

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
 Data File : BG064235.D
 Acq On : 29 Aug 2025 20:00
 Operator : RC/JU
 Sample : Q2971-37
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GROUNDWATER

Quant Time: Aug 29 23:22:06 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	7.858	152	25824	20.000	ng	0.00
21) Naphthalene-d8	10.643	136	116987	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	86126	20.000	ng	0.00
64) Phenanthrene-d10	17.218	188	215811	20.000	ng	0.00
76) Chrysene-d12	21.448	240	227514	20.000	ng	0.00
86) Perylene-d12	24.456	264	251884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.443	112	116331	80.820	ng	0.00
7) Phenol-d6	7.018	99	103568	52.374	ng	-0.01
23) Nitrobenzene-d5	9.004	82	210528	100.364	ng	-0.01
42) 2,4,6-Tribromophenol	15.966	330	169179	148.301	ng	0.00
45) 2-Fluorobiphenyl	13.105	172	524650	92.980	ng	0.00
79) Terphenyl-d14	19.838	244	891517	81.754	ng	0.00

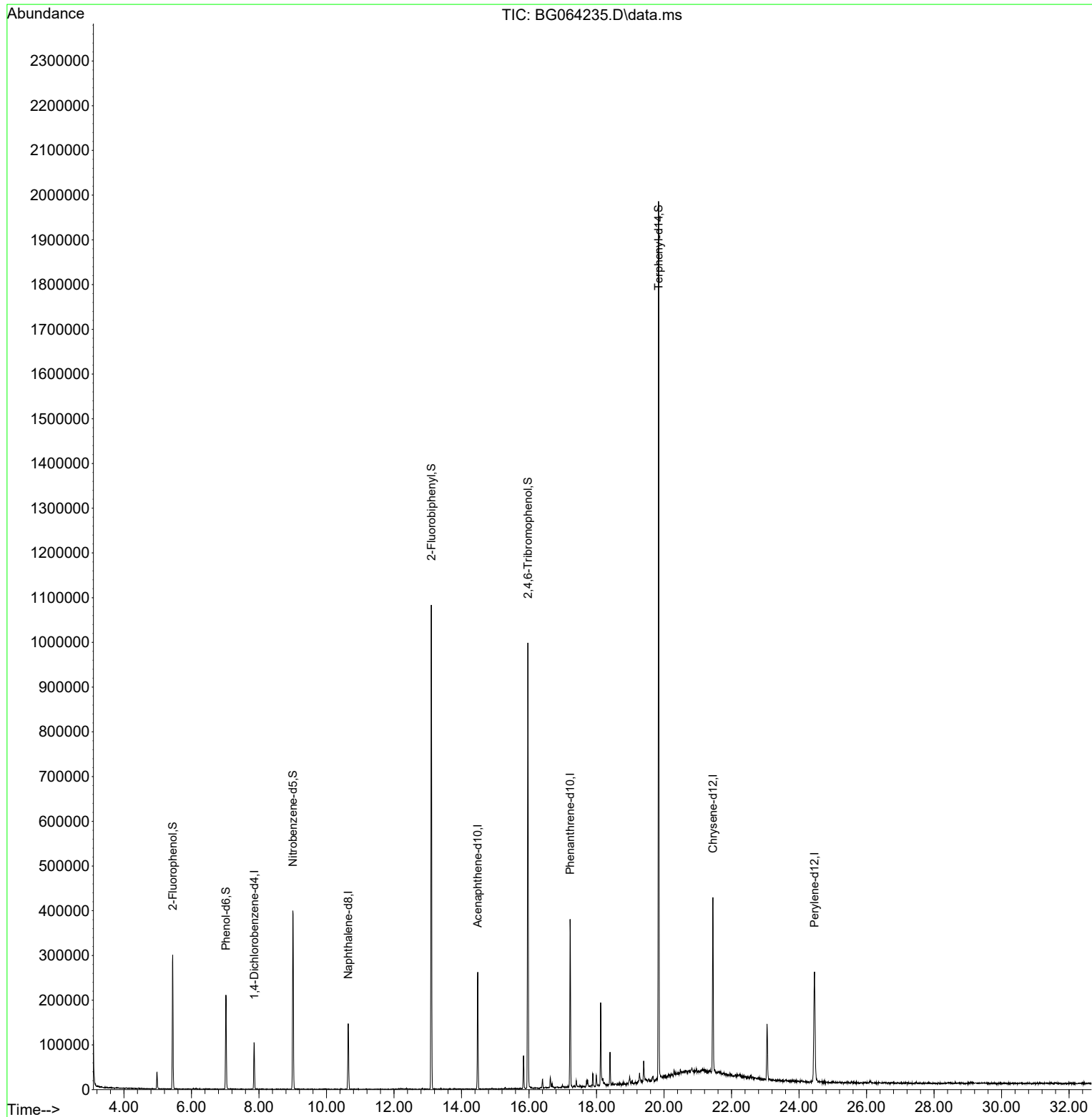
Target Compounds	Qvalue

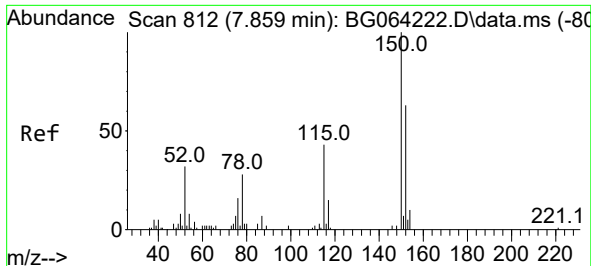
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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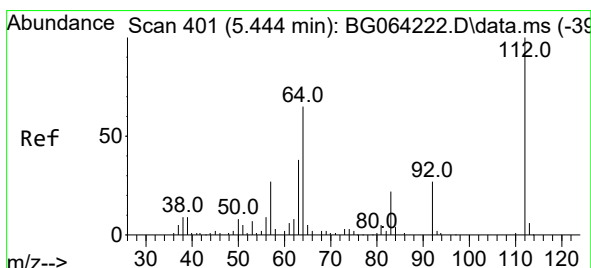
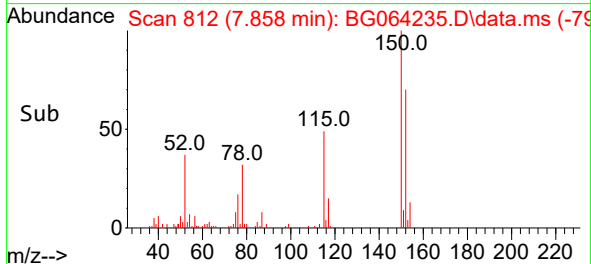
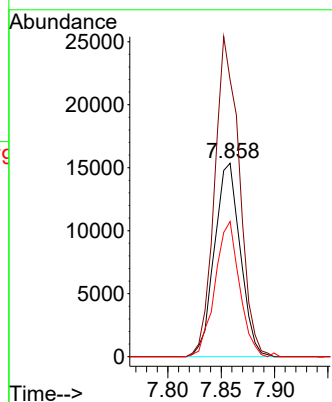
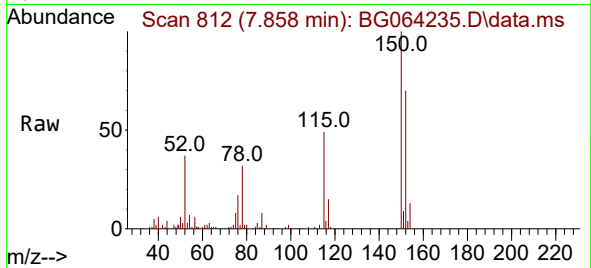




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 812
Delta R.T. -0.001 min
Lab File: BG064235.D
Acq: 29 Aug 2025 20:00

