

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090925\
 Data File : BG064323.D
 Acq On : 9 Sep 2025 14:20
 Operator : RC/JU
 Sample : PB169606BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169606BL

Quant Time: Sep 09 15:09:56 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	7.849	152	21699	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	92887	20.000	ng	-0.02
39) Acenaphthene-d10	14.477	164	69770	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	182536	20.000	ng	#-0.01
76) Chrysene-d12	21.445	240	200876	20.000	ng	-0.01
86) Perylene-d12	24.453	264	215928	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	161580	133.596	ng	0.00
7) Phenol-d6	7.021	99	213499	128.490	ng	-0.01
23) Nitrobenzene-d5	9.001	82	153227	91.999	ng	-0.02
42) 2,4,6-Tribromophenol	15.963	330	152329	164.834	ng	-0.01
45) 2-Fluorobiphenyl	13.096	172	404419	88.474	ng	-0.02
79) Terphenyl-d14	19.841	244	899824	93.458	ng	0.00

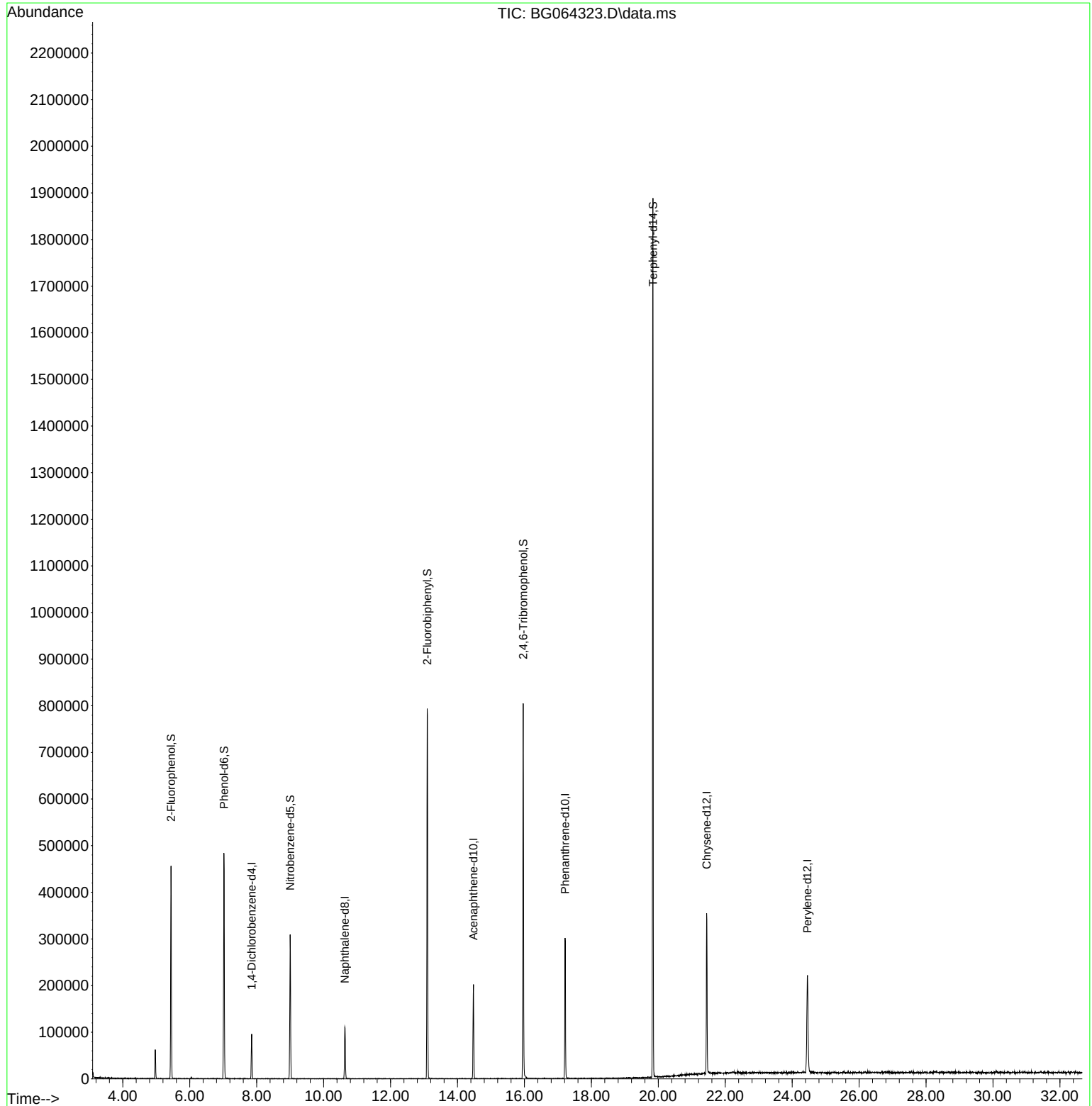
Target Compounds	Qvalue

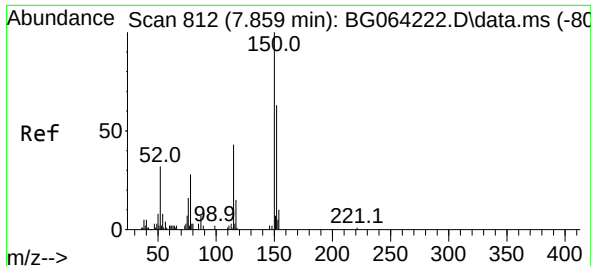
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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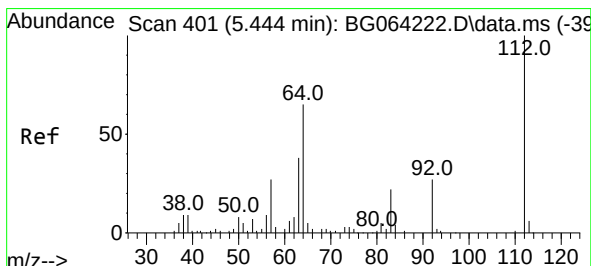
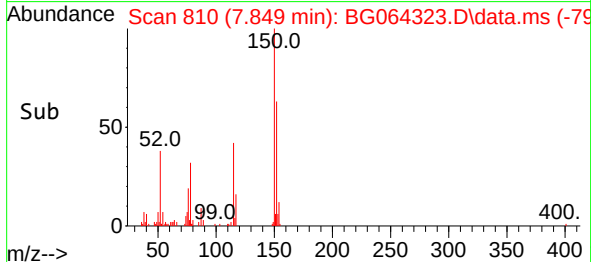
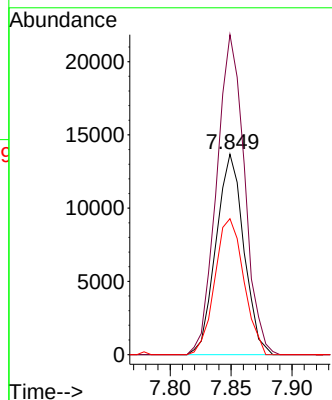
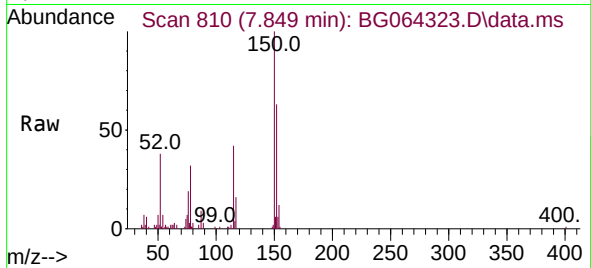




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.849 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG064323.D
Acq: 9 Sep 2025 14:20

