

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
 Data File : BG064241.D
 Acq On : 2 Sep 2025 11:51
 Operator : RC/JU
 Sample : PB169461BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169461BL

Quant Time: Sep 02 12:28:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	41004	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	174606	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	122862	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	281745	20.000	ng	0.00
76) Chrysene-d12	21.449	240	290714	20.000	ng	0.00
86) Perylene-d12	24.458	264	315042	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	365252	159.813	ng	0.00
7) Phenol-d6	7.025	99	495508	157.811	ng	0.00
23) Nitrobenzene-d5	9.011	82	331475	105.875	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	237459	145.916	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	793233	98.546	ng	0.00
79) Terphenyl-d14	19.840	244	1387762	99.595	ng	0.00

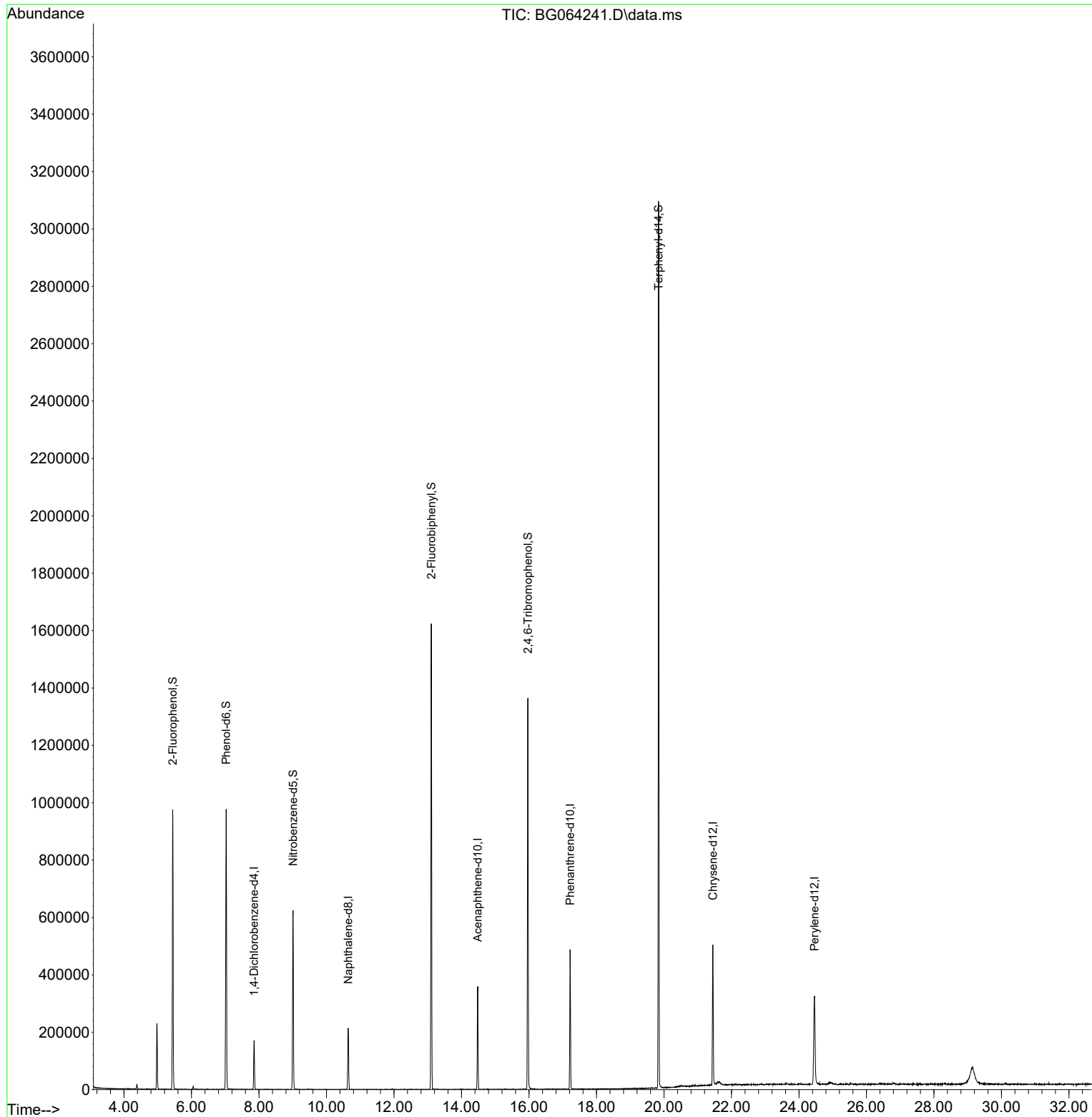
Target Compounds	Qvalue

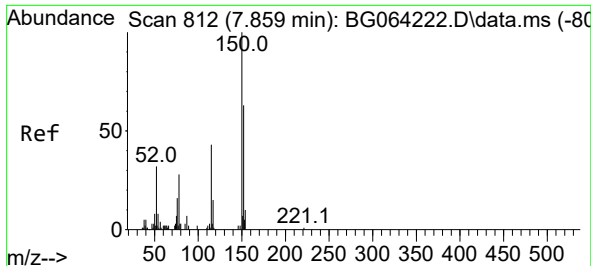
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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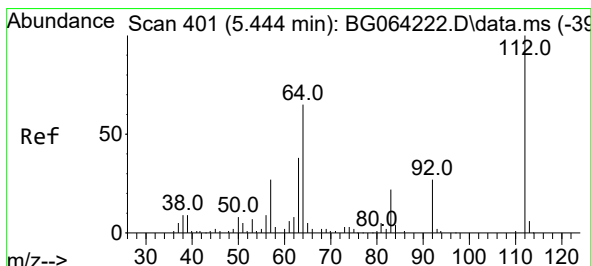
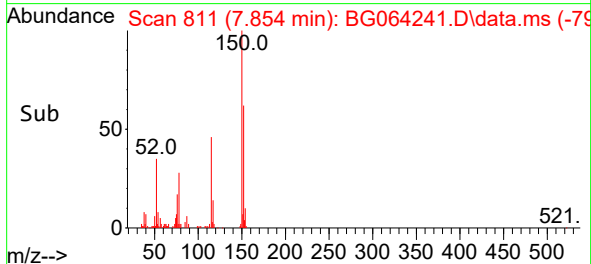
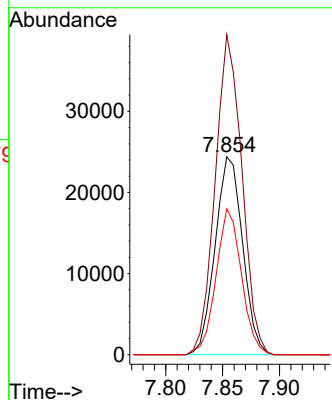
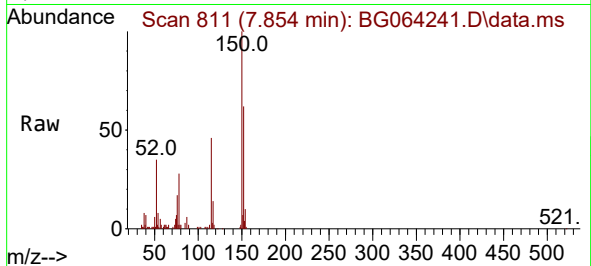




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.854 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG064241.D
Acq: 2 Sep 2025 11:51

