

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
 Data File : BN036434.D
 Acq On : 12 Feb 2025 10:56
 Operator : RC/JU
 Sample : Q1168-03
 Misc : MDL-MDL-SOIL 0.1 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT1-2025

Quant Time: Feb 12 11:26:55 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)

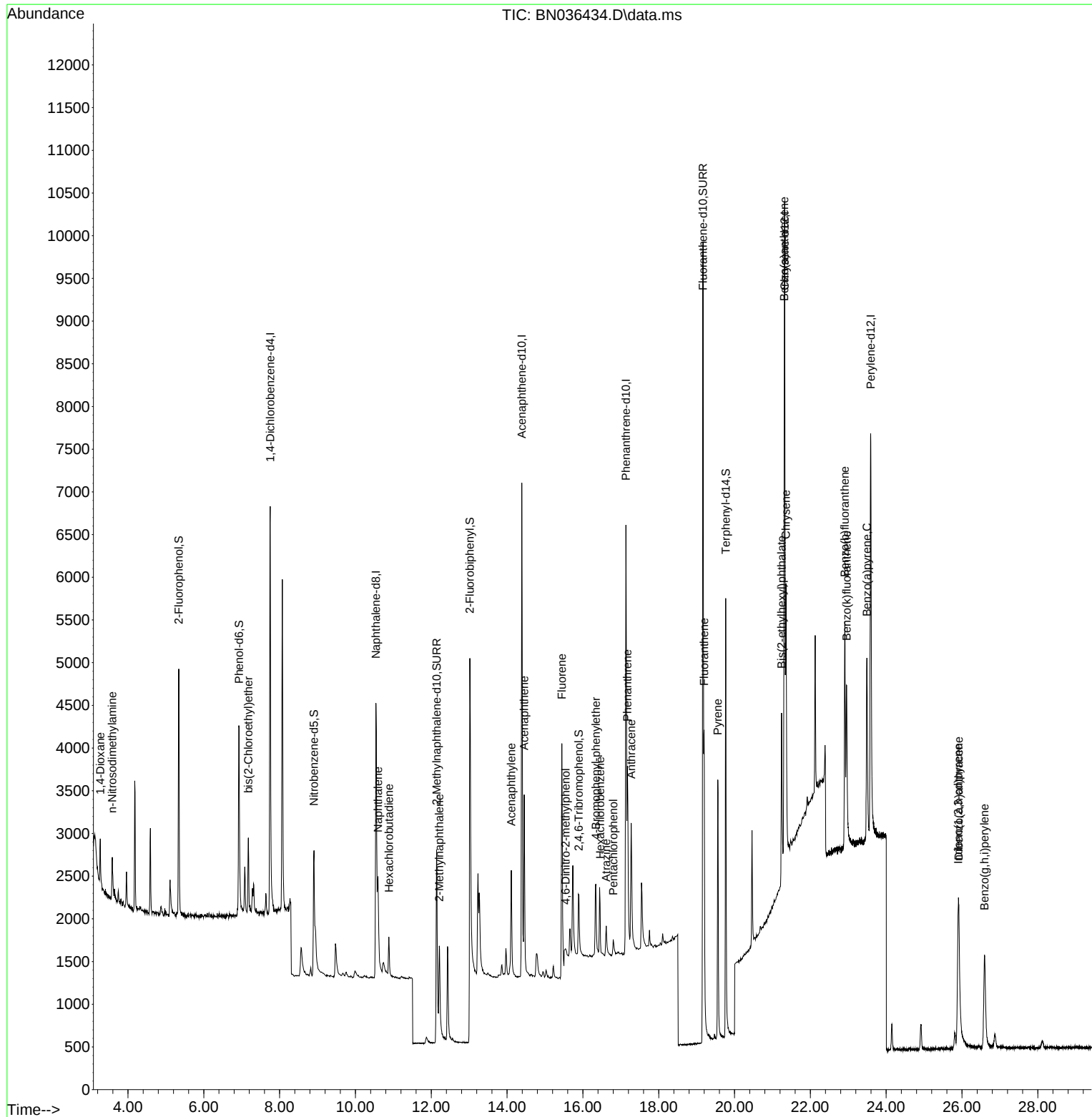
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.753	152	2460	0.400	ng	0.00
7) Naphthalene-d8	10.541	136	5768	0.400	ng	0.00
13) Acenaphthene-d10	14.388	164	3684	0.400	ng	0.00
19) Phenanthrene-d10	17.136	188	8274	0.400	ng	0.00
29) Chrysene-d12	21.322	240	7177	0.400	ng	0.00
35) Perylene-d12	23.592	264	7305	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	2124	0.365	ng	0.00
5) Phenol-d6	6.930	99	2349	0.344	ng	0.00
8) Nitrobenzene-d5	8.907	82	1763	0.310	ng	0.00
11) 2-Methylnaphthalene-d10	12.141	152	4616	0.521	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	594	0.325	ng	0.01
15) 2-Fluorobiphenyl	13.019	172	4342	0.313	ng	0.00
27) Fluoranthene-d10	19.169	212	12385	0.538	ng	0.00
31) Terphenyl-d14	19.768	244	5852	0.382	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.268	88	338	0.126	ng	92
3) n-Nitrosodimethylamine	3.586	42	512	0.110	ng	# 86
6) bis(2-Chloroethyl)ether	7.176	93	665	0.093	ng	96
9) Naphthalene	10.594	128	1632	0.098	ng	# 89
10) Hexachlorobutadiene	10.883	225	422	0.104	ng	# 99
12) 2-Methylnaphthalene	12.212	142	1027	0.094	ng	96
16) Acenaphthylene	14.110	152	1654	0.102	ng	98
17) Acenaphthene	14.452	154	1092	0.100	ng	100
18) Fluorene	15.446	166	1541	0.100	ng	99
20) 4,6-Dinitro-2-methylph...	15.547	198	111	0.068	ng	# 13
21) 4-Bromophenyl-phenylether	16.342	248	487	0.099	ng	# 87
22) Hexachlorobenzene	16.453	284	676	0.111	ng	97
23) Atrazine	16.615	200	422	0.102	ng	# 83
24) Pentachlorophenol	16.801	266	138	0.048	ng	92
25) Phenanthrene	17.173	178	2462	0.103	ng	98
26) Anthracene	17.273	178	2279	0.108	ng	99
28) Fluoranthene	19.197	202	3160	0.108	ng	98
30) Pyrene	19.559	202	3139	0.114	ng	99
32) Benzo(a)anthracene	21.313	228	2710	0.115	ng	97
33) Chrysene	21.358	228	2938	0.115	ng	98
34) Bis(2-ethylhexyl)phtha...	21.241	149	1791	0.122	ng	99
36) Indeno(1,2,3-cd)pyrene	25.899	276	2854	0.112	ng	99
37) Benzo(b)fluoranthene	22.908	252	2933	0.122	ng	# 53
38) Benzo(k)fluoranthene	22.955	252	3093	0.125	ng	# 74
39) Benzo(a)pyrene	23.493	252	2589	0.123	ng	# 32
40) Dibenzo(a,h)anthracene	25.917	278	2101	0.104	ng	# 77
41) Benzo(g,h,i)perylene	26.595	276	2466	0.108	ng	# 89

