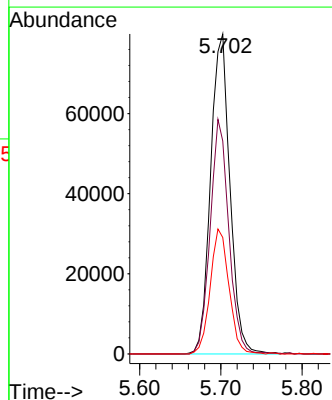
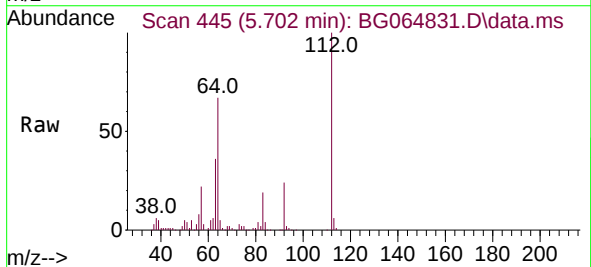
Instrument :
BNA_G
ClientSampleId :
291399

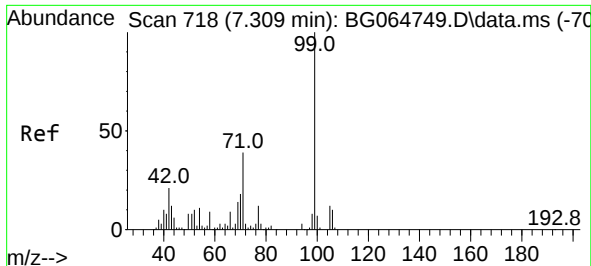
Tgt Ion:152 Resp: 36486
Ion Ratio Lower Upper
152 100
150 140.5 129.2 193.8
115 55.8 53.7 80.5



#5
2-Fluorophenol
Concen: 63.262 ng
RT: 5.702 min Scan# 445
Delta R.T. 0.003 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

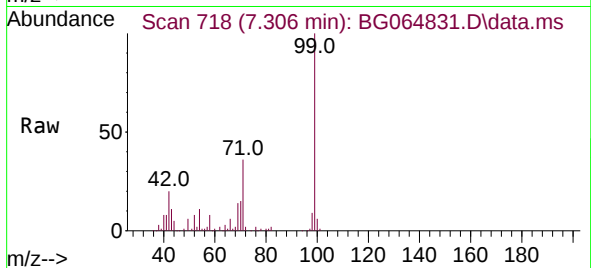
Tgt Ion:112 Resp: 132181
Ion Ratio Lower Upper
112 100
64 66.5 61.0 91.4
63 36.4 33.3 49.9





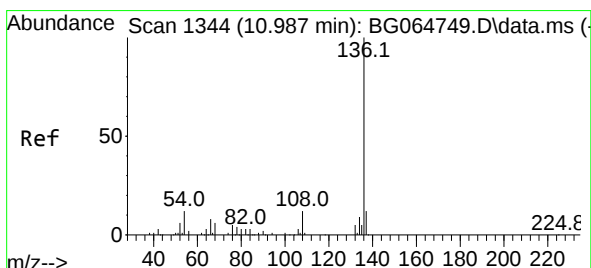
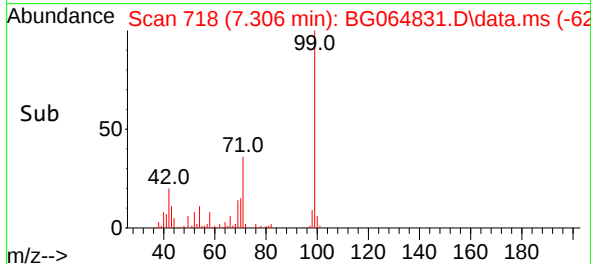
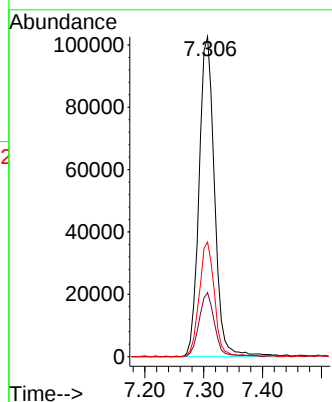
#7
Phenol-d6
Concen: 67.510 ng
RT: 7.306 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