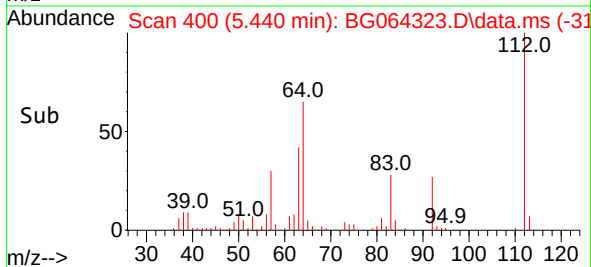
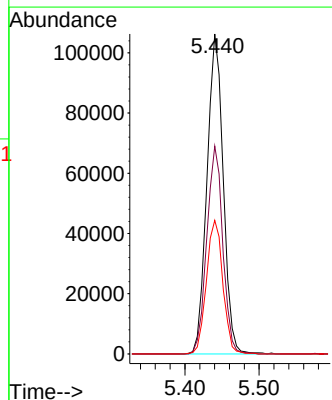
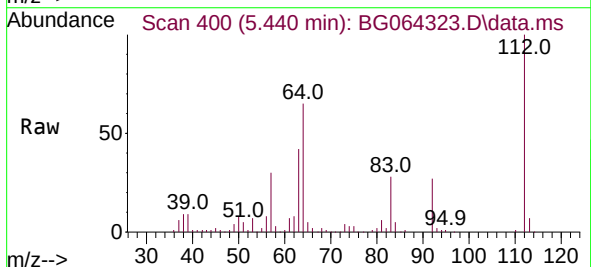
Instrument :
BNA_G
ClientSampleId :
PB169606BL

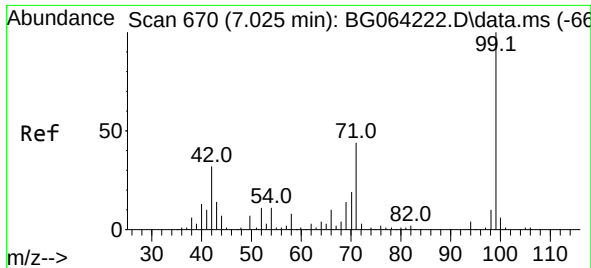
Tgt Ion:152 Resp: 21699
Ion Ratio Lower Upper
152 100
150 159.7 128.0 192.0
115 67.8 55.7 83.5



#5
2-Fluorophenol
Concen: 133.596 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.004 min
Lab File: BG064323.D
Acq: 9 Sep 2025 14:20

Tgt Ion:112 Resp: 161580
Ion Ratio Lower Upper
112 100
64 64.9 51.8 77.6
63 41.7 30.6 45.8

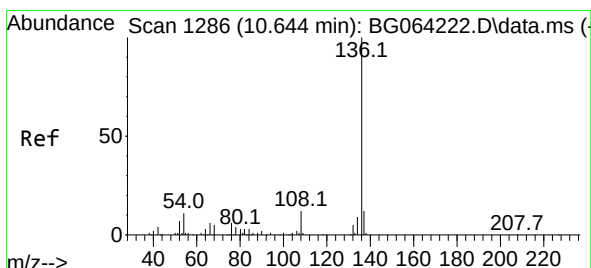
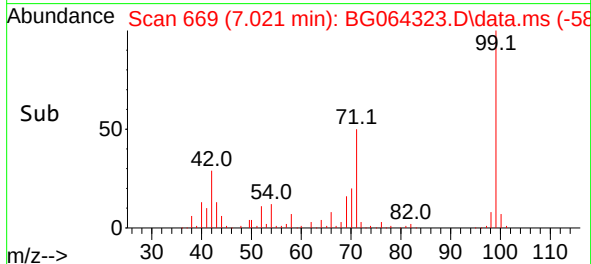
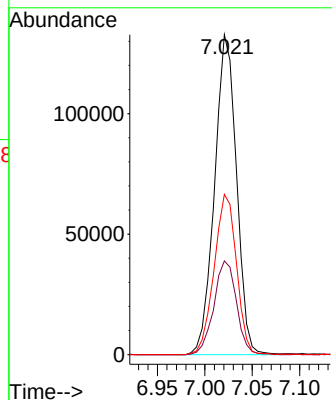
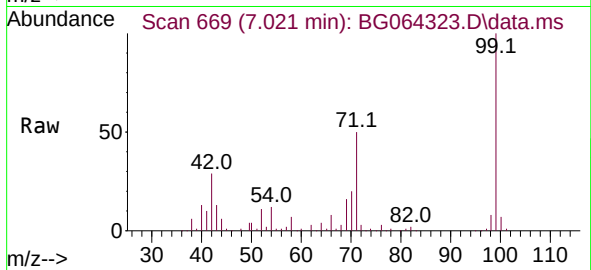