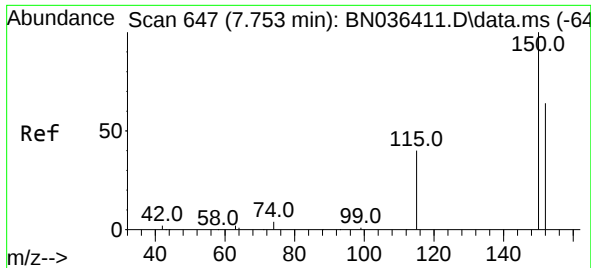
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
Data File : BN036434.D
Acq On : 12 Feb 2025 10:56
Operator : RC/JU
Sample : Q1168-03
Misc : MDL-MDL-SOIL 0.1 PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2025

Quant Time: Feb 12 11:26:55 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

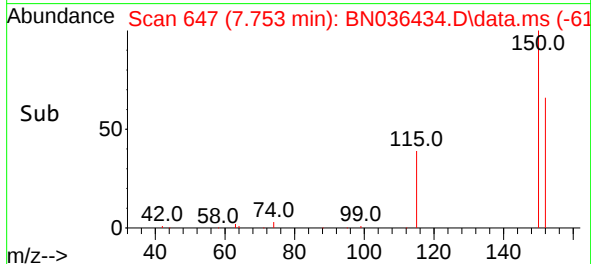
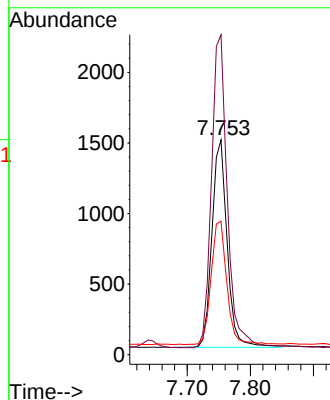
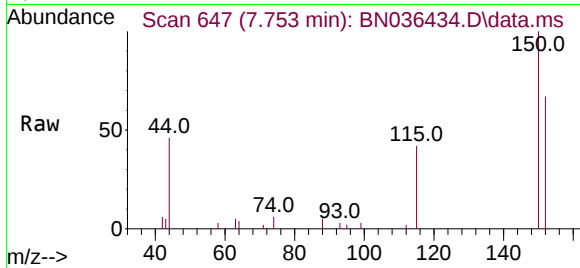




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.753 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036434.D
 Acq: 12 Feb 2025 10:56

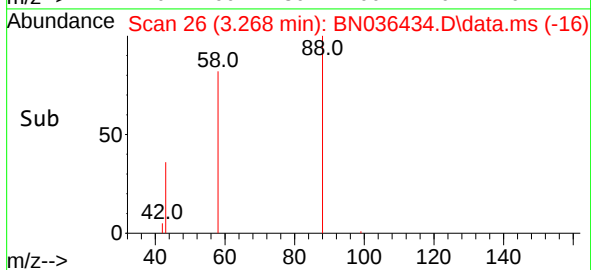
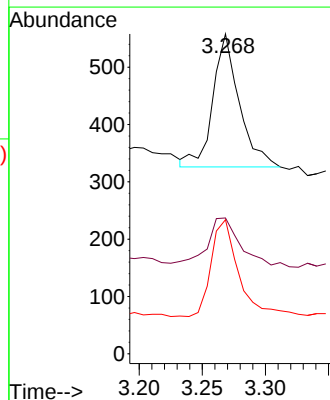
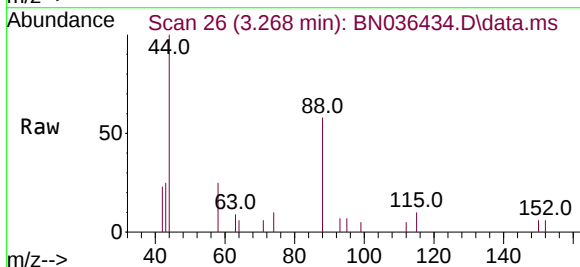
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT1-2025