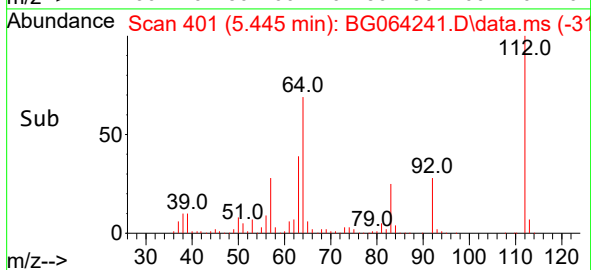
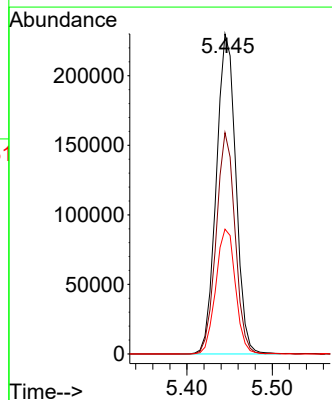
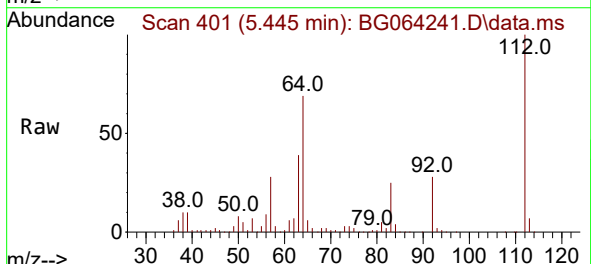
Instrument :
BNA_G
ClientSampleId :
PB169461BL

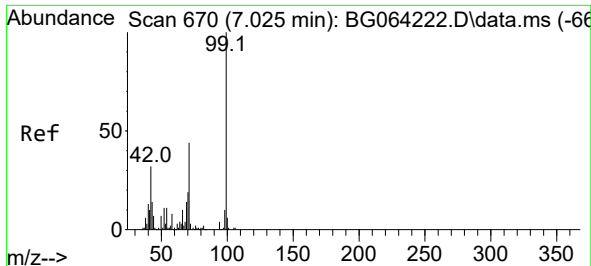
Tgt Ion:152 Resp: 41004
Ion Ratio Lower Upper
152 100
150 161.6 128.0 192.0
115 73.7 55.7 83.5



#5
2-Fluorophenol
Concen: 159.813 ng
RT: 5.445 min Scan# 401
Delta R.T. 0.000 min
Lab File: BG064241.D
Acq: 2 Sep 2025 11:51

Tgt Ion:112 Resp: 365252
Ion Ratio Lower Upper
112 100
64 69.2 51.8 77.6
63 39.0 30.6 45.8

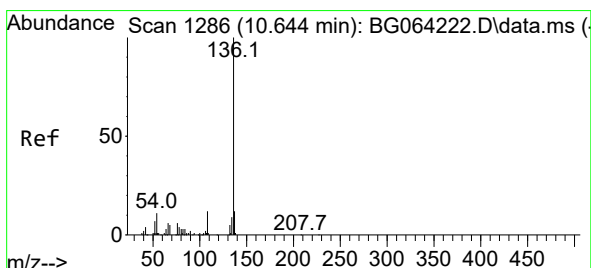
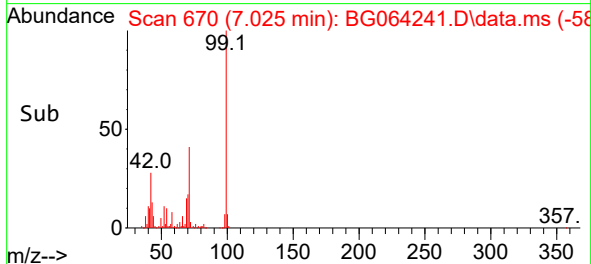
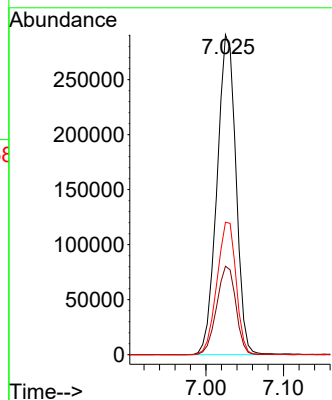
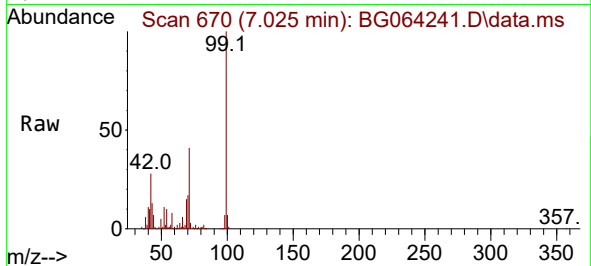




