

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
 Data File : BG064526.D
 Acq On : 16 Oct 2025 21:44
 Operator : RC/JU
 Sample : Q3343-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-ROLLOFF-WC-1

Quant Time: Oct 17 10:48:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	15224	20.000	ng	0.00
21) Naphthalene-d8	10.606	136	58643	20.000	ng	# 0.00
39) Acenaphthene-d10	14.443	164	43967	20.000	ng	0.00
64) Phenanthrene-d10	17.187	188	110323	20.000	ng	# 0.00
76) Chrysene-d12	21.411	240	129928	20.000	ng	0.00
86) Perylene-d12	24.390	264	148451	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.412	112	100045	121.618	ng	0.00
7) Phenol-d6	6.993	99	110582	100.033	ng	0.00
23) Nitrobenzene-d5	8.967	82	102088	93.605	ng	0.00
42) 2,4,6-Tribromophenol	15.935	330	115493	144.916	ng	0.00
45) 2-Fluorobiphenyl	13.068	172	268659	90.068	ng	0.00
79) Terphenyl-d14	19.807	244	646918	94.228	ng	0.00

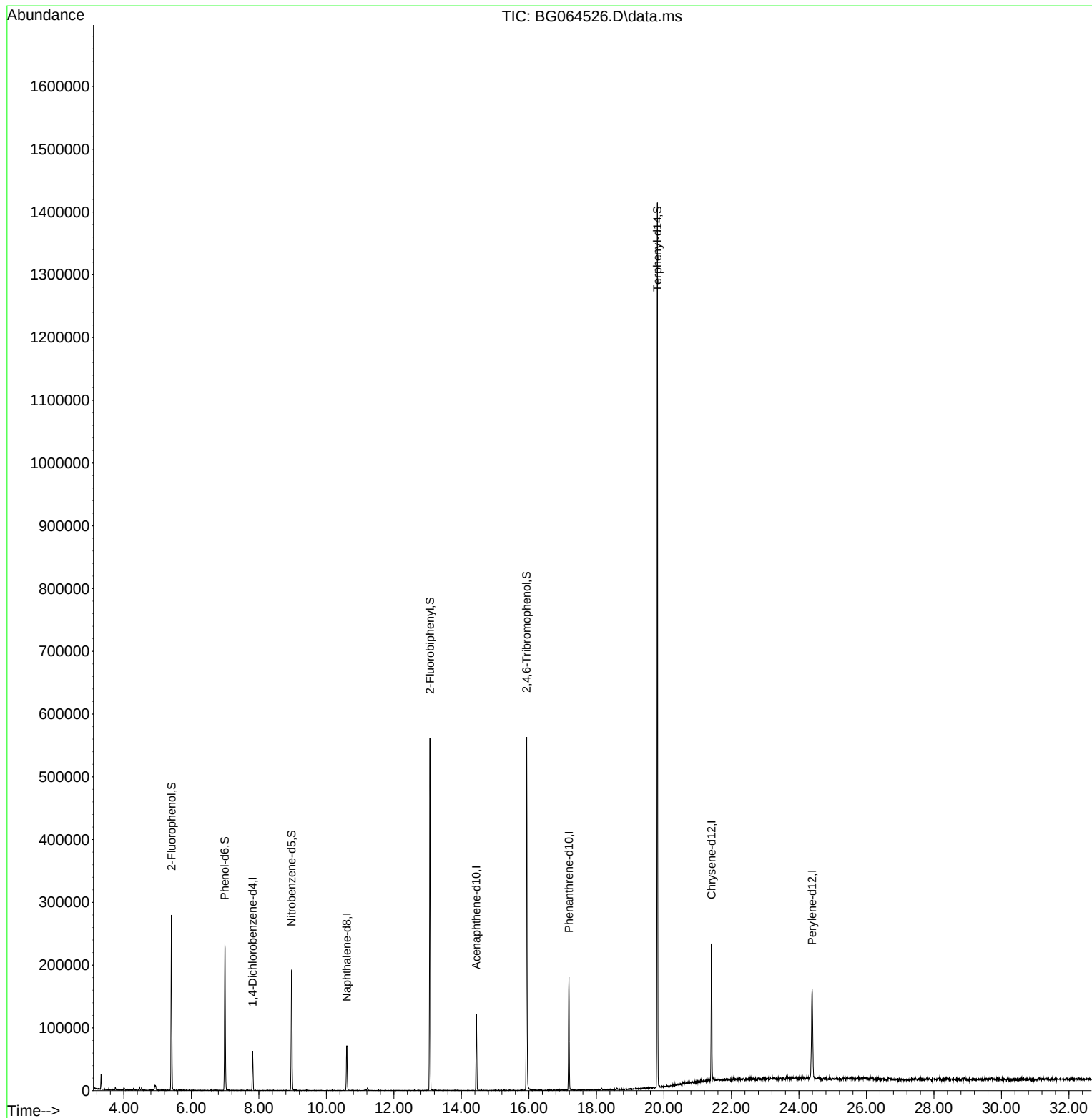
Target Compounds	Qvalue

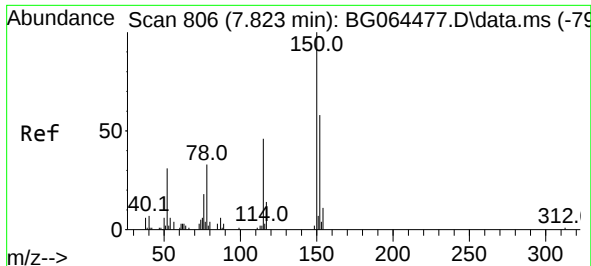
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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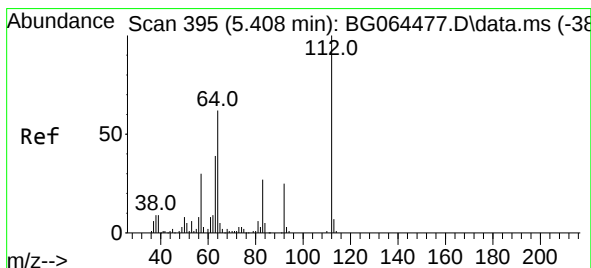
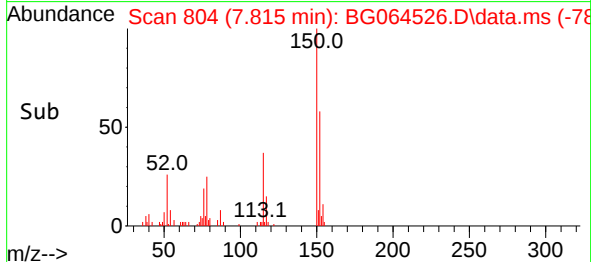
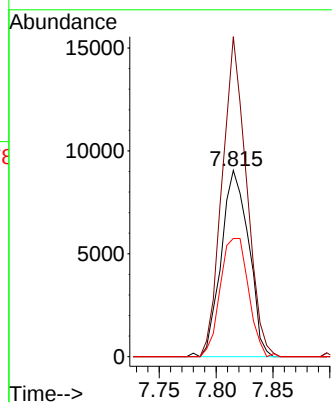
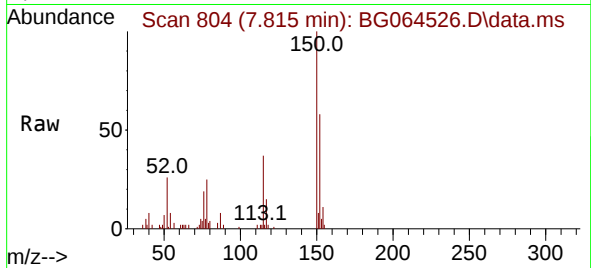




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.815 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

