

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021125\
 Data File : BN036421.D
 Acq On : 11 Feb 2025 12:48
 Operator : RC/JU
 Sample : Q1168-02
 Misc : LOQ-SOIL 0.1 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025

Quant Time: Feb 11 13:15:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.753	152	1858	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	4390	0.400	ng	0.01
13) Acenaphthene-d10	14.398	164	2832	0.400	ng	0.01
19) Phenanthrene-d10	17.136	188	6510	0.400	ng	# 0.00
29) Chrysene-d12	21.331	240	5830	0.400	ng	0.00
35) Perylene-d12	23.601	264	6148	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	1806	0.411	ng	0.00
5) Phenol-d6	6.930	99	1987	0.386	ng	0.00
8) Nitrobenzene-d5	8.907	82	1531	0.353	ng	0.00
11) 2-Methylnaphthalene-d10	12.141	152	4036	0.598	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	546	0.389	ng	0.01
15) 2-Fluorobiphenyl	13.019	172	3764	0.353	ng	0.00
27) Fluoranthene-d10	19.173	212	11095	0.613	ng	0.00
31) Terphenyl-d14	19.773	244	5249	0.422	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.268	88	258	0.127	ng	97
3) n-Nitrosodimethylamine	3.579	42	376	0.107	ng	# 97
6) bis(2-Chloroethyl)ether	7.175	93	547	0.102	ng	95
9) Naphthalene	10.594	128	1356	0.107	ng	# 86
10) Hexachlorobutadiene	10.882	225	357	0.116	ng	# 99
12) 2-Methylnaphthalene	12.217	142	876	0.105	ng	# 92
16) Acenaphthylene	14.109	152	1440	0.115	ng	100
17) Acenaphthene	14.452	154	931	0.111	ng	98
18) Fluorene	15.446	166	1328	0.112	ng	98
20) 4,6-Dinitro-2-methylph...	15.547	198	108	0.085	ng	# 13
21) 4-Bromophenyl-phenylether	16.342	248	437	0.113	ng	91
22) Hexachlorobenzene	16.453	284	576	0.120	ng	96
23) Atrazine	16.615	200	395	0.122	ng	# 79
24) Pentachlorophenol	16.813	266	126	0.055	ng	98
25) Phenanthrene	17.186	178	2219	0.118	ng	97
26) Anthracene	17.273	178	1924	0.116	ng	99
28) Fluoranthene	19.201	202	2713	0.117	ng	97
30) Pyrene	19.564	202	2738	0.122	ng	97
32) Benzo(a)anthracene	21.313	228	2299	0.120	ng	96
33) Chrysene	21.366	228	2742	0.132	ng	97
34) Bis(2-ethylhexyl)phtha...	21.241	149	1449	0.121	ng	99
36) Indeno(1,2,3-cd)pyrene	25.905	276	2754	0.128	ng	97
37) Benzo(b)fluoranthene	22.917	252	2485	0.123	ng	# 69
38) Benzo(k)fluoranthene	22.964	252	2472	0.119	ng	# 70
39) Benzo(a)pyrene	23.502	252	2156	0.122	ng	# 56
40) Dibenzo(a,h)anthracene	25.925	278	2070	0.122	ng	# 74
41) Benzo(g,h,i)perylene	26.609	276	2419	0.126	ng	# 90

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

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Abundance

TIC: BN036421.D\data.ms

Time-->

10000

9500

9000

8500

8000

7500

7000

6500

6000

5500

5000

4500

4000

3500

3000

2500

2000

1500

1000

500

0

4.00

6.00

8.00

10.00

12.00

14.00

16.00

18.00

20.00

22.00

24.00

26.00

28.00

1,4-Dioxane

n-Nitrosodimethylamine

2-Fluorophenol.S

bis(2-Chloroethyl)ether

Phenol-d6.S

1,4-Dichlorobenzene-d4.I

Nitrobenzene-d5.S

Naphthalene-d8.I

Hexachlorobutadiene

2-Methylnaphthalene-d10.SURR

2-Fluorobiphenyl.S

Acenaphthylene

Acenaphthene

Fluorene

4,6-Dinitro-2-methylphenol

2,4,6-Tribromophenol.S

Hexafluoroisopropylphenylether

Alkylphenol

Pentachlorophenol

Phenanthrene

Phenanthrene-d10.I

Fluoranthene

Pyrene

Terphenyl-d14.S

Bis(2-ethylhexyl)phthalate

Chrysene

Benzo(a)anthracene

Chrysene-d12.I

Benzo(a)pyrene

Benzo(a)pyrene.C

Benzo(a)pyrene-d12.I

Indeno(1,2,3-cd)pyrene

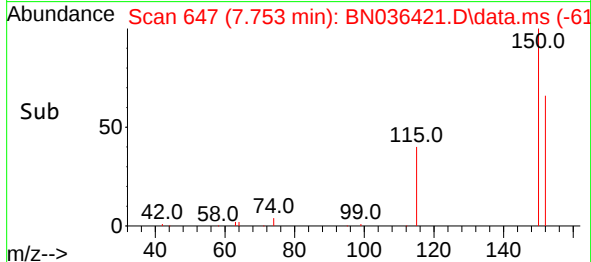
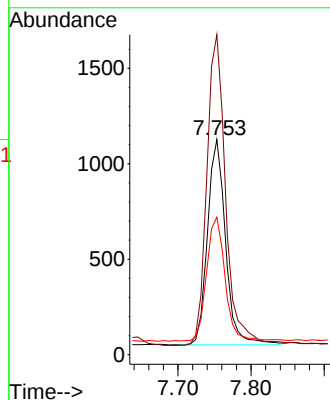
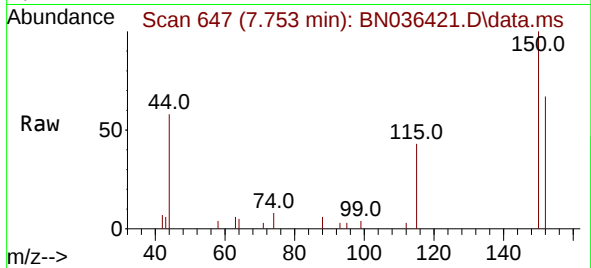
Benzo(g,h,i)perylene



#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.753 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036421.D
 Acq: 11 Feb 2025 12:48

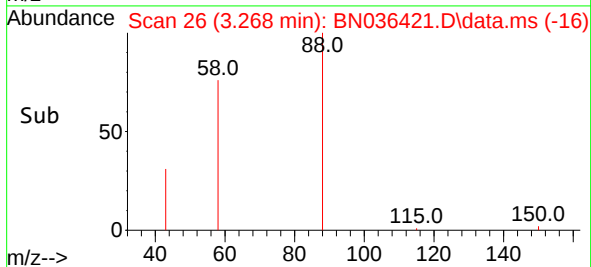
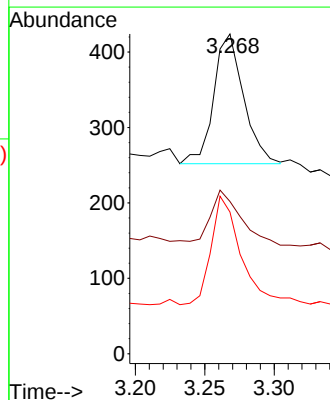
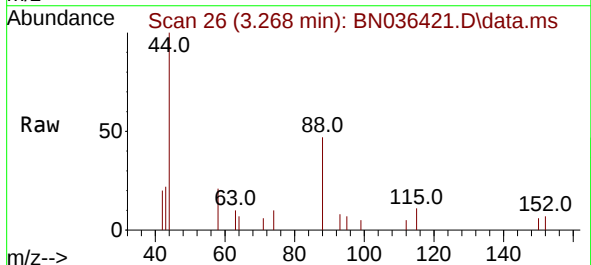
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT1-2025

Tgt Ion:152 Resp: 1858
 Ion Ratio Lower Upper
 152 100
 150 148.7 123.7 185.5
 115 64.0 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.127 ng
 RT: 3.268 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: BN036421.D
 Acq: 11 Feb 2025 12:48

Tgt Ion: 88 Resp: 258
 Ion Ratio Lower Upper
 88 100
 43 42.6 33.7 50.5
 58 82.6 68.9 103.3

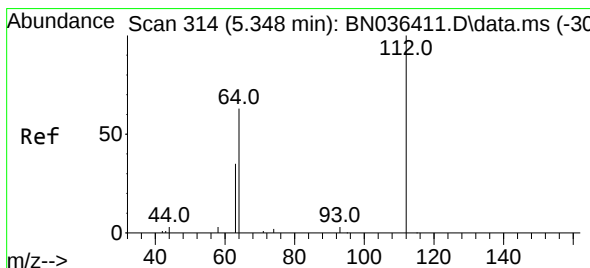
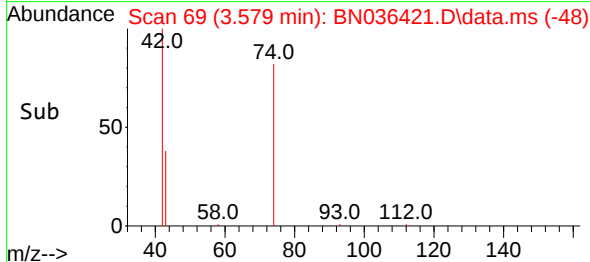
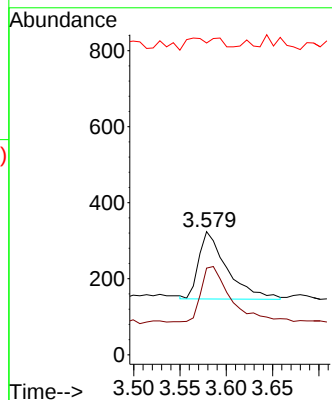
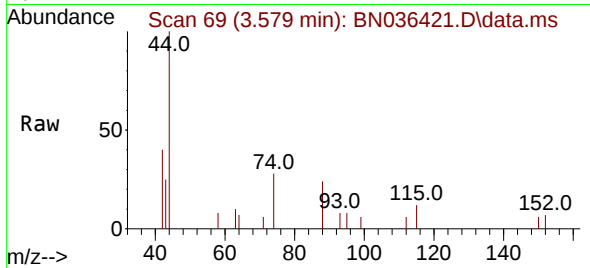




#3
n-Nitrosodimethylamine
Concen: 0.107 ng
RT: 3.579 min Scan# 69
Delta R.T. -0.000 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

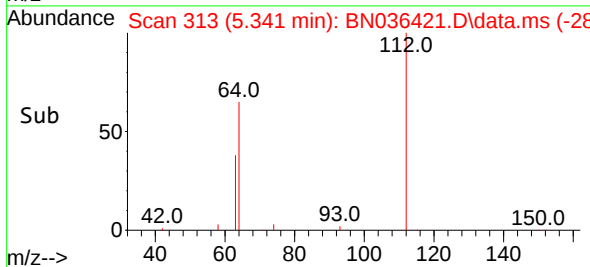
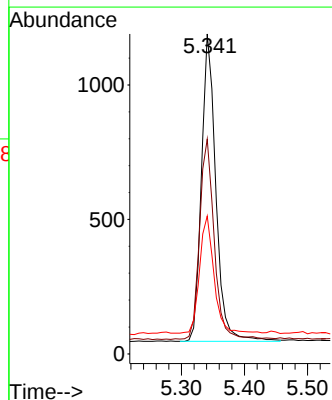
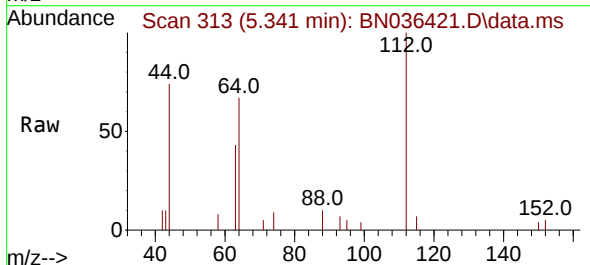
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Tgt Ion: 42 Resp: 376
Ion Ratio Lower Upper
42 100
74 89.1 71.8 107.6
44 0.0 7.8 11.6#