Instrument :
BNA_G
ClientSampleId :
291399



Tgt Ion: 99 Resp: 187613

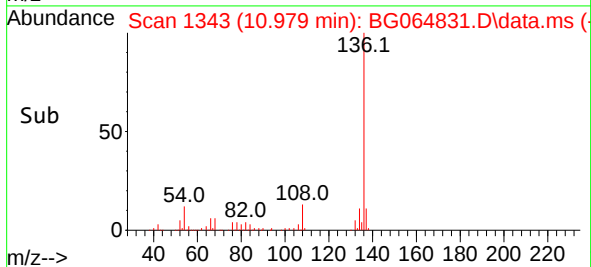
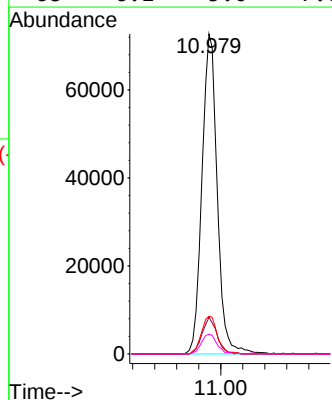
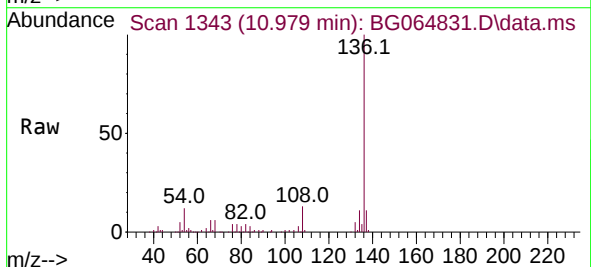
Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.8	25.2
71	35.8	31.1	46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.008 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

Tgt Ion: 136 Resp: 139664

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	11.8	9.3	13.9
68	6.1	5.0	7.6





#23

Nitrobenzene-d5

Concen: 42.246 ng

RT: 9.322 min Scan# 1061

Delta R.T. -0.009 min

Lab File: BG064831.D

Acq: 20 Nov 2025 12:57

Instrument :

BNA_G

ClientSampleId :

291399

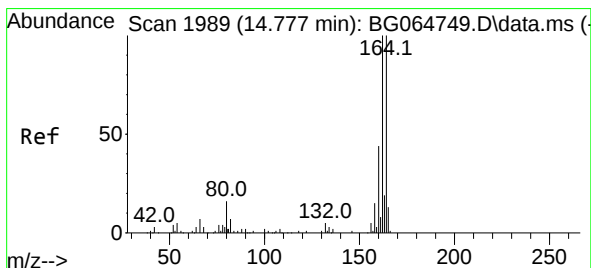
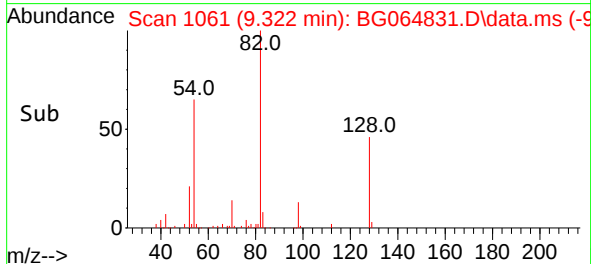
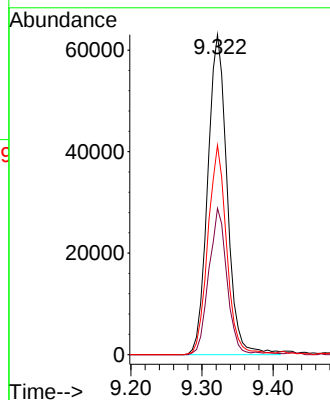
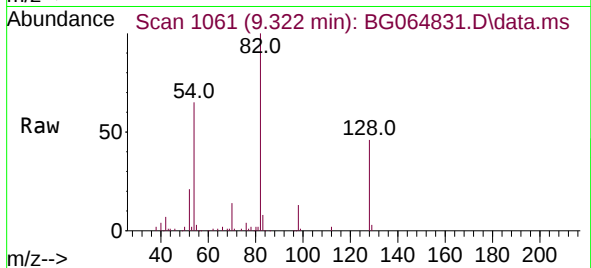
Tgt Ion: 82 Resp: 119336

