

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064254.D
 Acq On : 3 Sep 2025 15:04
 Operator : RC/JU
 Sample : Q2893-02
 Misc : LOQ-SOIL 2.5PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025

Quant Time: Sep 03 15:50:57 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)

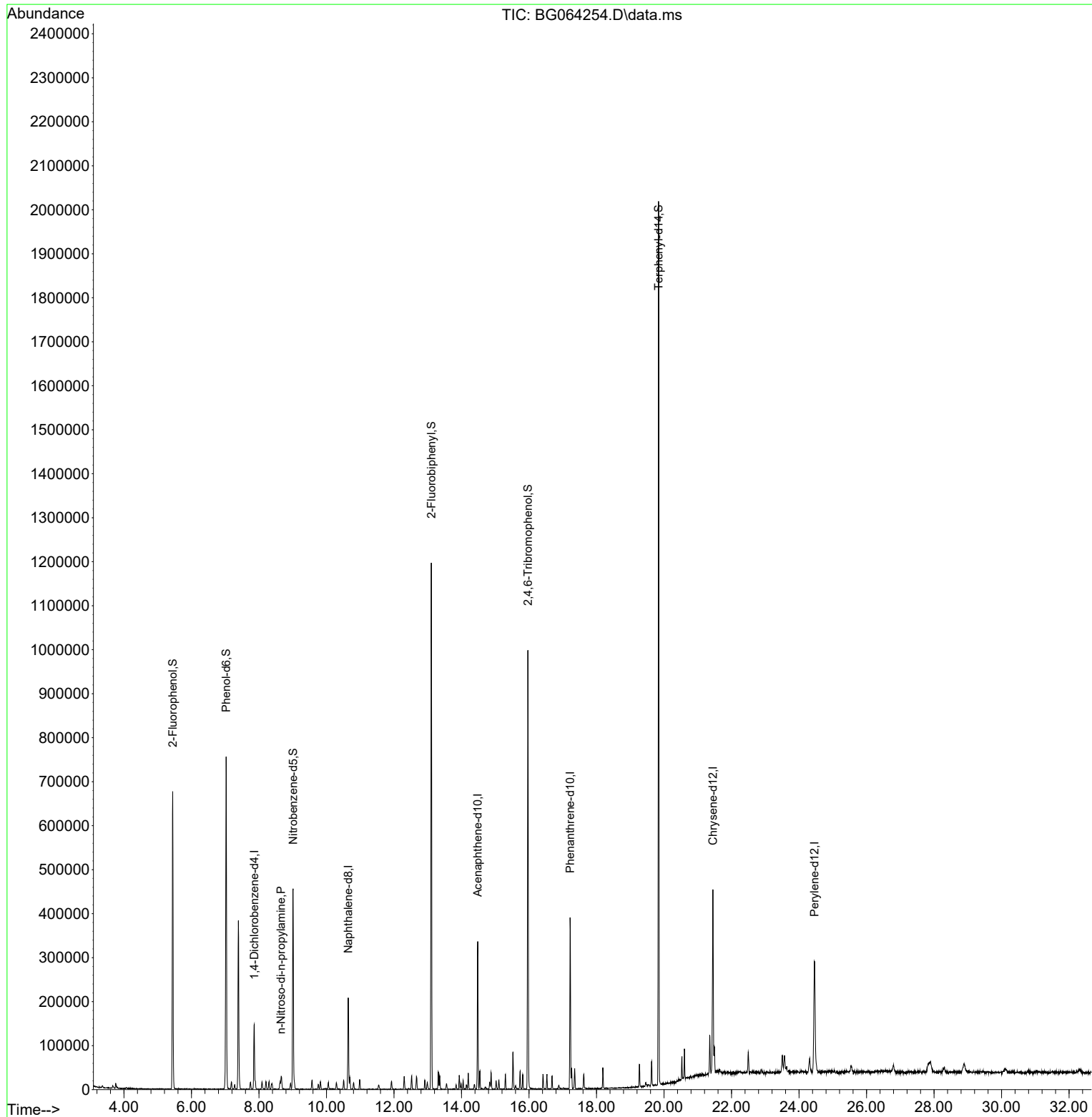
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	38159	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	166247	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	111297	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	224867	20.000	ng	0.00
76) Chrysene-d12	21.449	240	233782	20.000	ng	# 0.00
86) Perylene-d12	24.457	264	252122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	270674	127.261	ng	0.00
7) Phenol-d6	7.025	99	373334	127.765	ng	0.00
23) Nitrobenzene-d5	9.011	82	246427	82.668	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	175508	119.055	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	581999	79.817	ng	0.00
79) Terphenyl-d14	19.839	244	888499	79.293	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.652	70	5001	2.236	ng	Qvalue 95