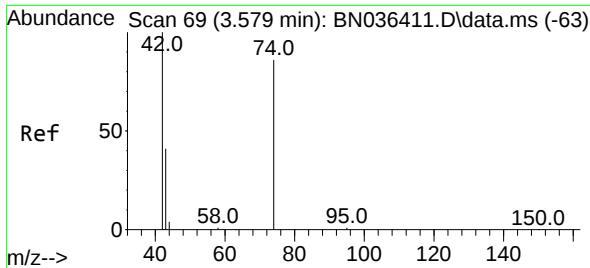
Tgt Ion:152 Resp: 2460
 Ion Ratio Lower Upper
 152 100
 150 148.9 123.7 185.5
 115 62.2 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.126 ng
 RT: 3.268 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN036434.D
 Acq: 12 Feb 2025 10:56

Tgt Ion: 88 Resp: 338
 Ion Ratio Lower Upper
 88 100
 43 42.0 33.7 50.5
 58 75.1 68.9 103.3

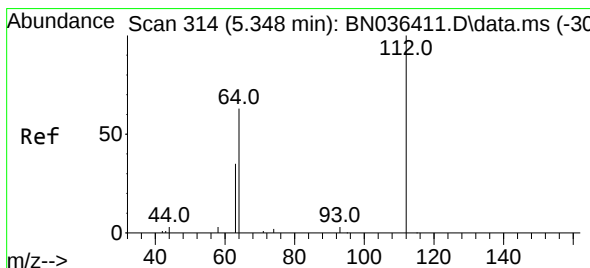
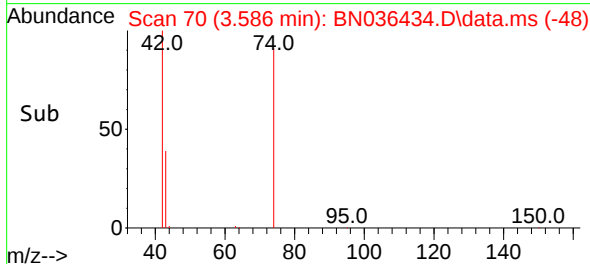
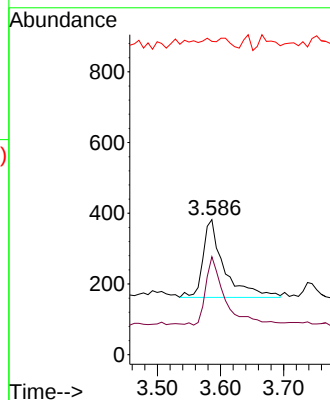
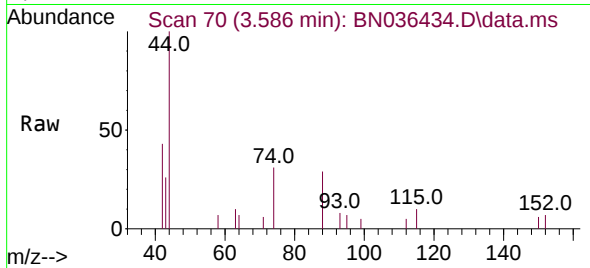




#3
 n-Nitrosodimethylamine
 Concen: 0.110 ng
 RT: 3.586 min Scan# 70
 Delta R.T. 0.007 min
 Lab File: BN036434.D
 Acq: 12 Feb 2025 10:56

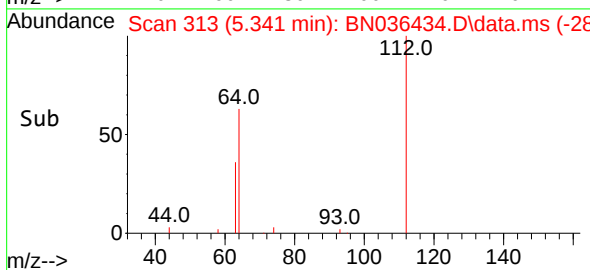
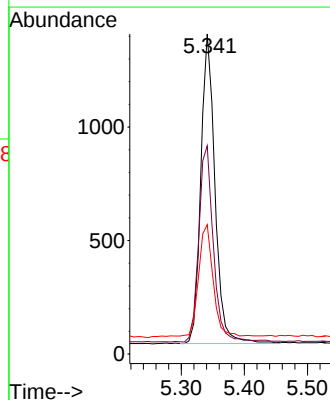
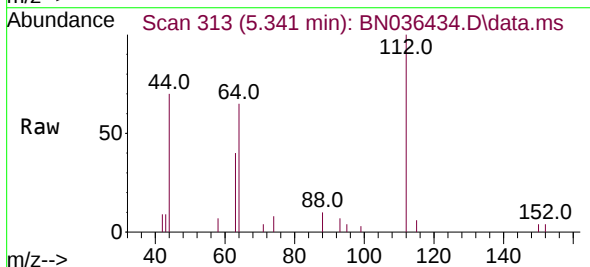
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT1-2025

Tgt Ion: 42 Resp: 512
 Ion Ratio Lower Upper
 42 100
 74 76.2 71.8 107.6
 44 6.6 7.8 11.6#



#4
 2-Fluorophenol
 Concen: 0.365 ng
 RT: 5.341 min Scan# 313
 Delta R.T. -0.007 min
 Lab File: BN036434.D
 Acq: 12 Feb 2025 10:56

Tgt Ion: 112 Resp: 2124
 Ion Ratio Lower Upper
 112 100
 64 65.0 53.4 80.0
 63 39.0 30.3 45.5

