

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
 Data File : BG064304.D
 Acq On : 8 Sep 2025 12:55
 Operator : RC/JU
 Sample : Q3023-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Sep 08 13:37:04 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	7.848	152	27938	20.000	ng	-0.01
21) Naphthalene-d8	10.639	136	116301	20.000	ng	#-0.01
39) Acenaphthene-d10	14.476	164	81489	20.000	ng	0.00
64) Phenanthrene-d10	17.214	188	195916	20.000	ng	-0.01
76) Chrysene-d12	21.444	240	240083	20.000	ng	#-0.01
86) Perylene-d12	24.453	264	263408	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	179448	115.236	ng	0.00
7) Phenol-d6	7.020	99	230619	107.798	ng	-0.01
23) Nitrobenzene-d5	9.000	82	164125	78.704	ng	-0.02
42) 2,4,6-Tribromophenol	15.962	330	142009	131.568	ng	-0.01
45) 2-Fluorobiphenyl	13.095	172	387464	72.575	ng	-0.02
79) Terphenyl-d14	19.834	244	808719	70.279	ng	-0.01

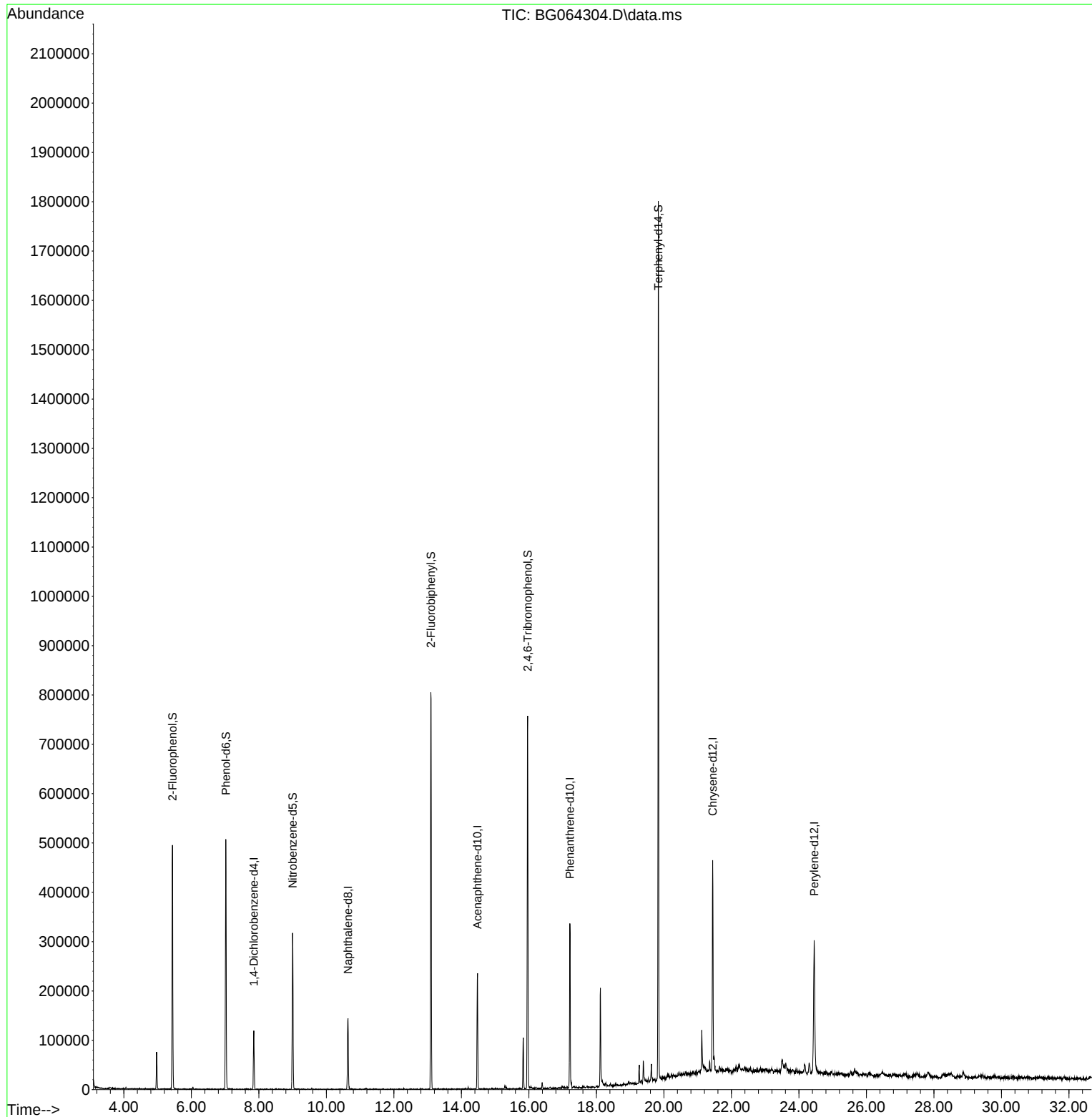
Target Compounds	Qvalue

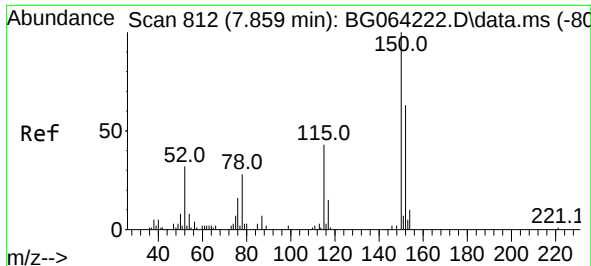
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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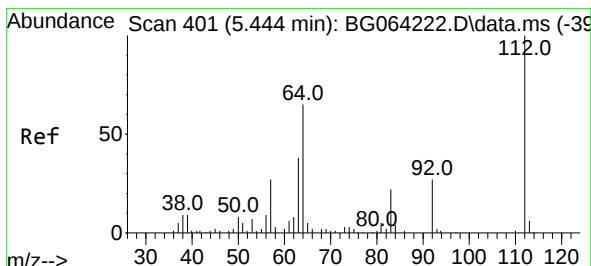
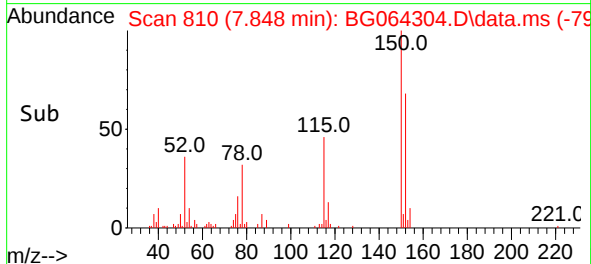
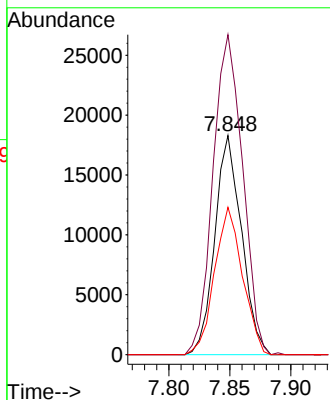
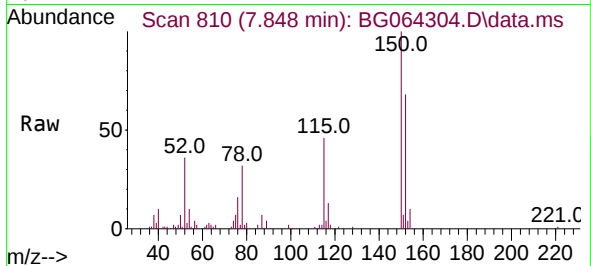




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.848 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG064304.D
Acq: 8 Sep 2025 12:55