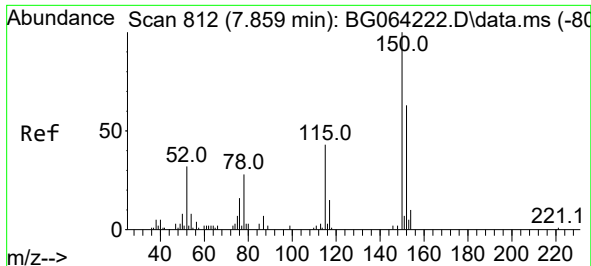
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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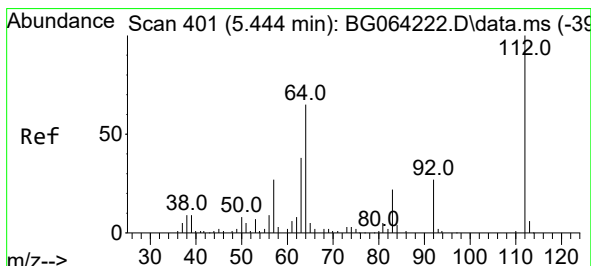
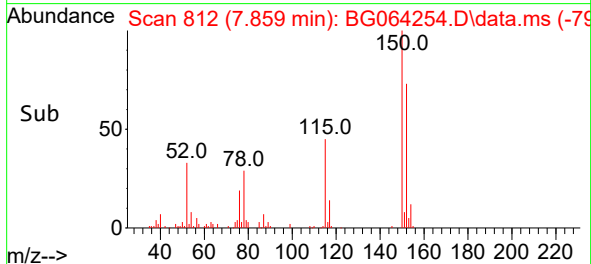
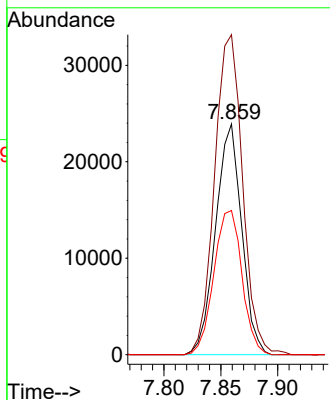
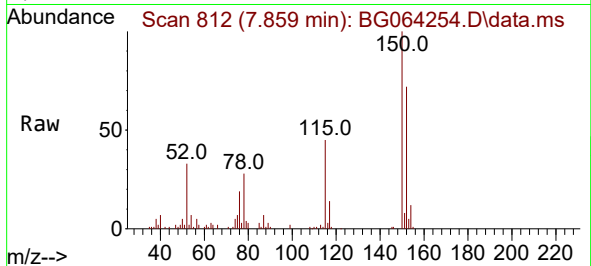




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 812
Delta R.T. 0.000 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

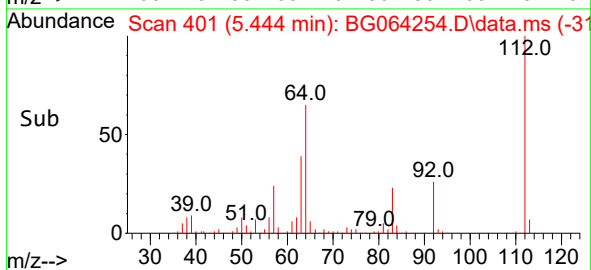
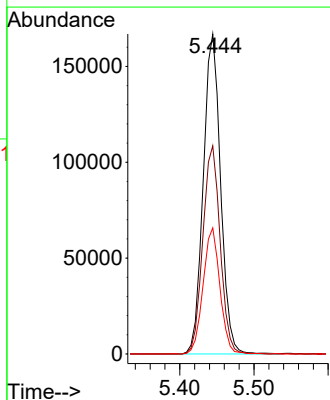
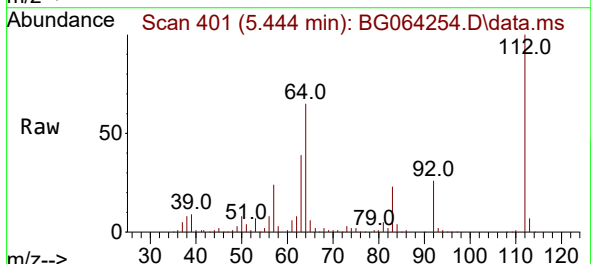
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