#4
2-Fluorophenol
Concen: 0.411 ng
RT: 5.341 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

Tgt Ion: 112 Resp: 1806
Ion Ratio Lower Upper
112 100
64 66.6 53.4 80.0
63 38.2 30.3 45.5

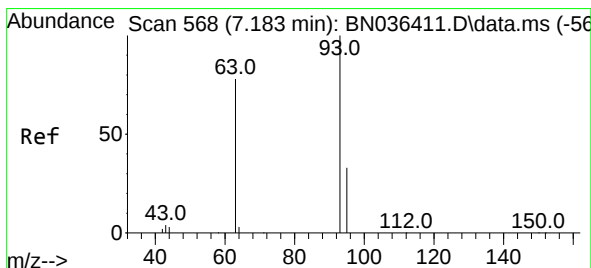
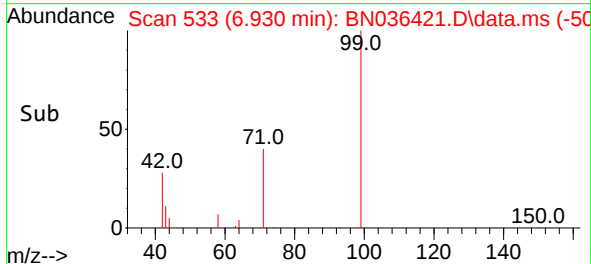
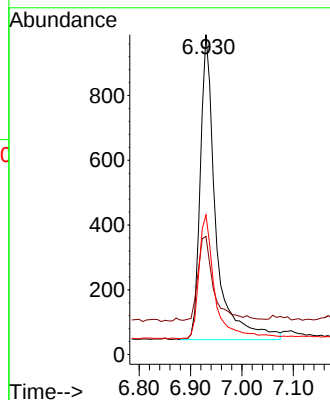
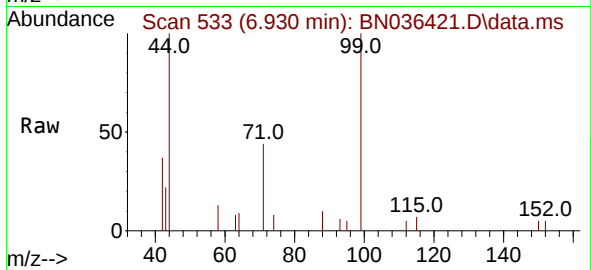




#5
Phenol-d6
Concen: 0.386 ng
RT: 6.930 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

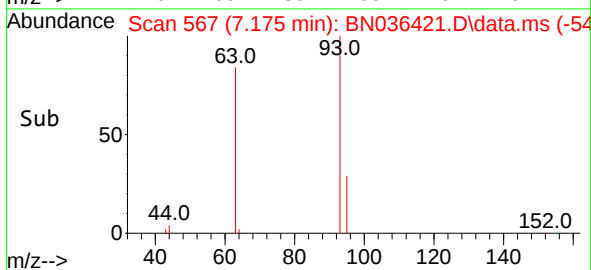
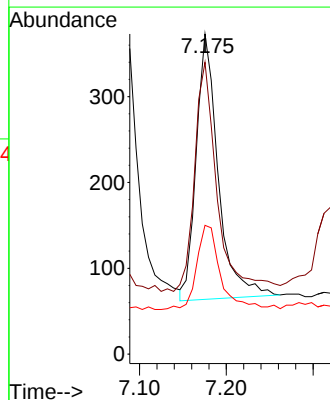
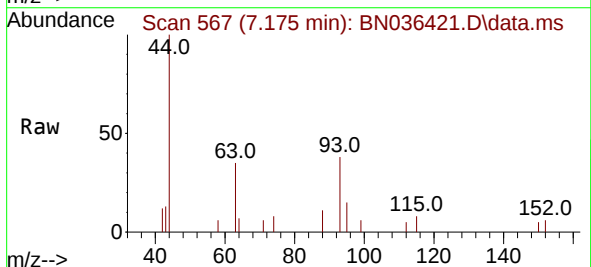
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Tgt Ion:	99	Resp:	1987
Ion	Ratio	Lower	Upper
99	100		
42	27.5	21.7	32.5
71	41.9	32.6	49.0



#6
bis(2-Chloroethyl)ether
Concen: 0.102 ng
RT: 7.175 min Scan# 567
Delta R.T. -0.007 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

Tgt Ion:	93	Resp:	547
Ion	Ratio	Lower	Upper
93	100		
63	88.5	66.3	99.5
95	34.0	26.2	39.4

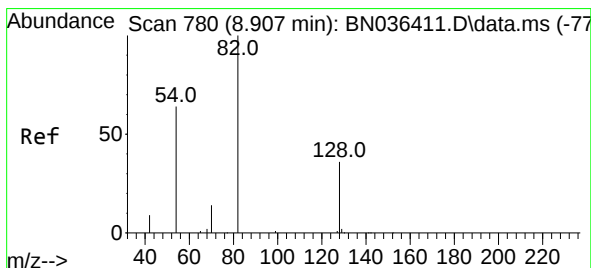
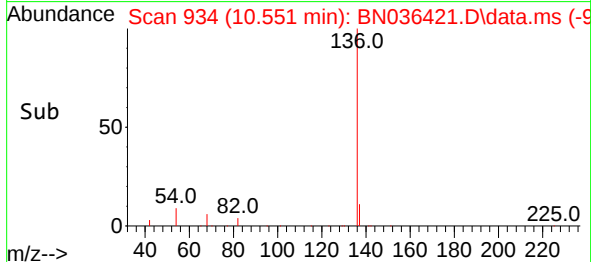
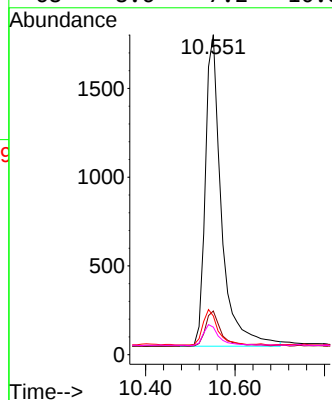
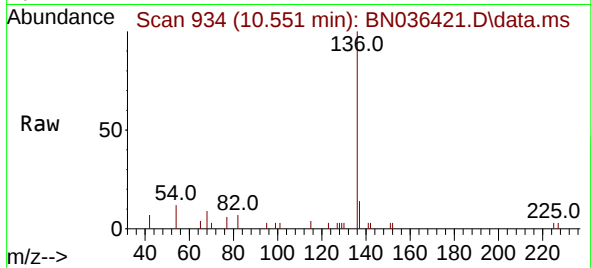




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.551 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

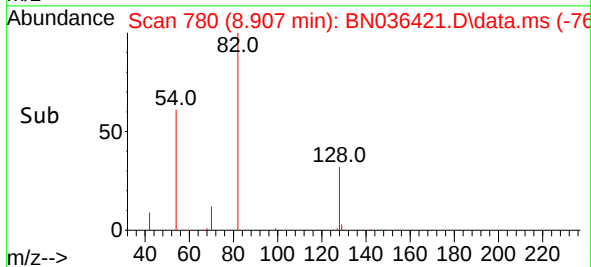
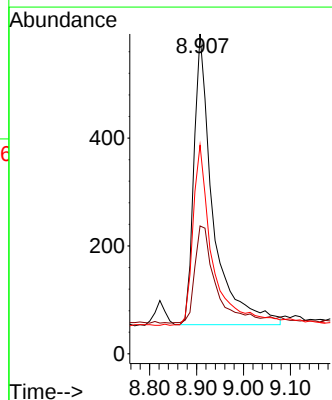
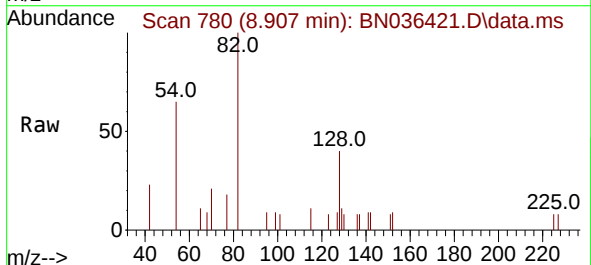
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2025

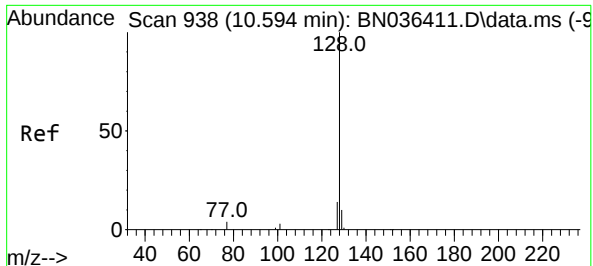
Tgt Ion:	136	Resp:	4390
Ion	Ratio	Lower	Upper
136	100		
137	13.6	10.1	15.1
54	12.1	11.8	17.6
68	8.6	7.2	10.8



#8
Nitrobenzene-d5
Concen: 0.353 ng
RT: 8.907 min Scan# 780
Delta R.T. -0.000 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

Tgt Ion:	82	Resp:	1531
Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.9	47.9
54	65.3	53.1	79.7

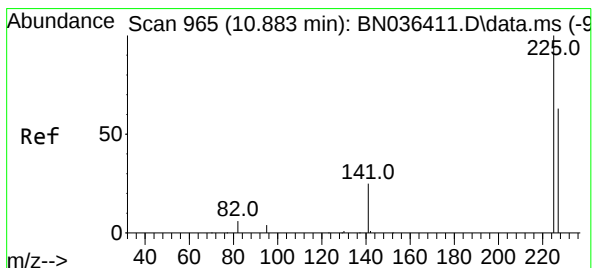
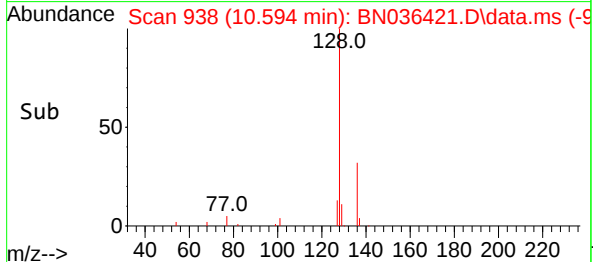
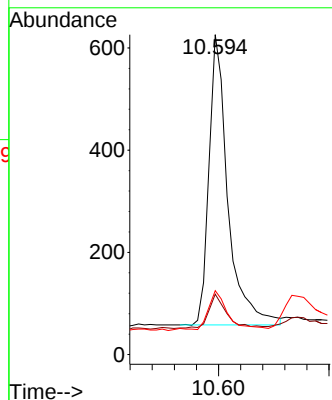
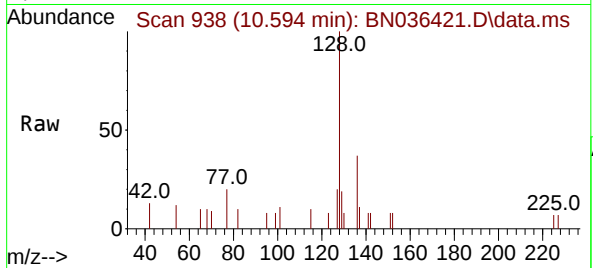




#9
Naphthalene
Concen: 0.107 ng
RT: 10.594 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