Ion Ratio Lower Upper

82 100

128 45.7 34.1 51.1

54 65.4 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.768 min Scan# 1988

Delta R.T. -0.009 min

Lab File: BG064831.D

Acq: 20 Nov 2025 12:57

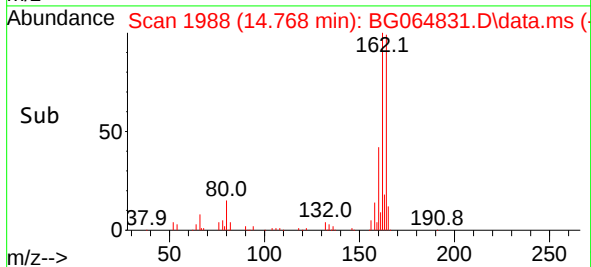
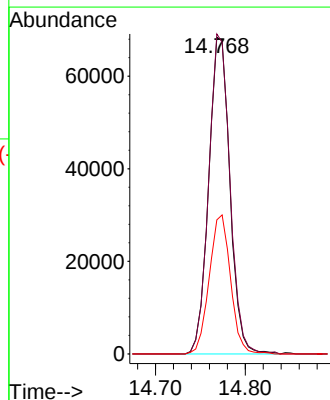
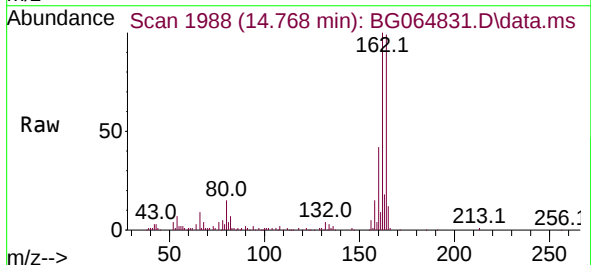
Tgt Ion:164 Resp: 112486