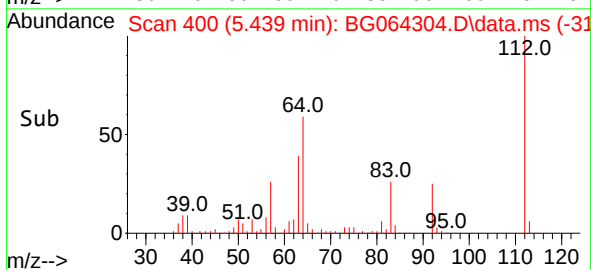
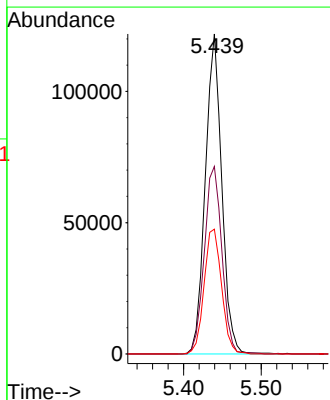
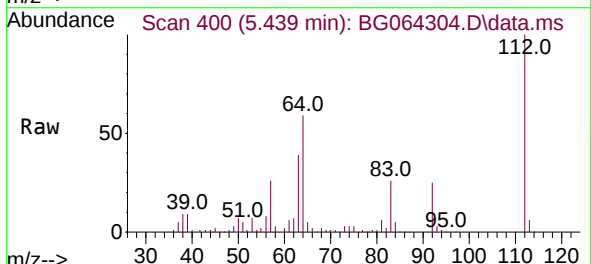
Instrument :
BNA_G
ClientSampleId :
TP-1

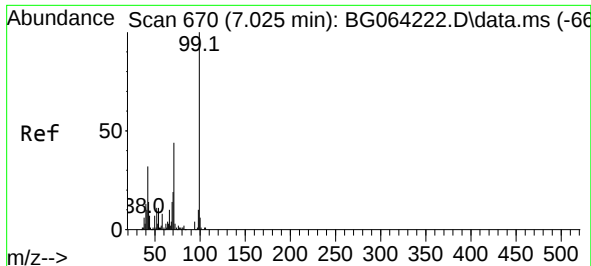
Tgt Ion:152 Resp: 27938
Ion Ratio Lower Upper
152 100
150 146.0 128.0 192.0
115 67.2 55.7 83.5



#5
2-Fluorophenol
Concen: 115.236 ng
RT: 5.439 min Scan# 400
Delta R.T. -0.005 min
Lab File: BG064304.D
Acq: 8 Sep 2025 12:55

Tgt Ion:112 Resp: 179448
Ion Ratio Lower Upper
112 100
64 58.6 51.8 77.6
63 39.0 30.6 45.8

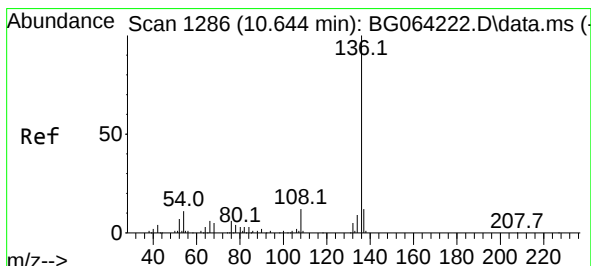
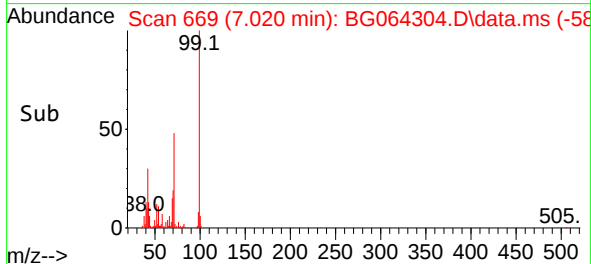
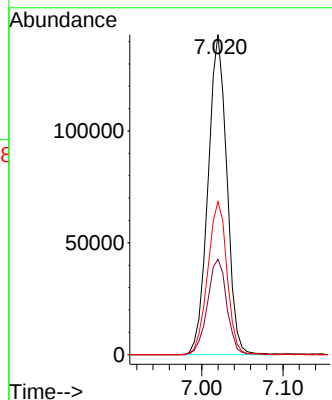
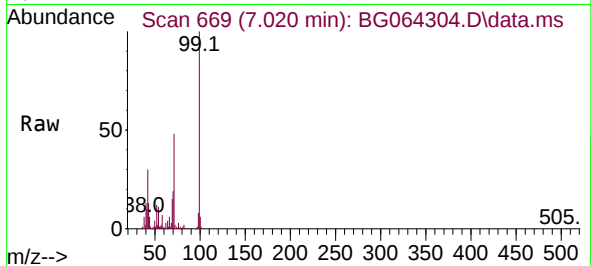




