

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
 Data File : BG064459.D
 Acq On : 29 Sep 2025 14:31
 Operator : RC/JU
 Sample : Q3183-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Quant Time: Sep 29 18:12:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 18:04:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	18300	20.000	ng	0.00
21) Naphthalene-d8	10.620	136	75618	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	56675	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	139199	20.000	ng	# 0.00
76) Chrysene-d12	21.425	240	156616	20.000	ng	# 0.00
86) Perylene-d12	24.416	264	164202	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.426	112	128932	134.636	ng	0.00
7) Phenol-d6	7.013	99	174813	133.246	ng	0.00
23) Nitrobenzene-d5	8.987	82	136946	98.148	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	143666	145.204	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	355902	92.729	ng	0.00
79) Terphenyl-d14	19.821	244	783064	98.562	ng	0.00

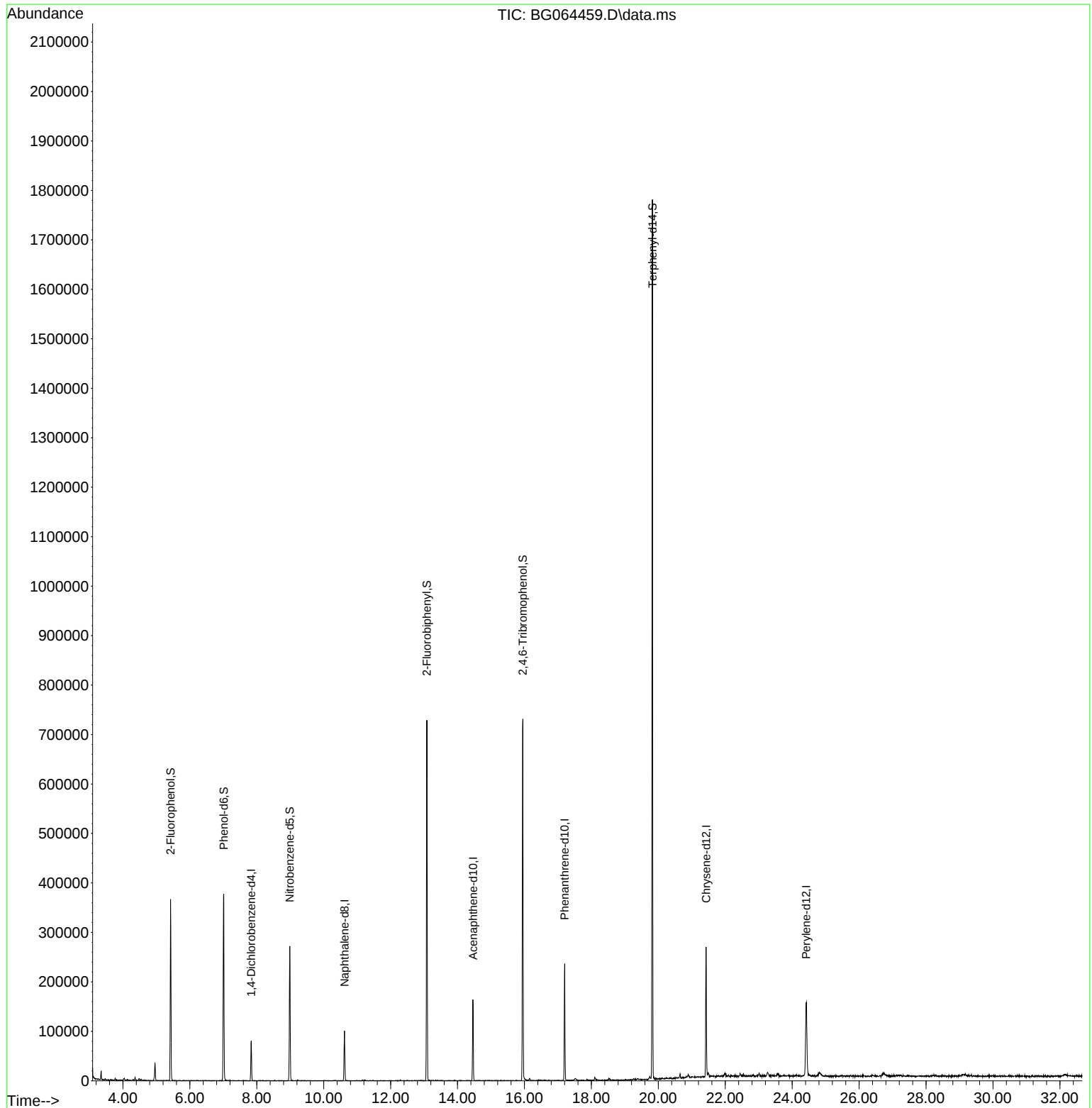
Target Compounds	Qvalue

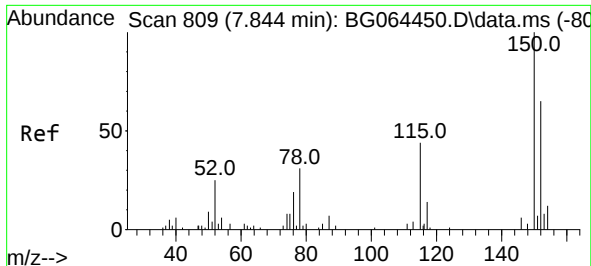
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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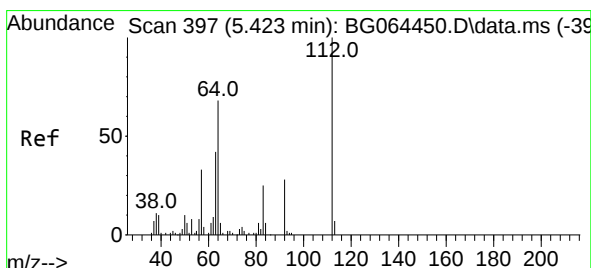
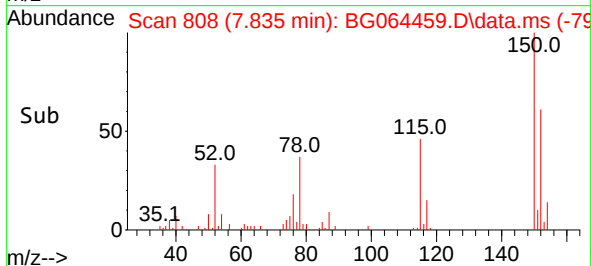
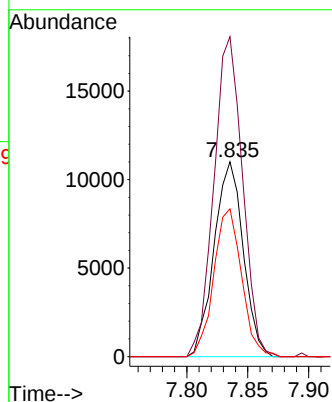
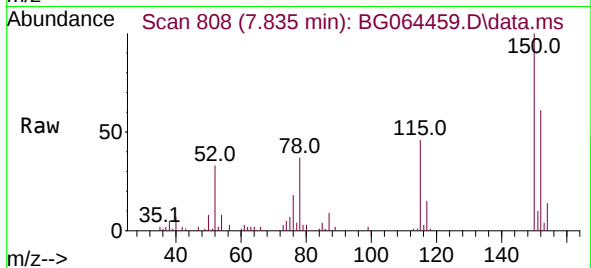




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.835 min Scan# 809
Delta R.T. -0.009 min
Lab File: BG064459.D
Acq: 29 Sep 2025 14:31