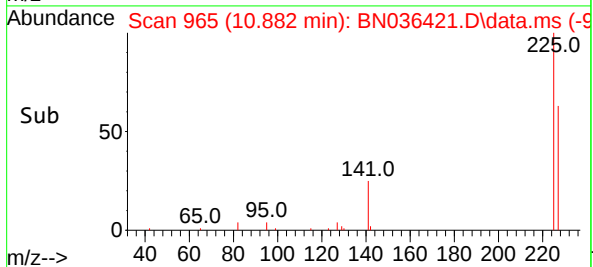
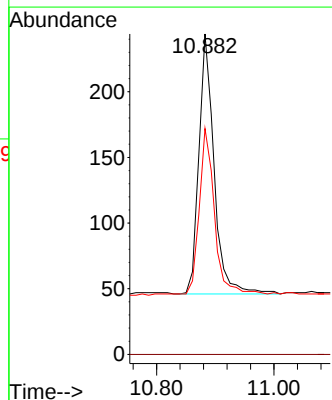
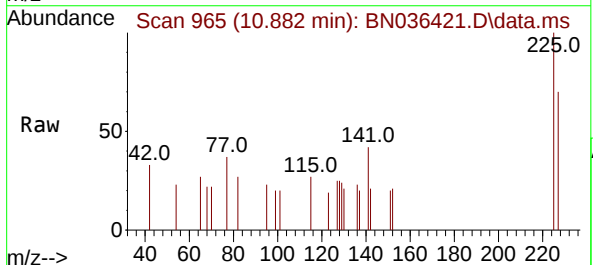
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Tgt Ion:128 Resp: 1356
Ion Ratio Lower Upper
128 100
129 18.8 9.6 14.4#
127 20.0 12.0 18.0#



#10
Hexachlorobutadiene
Concen: 0.116 ng
RT: 10.882 min Scan# 965
Delta R.T. -0.000 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

Tgt Ion:225 Resp: 357
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 62.7 50.9 76.3

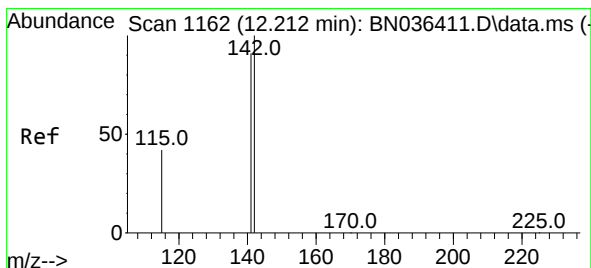
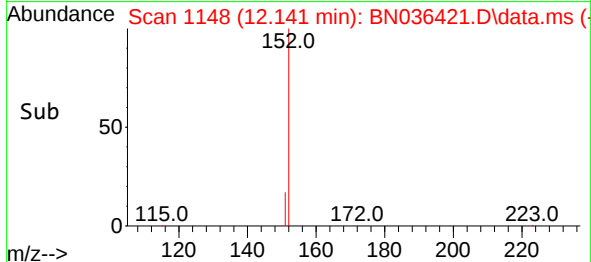
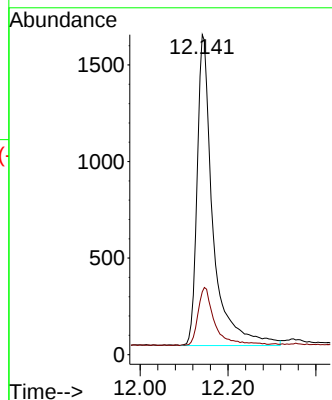
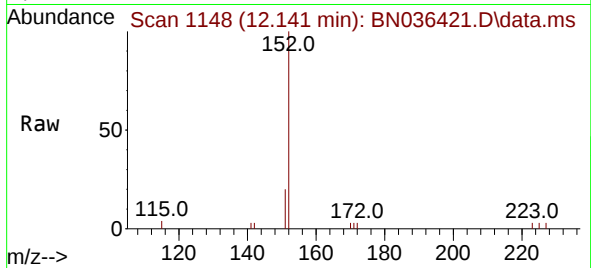




#11
2-Methylnaphthalene-d10
Concen: 0.598 ng
RT: 12.141 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

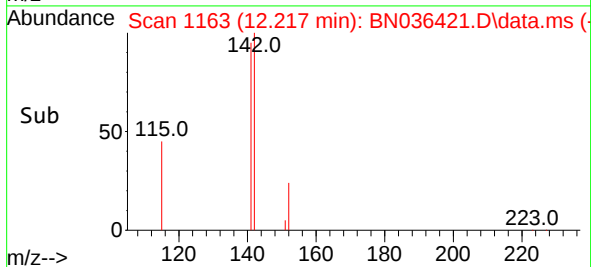
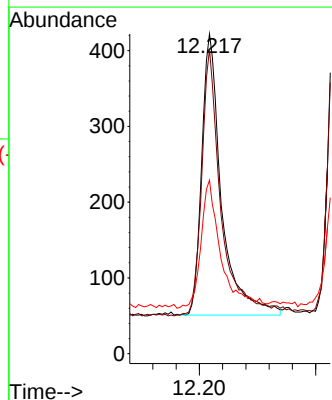
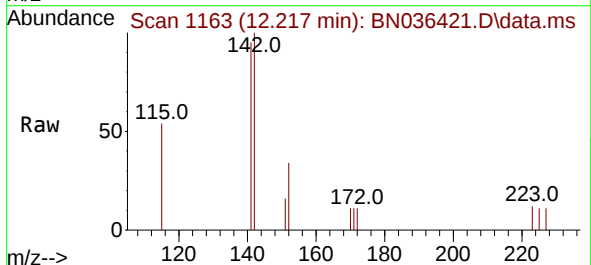
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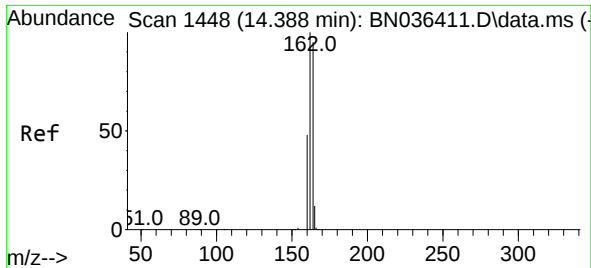
Tgt Ion:152 Resp: 4036
Ion Ratio Lower Upper
152 100
151 19.7 16.6 25.0



#12
2-Methylnaphthalene
Concen: 0.105 ng
RT: 12.217 min Scan# 1163
Delta R.T. 0.005 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

Tgt Ion:142 Resp: 876
Ion Ratio Lower Upper
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141 95.3 72.8 109.2
115 54.3 35.5 53.3#

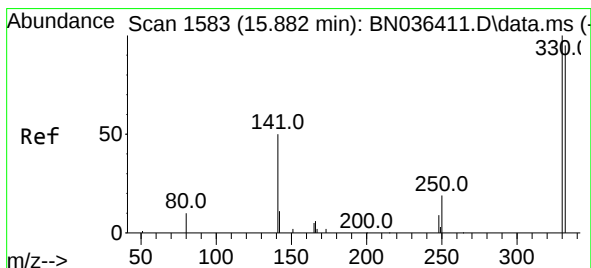
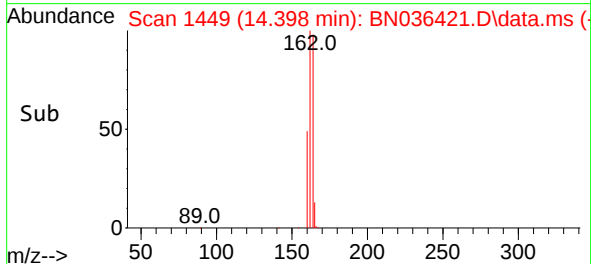
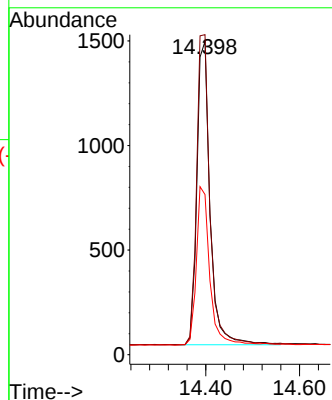
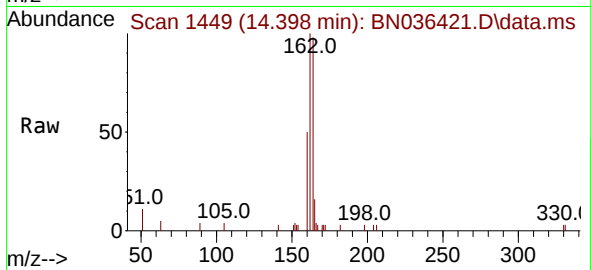




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.398 min Scan# 1448
Delta R.T. 0.011 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

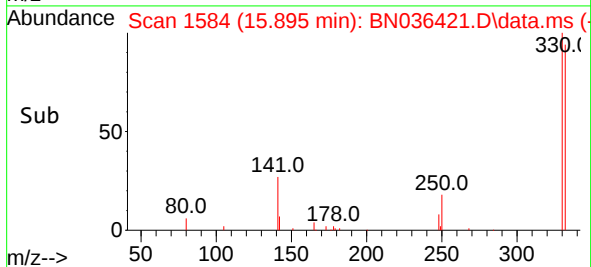
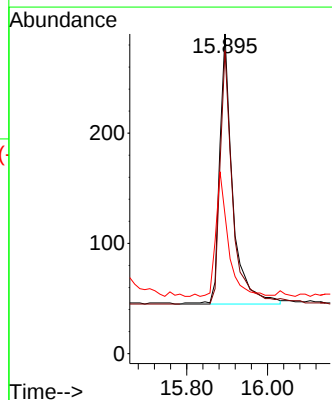
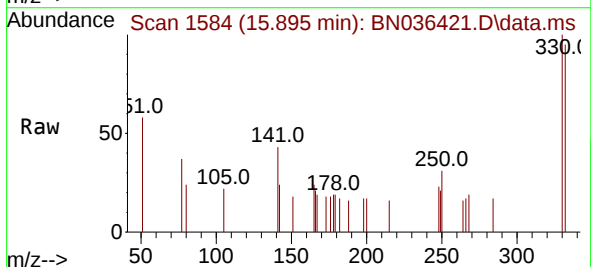
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2025

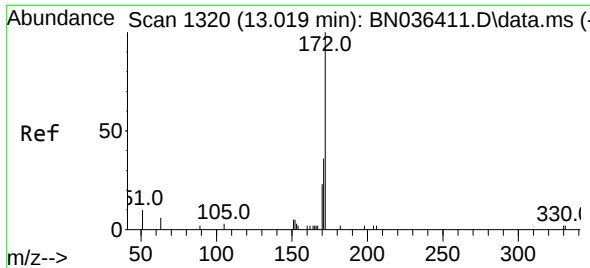
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Ion Ratio Lower Upper
164 100
162 102.1 84.1 126.1
160 51.1 41.4 62.0



#14
2,4,6-Tribromophenol
Concen: 0.389 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.012 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

Tgt Ion:330 Resp: 546
Ion Ratio Lower Upper
330 100
332 91.6 76.6 114.8
141 43.8 37.8 56.8

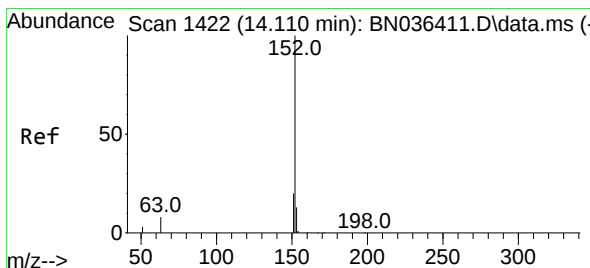
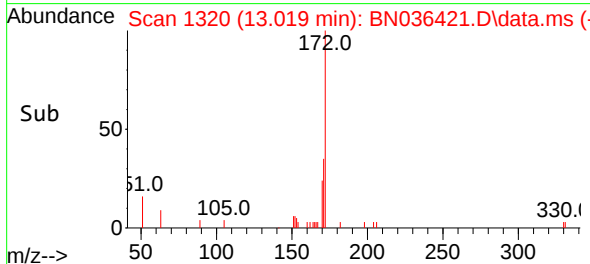
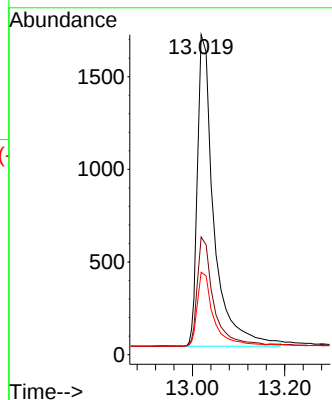
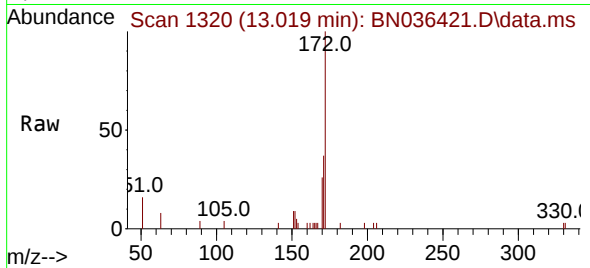