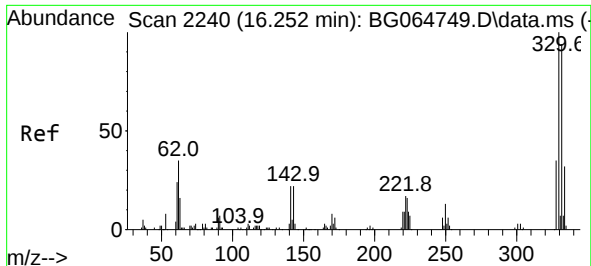
Ion Ratio Lower Upper

164 100

162 101.1 79.8 119.6

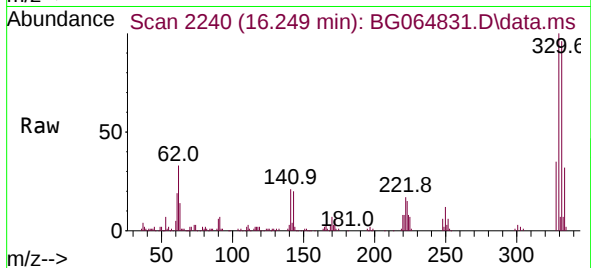
160 42.3 34.9 52.3



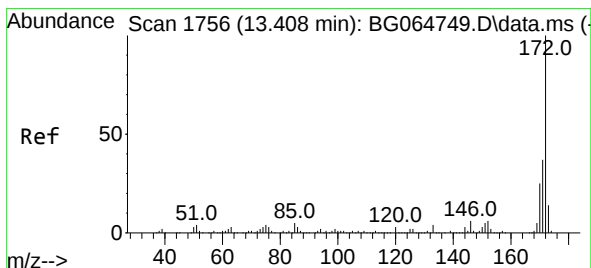
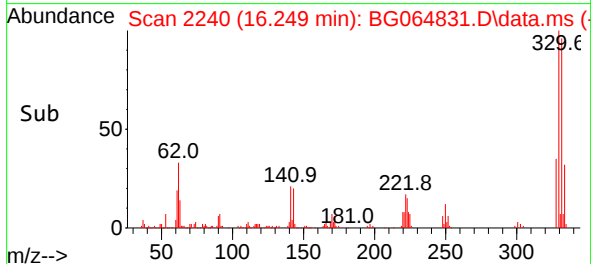
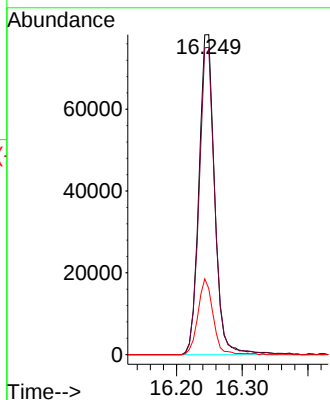


#42
2,4,6-Tribromophenol
Concen: 58.820 ng
RT: 16.249 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

Instrument :
BNA_G
ClientSampleId :
291399

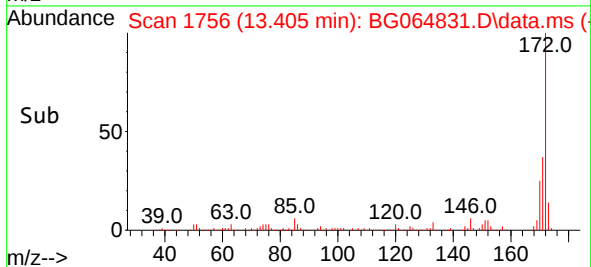
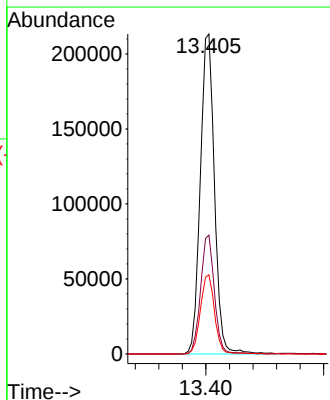
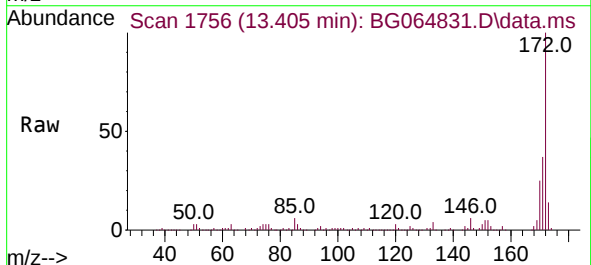


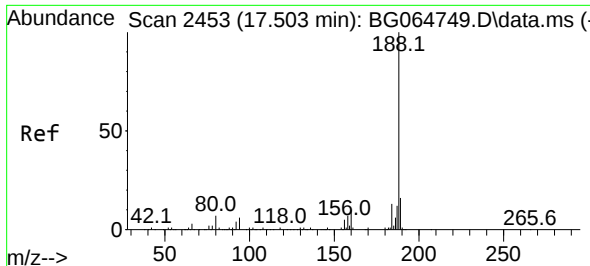
Tgt Ion:330 Resp: 129040
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 22.7 18.2 27.2