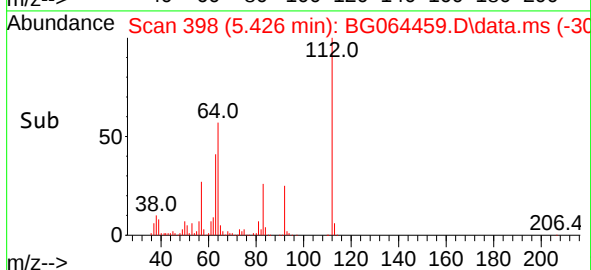
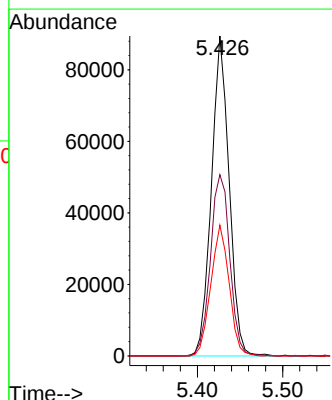
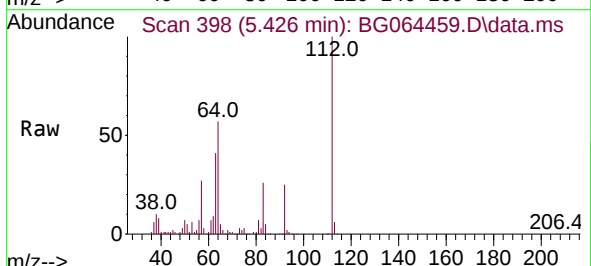
Instrument :
BNA_G
ClientSampleId :
WC-1

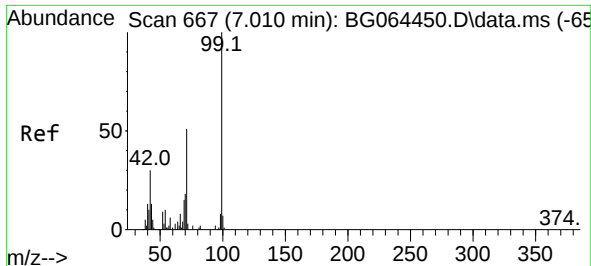
Tgt Ion:152 Resp: 18300
Ion Ratio Lower Upper
152 100
150 164.3 122.9 184.3
115 75.9 54.3 81.5



#5
2-Fluorophenol
Concen: 134.636 ng
RT: 5.426 min Scan# 398
Delta R.T. 0.003 min
Lab File: BG064459.D
Acq: 29 Sep 2025 14:31

Tgt Ion:112 Resp: 128932
Ion Ratio Lower Upper
112 100
64 56.6 54.0 81.0
63 40.8 33.8 50.6

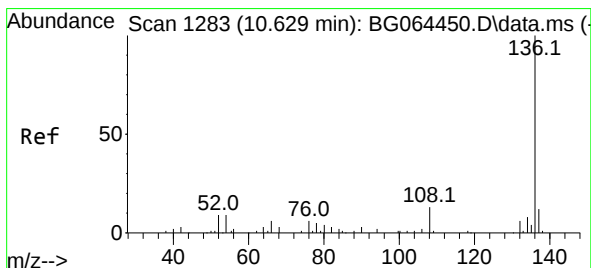
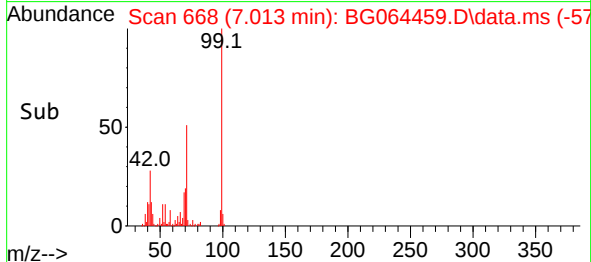
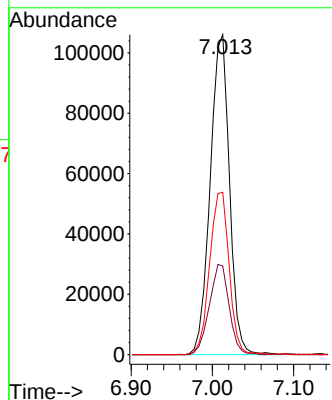
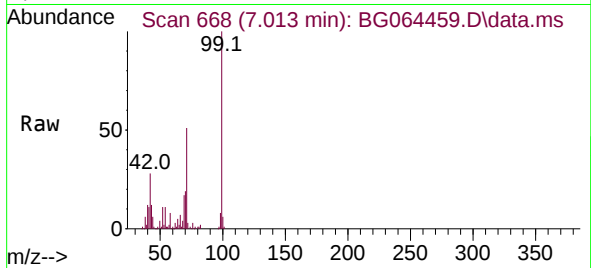