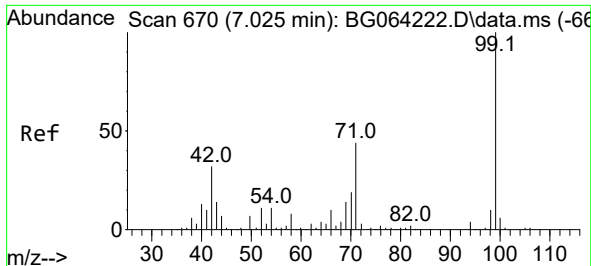
Tgt Ion:152 Resp: 38159
Ion Ratio Lower Upper
152 100
150 138.7 128.0 192.0
115 62.5 55.7 83.5



#5
2-Fluorophenol
Concen: 127.261 ng
RT: 5.444 min Scan# 401
Delta R.T. 0.000 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

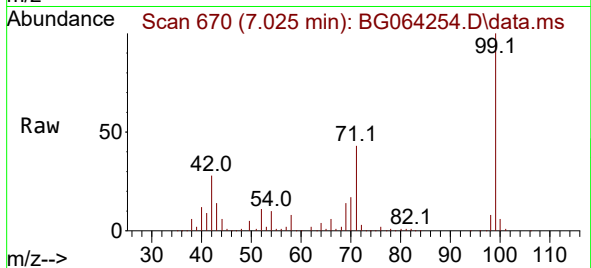
Tgt Ion:112 Resp: 270674
Ion Ratio Lower Upper
112 100
64 65.0 51.8 77.6
63 39.4 30.6 45.8



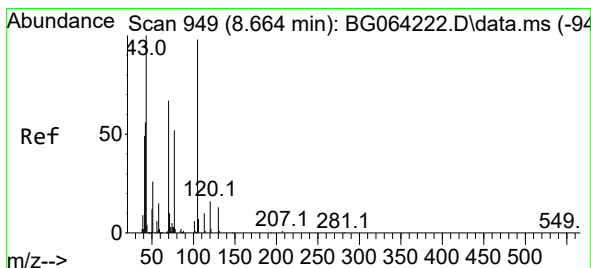
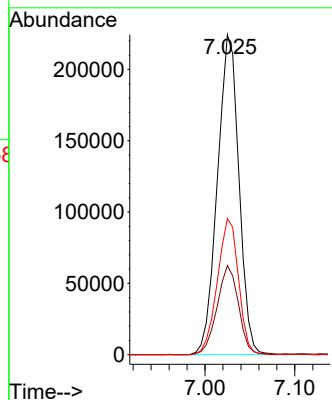
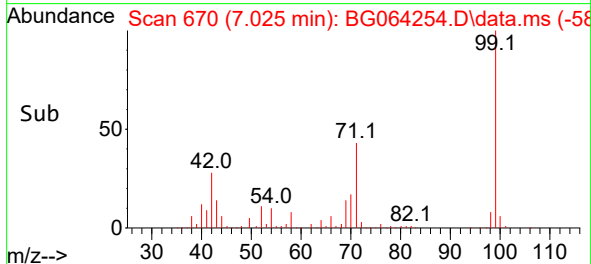


#7
Phenol-d6
Concen: 127.765 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

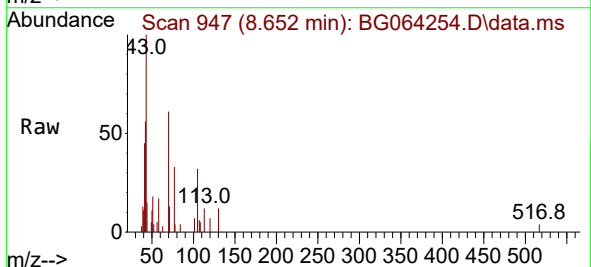
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025