#7
Phenol-d6
Concen: 128.490 ng
RT: 7.021 min Scan# 60
Delta R.T. -0.010 min
Lab File: BG064323.D
Acq: 9 Sep 2025 14:20

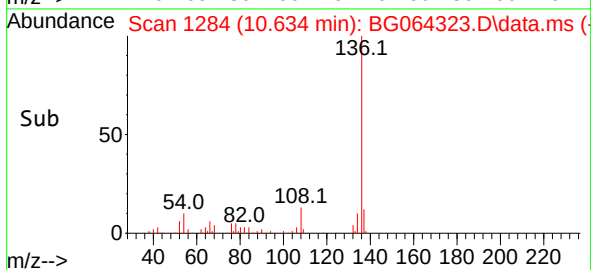
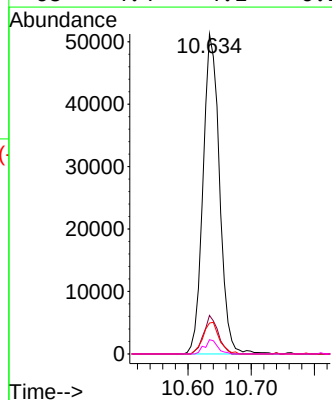
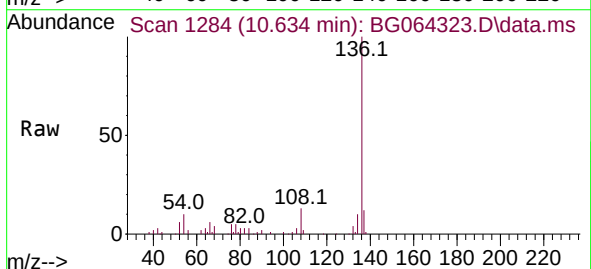
Instrument :
BNA_G
ClientSampleId :
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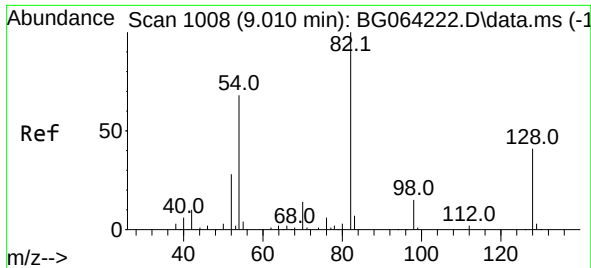
Tgt Ion: 99 Resp: 213499
Ion Ratio Lower Upper
99 100
42 29.3 25.8 38.8
71 50.1 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1284
Delta R.T. -0.016 min
Lab File: BG064323.D
Acq: 9 Sep 2025 14:20

Tgt Ion: 136 Resp: 92887
Ion Ratio Lower Upper
136 100
137 12.0 9.6 14.4
54 9.6 8.8 13.2
68 4.4 4.1 6.1





#23
Nitrobenzene-d5
Concen: 91.999 ng
RT: 9.001 min Scan# 1006
Delta R.T. -0.016 min
Lab File: BG064323.D
Acq: 9 Sep 2025 14:20