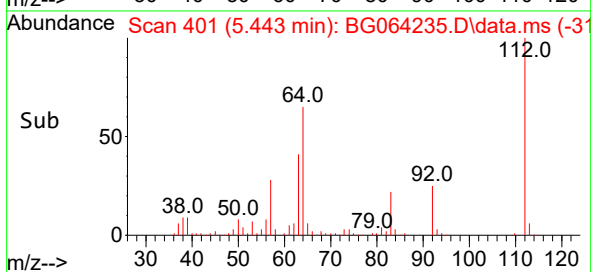
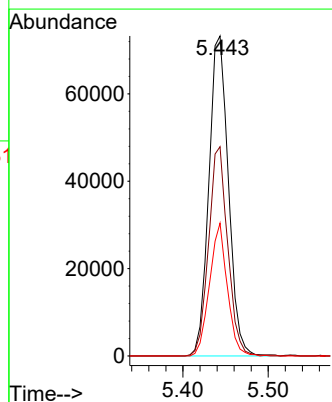
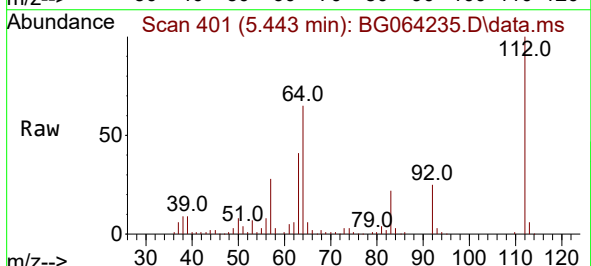
Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

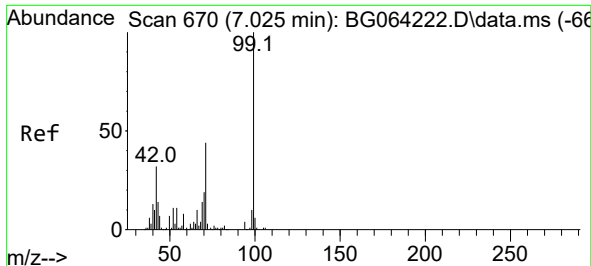
Tgt Ion:152 Resp: 25824
Ion Ratio Lower Upper
152 100
150 143.0 128.0 192.0
115 69.8 55.7 83.5



#5
2-Fluorophenol
Concen: 80.820 ng
RT: 5.443 min Scan# 401
Delta R.T. -0.001 min
Lab File: BG064235.D
Acq: 29 Aug 2025 20:00

Tgt Ion:112 Resp: 116331
Ion Ratio Lower Upper
112 100
64 65.4 51.8 77.6
63 41.5 30.6 45.8

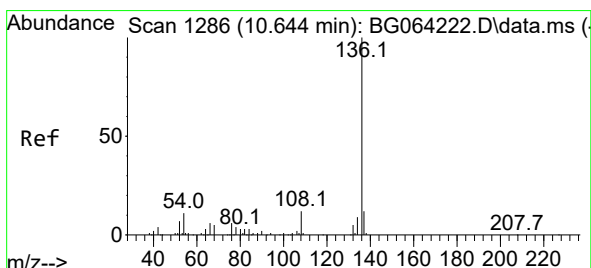
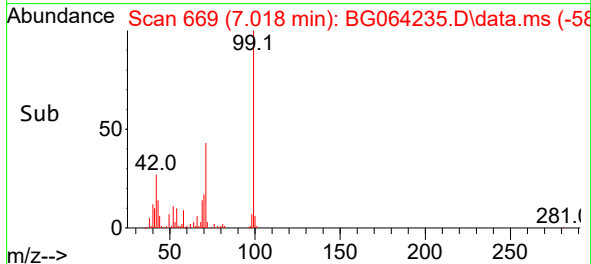
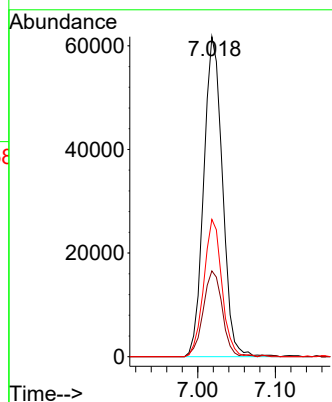
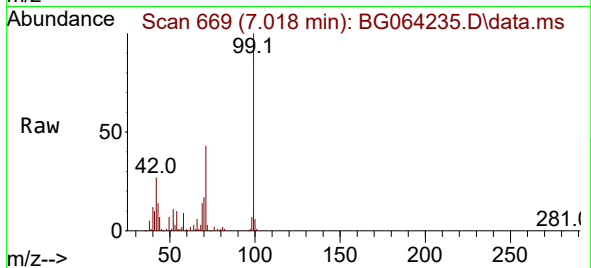