#7
Phenol-d6
Concen: 107.798 ng
RT: 7.020 min Scan# 60
Delta R.T. -0.011 min
Lab File: BG064304.D
Acq: 8 Sep 2025 12:55

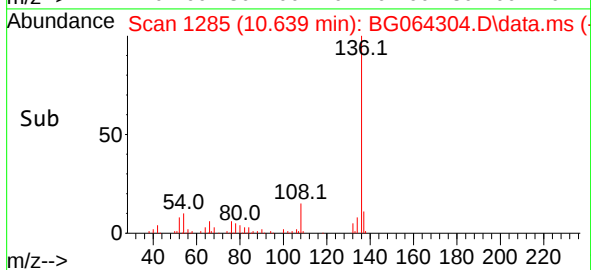
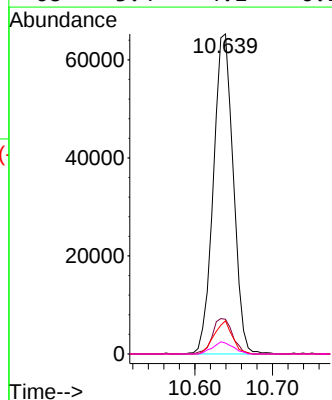
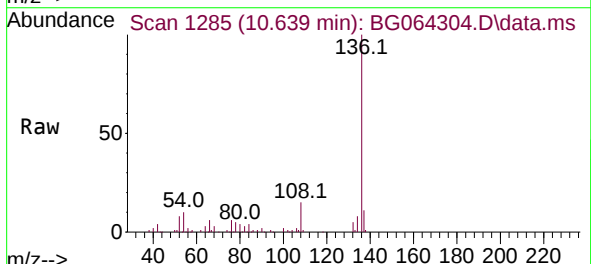
Instrument :
BNA_G
ClientSampleId :
TP-1

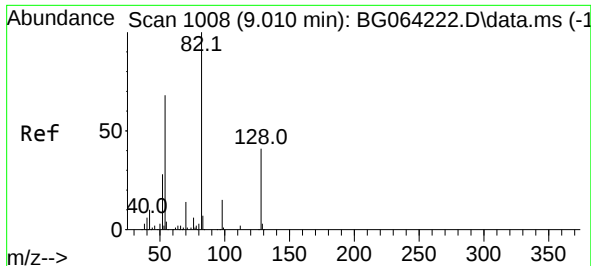
Tgt Ion: 99 Resp: 230619
Ion Ratio Lower Upper
99 100
42 29.8 25.8 38.8
71 47.8 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1285
Delta R.T. -0.011 min
Lab File: BG064304.D
Acq: 8 Sep 2025 12:55

Tgt Ion:136 Resp: 116301
Ion Ratio Lower Upper
136 100
137 10.8 9.6 14.4
54 10.3 8.8 13.2
68 3.4 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 78.704 ng

RT: 9.000 min Scan# 10

Delta R.T. -0.017 min

Lab File: BG064304.D

Acq: 8 Sep 2025 12:55

Instrument :

BNA_G

ClientSampleId :