#7
Phenol-d6
Concen: 157.811 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064241.D
Acq: 2 Sep 2025 11:51

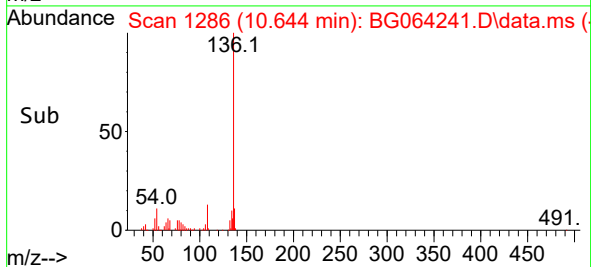
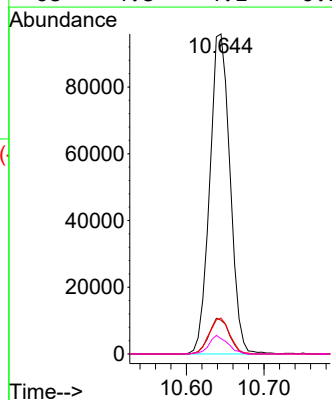
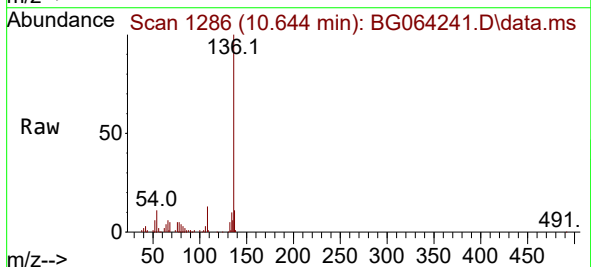
Instrument :
BNA_G
ClientSampleId :
PB169461BL

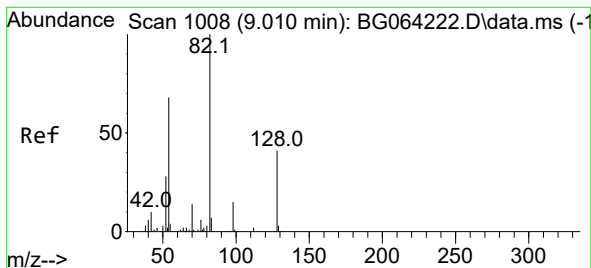
Tgt Ion: 99 Resp: 495508
Ion Ratio Lower Upper
99 100
42 27.6 25.8 38.8
71 41.4 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BG064241.D
Acq: 2 Sep 2025 11:51

Tgt Ion:136 Resp: 174606
Ion Ratio Lower Upper
136 100
137 10.6 9.6 14.4
54 11.2 8.8 13.2
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 105.875 ng

RT: 9.011 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BG064241.D

Acq: 2 Sep 2025 11:51

Instrument :

BNA_G

ClientSampleId :

PB169461BL

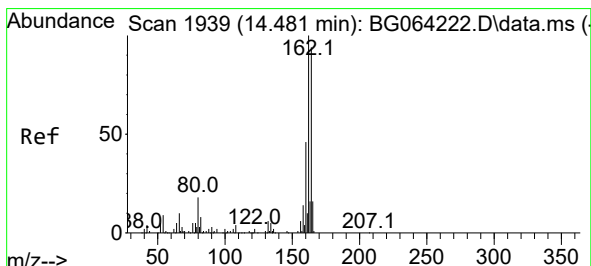
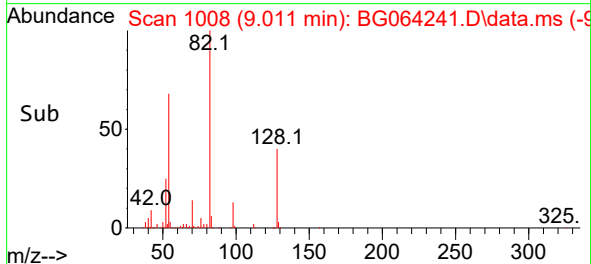
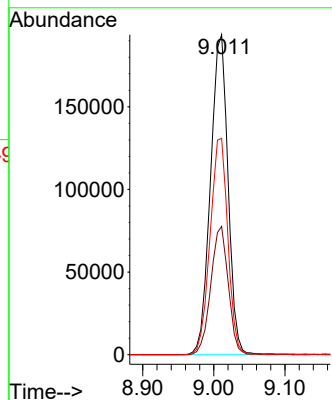
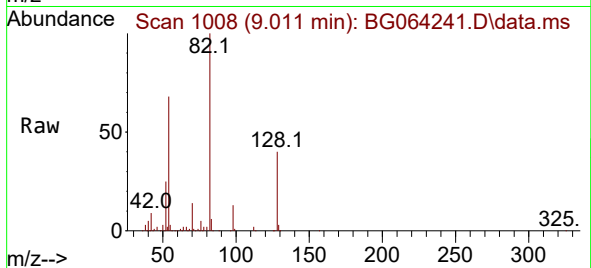
Tgt Ion: 82 Resp: 331475