#7
Phenol-d6
Concen: 133.246 ng
RT: 7.013 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG064459.D
Acq: 29 Sep 2025 14:31

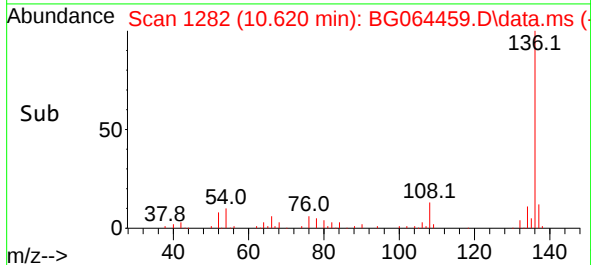
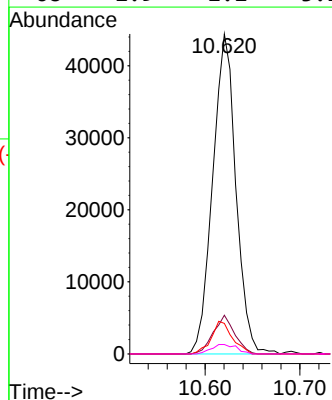
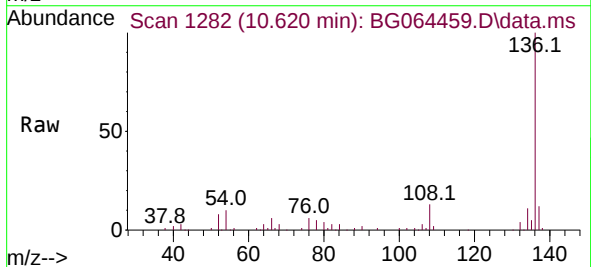
Instrument :
BNA_G
ClientSampleId :
WC-1

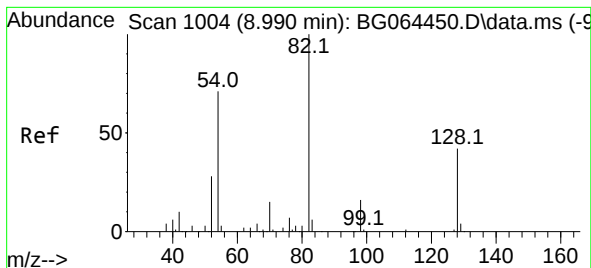
Tgt Ion: 99 Resp: 174813
Ion Ratio Lower Upper
99 100
42 27.7 24.0 36.0
71 50.7 40.5 60.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.620 min Scan# 1282
Delta R.T. -0.009 min
Lab File: BG064459.D
Acq: 29 Sep 2025 14:31

Tgt Ion: 136 Resp: 75618
Ion Ratio Lower Upper
136 100
137 12.1 9.6 14.4
54 9.5 7.4 11.2
68 2.9 2.2 3.2





#23

Nitrobenzene-d5

Concen: 98.148 ng

RT: 8.987 min Scan# 1004

Delta R.T. -0.003 min

Lab File: BG064459.D

Acq: 29 Sep 2025 14:31

Instrument :

BNA_G

ClientSampleId :