TP-1

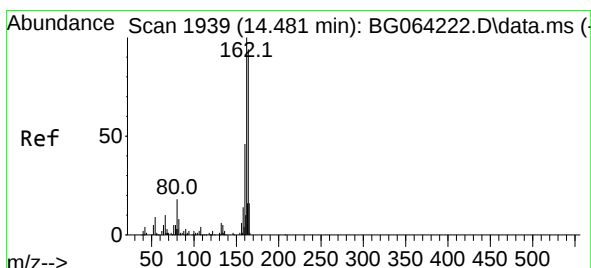
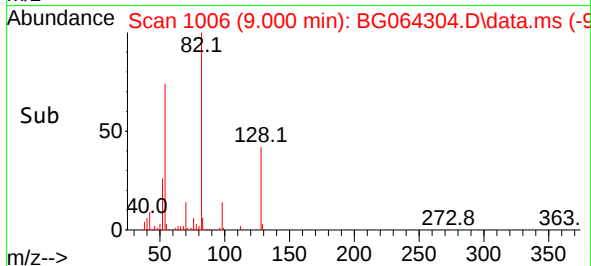
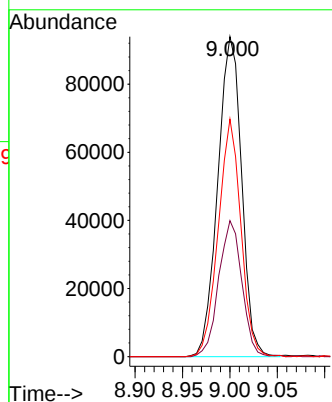
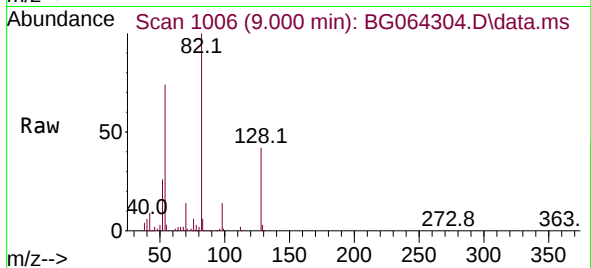
Tgt Ion: 82 Resp: 164125

Ion Ratio Lower Upper

82 100

128 42.5 32.6 48.8

54 74.2 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.476 min Scan# 1938

Delta R.T. -0.005 min

Lab File: BG064304.D

Acq: 8 Sep 2025 12:55

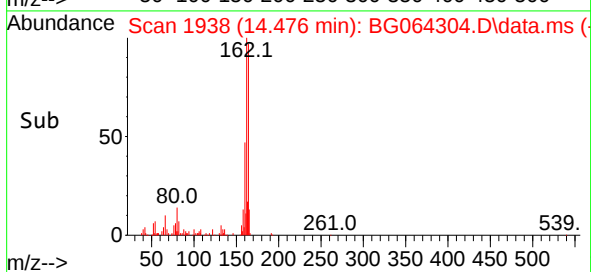
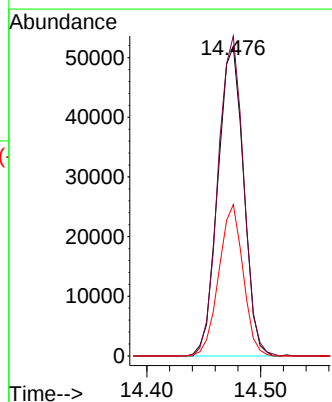
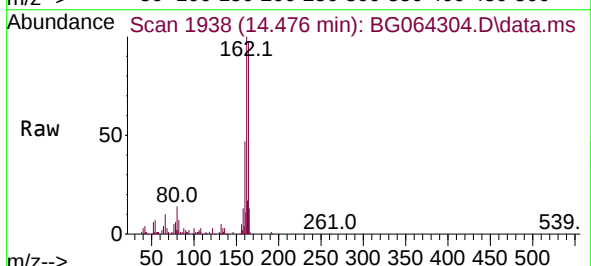
Tgt Ion:164 Resp: 81489