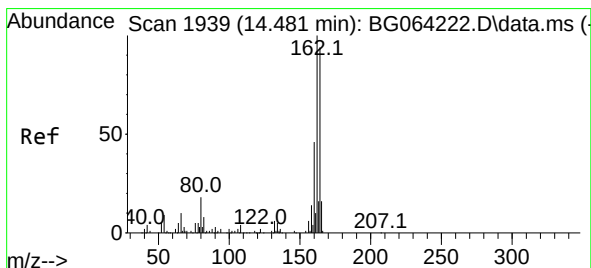
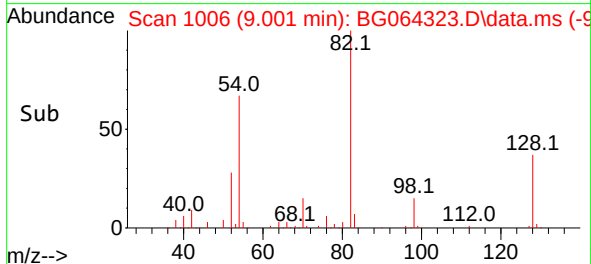
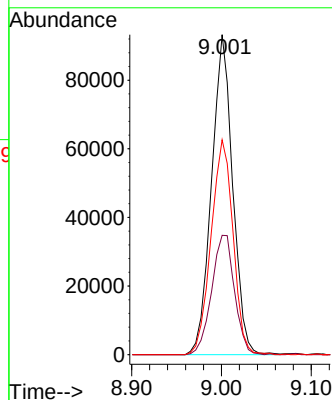
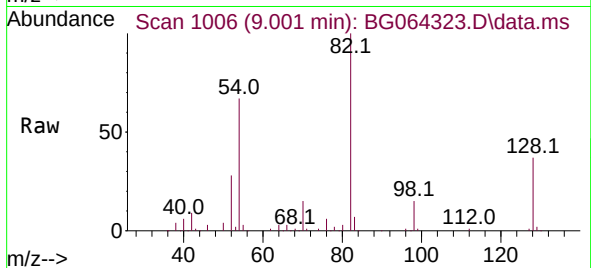
Instrument :

BNA_G

ClientSampleId :

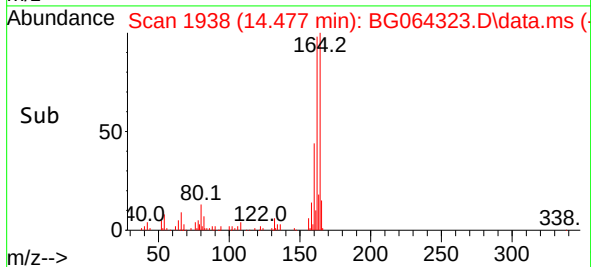
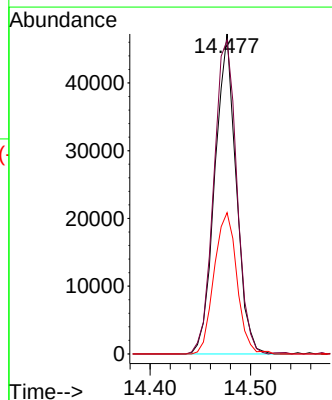
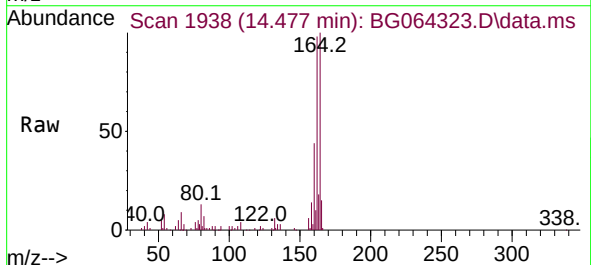
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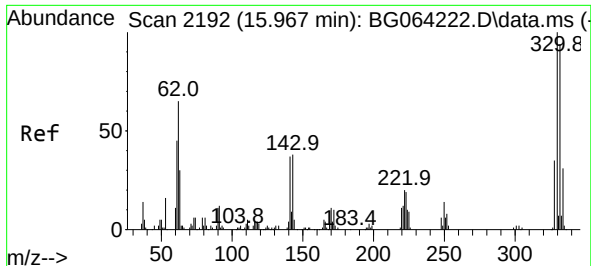
Tgt Ion: 82 Resp: 153227
Ion Ratio Lower Upper
82 100
128 37.3 32.6 48.8
54 67.1 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.477 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG064323.D
Acq: 9 Sep 2025 14:20

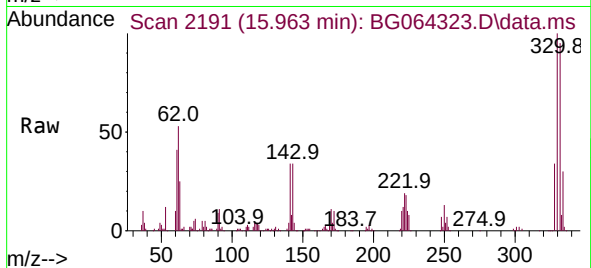
Tgt Ion:164 Resp: 69770
Ion Ratio Lower Upper
164 100
162 98.0 85.4 128.0
160 44.1 39.2 58.8