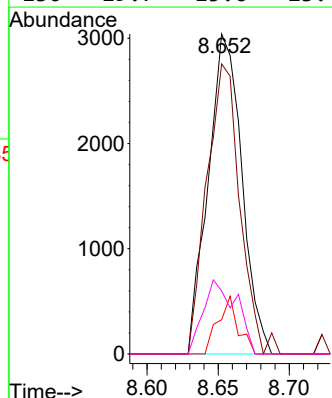
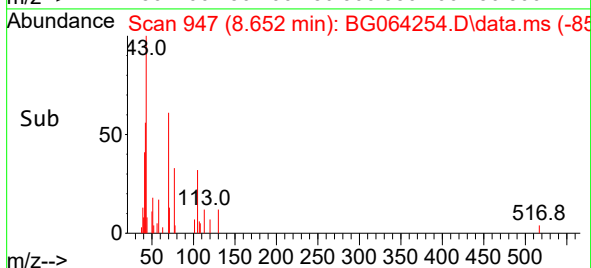
Tgt Ion: 99 Resp: 373334
Ion Ratio Lower Upper
99 100
42 27.9 25.8 38.8
71 42.5 35.2 52.8

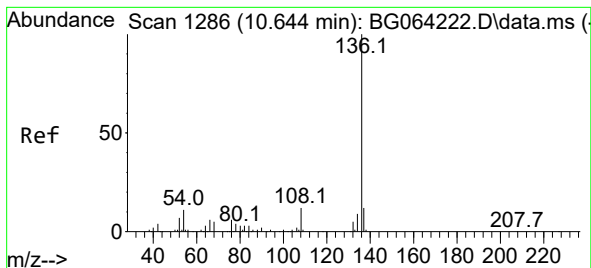


#19
n-Nitroso-di-n-propylamine
Concen: 2.236 ng
RT: 8.652 min Scan# 947
Delta R.T. -0.012 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04



Tgt Ion: 70 Resp: 5001
Ion Ratio Lower Upper
70 100
42 90.6 67.9 101.9
101 10.7 7.3 10.9
130 19.7 15.6 23.4

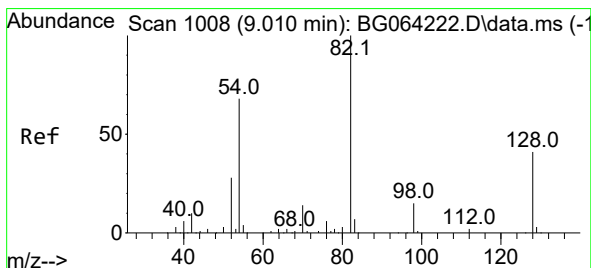
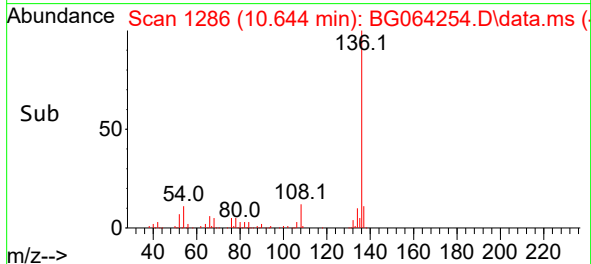
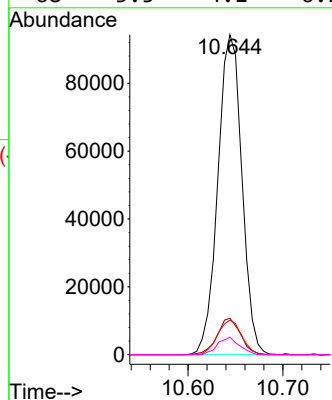
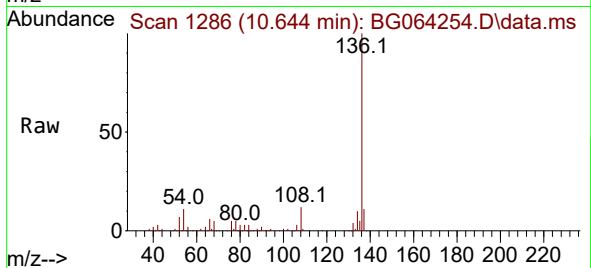