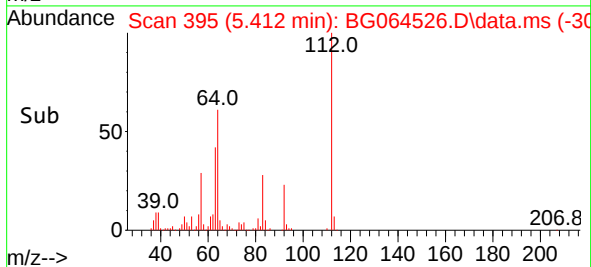
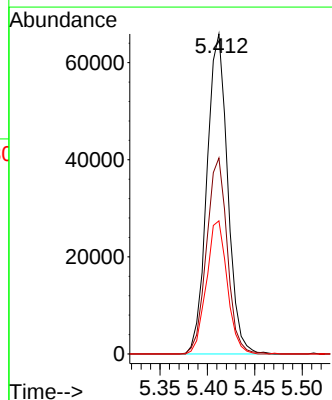
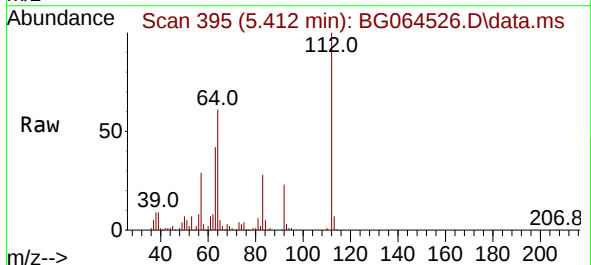
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1

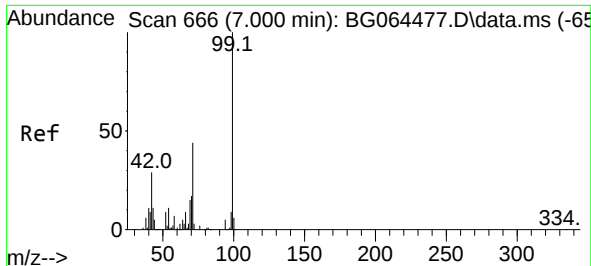
Tgt Ion:152 Resp: 15224
Ion Ratio Lower Upper
152 100
150 171.9 138.6 207.8
115 63.5 63.4 95.2



#5
2-Fluorophenol
Concen: 121.618 ng
RT: 5.412 min Scan# 395
Delta R.T. 0.006 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Tgt Ion:112 Resp: 100045
Ion Ratio Lower Upper
112 100
64 61.3 49.8 74.8
63 41.6 31.3 46.9

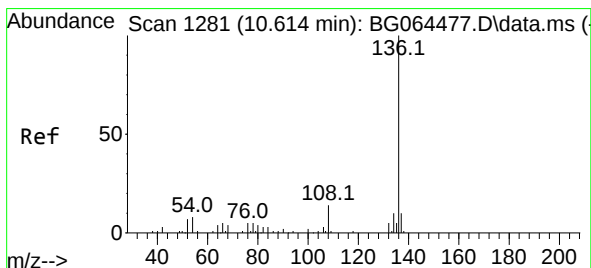
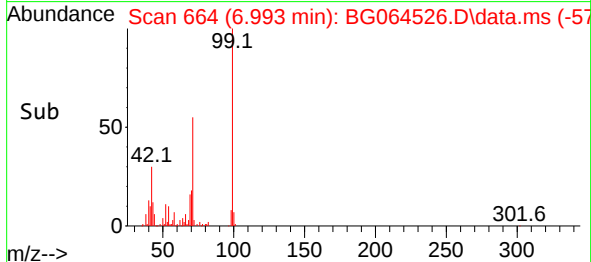
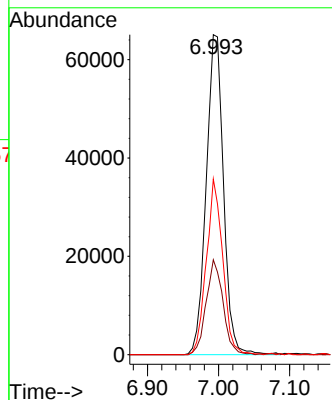
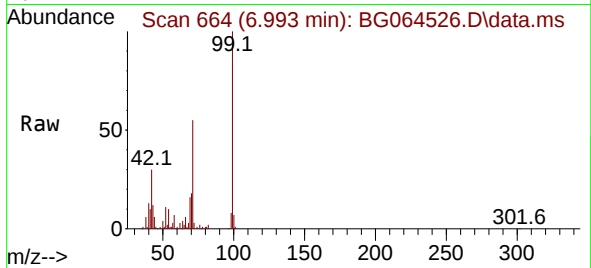