WC-1

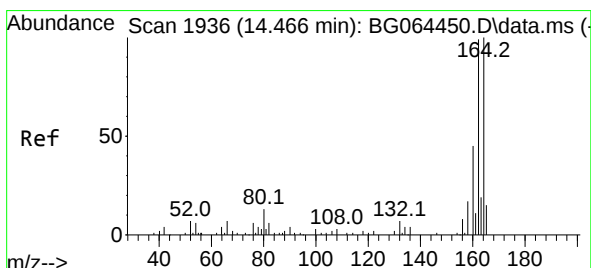
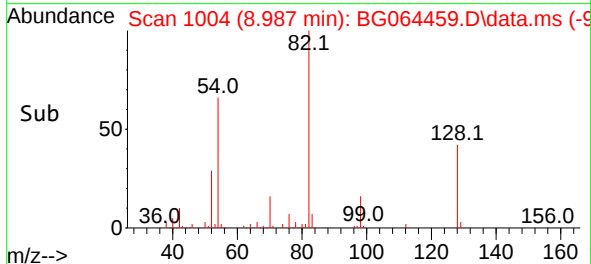
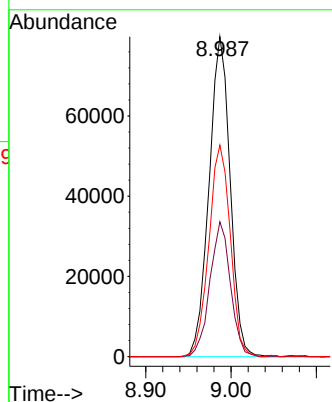
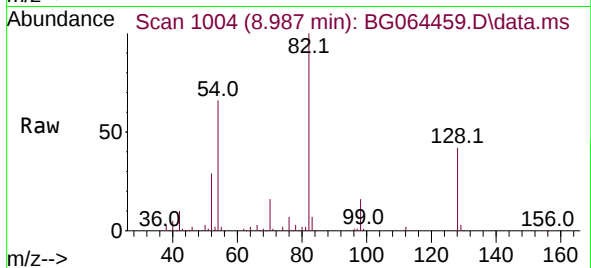
Tgt Ion: 82 Resp: 136946

Ion Ratio Lower Upper

82 100

128 42.1 33.7 50.5

54 66.1 57.0 85.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1936

Delta R.T. -0.003 min

Lab File: BG064459.D

Acq: 29 Sep 2025 14:31

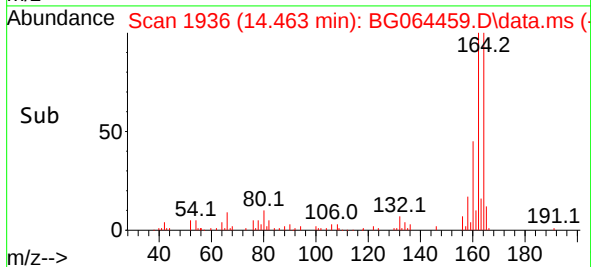
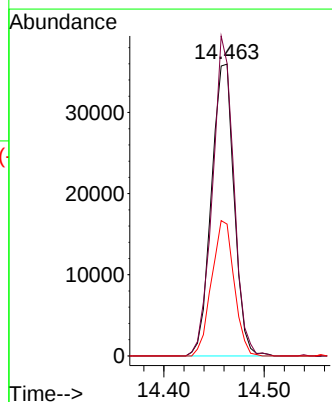
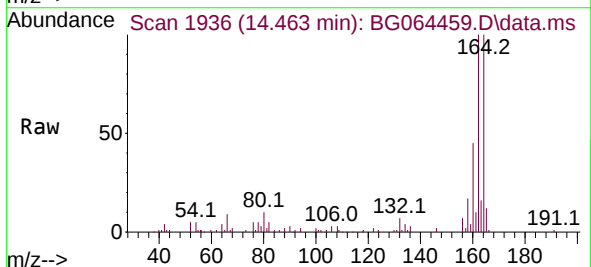
Tgt Ion:164 Resp: 56675