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

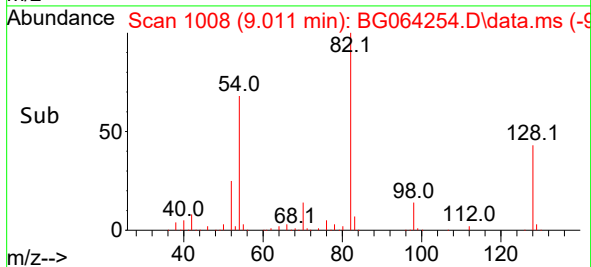
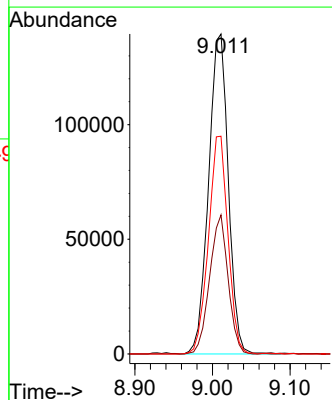
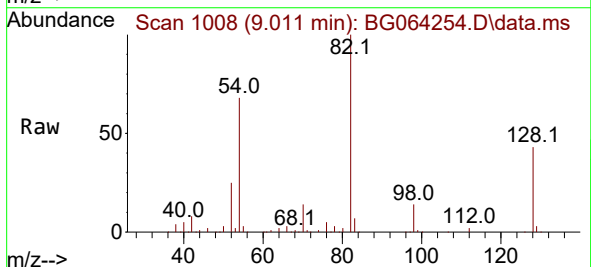
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT3-2025

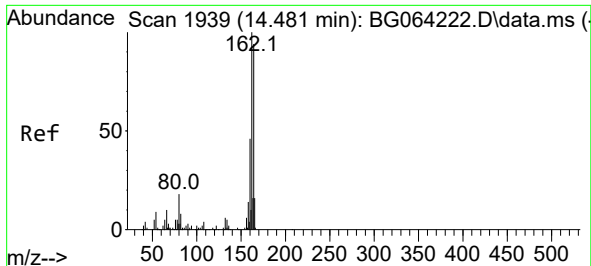
Tgt Ion:	136	Resp:	166247
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.6	14.4
54	10.8	8.8	13.2
68	5.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 82.668 ng
RT: 9.011 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion:	82	Resp:	246427
Ion Ratio	Lower	Upper	
82	100		
128	43.4	32.6	48.8
54	68.0	54.7	82.1

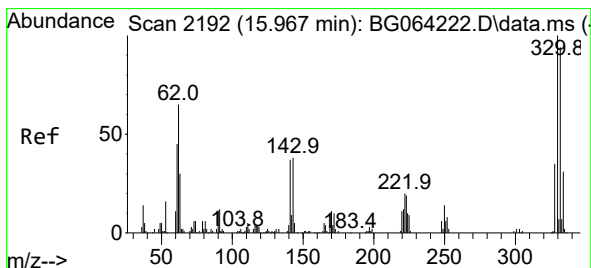
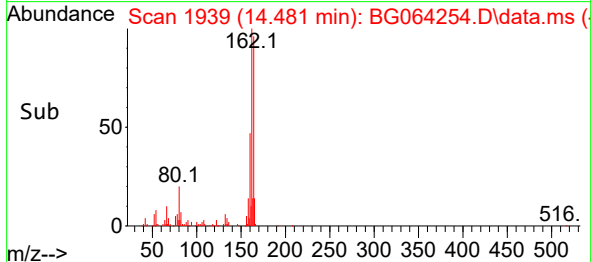
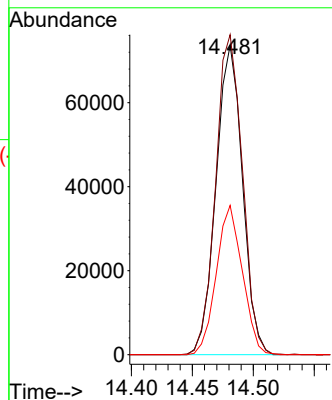
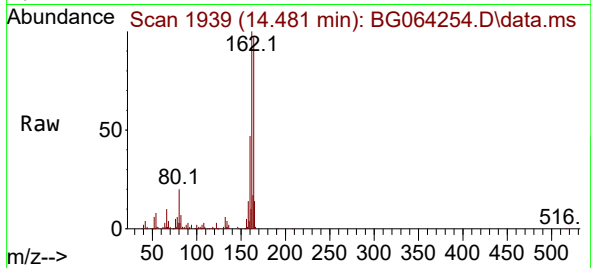