#45
2-Fluorobiphenyl
Concen: 44.190 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

Tgt Ion:172 Resp: 356238
Ion Ratio Lower Upper
172 100
171 37.1 29.9 44.9
170 24.7 19.8 29.6

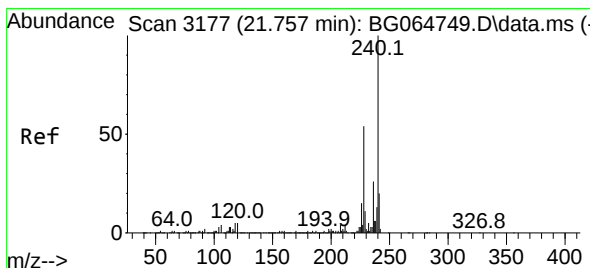
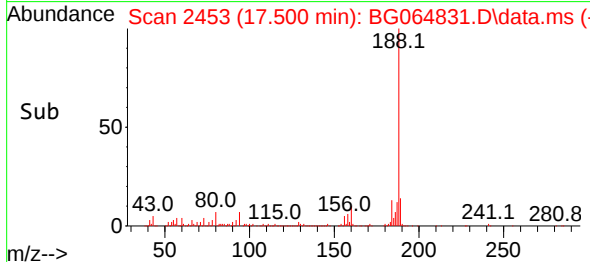
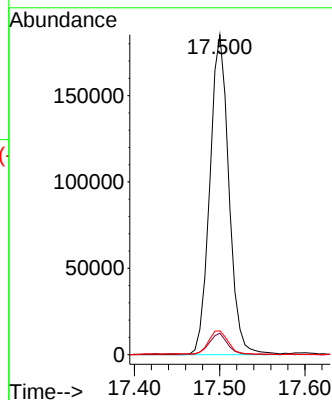
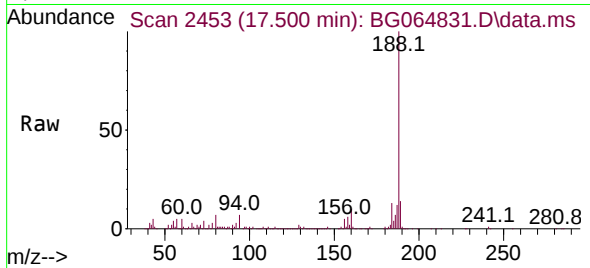




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

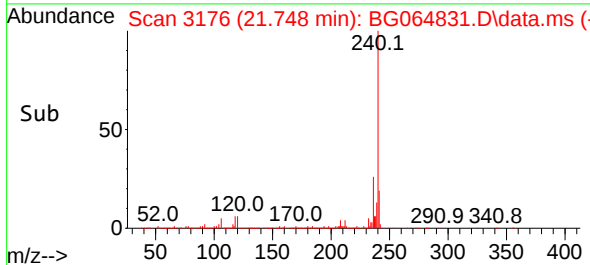
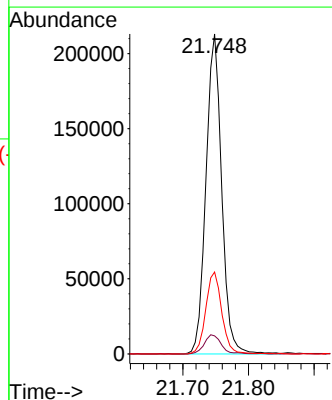
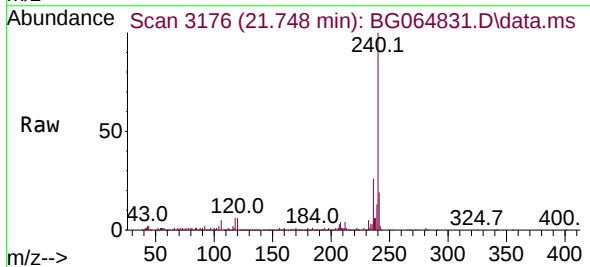
Instrument :
BNA_G
ClientSampleId :
291399