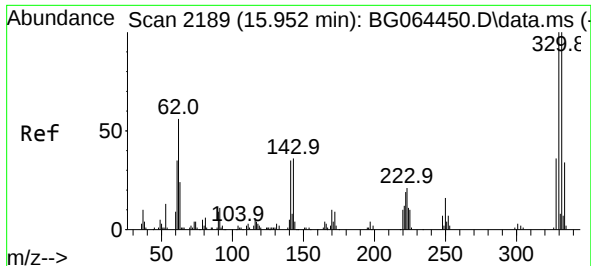
Ion Ratio Lower Upper

164 100

162 100.3 79.0 118.4

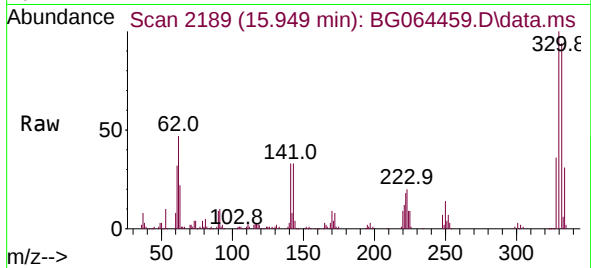
160 45.2 36.3 54.5



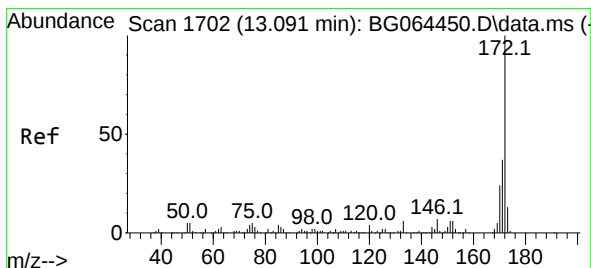
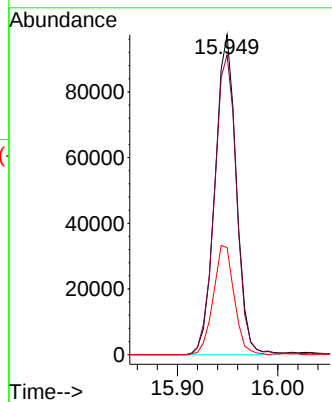
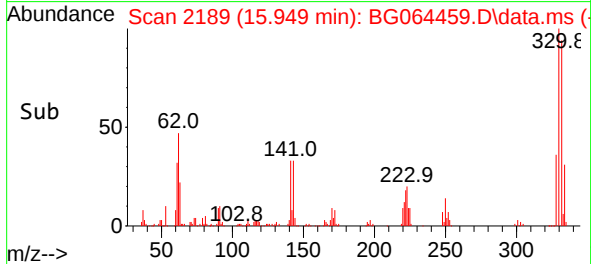


#42
2,4,6-Tribromophenol
Concen: 145.204 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.003 min
Lab File: BG064459.D
Acq: 29 Sep 2025 14:31

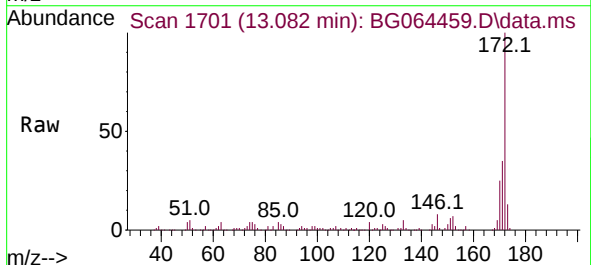
Instrument :
BNA_G
ClientSampleId :
WC-1



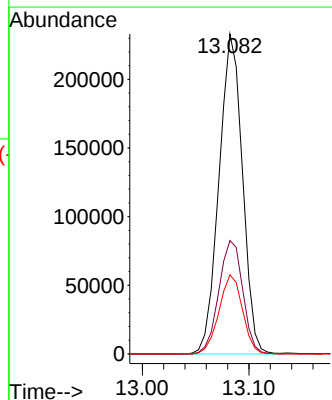
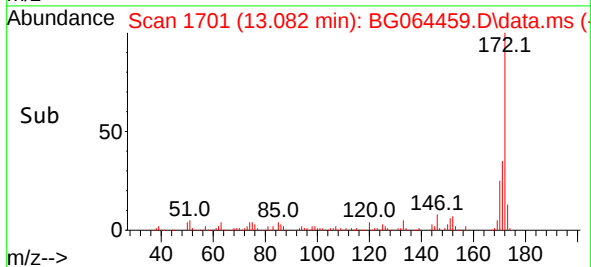
Tgt Ion:330 Resp: 143666
Ion Ratio Lower Upper
330 100
332 97.2 78.8 118.2
141 33.5 27.3 40.9