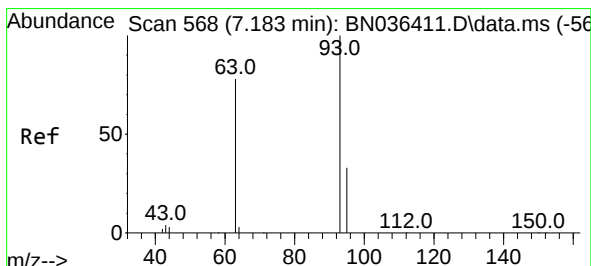
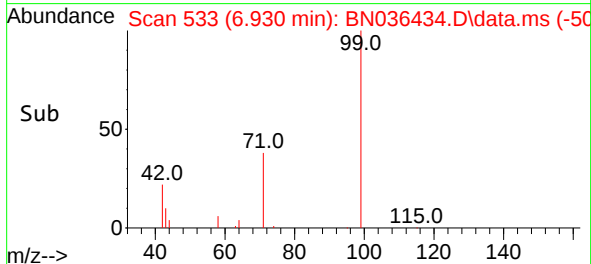
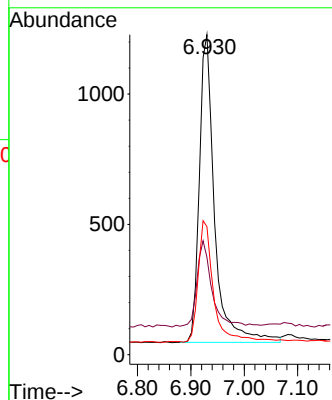
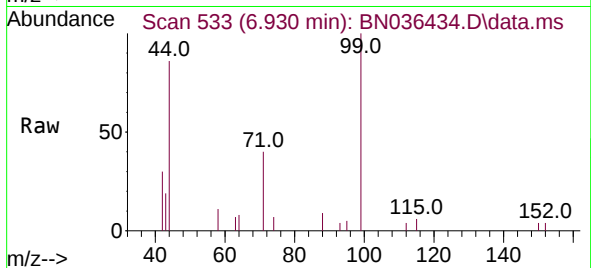




#5
Phenol-d6
Concen: 0.344 ng
RT: 6.930 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

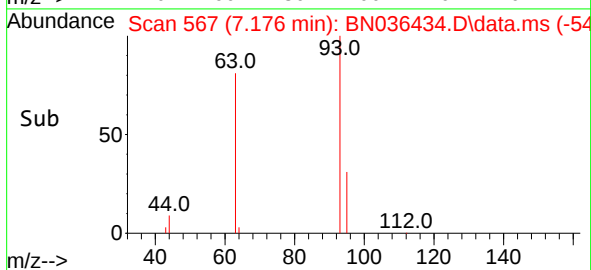
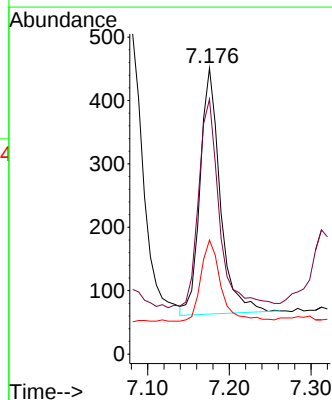
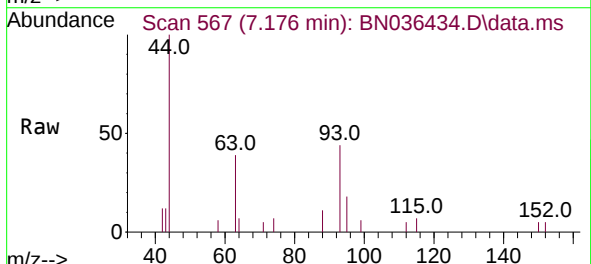
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2025

Tgt Ion: 99 Resp: 2349
Ion Ratio Lower Upper
99 100
42 27.4 21.7 32.5
71 40.1 32.6 49.0



#6
bis(2-Chloroethyl)ether
Concen: 0.093 ng
RT: 7.176 min Scan# 567
Delta R.T. -0.007 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

Tgt Ion: 93 Resp: 665
Ion Ratio Lower Upper
93 100
63 88.3 66.3 99.5
95 32.8 26.2 39.4

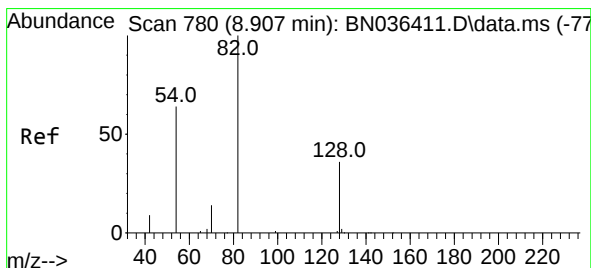
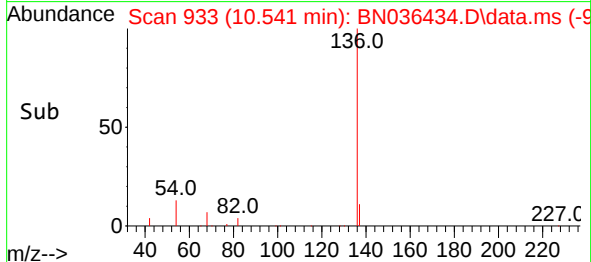
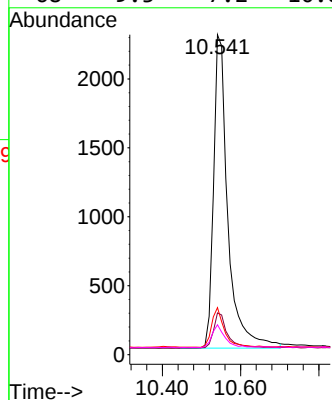
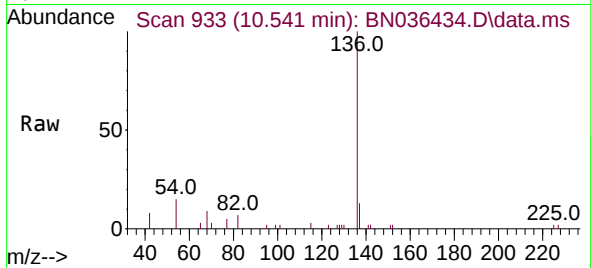