#7
Phenol-d6
Concen: 100.033 ng
RT: 6.993 min Scan# 60
Delta R.T. 0.006 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

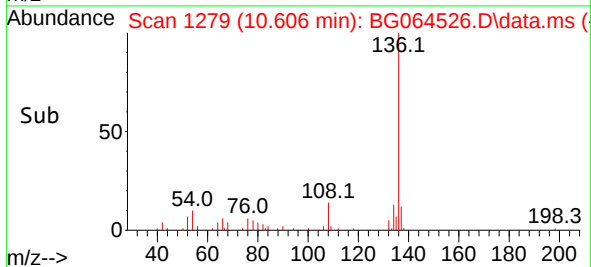
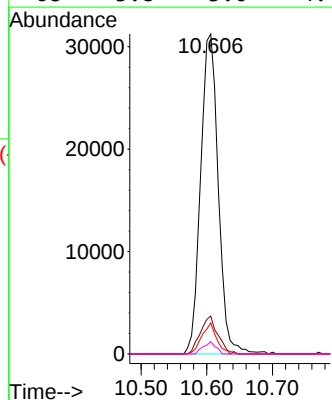
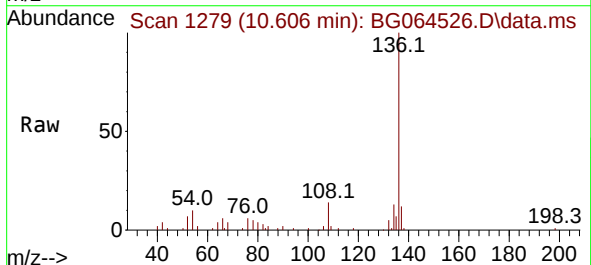
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1

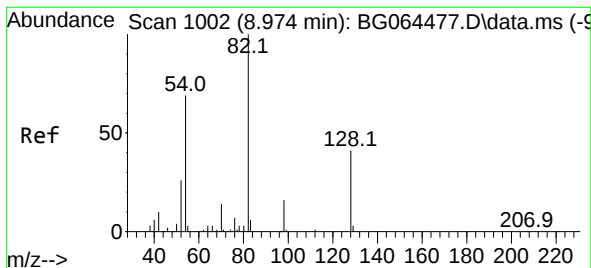
Tgt Ion: 99 Resp: 110582
Ion Ratio Lower Upper
99 100
42 29.7 22.9 34.3
71 54.9 35.4 53.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.606 min Scan# 1279
Delta R.T. 0.001 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Tgt Ion:136 Resp: 58643
Ion Ratio Lower Upper
136 100
137 11.9 8.3 12.5
54 9.7 6.2 9.4#
68 3.8 3.0 4.4