Ion Ratio Lower Upper

82 100

128 40.1 32.6 48.8

54 67.6 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.481 min Scan# 1939

Delta R.T. 0.000 min

Lab File: BG064241.D

Acq: 2 Sep 2025 11:51

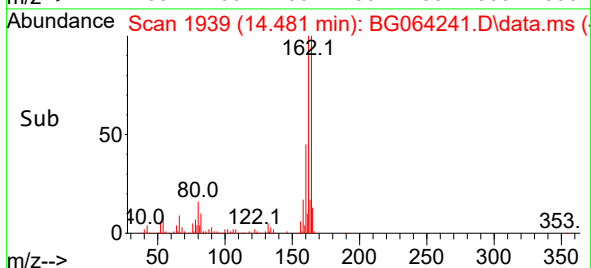
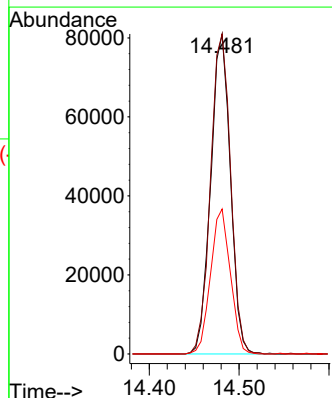
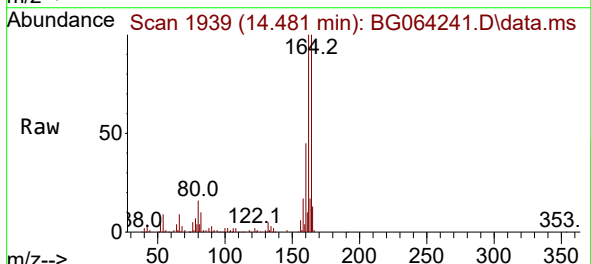
Tgt Ion:164 Resp: 122862