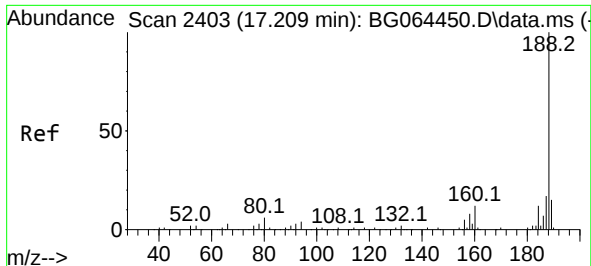


#45
2-Fluorobiphenyl
Concen: 92.729 ng
RT: 13.082 min Scan# 1701
Delta R.T. -0.009 min
Lab File: BG064459.D
Acq: 29 Sep 2025 14:31



Tgt Ion:172 Resp: 355902
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.2
170 24.7 18.9 28.3

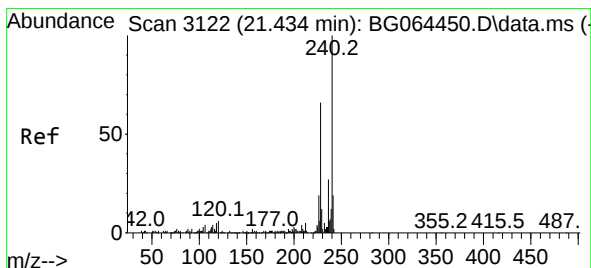
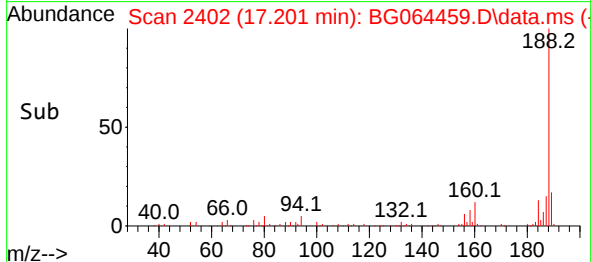
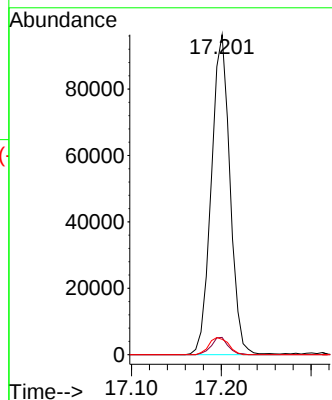
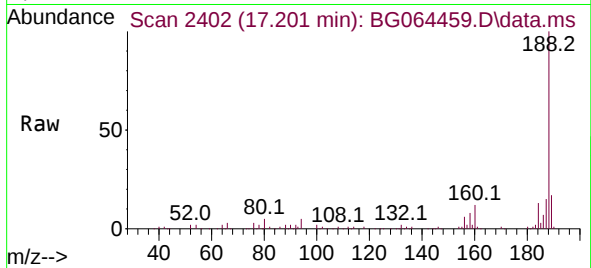




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.009 min
Lab File: BG064459.D
Acq: 29 Sep 2025 14:31

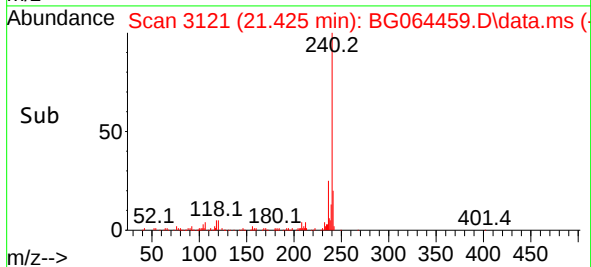
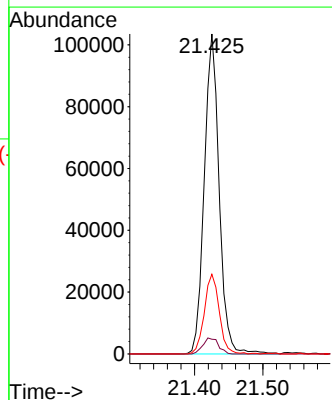
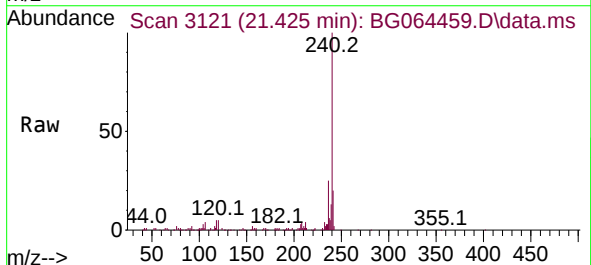
Instrument :
BNA_G
ClientSampleId :
WC-1