#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.019 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

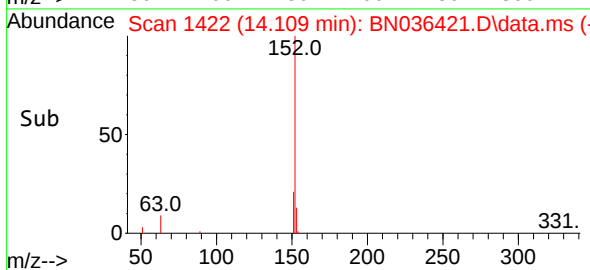
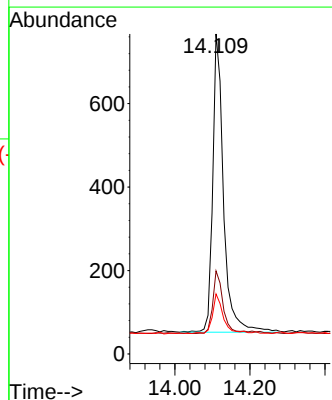
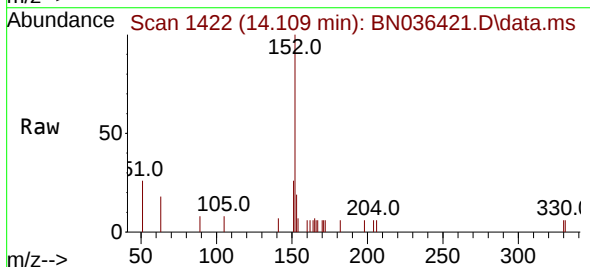
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2025

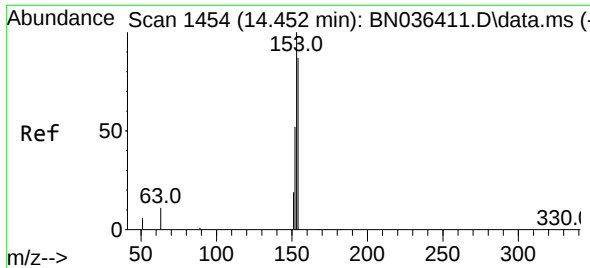
Tgt Ion:172	Resp:	3764
Ion Ratio	Lower	Upper
172	100	
171	36.8	29.6 44.4
170	25.8	19.8 29.6



#16
Acenaphthylene
Concen: 0.115 ng
RT: 14.109 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

Tgt Ion:152	Resp:	1440
Ion Ratio	Lower	Upper
152	100	
151	19.9	15.8 23.8
153	13.0	10.2 15.2

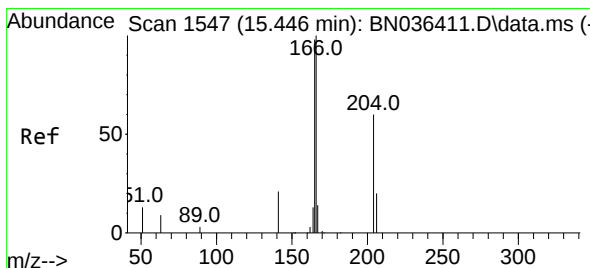
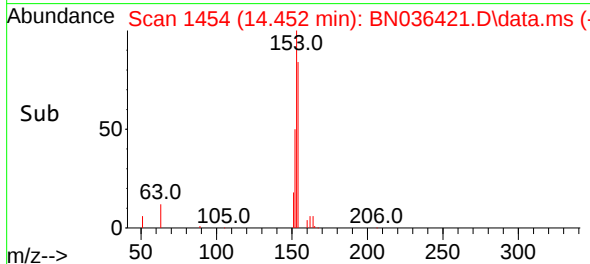
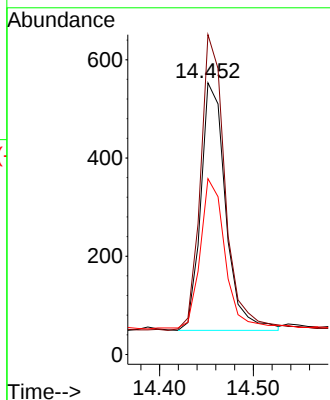
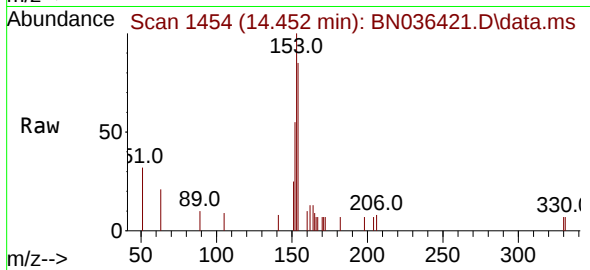




#17
Acenaphthene
Concen: 0.111 ng
RT: 14.452 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

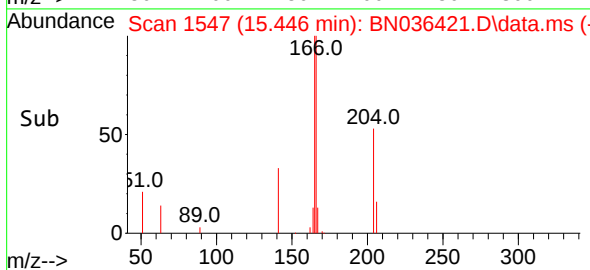
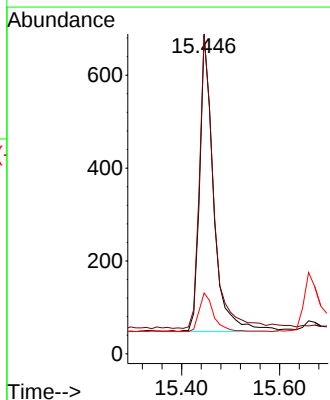
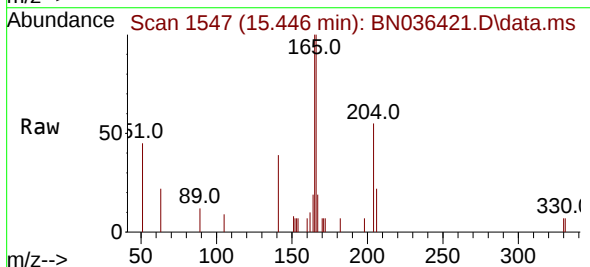
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2025

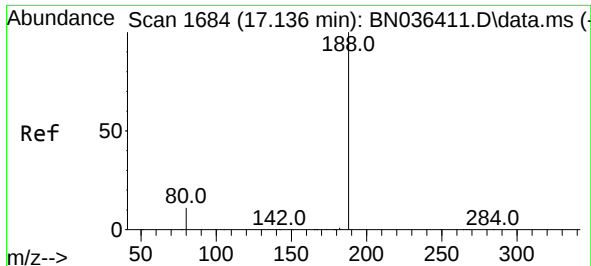
Tgt Ion:154 Resp: 931
Ion Ratio Lower Upper
154 100
153 119.5 93.3 139.9
152 61.8 48.8 73.2



#18
Fluorene
Concen: 0.112 ng
RT: 15.446 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

Tgt Ion:166 Resp: 1328
Ion Ratio Lower Upper
166 100
165 101.4 79.5 119.3
167 13.5 10.4 15.6

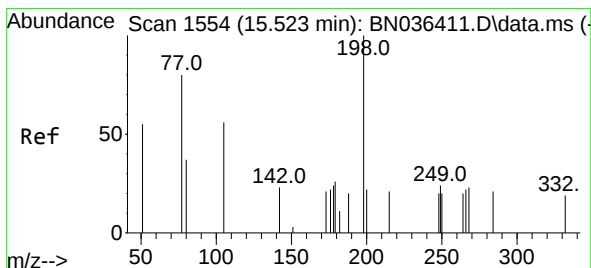
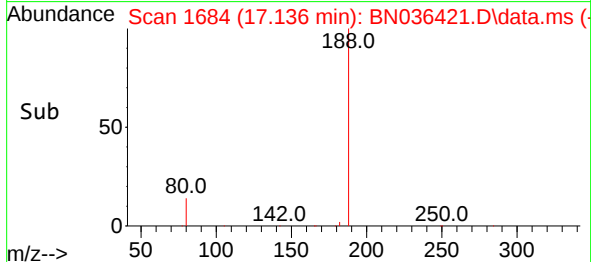
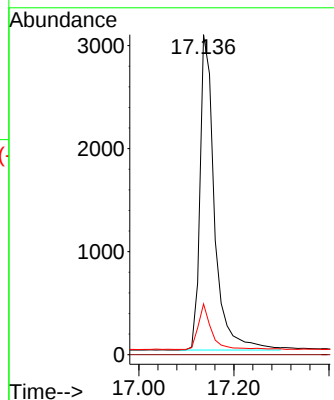
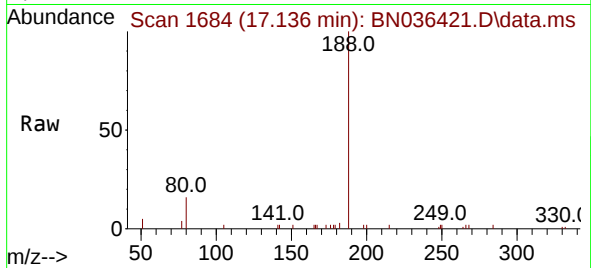




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

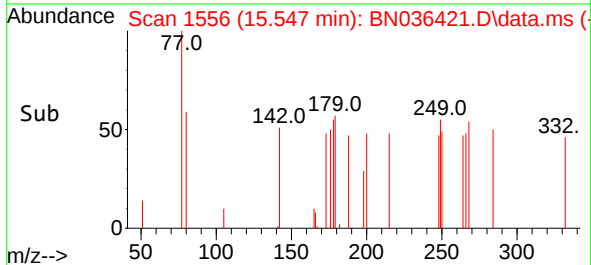
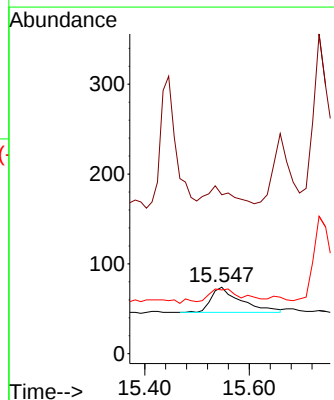
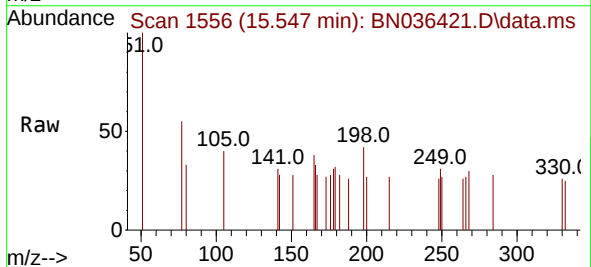
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2025