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

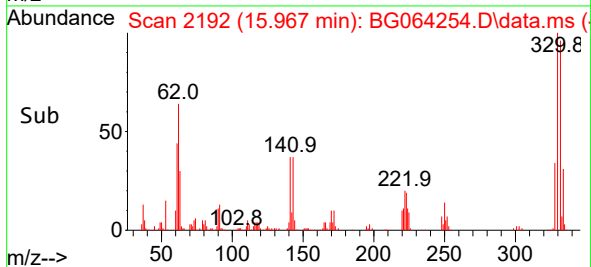
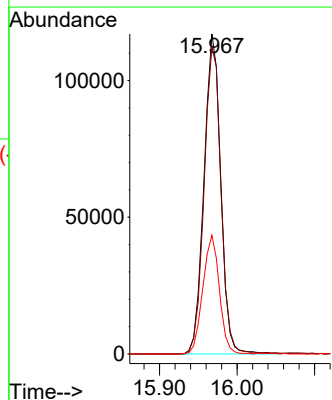
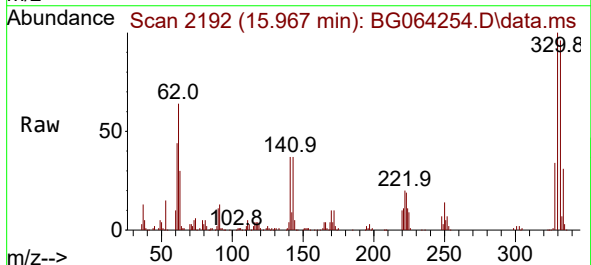
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

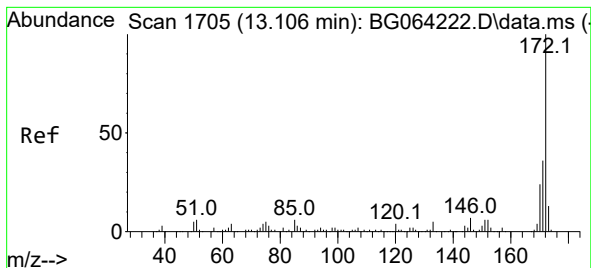
Tgt Ion:164 Resp: 111297
Ion Ratio Lower Upper
164 100
162 103.4 85.4 128.0
160 48.2 39.2 58.8



#42
2,4,6-Tribromophenol
Concen: 119.055 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion:330 Resp: 175508
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 36.5 29.8 44.6





#45

2-Fluorobiphenyl

Concen: 79.817 ng

RT: 13.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

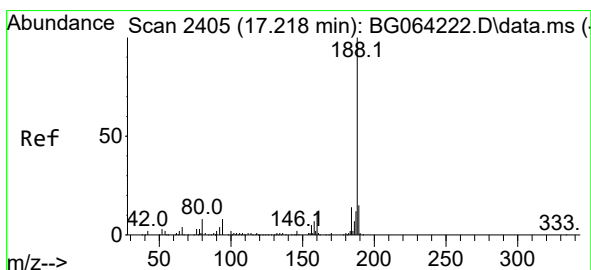
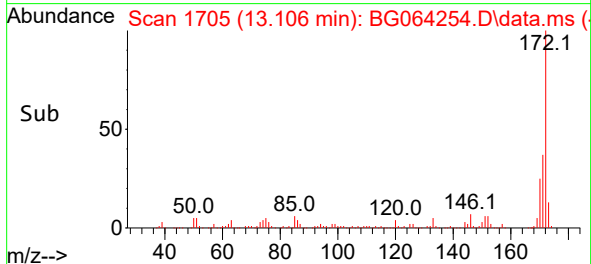
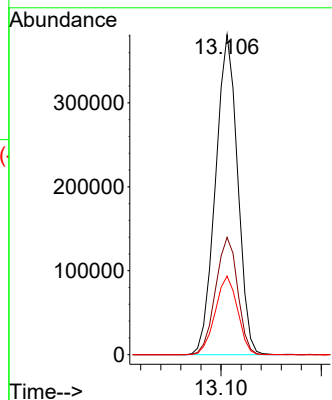
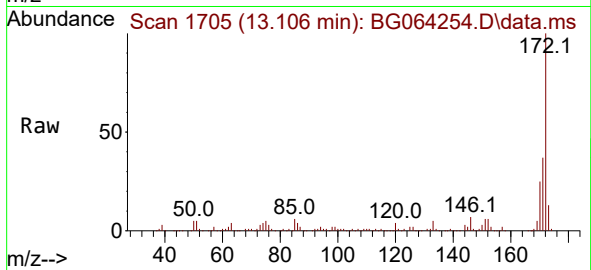
Tgt Ion:172 Resp: 581999