#7
Phenol-d6
Concen: 52.374 ng
RT: 7.018 min Scan# 60
Delta R.T. -0.013 min
Lab File: BG064235.D
Acq: 29 Aug 2025 20:00

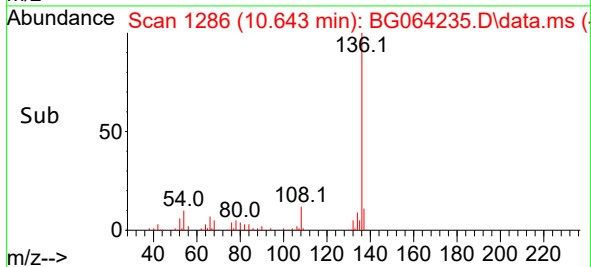
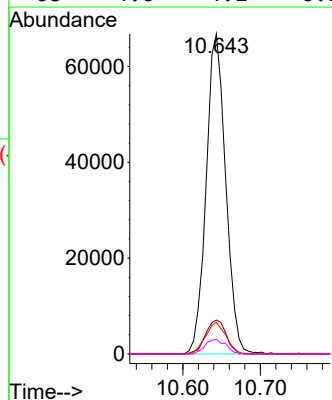
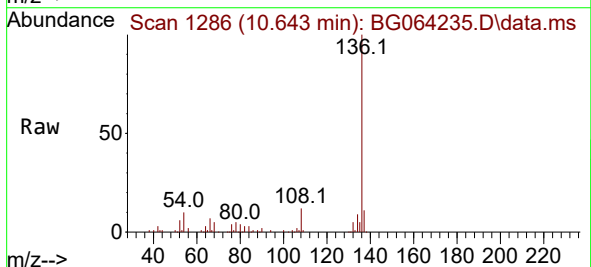
Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

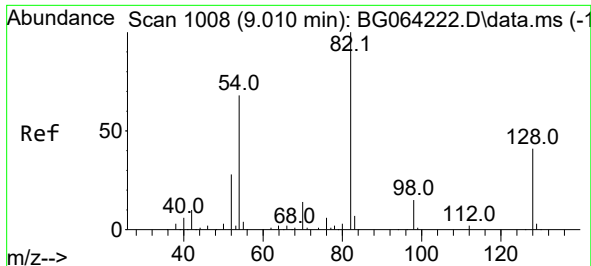
Tgt Ion: 99 Resp: 103568
Ion Ratio Lower Upper
99 100
42 26.8 25.8 38.8
71 42.9 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.643 min Scan# 1286
Delta R.T. -0.007 min
Lab File: BG064235.D
Acq: 29 Aug 2025 20:00

Tgt Ion: 136 Resp: 116987
Ion Ratio Lower Upper
136 100
137 10.6 9.6 14.4
54 9.9 8.8 13.2
68 4.6 4.1 6.1