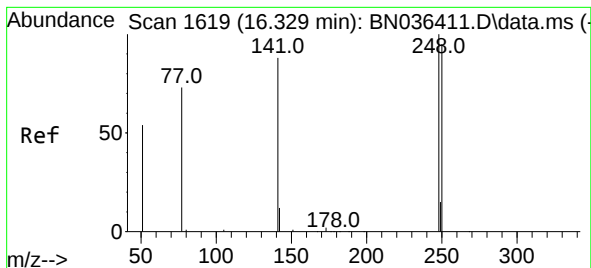
Tgt Ion:188 Resp: 6510
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.9 9.8 14.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.085 ng
RT: 15.547 min Scan# 1556
Delta R.T. 0.024 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

Tgt Ion:198 Resp: 108
Ion Ratio Lower Upper
198 100
51 239.2 86.6 129.8#
105 95.9 57.5 86.3#

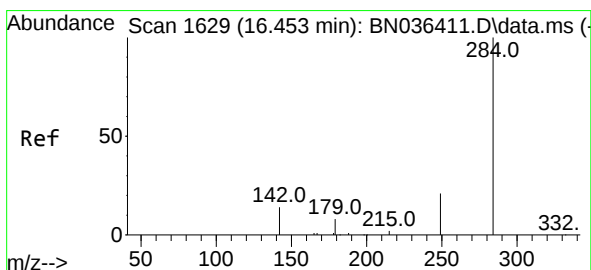
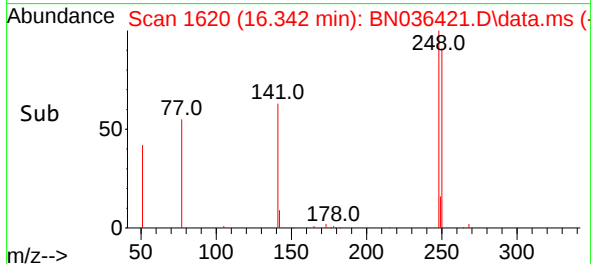
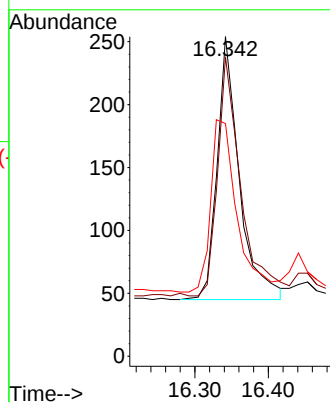
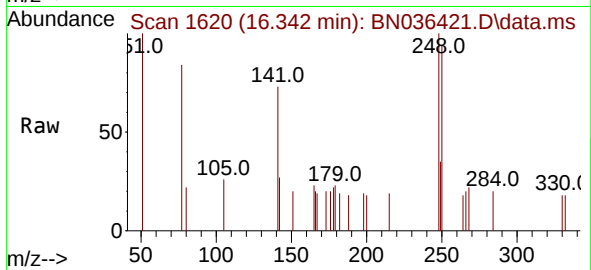




#21
4-Bromophenyl-phenylether
Concen: 0.113 ng
RT: 16.342 min Scan# 1620
Delta R.T. 0.012 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

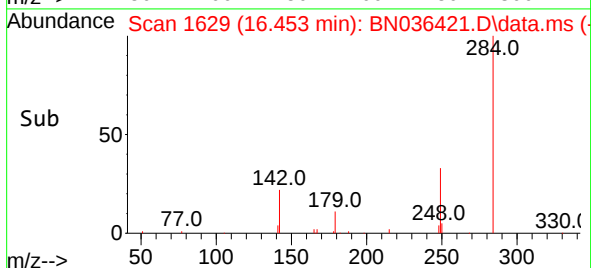
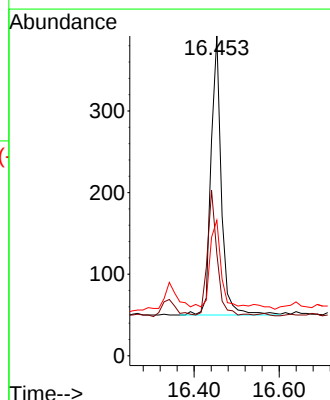
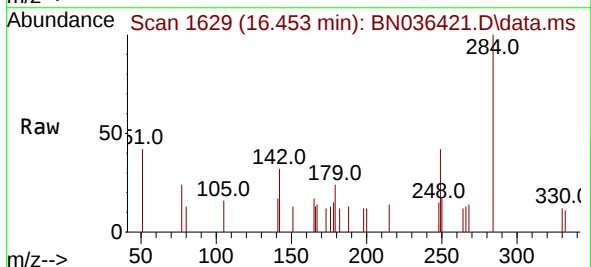
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2025

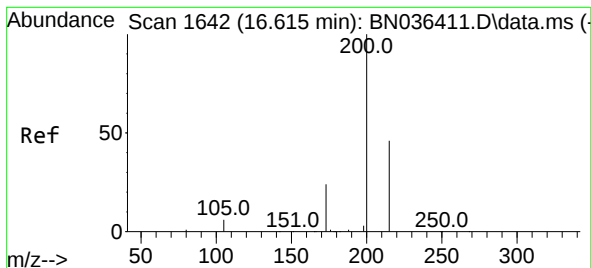
Tgt Ion:248 Resp: 437
Ion Ratio Lower Upper
248 100
250 93.7 76.1 114.1
141 72.8 71.7 107.5



#22
Hexachlorobenzene
Concen: 0.120 ng
RT: 16.453 min Scan# 1629
Delta R.T. -0.000 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

Tgt Ion:284 Resp: 576
Ion Ratio Lower Upper
284 100
142 42.9 33.4 50.0
249 32.5 28.6 43.0





#23

Atrazine

Concen: 0.122 ng

RT: 16.615 min Scan# 1642

Delta R.T. -0.000 min

Lab File: BN036421.D

Acq: 11 Feb 2025 12:48

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT1-2025

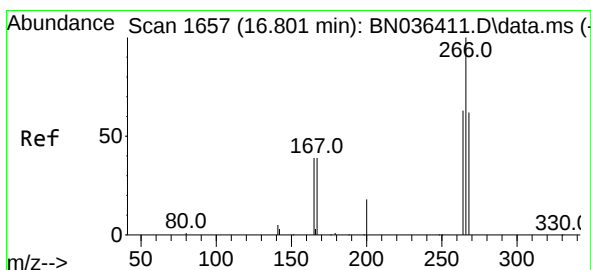
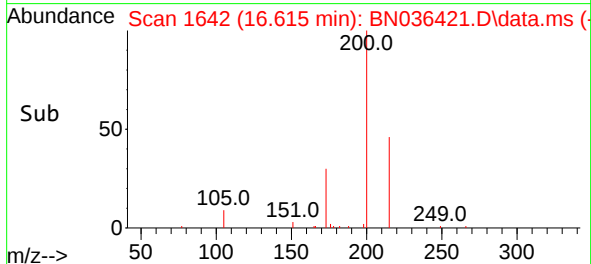
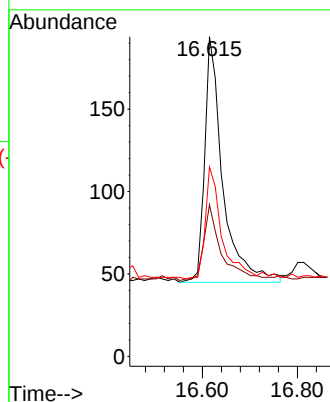
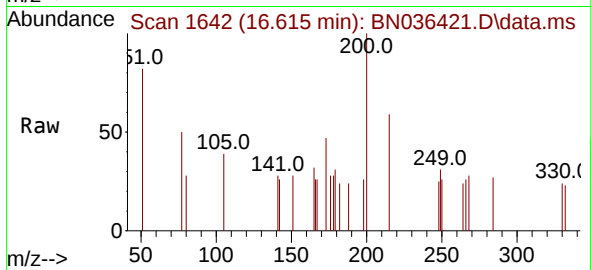
Tgt Ion:200 Resp: 395

Ion Ratio Lower Upper

200 100

173 47.4 23.2 34.8#

215 59.3 40.0 60.0



#24

Pentachlorophenol

Concen: 0.055 ng

RT: 16.813 min Scan# 1658

Delta R.T. 0.012 min

Lab File: BN036421.D

Acq: 11 Feb 2025 12:48

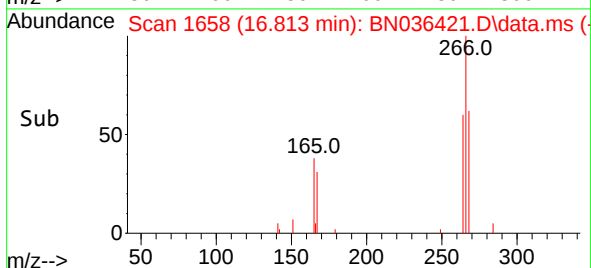
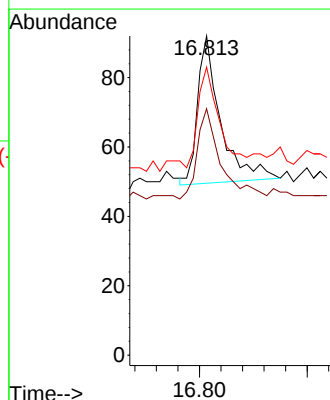
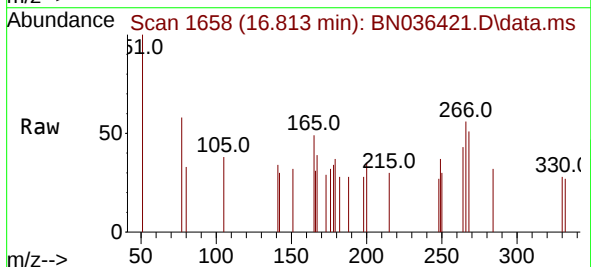
Tgt Ion:266 Resp: 126

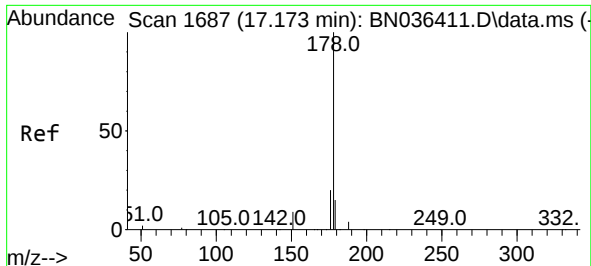
Ion Ratio Lower Upper

266 100

264 63.5 50.6 76.0

268 62.7 51.9 77.9

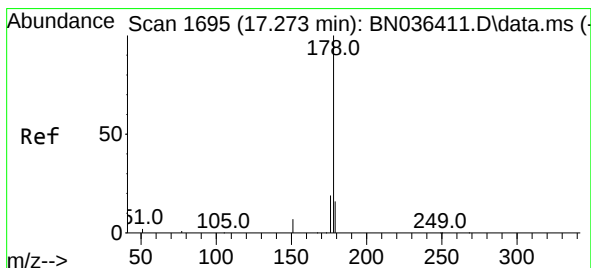
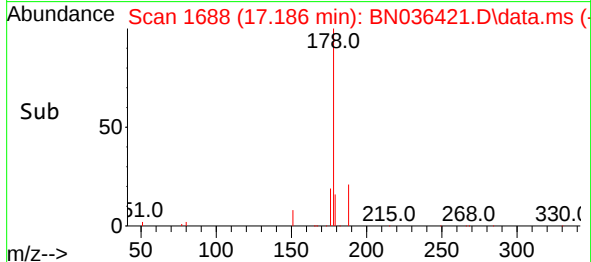
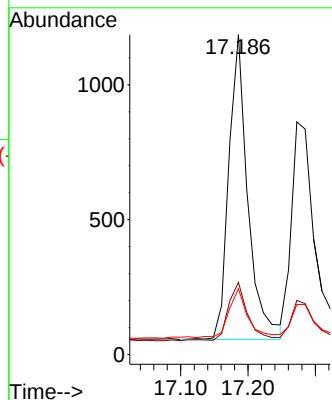
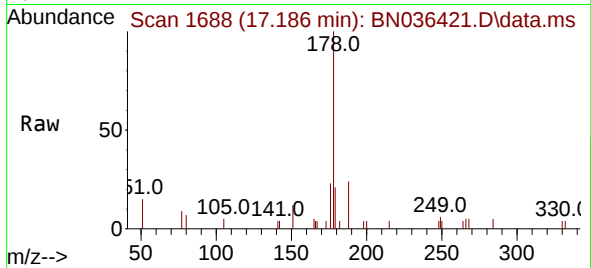