#23

Nitrobenzene-d5

Concen: 93.605 ng

RT: 8.967 min Scan# 1000

Delta R.T. 0.001 min

Lab File: BG064526.D

Acq: 16 Oct 2025 21:44

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1

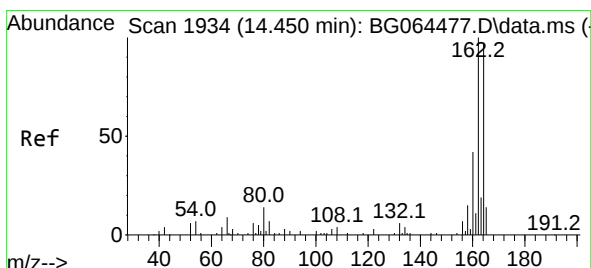
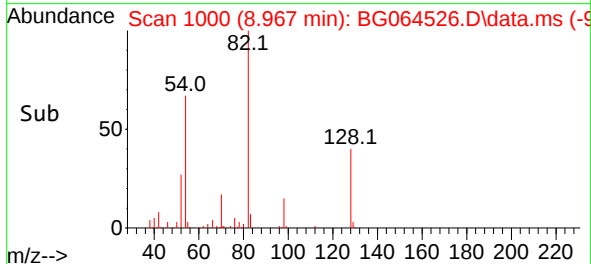
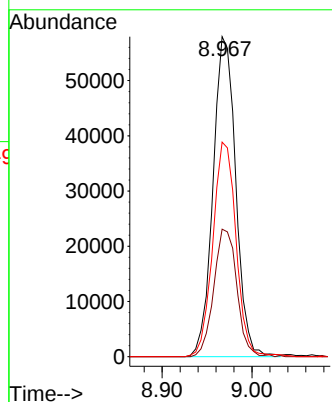
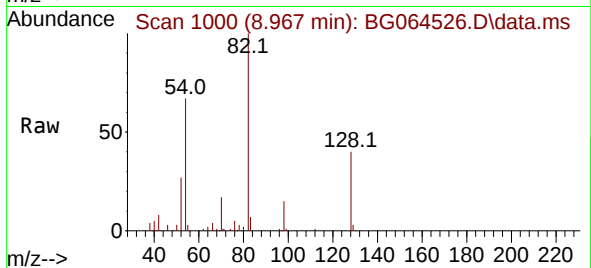
Tgt Ion: 82 Resp: 102088

Ion Ratio Lower Upper

82 100

128 39.9 33.1 49.7

54 67.0 55.4 83.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.443 min Scan# 1932

Delta R.T. -0.005 min

Lab File: BG064526.D

Acq: 16 Oct 2025 21:44

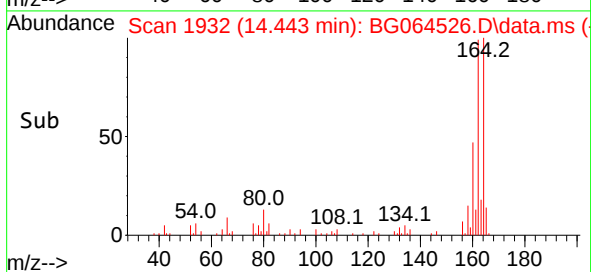
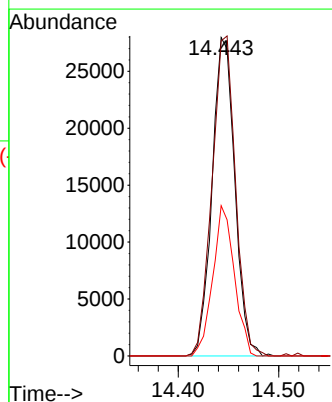
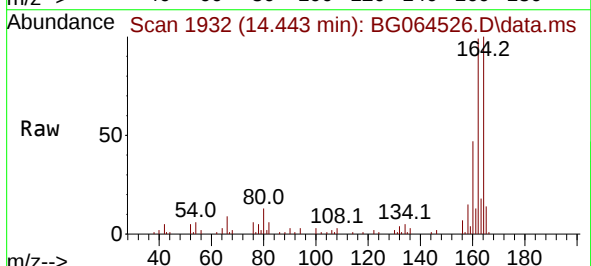
Tgt Ion: 164 Resp: 43967