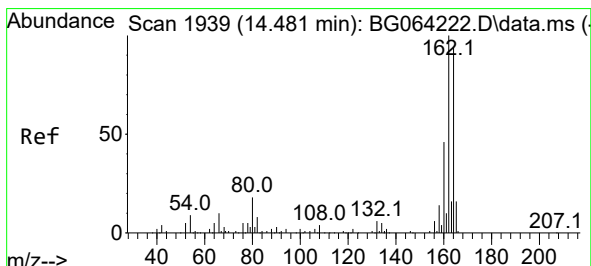
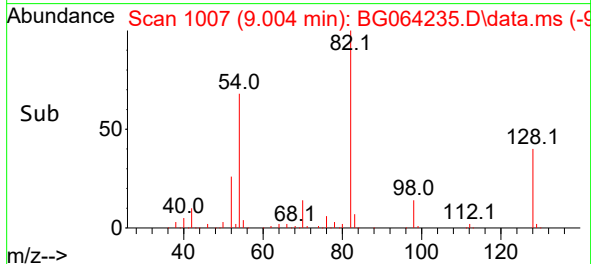
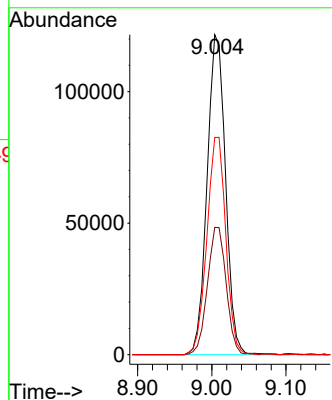
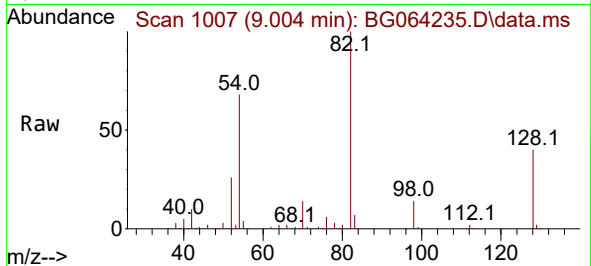




#23
Nitrobenzene-d5
Concen: 100.364 ng
RT: 9.004 min Scan# 1007
Delta R.T. -0.013 min
Lab File: BG064235.D
Acq: 29 Aug 2025 20:00

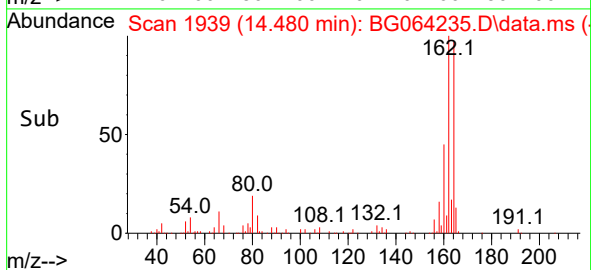
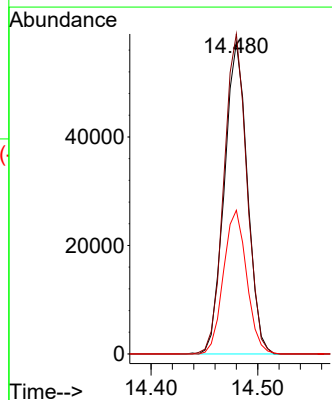
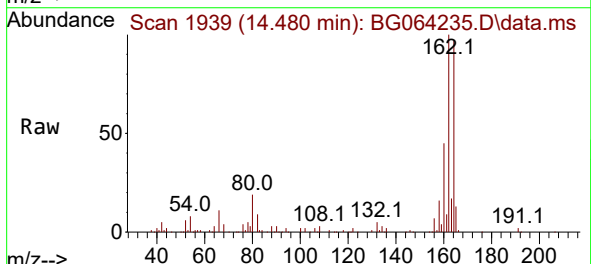
Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

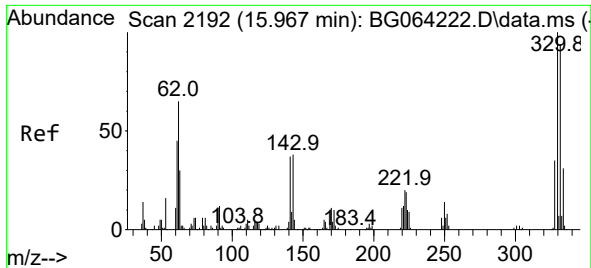
Tgt Ion: 82 Resp: 210528
Ion Ratio Lower Upper
82 100
128 39.8 32.6 48.8
54 67.9 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.001 min
Lab File: BG064235.D
Acq: 29 Aug 2025 20:00

Tgt Ion:164 Resp: 86126
Ion Ratio Lower Upper
164 100
162 102.7 85.4 128.0
160 46.1 39.2 58.8