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.541 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

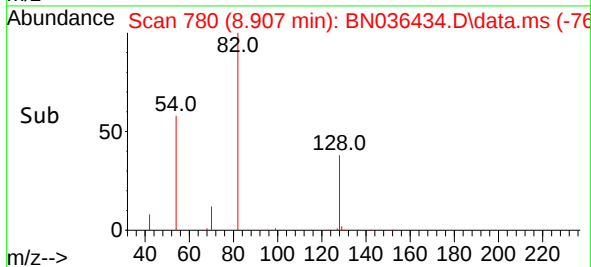
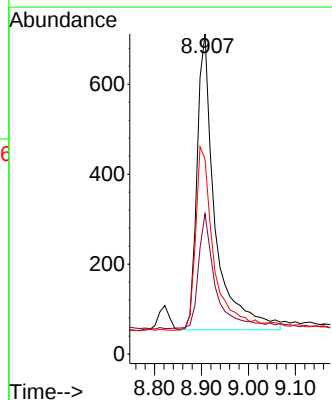
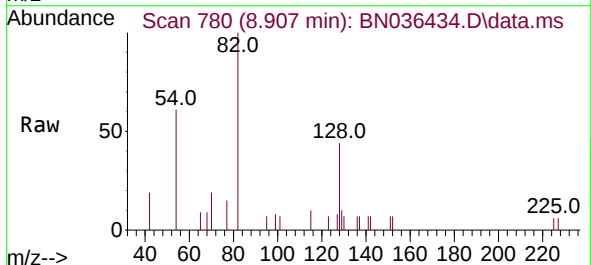
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2025

Tgt Ion:	136	Resp:	5768
Ion	Ratio	Lower	Upper
136	100		
137	13.1	10.1	15.1
54	14.7	11.8	17.6
68	9.3	7.2	10.8



#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 8.907 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

Tgt Ion:	82	Resp:	1763
Ion	Ratio	Lower	Upper
82	100		
128	43.8	31.9	47.9
54	61.0	53.1	79.7

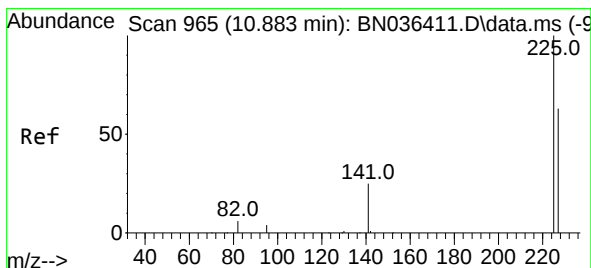
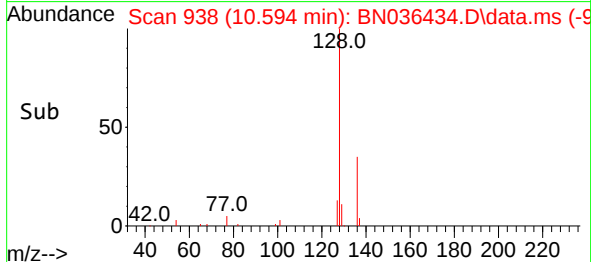
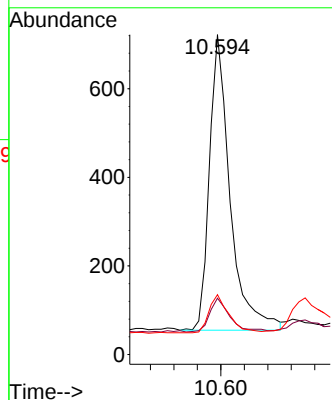
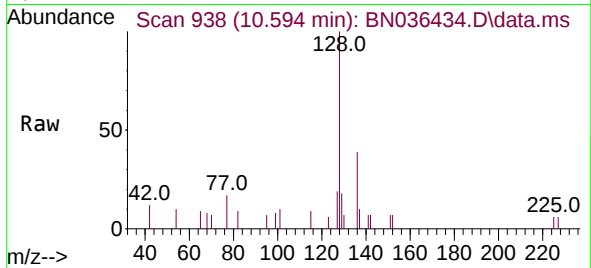




#9
Naphthalene
Concen: 0.098 ng
RT: 10.594 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

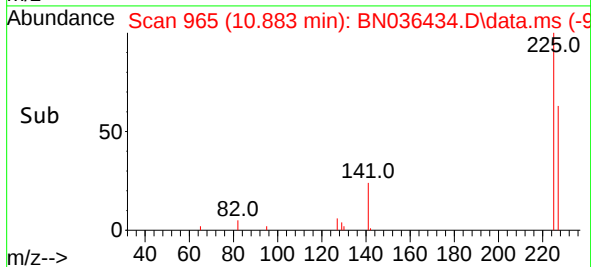
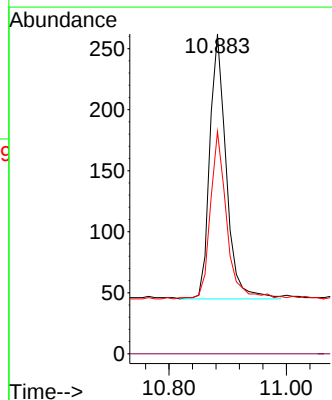
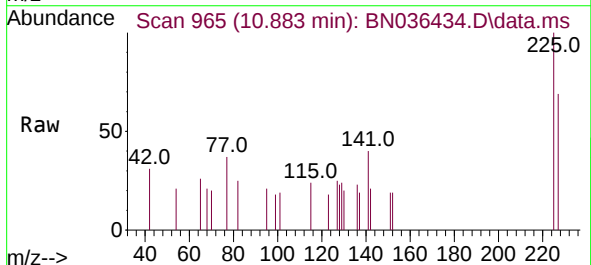
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2025