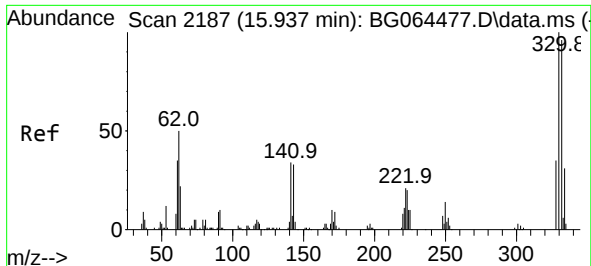
Ion Ratio Lower Upper

164 100

162 98.9 82.2 123.2

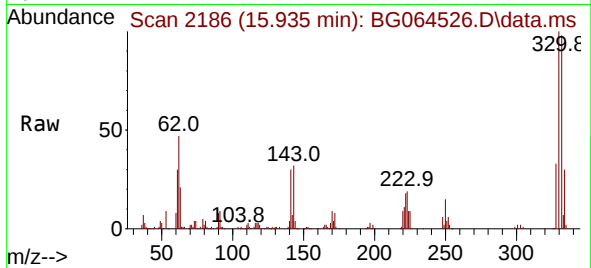
160 47.2 34.3 51.5



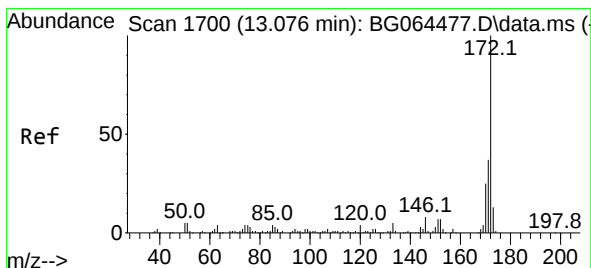
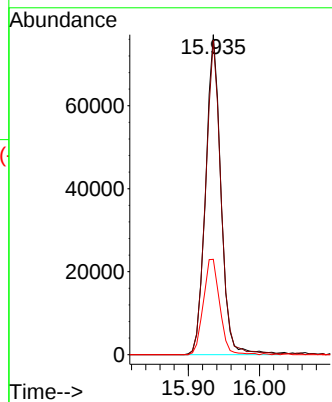
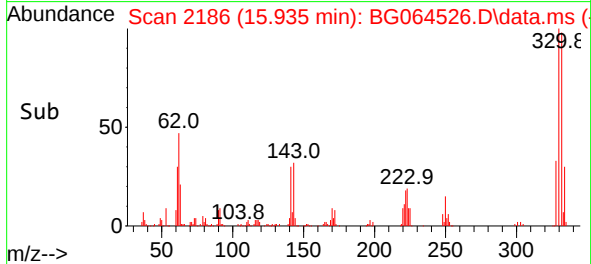


#42
2,4,6-Tribromophenol
Concen: 144.916 ng
RT: 15.935 min Scan# 2187
Delta R.T. 0.001 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Instrument :
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ClientSampleId :
SOIL-ROLLOFF-WC-1

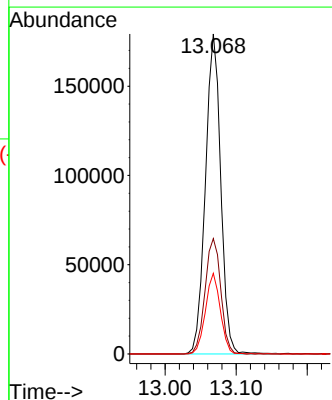
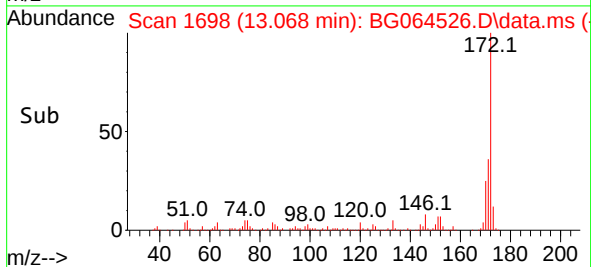
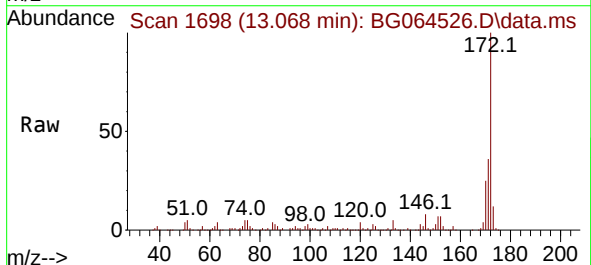