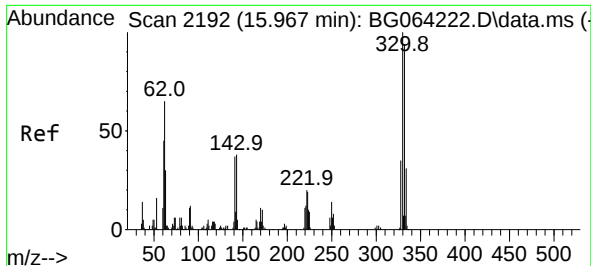
Ion Ratio Lower Upper

164 100

162 103.5 85.4 128.0

160 48.9 39.2 58.8

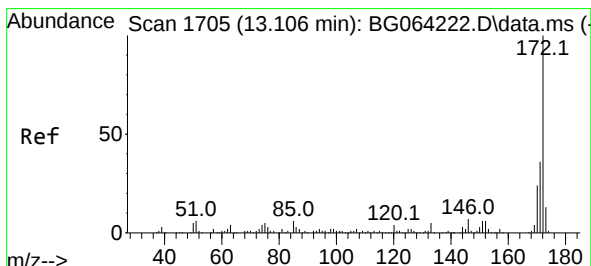
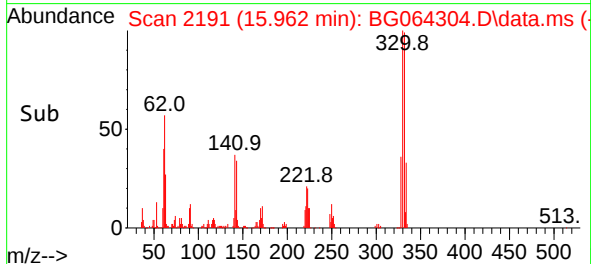
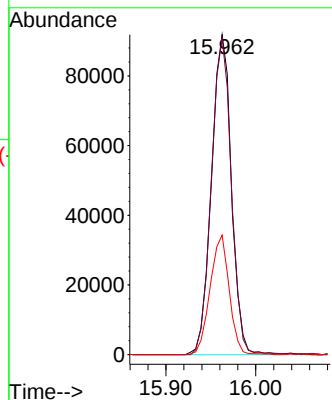
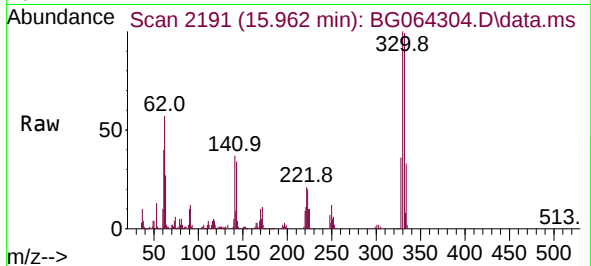




#42
2,4,6-Tribromophenol
Concen: 131.568 ng
RT: 15.962 min Scan# 2192
Delta R.T. -0.011 min
Lab File: BG064304.D
Acq: 8 Sep 2025 12:55

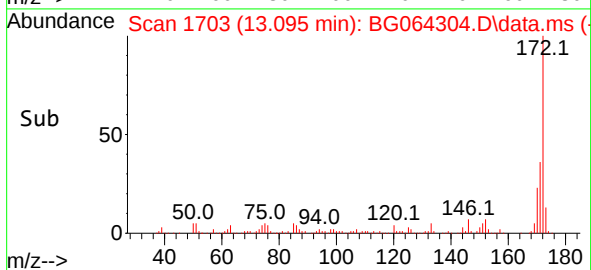
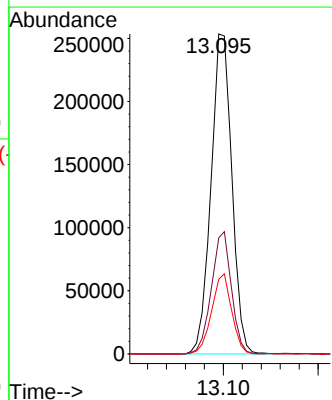
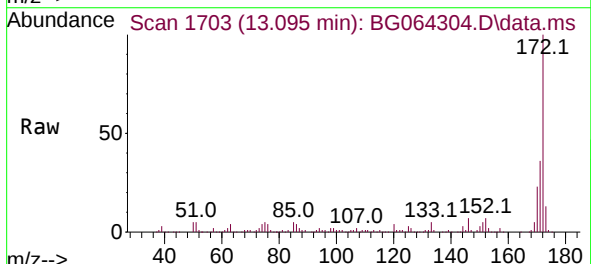
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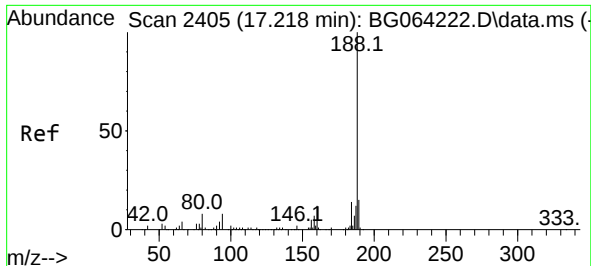
Tgt Ion:330 Resp: 142009
Ion Ratio Lower Upper
330 100
332 99.1 77.6 116.4
141 35.8 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 72.575 ng
RT: 13.095 min Scan# 1703
Delta R.T. -0.017 min
Lab File: BG064304.D
Acq: 8 Sep 2025 12:55