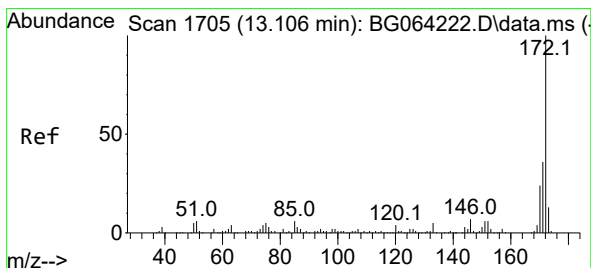
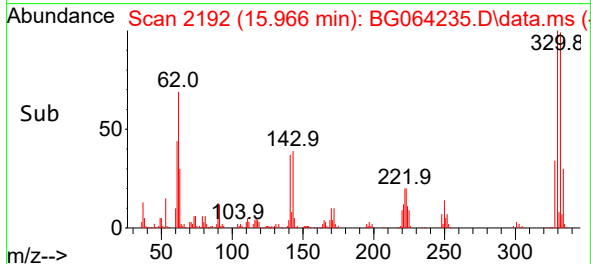
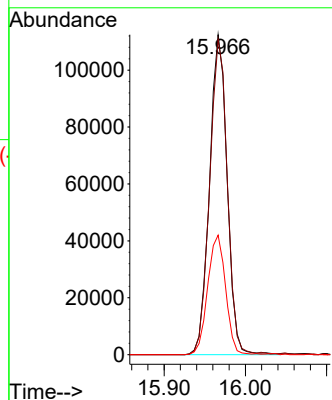
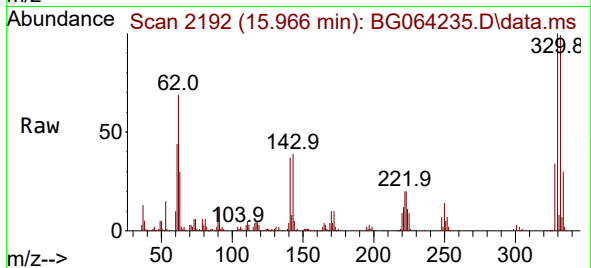




#42
2,4,6-Tribromophenol
Concen: 148.301 ng
RT: 15.966 min Scan# 2192
Delta R.T. -0.007 min
Lab File: BG064235.D
Acq: 29 Aug 2025 20:00

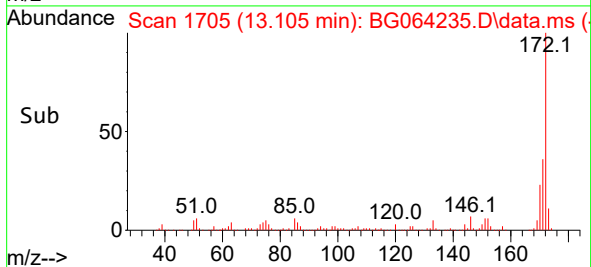
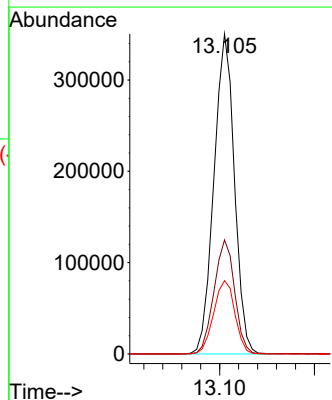
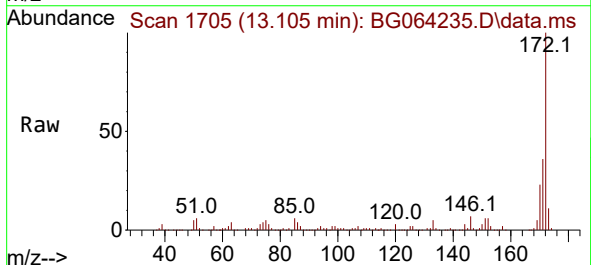
Instrument :
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ClientSampleId :
GROUNDWATER