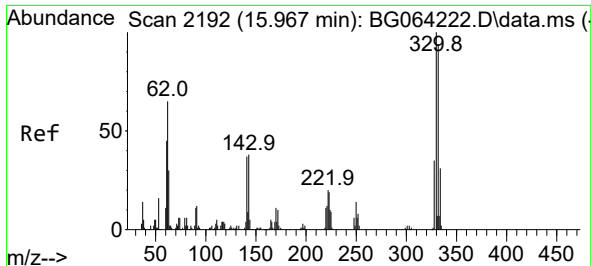
Ion Ratio Lower Upper

164 100

162 100.1 85.4 128.0

160 45.4 39.2 58.8

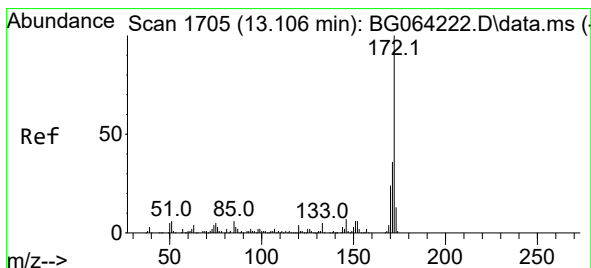
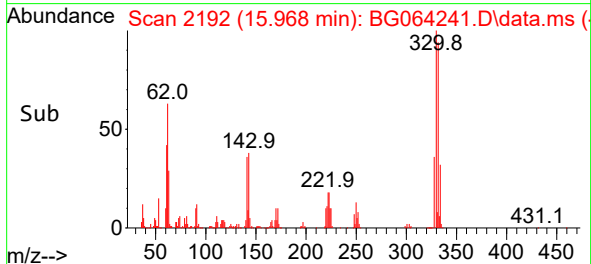
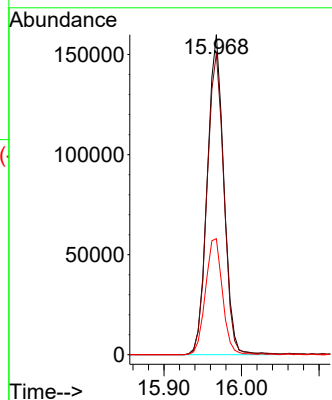
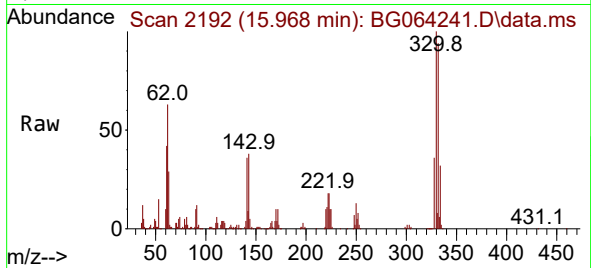




#42
2,4,6-Tribromophenol
Concen: 145.916 ng
RT: 15.968 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064241.D
Acq: 2 Sep 2025 11:51

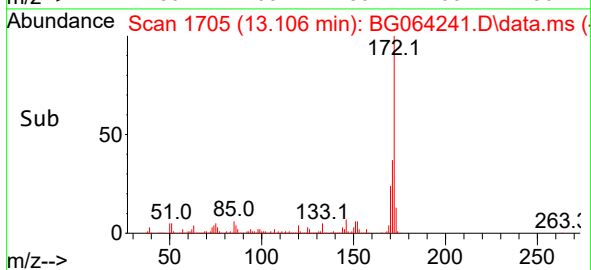
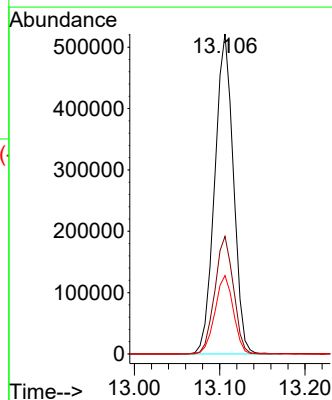
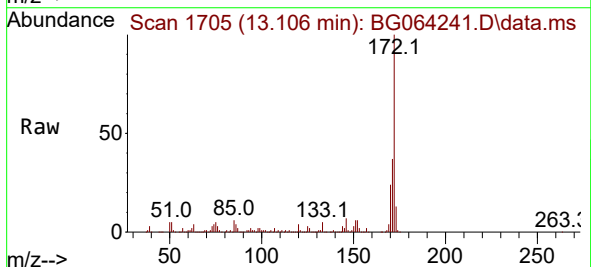
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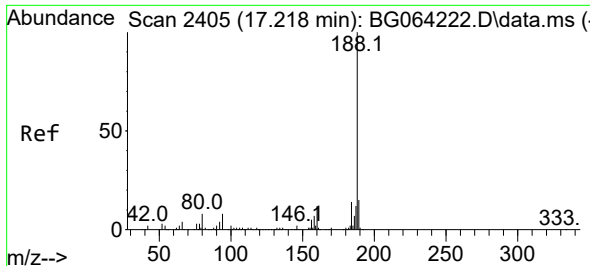
Tgt Ion:330 Resp: 237459
Ion Ratio Lower Upper
330 100
332 95.7 77.6 116.4
141 37.1 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 98.546 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG064241.D
Acq: 2 Sep 2025 11:51