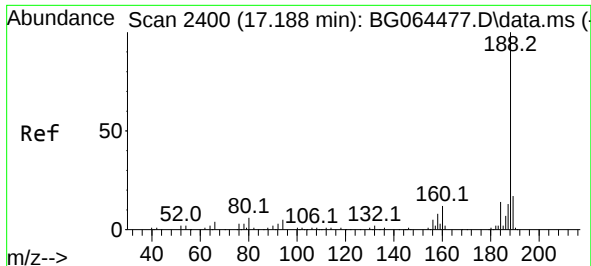
Tgt Ion:330 Resp: 115493
Ion Ratio Lower Upper
330 100
332 98.3 77.4 116.0
141 31.8 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 90.068 ng
RT: 13.068 min Scan# 1698
Delta R.T. 0.001 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Tgt Ion:172 Resp: 268659
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 25.2 20.2 30.2

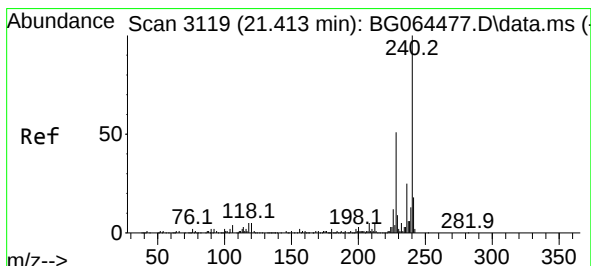
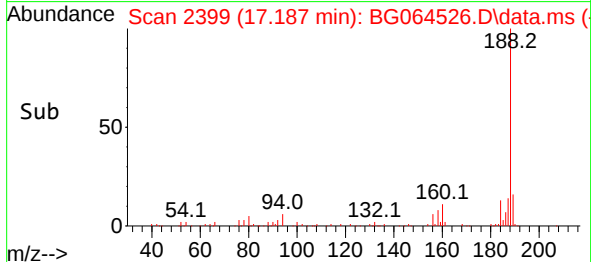
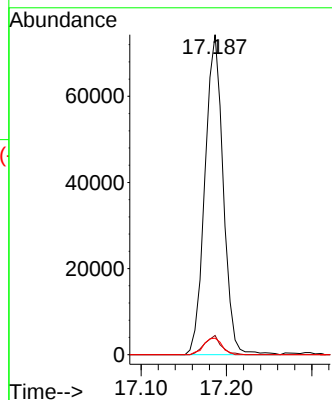
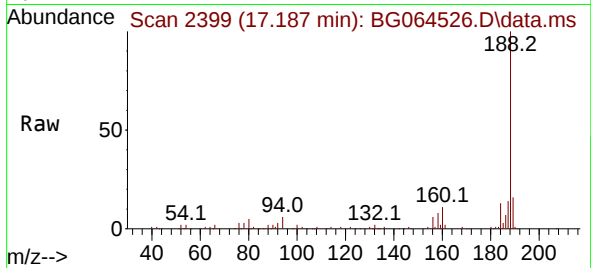




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.187 min Scan# 2118
Delta R.T. 0.001 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

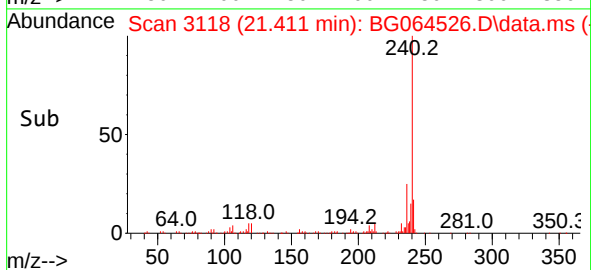
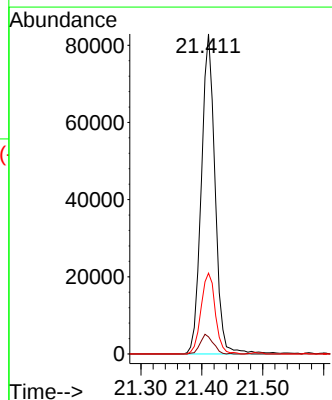
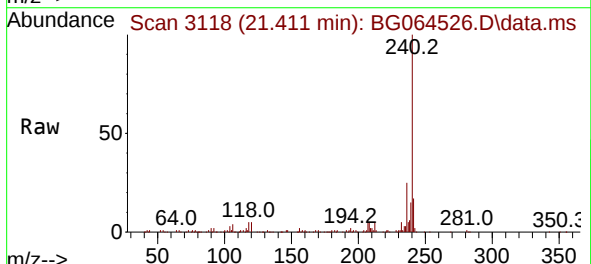
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1