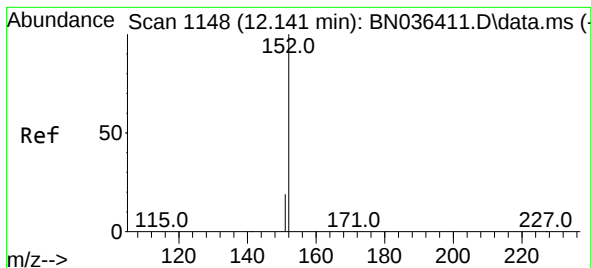
Tgt Ion:128 Resp: 1632
Ion Ratio Lower Upper
128 100
129 17.6 9.6 14.4#
127 18.7 12.0 18.0#



#10
Hexachlorobutadiene
Concen: 0.104 ng
RT: 10.883 min Scan# 965
Delta R.T. 0.000 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

Tgt Ion:225 Resp: 422
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.0 50.9 76.3

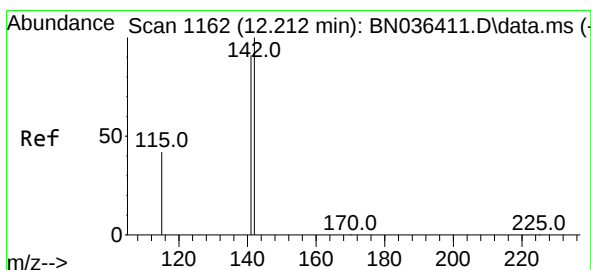
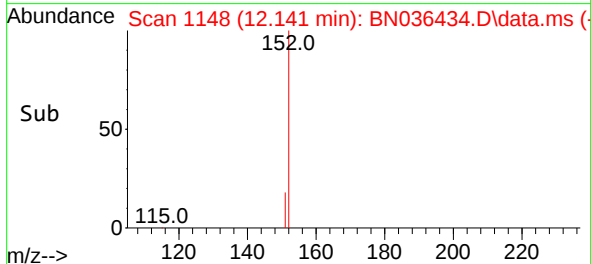
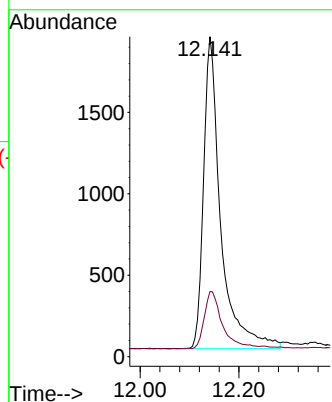
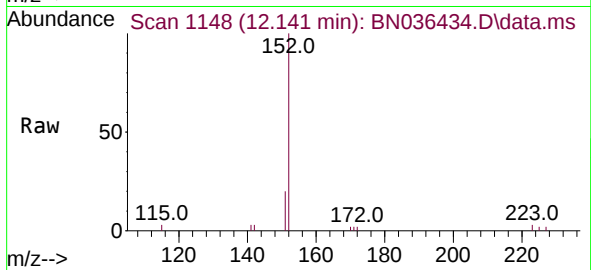




#11
2-Methylnaphthalene-d10
Concen: 0.521 ng
RT: 12.141 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

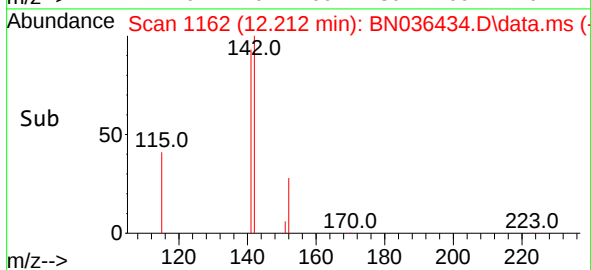
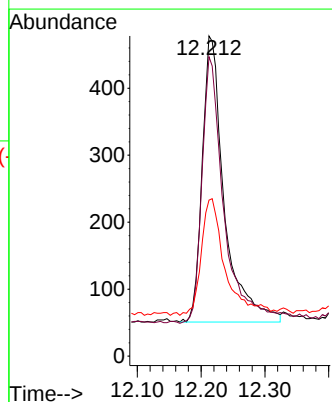
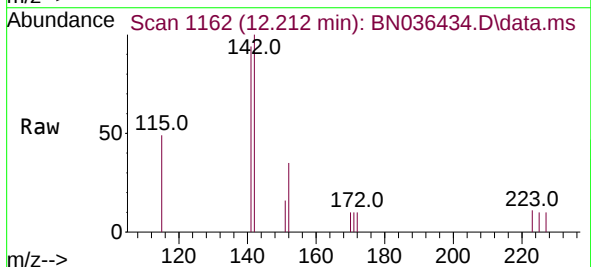
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2025

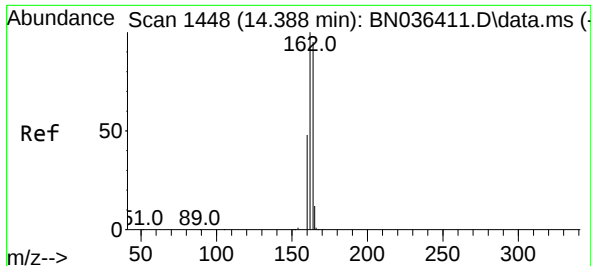
Tgt Ion:152 Resp: 4616
Ion Ratio Lower Upper
152 100
151 19.4 16.6 25.0



#12
2-Methylnaphthalene
Concen: 0.094 ng
RT: 12.212 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

Tgt Ion:142 Resp: 1027
Ion Ratio Lower Upper
142 100
141 93.5 72.8 109.2
115 48.7 35.5 53.3