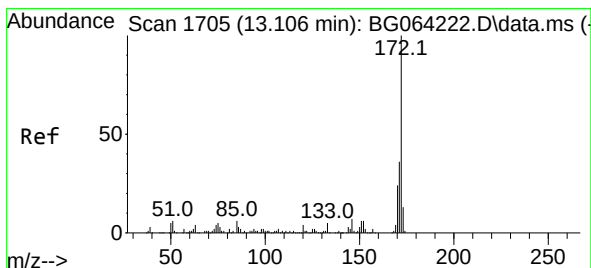
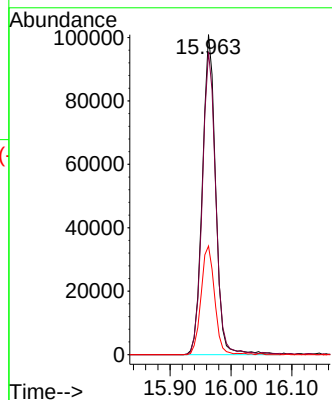
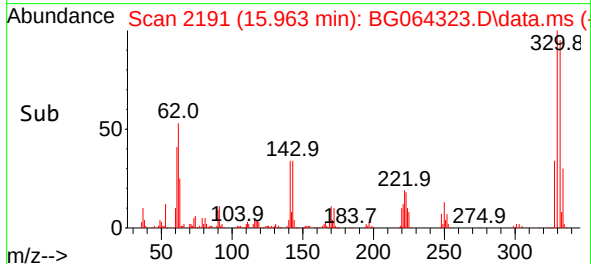


#42
2,4,6-Tribromophenol
Concen: 164.834 ng
RT: 15.963 min Scan# 2191
Delta R.T. -0.010 min
Lab File: BG064323.D
Acq: 9 Sep 2025 14:20

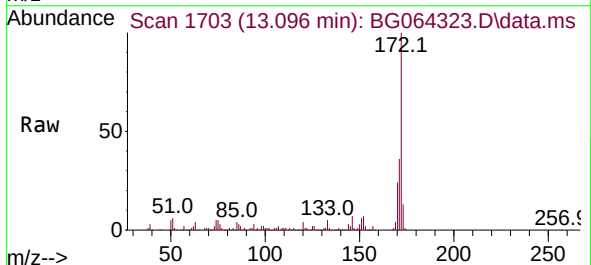
Instrument :
BNA_G
ClientSampleId :
PB169606BL



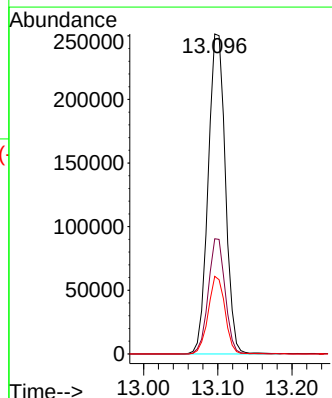
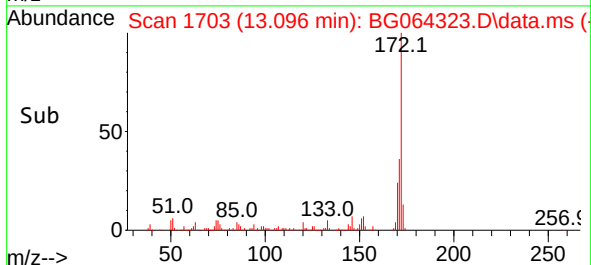
Tgt Ion:330 Resp: 152329
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 34.5 29.8 44.6