Tgt Ion:172 Resp: 793233
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 24.5 19.0 28.6

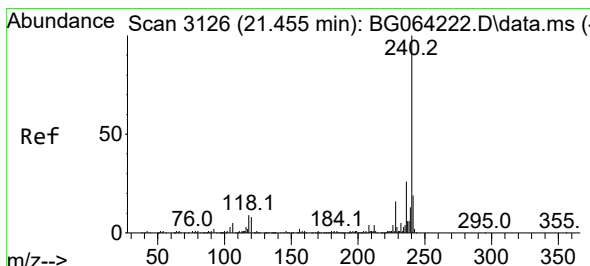
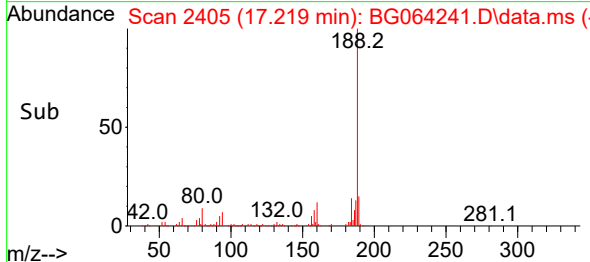
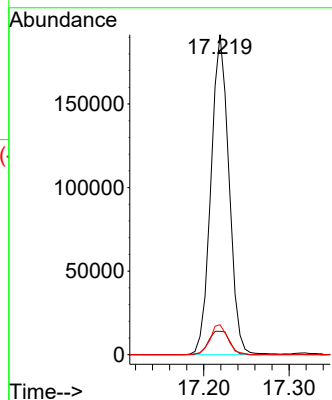
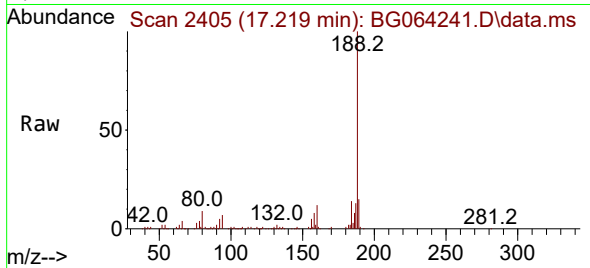




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG064241.D
Acq: 2 Sep 2025 11:51

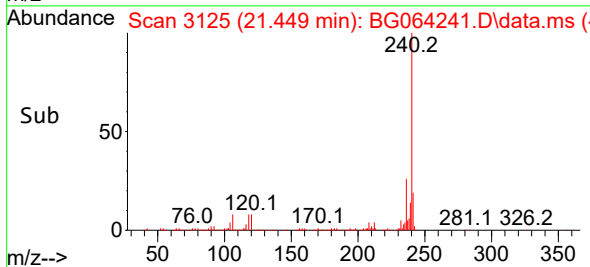
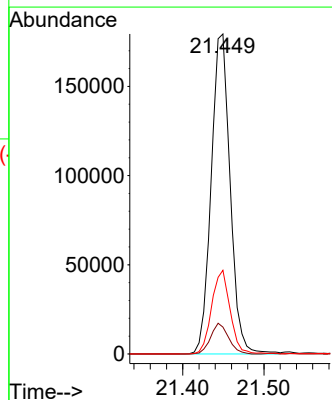
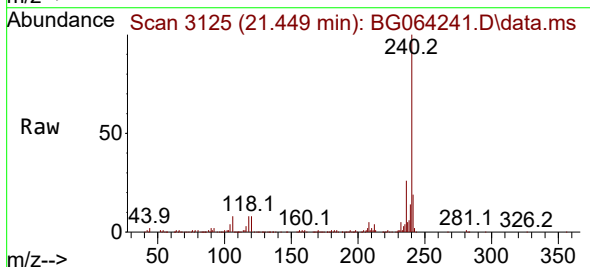
Instrument :
BNA_G
ClientSampleId :
PB169461BL