#25
Phenanthrene
Concen: 0.118 ng
RT: 17.186 min Scan# 1688
Delta R.T. 0.012 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

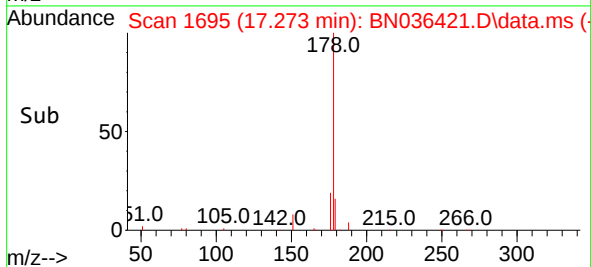
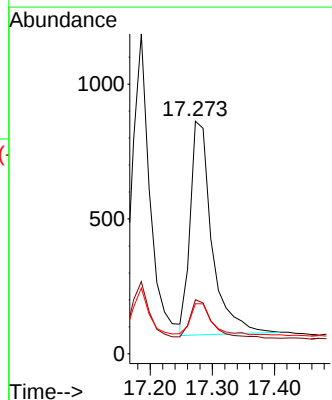
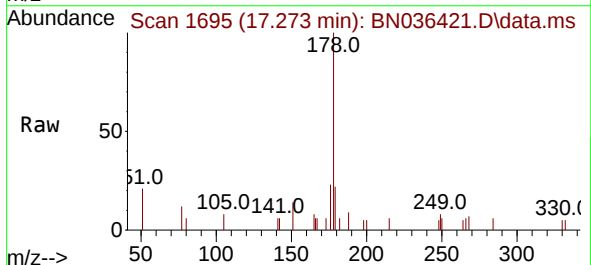
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2025

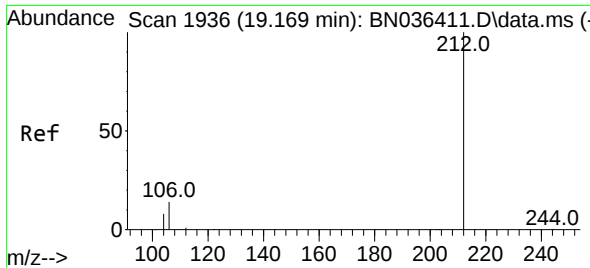
Tgt Ion:178 Resp: 2219
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 17.8 12.4 18.6



#26
Anthracene
Concen: 0.116 ng
RT: 17.273 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

Tgt Ion:178 Resp: 1924
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 16.5 12.4 18.6

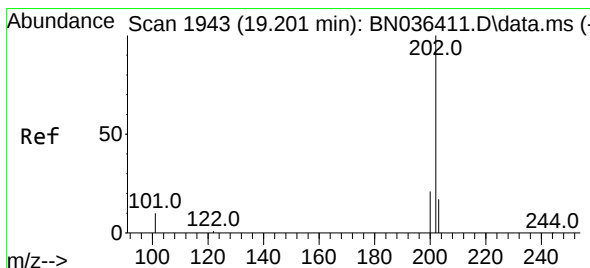
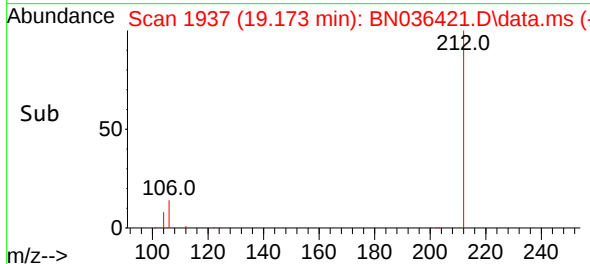
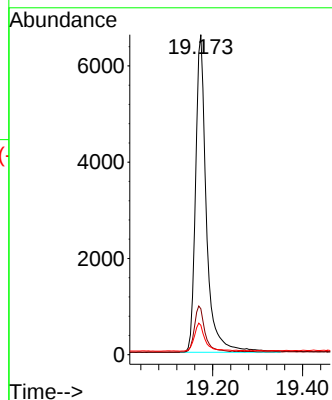
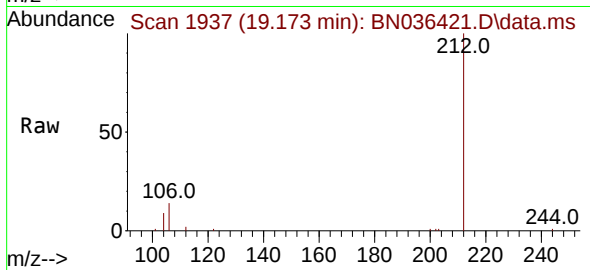




#27
Fluoranthene-d10
Concen: 0.613 ng
RT: 19.173 min Scan# 1937
Delta R.T. 0.005 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

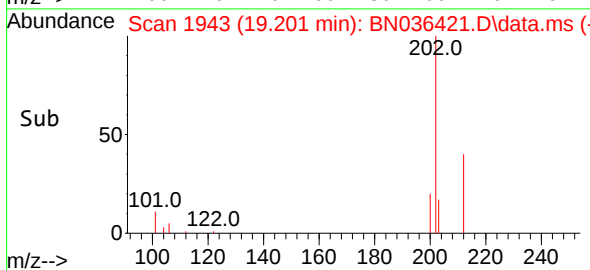
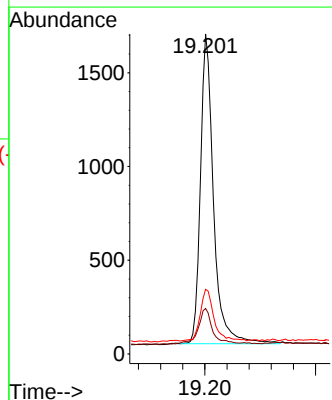
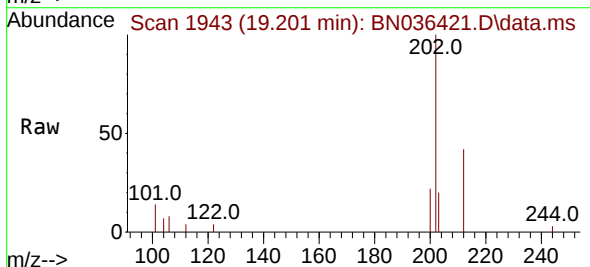
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2025

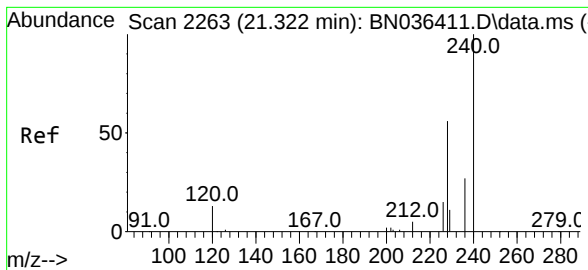
Tgt Ion:212 Resp: 11095
Ion Ratio Lower Upper
212 100
106 14.0 11.5 17.3
104 8.8 7.1 10.7



#28
Fluoranthene
Concen: 0.117 ng
RT: 19.201 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

Tgt Ion:202 Resp: 2713
Ion Ratio Lower Upper
202 100
101 12.8 9.2 13.8
203 18.0 13.4 20.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.331 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN036421.D

Acq: 11 Feb 2025 12:48

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT1-2025

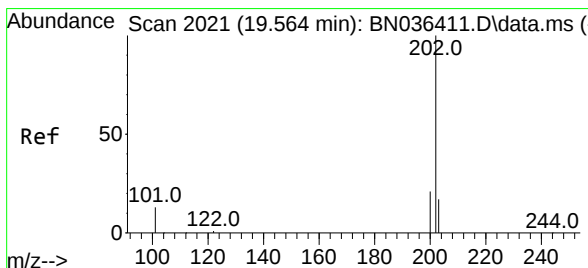
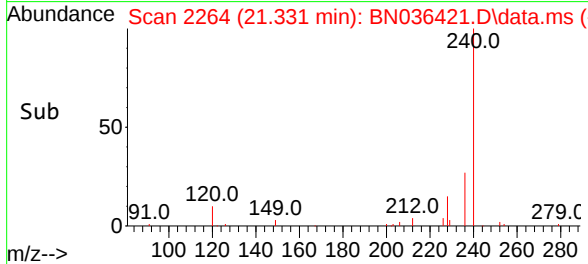
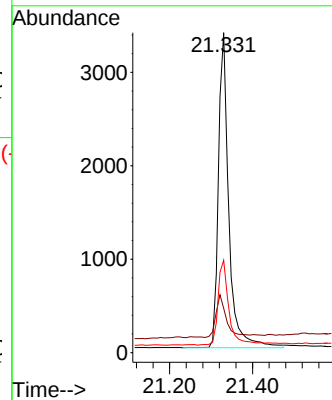
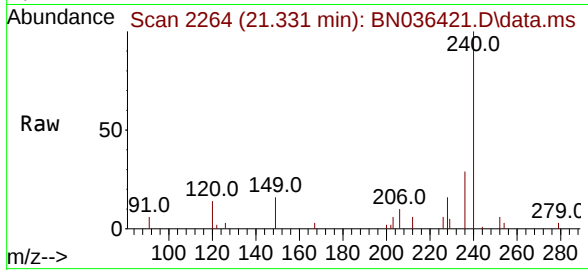
Tgt Ion:240 Resp: 5830

Ion Ratio Lower Upper

240 100

120 13.9 13.3 19.9

236 28.9 23.0 34.6



#30

Pyrene

Concen: 0.122 ng

RT: 19.564 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BN036421.D

Acq: 11 Feb 2025 12:48

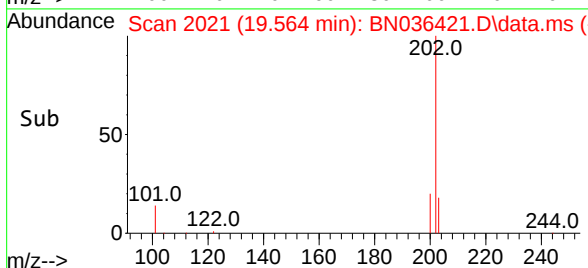
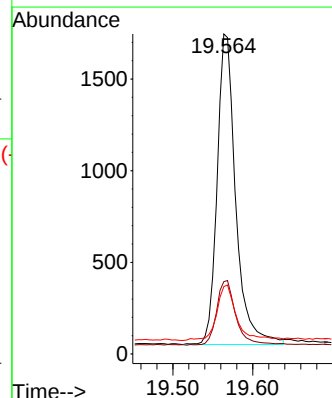
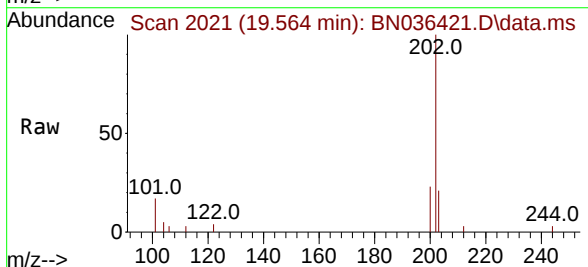
Tgt Ion:202 Resp: 2738