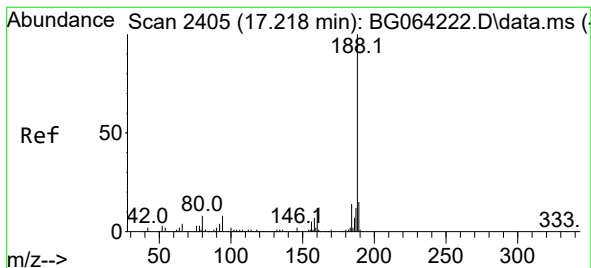
Tgt Ion:330 Resp: 169179
Ion Ratio Lower Upper
330 100
332 98.9 77.6 116.4
141 38.0 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 92.980 ng
RT: 13.105 min Scan# 1705
Delta R.T. -0.007 min
Lab File: BG064235.D
Acq: 29 Aug 2025 20:00

Tgt Ion:172 Resp: 524650
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 22.9 19.0 28.6

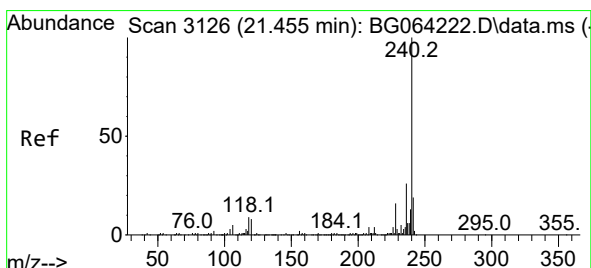
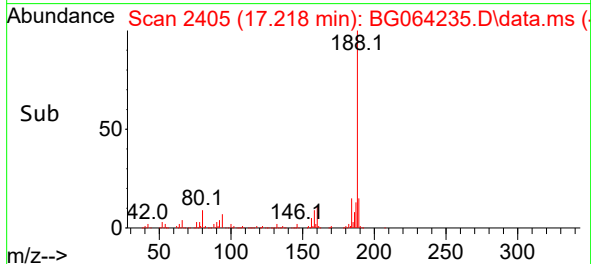
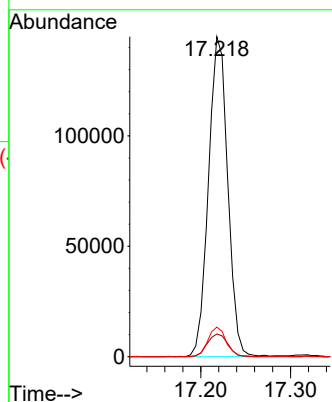
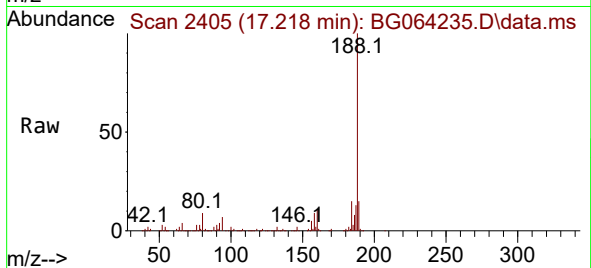




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.218 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG064235.D
Acq: 29 Aug 2025 20:00

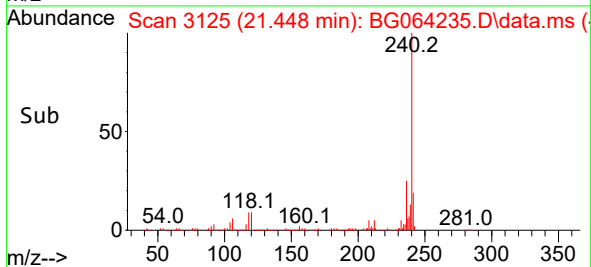
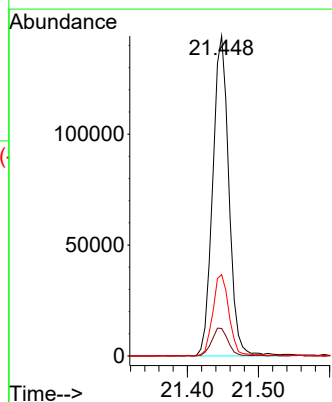
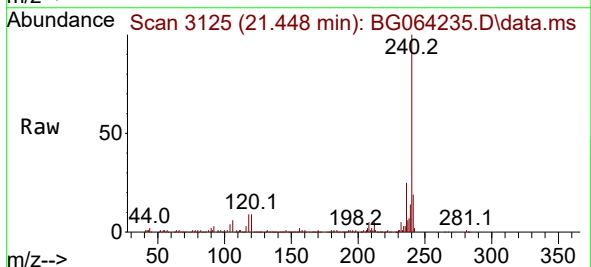
Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