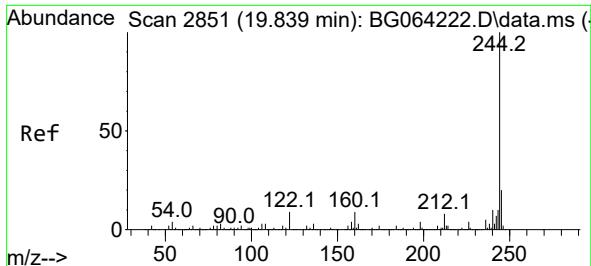
Tgt Ion:188 Resp: 281745
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.4
80 9.3 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BG064241.D
Acq: 2 Sep 2025 11:51

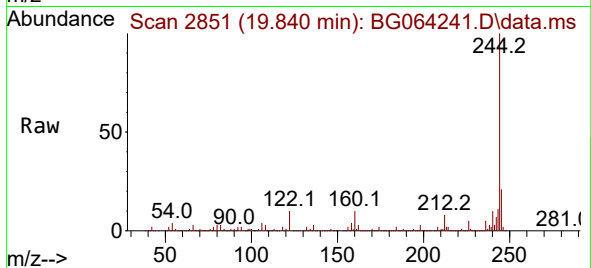
Tgt Ion:240 Resp: 290714
Ion Ratio Lower Upper
240 100
120 8.4 6.2 9.4
236 26.1 20.5 30.7



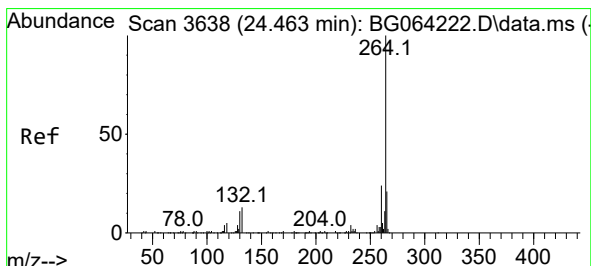
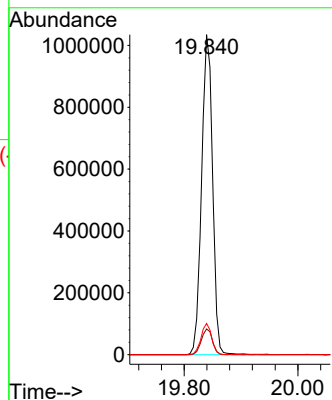
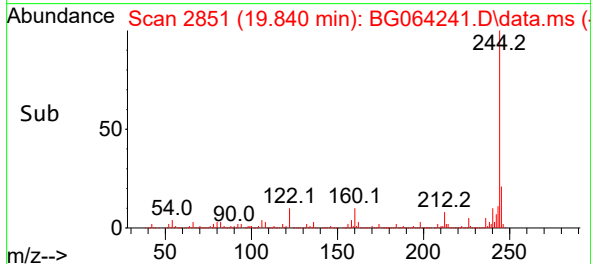


#79
 Terphenyl-d14
 Concen: 99.595 ng
 RT: 19.840 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG064241.D
 Acq: 2 Sep 2025 11:51

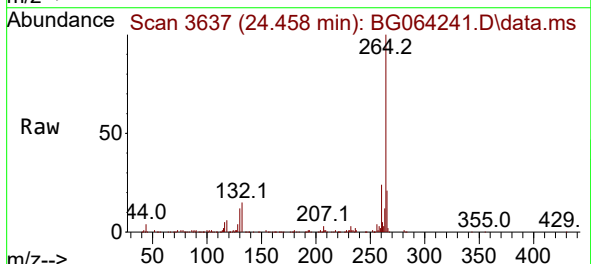
Instrument :
 BNA_G
 ClientSampleId :
 PB169461BL



Tgt Ion:244 Resp: 1387762
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 10.0
 122 9.7 7.0 10.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.458 min Scan# 3637
 Delta R.T. -0.006 min
 Lab File: BG064241.D
 Acq: 2 Sep 2025 11:51



Tgt Ion:264 Resp: 315042
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.3 16.7 25.1