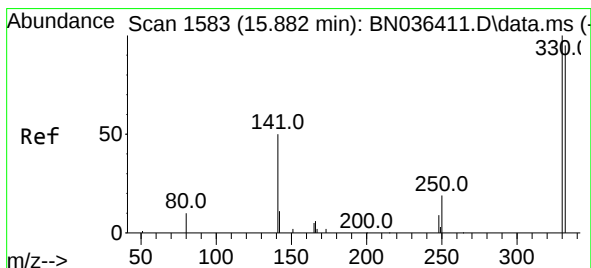
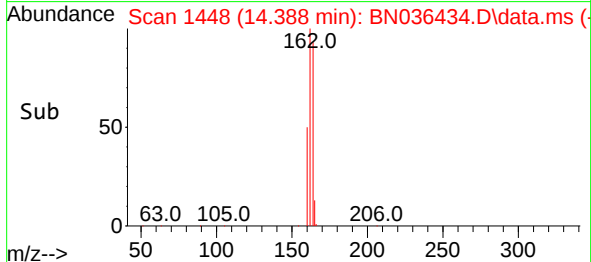
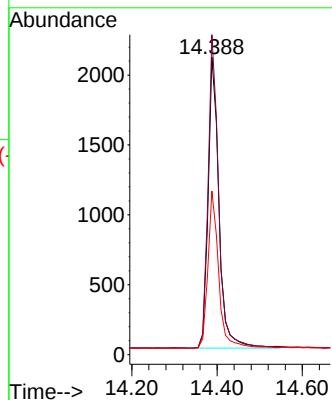
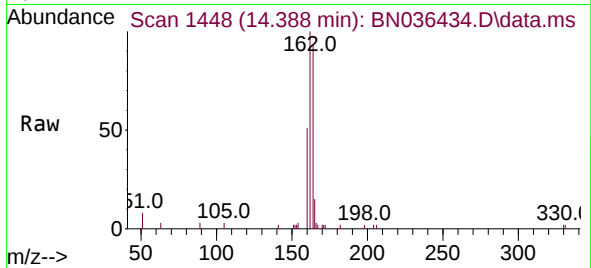




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

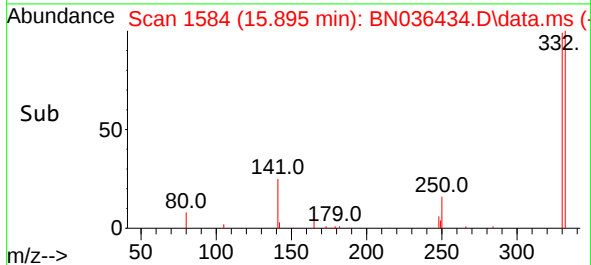
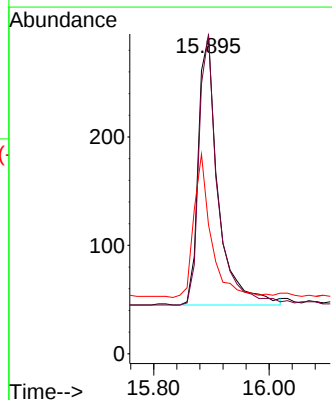
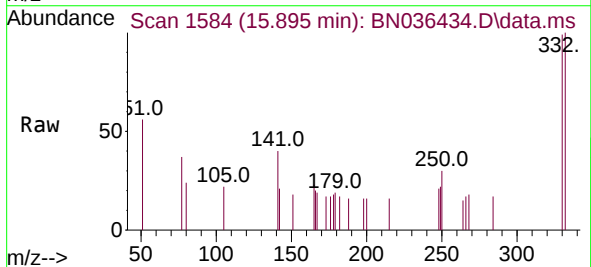
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2025

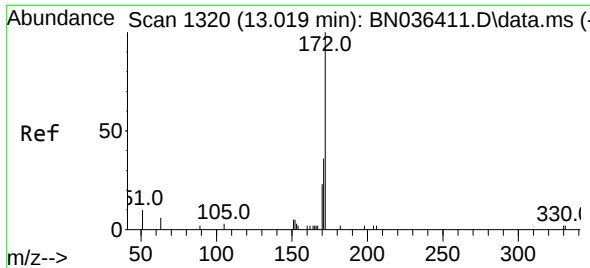
Tgt Ion:164 Resp: 3684
Ion Ratio Lower Upper
164 100
162 107.5 84.1 126.1
160 55.0 41.4 62.0



#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.012 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

Tgt Ion:330 Resp: 594
Ion Ratio Lower Upper
330 100
332 95.5 76.6 114.8
141 47.0 37.8 56.8

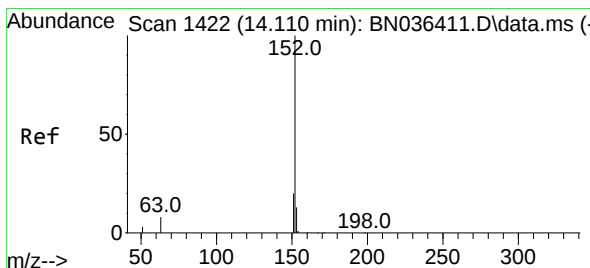
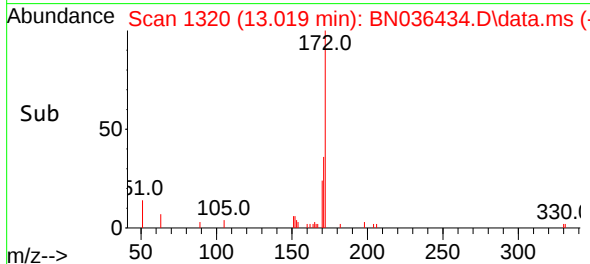
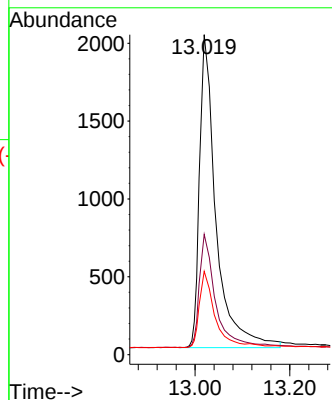
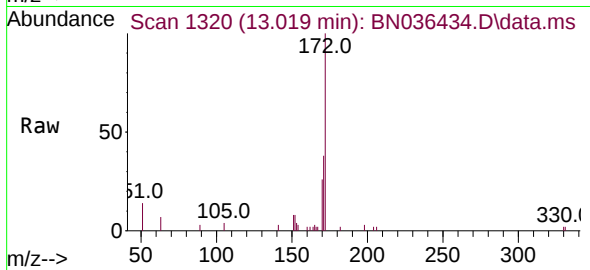