Ion Ratio Lower Upper

172 100

171 36.6 28.7 43.1

170 24.5 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.219 min Scan# 2405

Delta R.T. -0.006 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

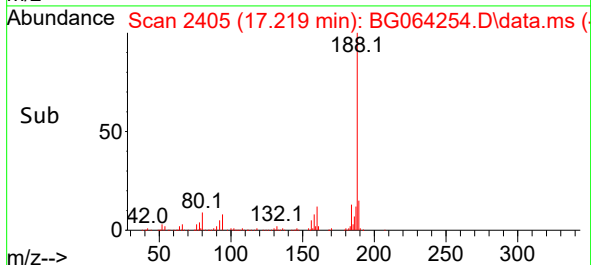
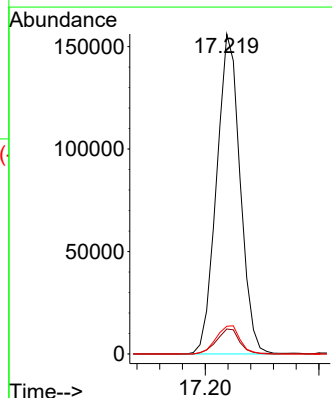
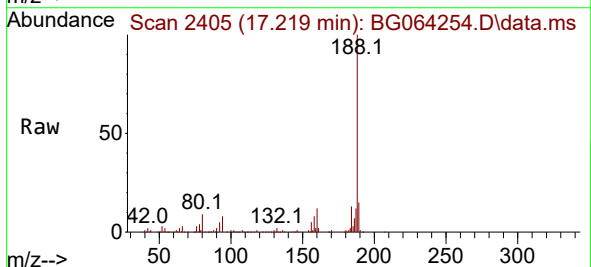
Tgt Ion:188 Resp: 224867

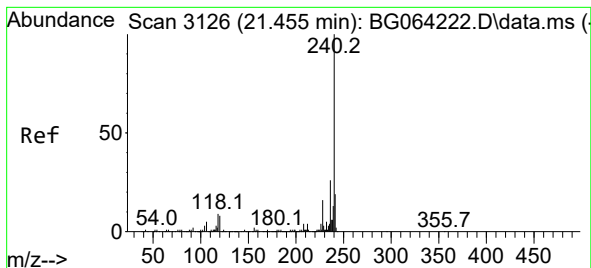
Ion Ratio Lower Upper

188 100

94 7.8 6.2 9.4

80 8.7 6.8 10.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.449 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

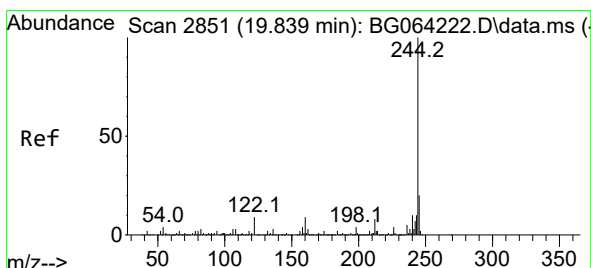
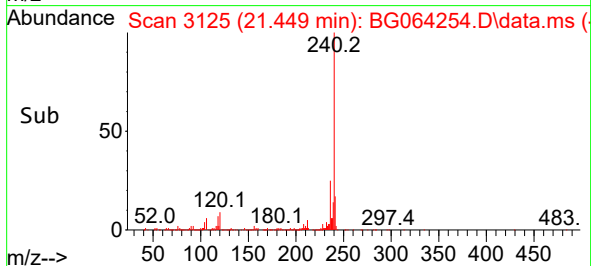
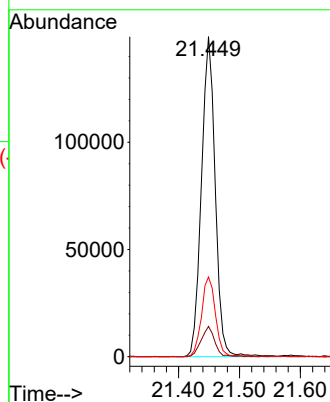
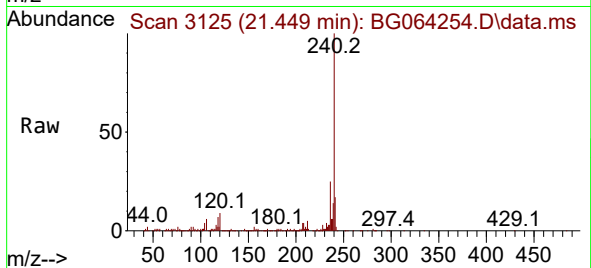
Tgt Ion:240 Resp: 233782