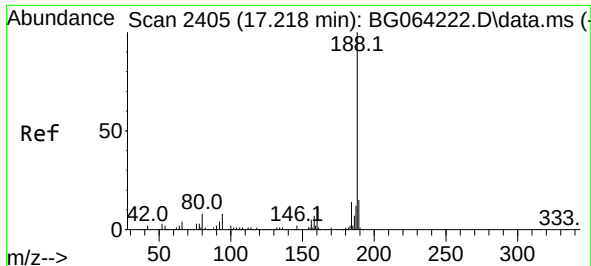


#45
2-Fluorobiphenyl
Concen: 88.474 ng
RT: 13.096 min Scan# 1703
Delta R.T. -0.016 min
Lab File: BG064323.D
Acq: 9 Sep 2025 14:20



Tgt Ion:172 Resp: 404419
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 24.2 19.0 28.6

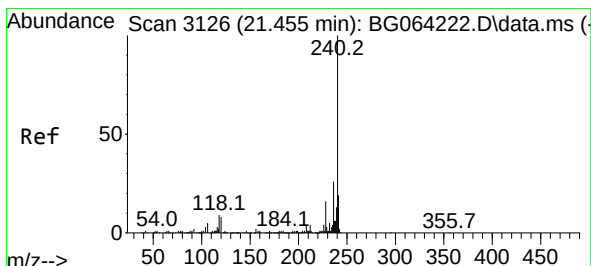
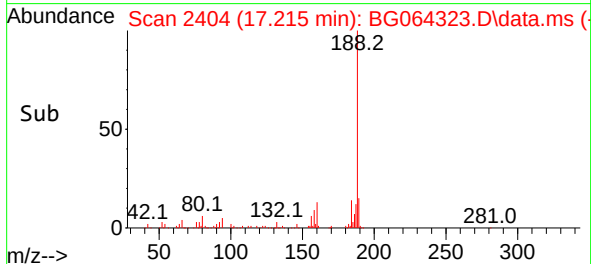
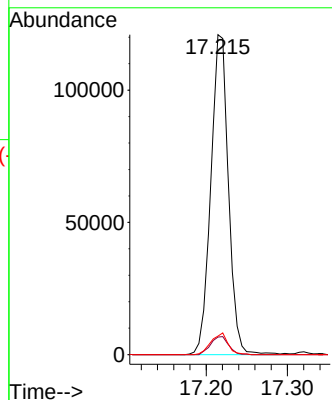
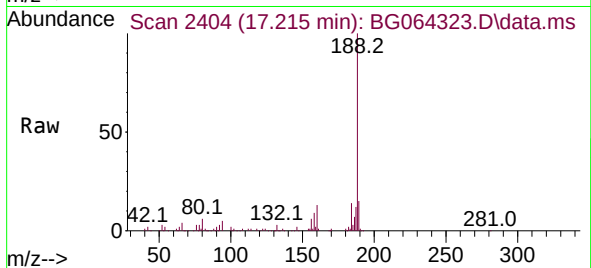




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2405
Delta R.T. -0.010 min
Lab File: BG064323.D
Acq: 9 Sep 2025 14:20