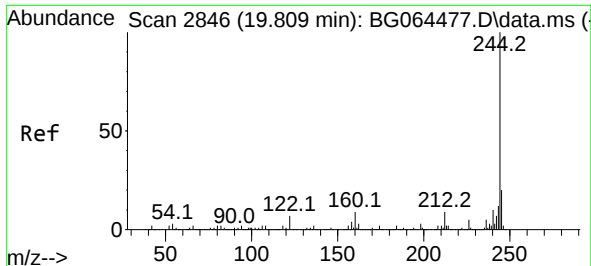
Tgt Ion:188 Resp: 110323
Ion Ratio Lower Upper
188 100
94 6.0 3.7 5.5#
80 5.2 4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.411 min Scan# 3118
Delta R.T. 0.001 min
Lab File: BG064526.D
Acq: 16 Oct 2025 21:44

Tgt Ion:240 Resp: 129928
Ion Ratio Lower Upper
240 100
120 5.4 4.3 6.5
236 25.3 20.4 30.6

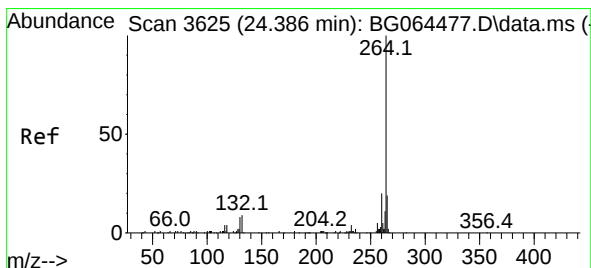
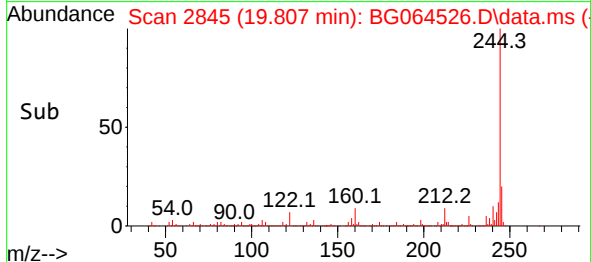
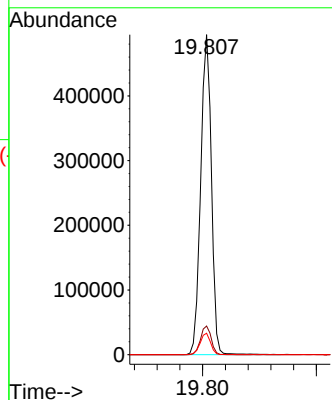
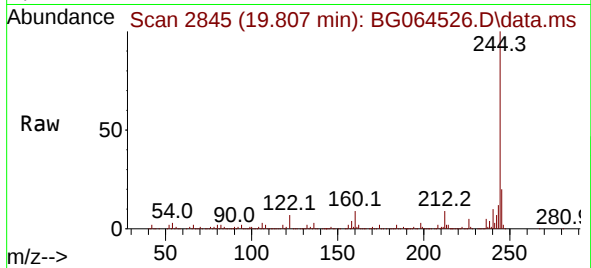




#79
 Terphenyl-d14
 Concen: 94.228 ng
 RT: 19.807 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG064526.D
 Acq: 16 Oct 2025 21:44

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-ROLLOFF-WC-1

Tgt Ion:244 Resp: 646918
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.0 10.6
 122 6.7 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.390 min Scan# 3625
 Delta R.T. 0.001 min
 Lab File: BG064526.D
 Acq: 16 Oct 2025 21:44

Tgt Ion:264 Resp: 148451
 Ion Ratio Lower Upper
 264 100
 260 24.7 16.2 24.4#
 265 23.0 15.0 22.4#