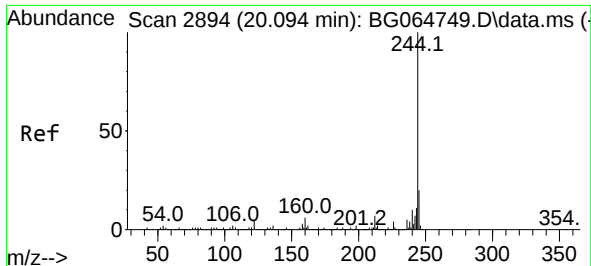
Tgt Ion:188 Resp: 287333
Ion Ratio Lower Upper
188 100
94 6.7 4.7 7.1
80 7.4 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.748 min Scan# 3176
Delta R.T. -0.009 min
Lab File: BG064831.D
Acq: 20 Nov 2025 12:57

Tgt Ion:240 Resp: 353060
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.4
236 25.6 20.8 31.2

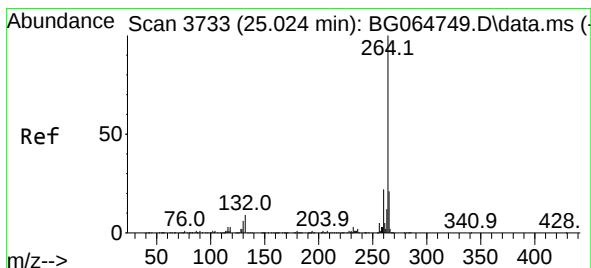
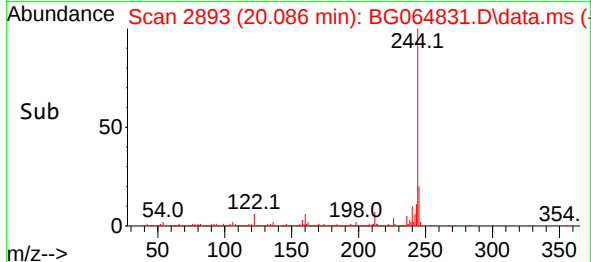
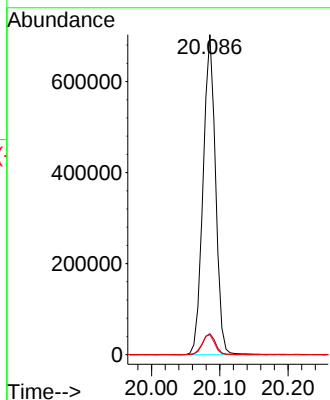
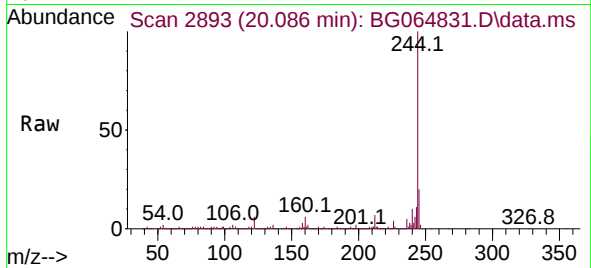




#79
 Terphenyl-d14
 Concen: 49.666 ng
 RT: 20.086 min Scan# 2893
 Delta R.T. -0.009 min
 Lab File: BG064831.D
 Acq: 20 Nov 2025 12:57

Instrument :
 BNA_G
 ClientSampleId :
 291399

Tgt Ion:244 Resp: 891427
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 6.2 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.997 min Scan# 3729
 Delta R.T. -0.027 min
 Lab File: BG064831.D
 Acq: 20 Nov 2025 12:57

Tgt Ion:264 Resp: 365194
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.2 25.8
 265 21.1 16.6 25.0