Tgt Ion:172 Resp: 387464
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 23.3 19.0 28.6

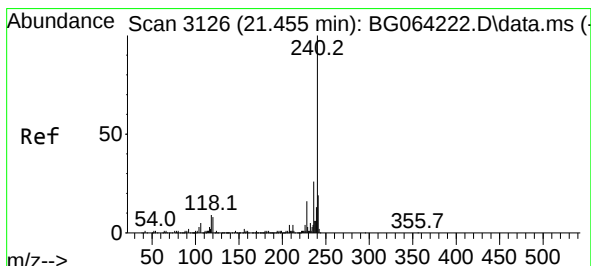
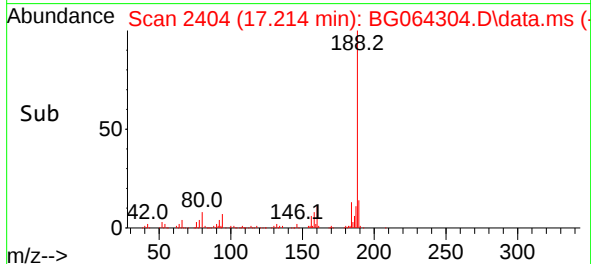
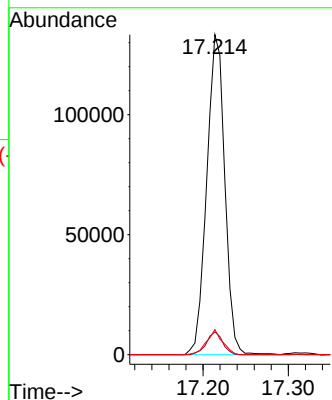
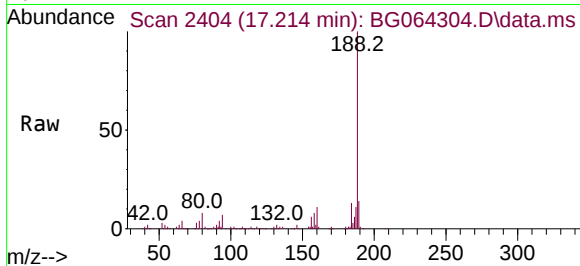




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.214 min Scan# 2405
Delta R.T. -0.011 min
Lab File: BG064304.D
Acq: 8 Sep 2025 12:55

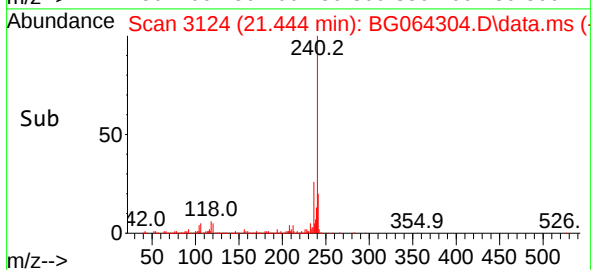
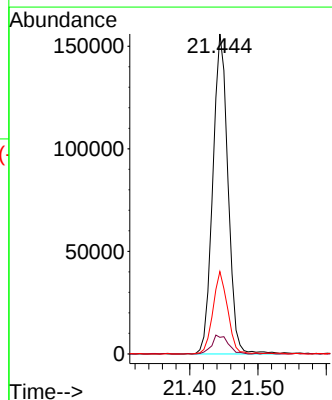
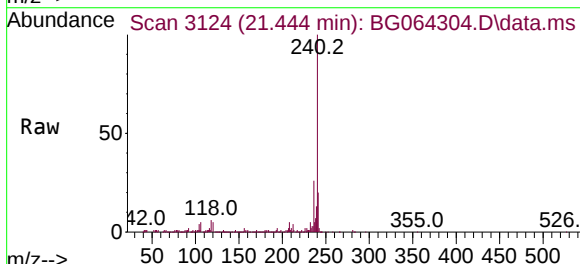
Instrument :
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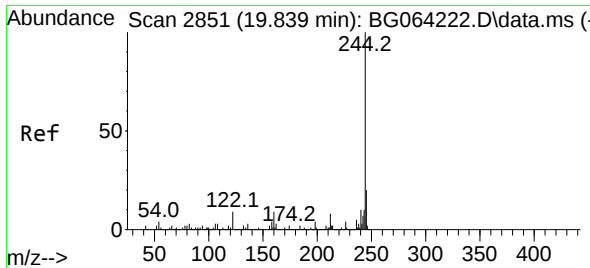
Tgt Ion:188 Resp: 195916
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.4
80 7.8 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3124
Delta R.T. -0.011 min
Lab File: BG064304.D
Acq: 8 Sep 2025 12:55