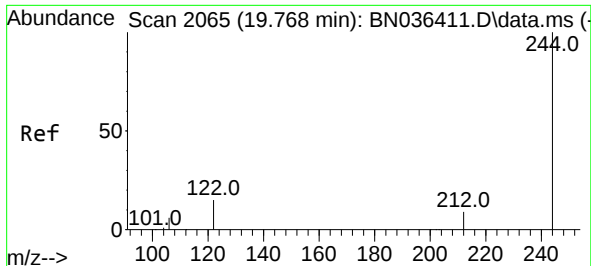
Ion Ratio Lower Upper

202 100

200 21.9 16.9 25.3

203 19.1 13.9 20.9

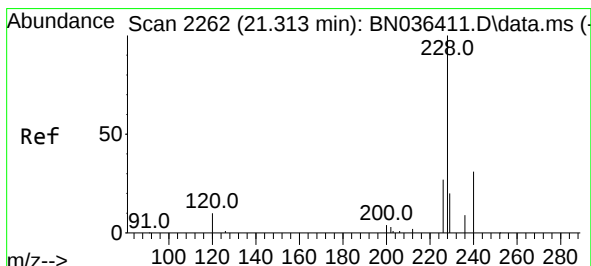
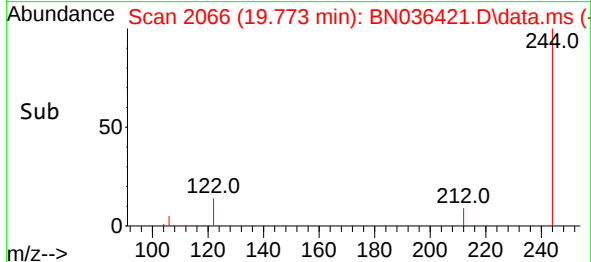
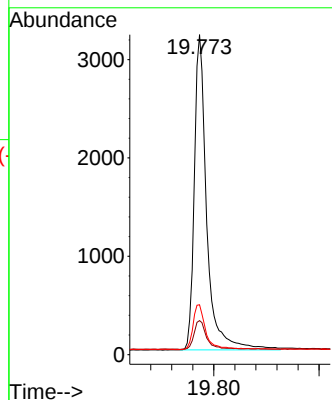
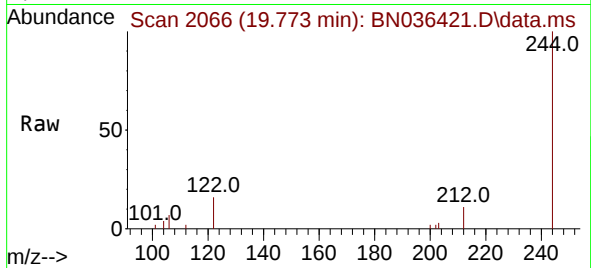




#31
 Terphenyl-d14
 Concen: 0.422 ng
 RT: 19.773 min Scan# 2066
 Delta R.T. 0.005 min
 Lab File: BN036421.D
 Acq: 11 Feb 2025 12:48

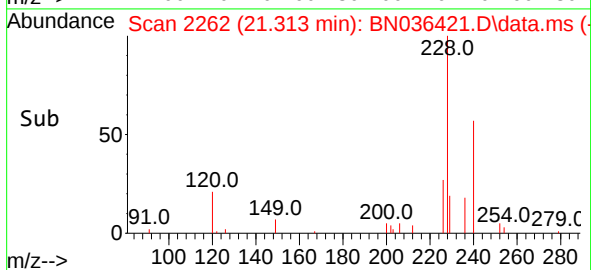
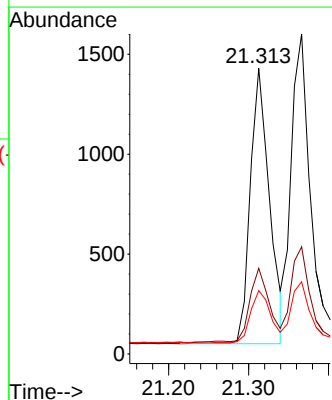
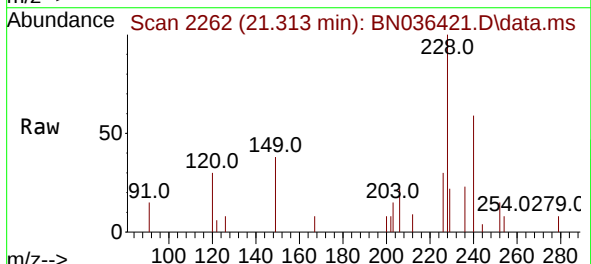
Instrument :
 BNA_N
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 LOQ-SOIL-02-QT1-2025

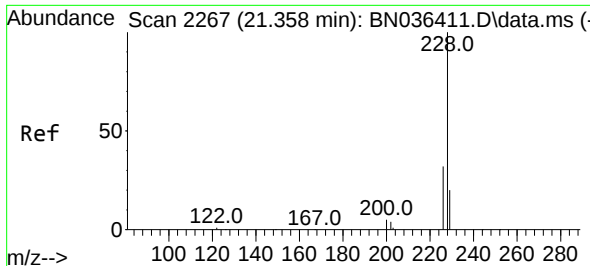
Tgt Ion:244 Resp: 5249
 Ion Ratio Lower Upper
 244 100
 212 10.6 8.1 12.1
 122 15.6 12.8 19.2



#32
 Benzo(a)anthracene
 Concen: 0.120 ng
 RT: 21.313 min Scan# 2262
 Delta R.T. -0.000 min
 Lab File: BN036421.D
 Acq: 11 Feb 2025 12:48

Tgt Ion:228 Resp: 2299
 Ion Ratio Lower Upper
 228 100
 226 30.0 22.2 33.2
 229 22.2 16.5 24.7

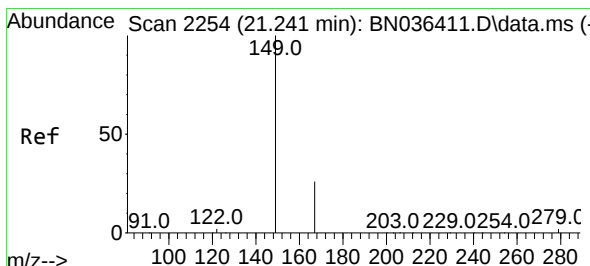
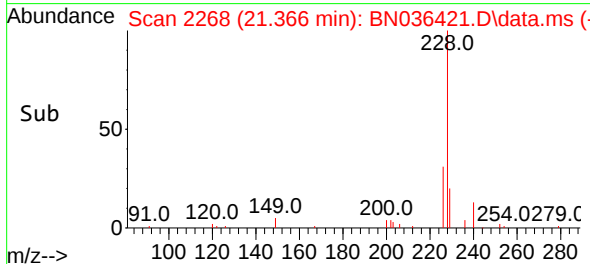
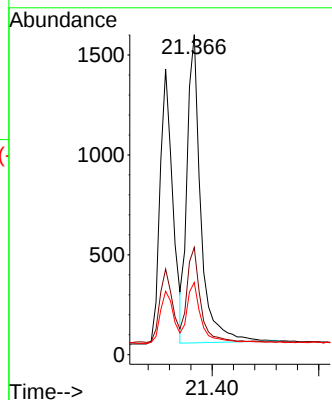
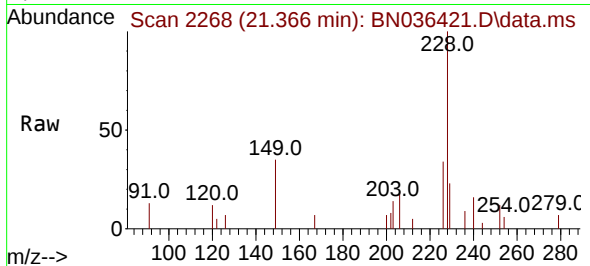




#33
Chrysene
Concen: 0.132 ng
RT: 21.366 min Scan# 2136
Delta R.T. 0.009 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

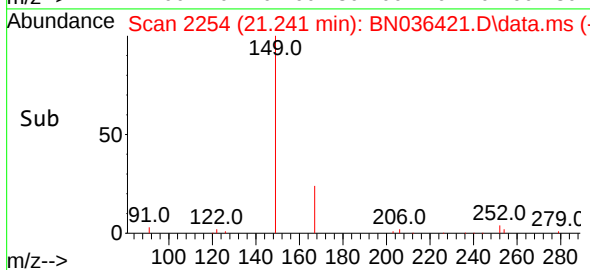
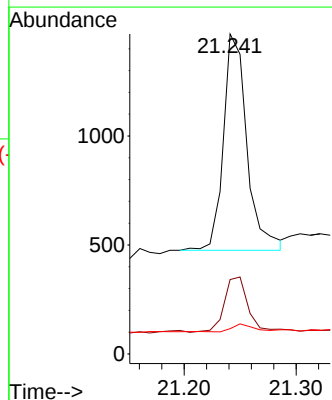
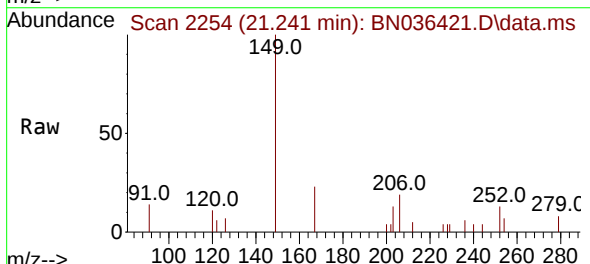
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2025

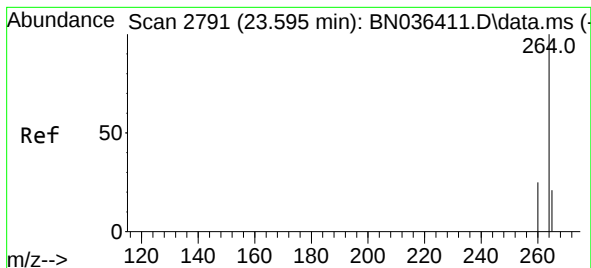
Tgt Ion:228 Resp: 2742
Ion Ratio Lower Upper
228 100
226 33.5 25.5 38.3
229 22.5 16.4 24.6



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.121 ng
RT: 21.241 min Scan# 2254
Delta R.T. -0.000 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

Tgt Ion:149 Resp: 1449
Ion Ratio Lower Upper
149 100
167 26.9 21.2 31.8
279 3.2 2.7 4.1





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.601 min Scan# 21

Delta R.T. 0.006 min

Lab File: BN036421.D

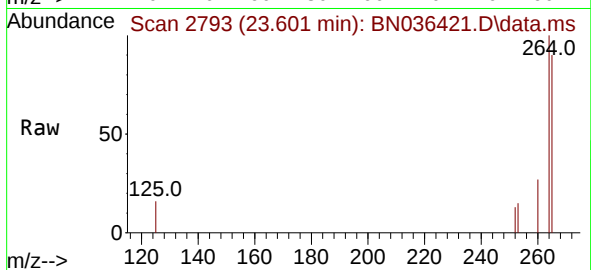
Acq: 11 Feb 2025 12:48

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT1-2025



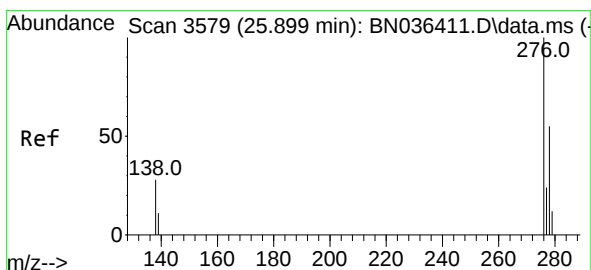
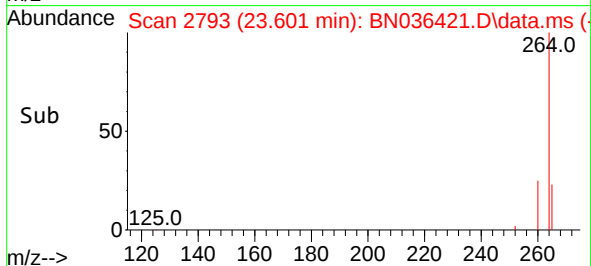
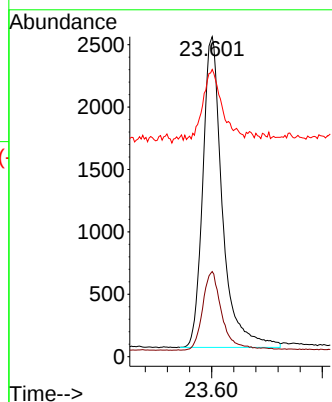
Tgt Ion:264 Resp: 6148