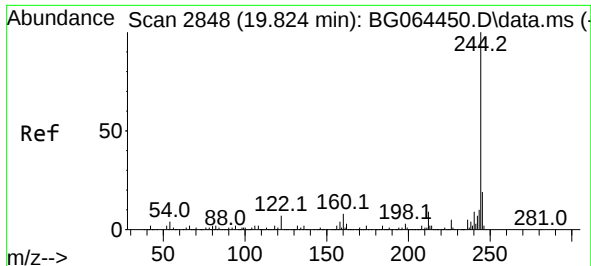
Tgt Ion:188 Resp: 139199
Ion Ratio Lower Upper
188 100
94 5.4 3.0 4.4#
80 4.8 4.9 7.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.425 min Scan# 3121
Delta R.T. -0.009 min
Lab File: BG064459.D
Acq: 29 Sep 2025 14:31

Tgt Ion:240 Resp: 156616
Ion Ratio Lower Upper
240 100
120 4.6 5.0 7.4#
236 24.9 21.9 32.9

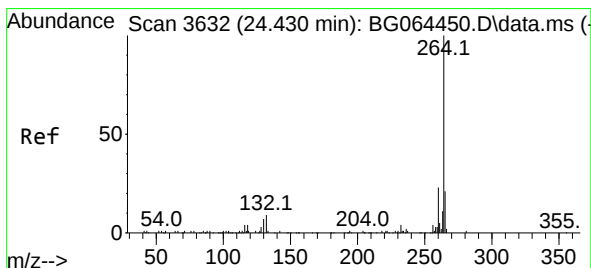
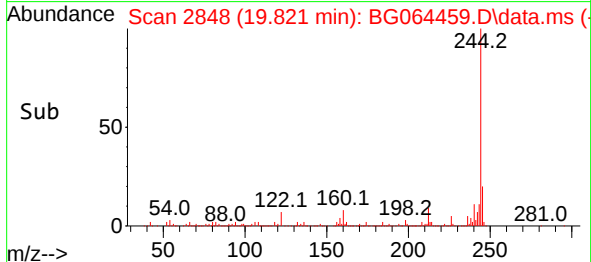
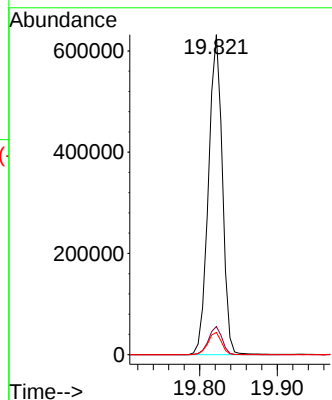
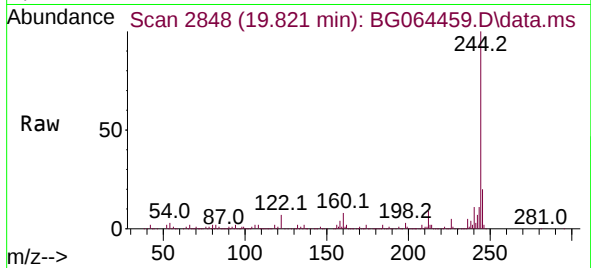




#79
 Terphenyl-d14
 Concen: 98.562 ng
 RT: 19.821 min Scan# 2848
 Delta R.T. -0.003 min
 Lab File: BG064459.D
 Acq: 29 Sep 2025 14:31

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 783064
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.2 10.8
 122 6.9 5.7 8.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.416 min Scan# 3630
 Delta R.T. -0.014 min
 Lab File: BG064459.D
 Acq: 29 Sep 2025 14:31

Tgt Ion:264 Resp: 164202
 Ion Ratio Lower Upper
 264 100
 260 21.2 18.6 27.8
 265 19.2 16.7 25.1