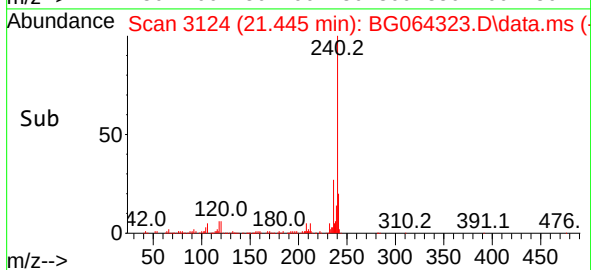
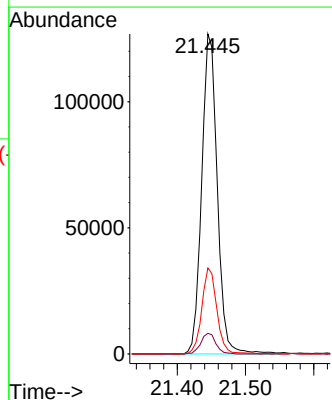
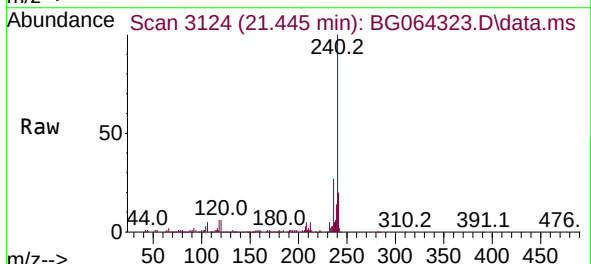
Instrument :
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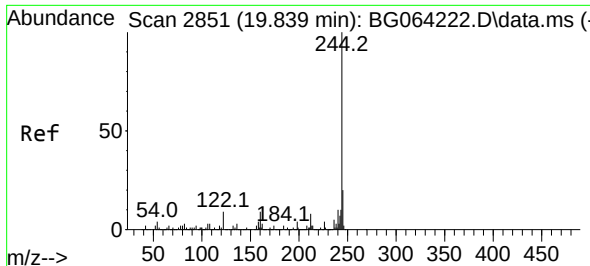
Tgt Ion:188 Resp: 182536
Ion Ratio Lower Upper
188 100
94 5.5 6.2 9.4#
80 5.8 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3124
Delta R.T. -0.010 min
Lab File: BG064323.D
Acq: 9 Sep 2025 14:20

Tgt Ion:240 Resp: 200876
Ion Ratio Lower Upper
240 100
120 6.4 6.2 9.4
236 26.8 20.5 30.7

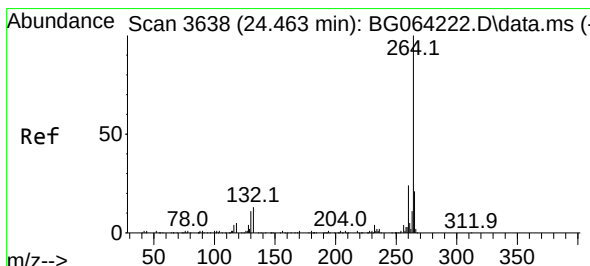
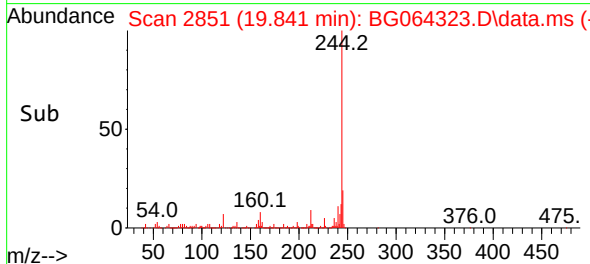
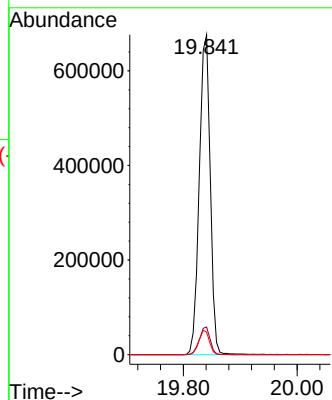
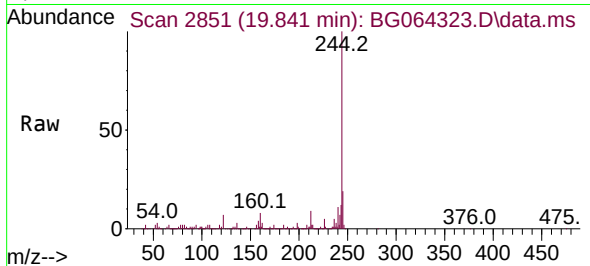




#79
 Terphenyl-d14
 Concen: 93.458 ng
 RT: 19.841 min Scan# 2851
 Delta R.T. -0.004 min
 Lab File: BG064323.D
 Acq: 9 Sep 2025 14:20

Instrument :
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Tgt Ion:244 Resp: 899824
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 10.0
 122 7.0 7.0 10.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.453 min Scan# 3636
 Delta R.T. -0.010 min
 Lab File: BG064323.D
 Acq: 9 Sep 2025 14:20

Tgt Ion:264 Resp: 215928
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.9 28.3
 265 19.5 16.7 25.1