Ion	Ratio	Lower	Upper
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264	100		
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260	26.6	20.9	31.3
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265	89.7	60.7	91.1
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#36

Indeno(1,2,3-cd)pyrene

Concen: 0.128 ng

RT: 25.905 min Scan# 3581

Delta R.T. 0.006 min

Lab File: BN036421.D

Acq: 11 Feb 2025 12:48

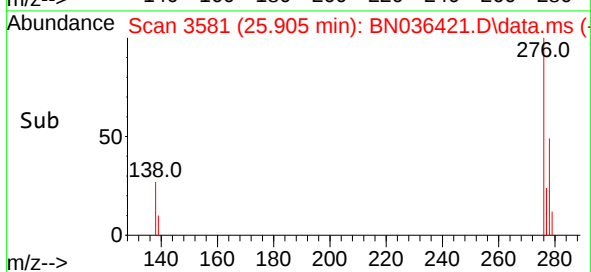
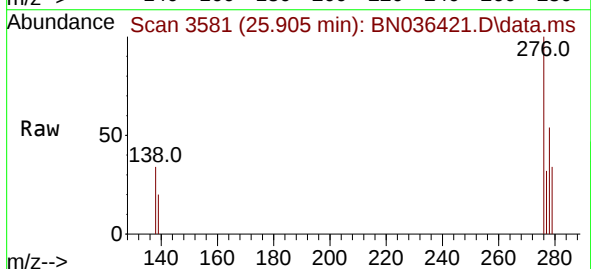
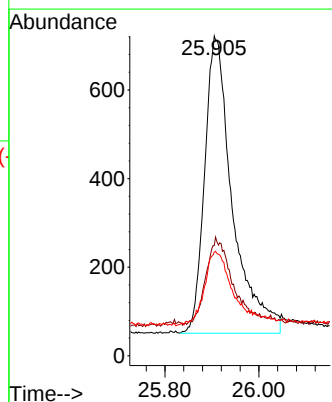
Tgt Ion:276 Resp: 2754

Ion	Ratio	Lower	Upper
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276	100		
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138	28.4	22.2	33.2
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277	21.8	19.8	29.6
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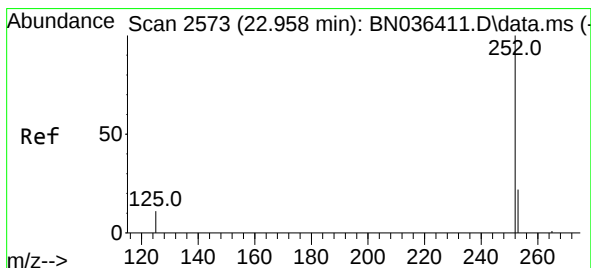
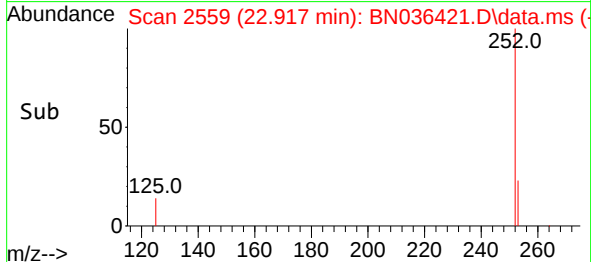
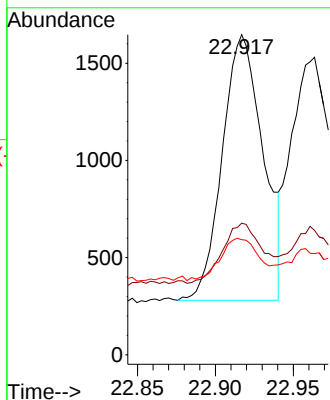
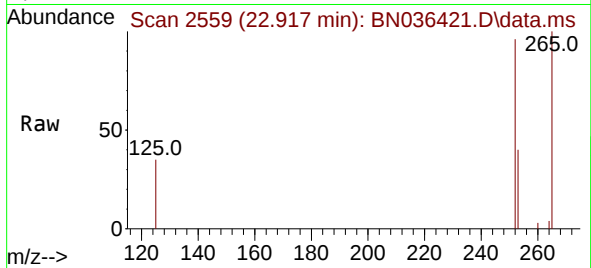




#37
Benzo(b)fluoranthene
Concen: 0.123 ng
RT: 22.917 min Scan# 2557
Delta R.T. 0.006 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

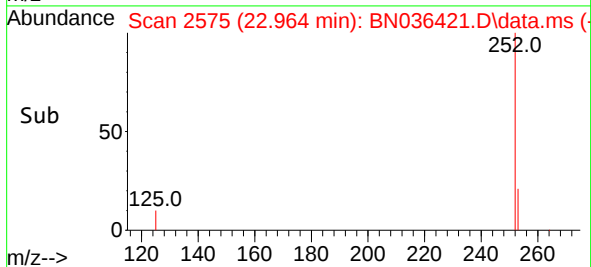
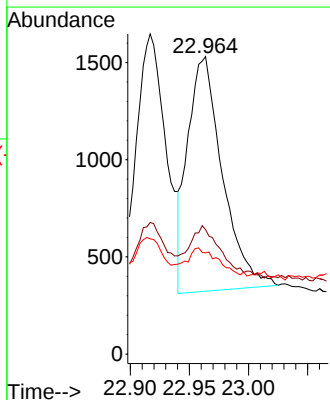
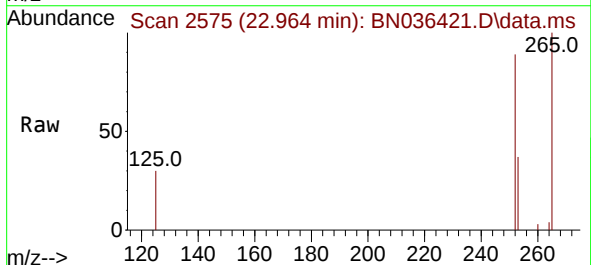
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Tgt Ion:252 Resp: 2485
Ion Ratio Lower Upper
252 100
253 41.1 21.9 32.9#
125 35.9 15.0 22.6#



#38
Benzo(k)fluoranthene
Concen: 0.119 ng
RT: 22.964 min Scan# 2575
Delta R.T. 0.006 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

Tgt Ion:252 Resp: 2472
Ion Ratio Lower Upper
252 100
253 41.8 22.2 33.4#
125 34.0 15.0 22.4#





#39

Benzo(a)pyrene

Concen: 0.122 ng

RT: 23.502 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN036421.D

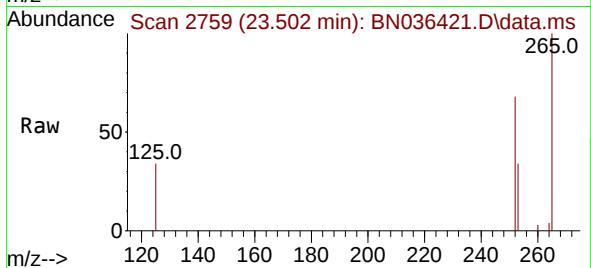
Acq: 11 Feb 2025 12:48

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT1-2025



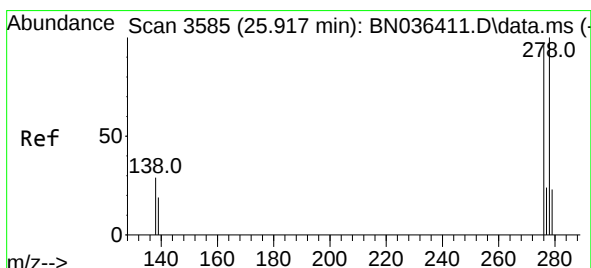
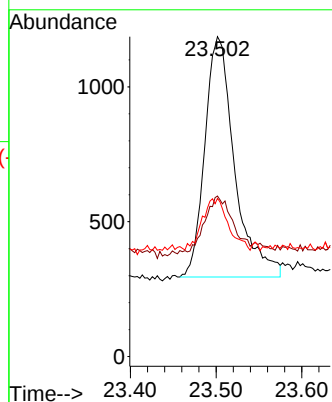
Tgt Ion:252 Resp: 2156

Ion Ratio Lower Upper

252 100

253 50.2 24.4 36.6#

125 49.4 18.2 27.2#



#40

Dibenzo(a,h)anthracene

Concen: 0.122 ng

RT: 25.925 min Scan# 3588

Delta R.T. 0.009 min

Lab File: BN036421.D

Acq: 11 Feb 2025 12:48

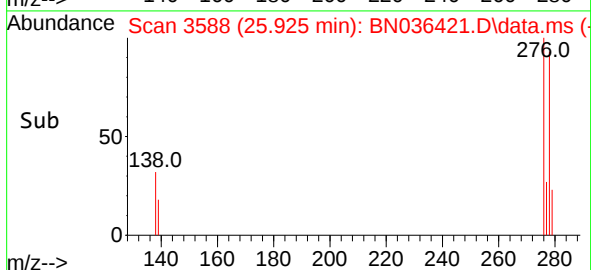
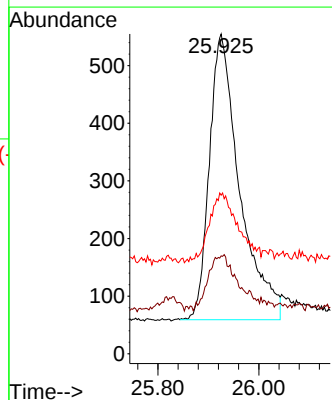
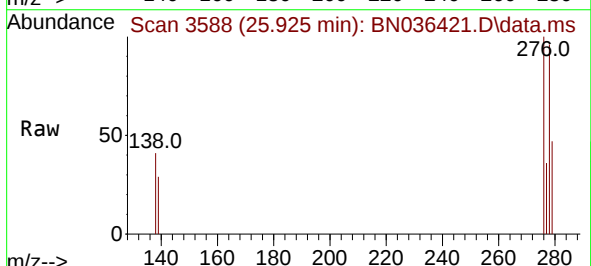
Tgt Ion:278 Resp: 2070

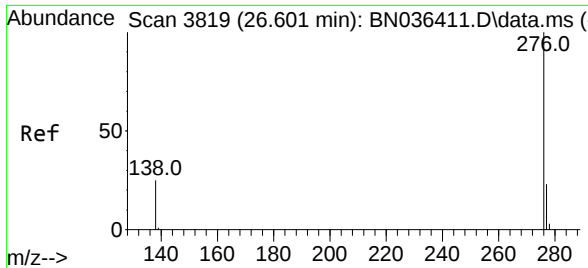
Ion Ratio Lower Upper

278 100

139 30.6 18.5 27.7#

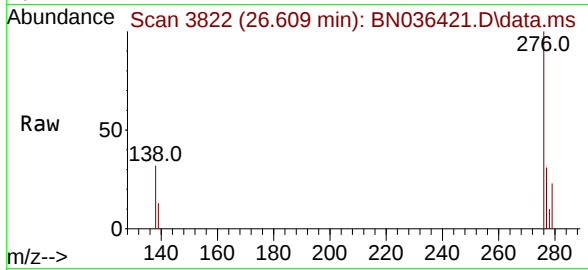
279 49.5 24.8 37.2#





#41
Benzo(g,h,i)perylene
Concen: 0.126 ng
RT: 26.609 min Scan# 3819
Delta R.T. 0.009 min
Lab File: BN036421.D
Acq: 11 Feb 2025 12:48

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2025



Tgt Ion:276 Resp: 2419
Ion Ratio Lower Upper
276 100
277 31.1 20.7 31.1#
138 31.9 21.8 32.6