Ion Ratio Lower Upper

240 100

120 9.5 6.2 9.4#

236 24.9 20.5 30.7



#79

Terphenyl-d14

Concen: 79.293 ng

RT: 19.839 min Scan# 2851

Delta R.T. -0.006 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

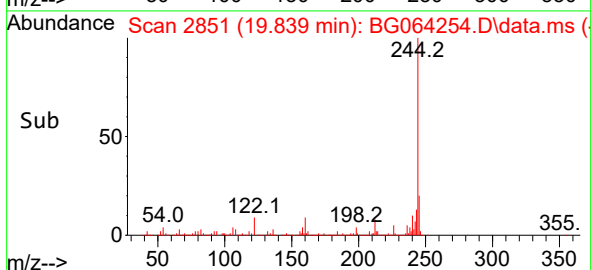
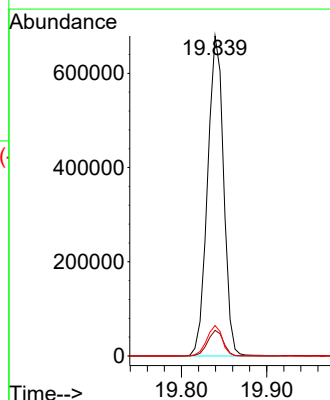
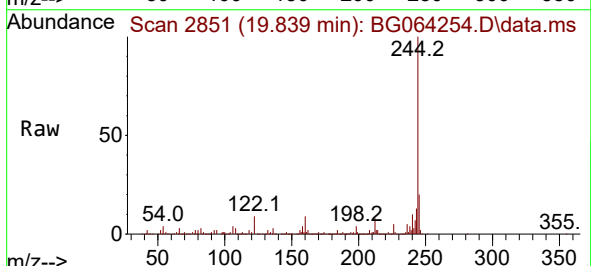
Tgt Ion:244 Resp: 888499

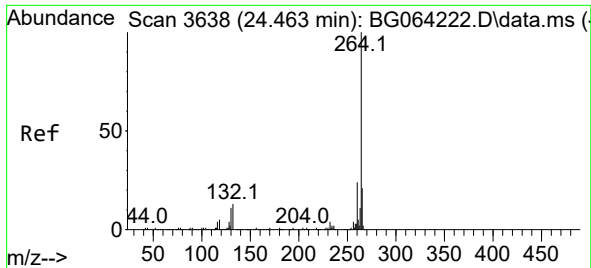
Ion Ratio Lower Upper

244 100

212 8.0 6.6 10.0

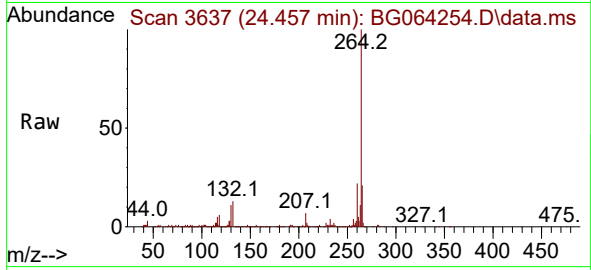
122 9.5 7.0 10.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.457 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG064254.D
 Acq: 3 Sep 2025 15:04

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025



Tgt Ion:264 Resp: 252122

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.9	28.3
265	20.5	16.7	25.1