Tgt Ion:240 Resp: 240083
Ion Ratio Lower Upper
240 100
120 5.2 6.2 9.4#
236 25.7 20.5 30.7





#79

Terphenyl-d14

Concen: 70.279 ng

RT: 19.834 min Scan# 2851

Delta R.T. -0.011 min

Lab File: BG064304.D

Acq: 8 Sep 2025 12:55

Instrument :

BNA_G

ClientSampleId :

TP-1

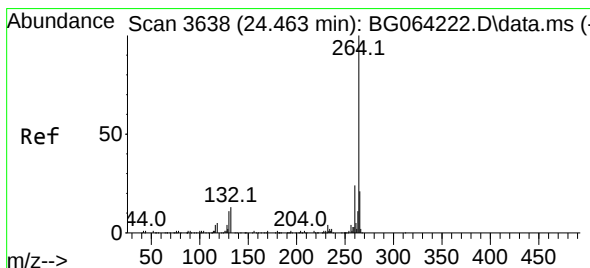
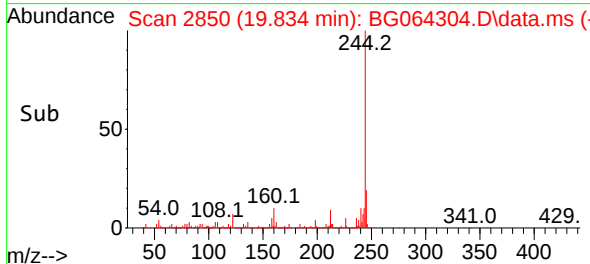
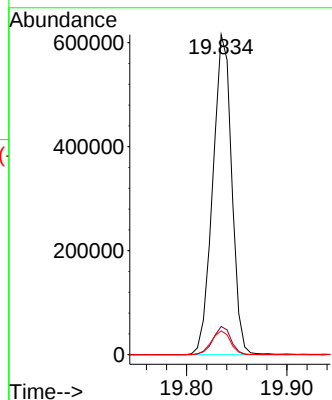
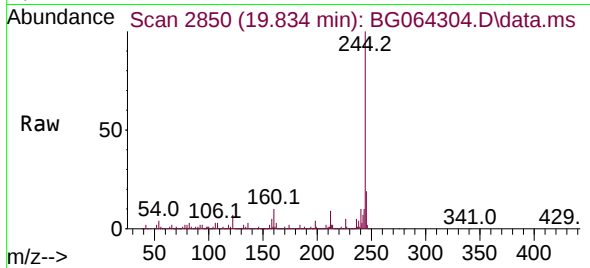
Tgt Ion:244 Resp: 808719

Ion Ratio Lower Upper

244 100

212 8.8 6.6 10.0

122 7.4 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.453 min Scan# 3636

Delta R.T. -0.011 min

Lab File: BG064304.D

Acq: 8 Sep 2025 12:55

Tgt Ion:264 Resp: 263408

Ion Ratio Lower Upper

264 100

260 22.8 18.9 28.3

265 21.2 16.7 25.1