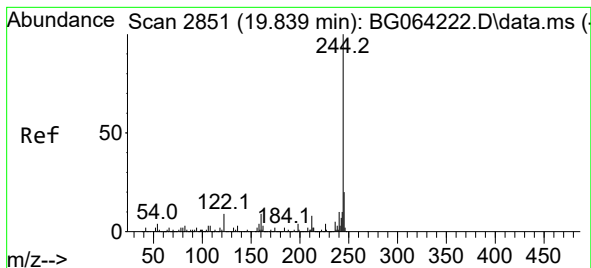
Tgt Ion:188 Resp: 215811
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.4
80 9.2 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.007 min
Lab File: BG064235.D
Acq: 29 Aug 2025 20:00

Tgt Ion:240 Resp: 227514
Ion Ratio Lower Upper
240 100
120 8.6 6.2 9.4
236 25.4 20.5 30.7





#79

Terphenyl-d14

Concen: 81.754 ng

RT: 19.838 min Scan# 2

Delta R.T. -0.007 min

Lab File: BG064235.D

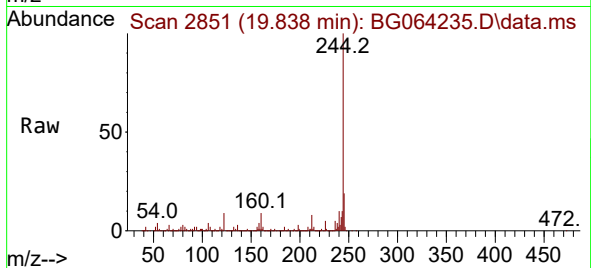
Acq: 29 Aug 2025 20:00

Instrument :

BNA_G

ClientSampleId :

GROUNDWATER



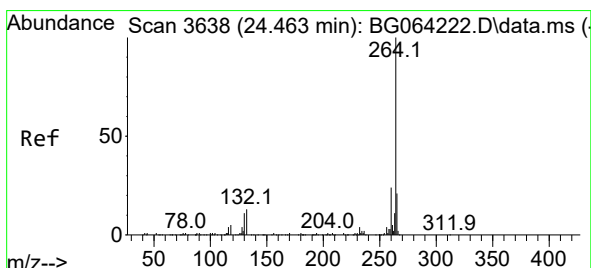
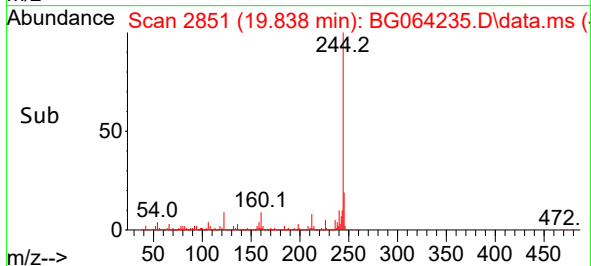
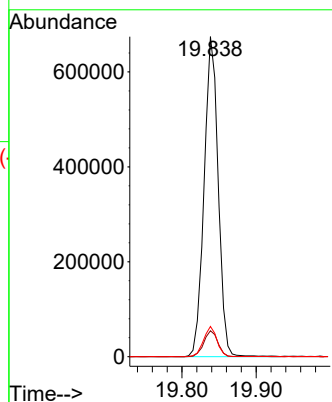
Tgt Ion:244 Resp: 891517

Ion Ratio Lower Upper

244 100

212 8.1 6.6 10.0

122 9.5 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.456 min Scan# 3637

Delta R.T. -0.007 min

Lab File: BG064235.D

Acq: 29 Aug 2025 20:00

Tgt Ion:264 Resp: 251884

Ion Ratio Lower Upper

264 100

260 22.8 18.9 28.3

265 21.9 16.7 25.1