#15
2-Fluorobiphenyl
Concen: 0.313 ng
RT: 13.019 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

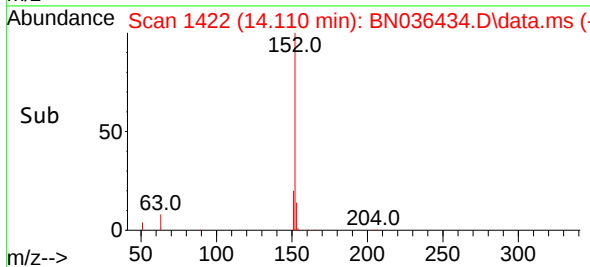
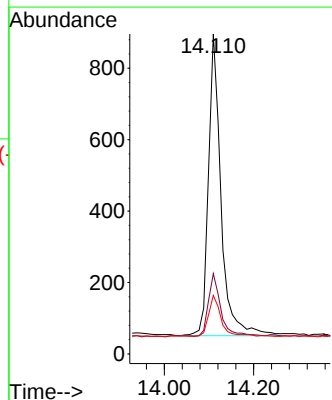
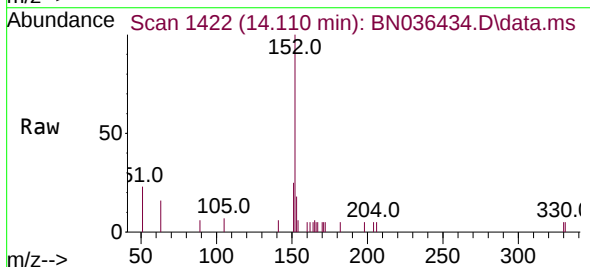
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2025

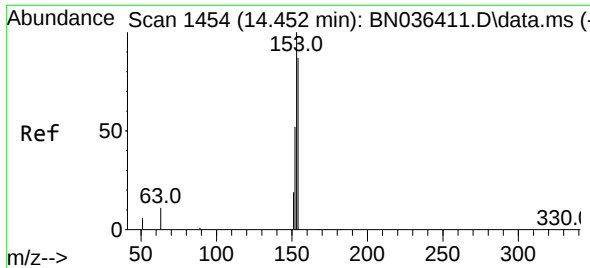
Tgt Ion:	172	Resp:	4342
Ion Ratio	Lower	Upper	
172	100		
171	37.6	29.6	44.4
170	26.0	19.8	29.6



#16
Acenaphthylene
Concen: 0.102 ng
RT: 14.110 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

Tgt Ion:	152	Resp:	1654
Ion Ratio	Lower	Upper	
152	100		
151	20.7	15.8	23.8
153	13.5	10.2	15.2

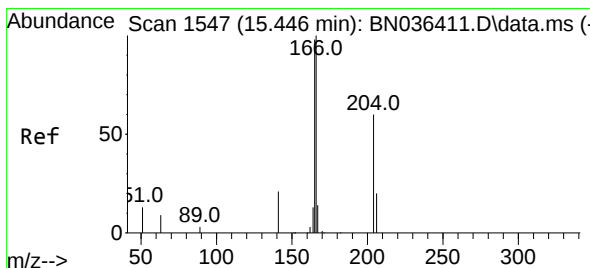
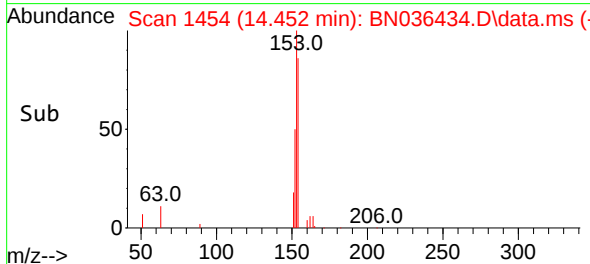
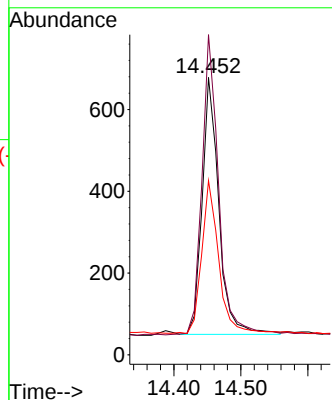
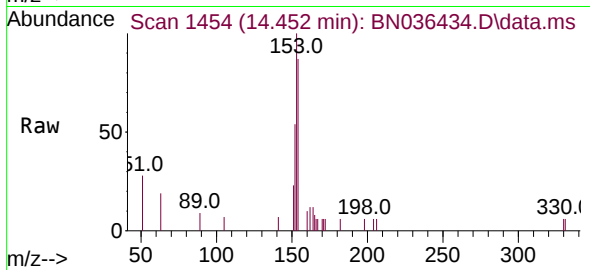




#17
Acenaphthene
Concen: 0.100 ng
RT: 14.452 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

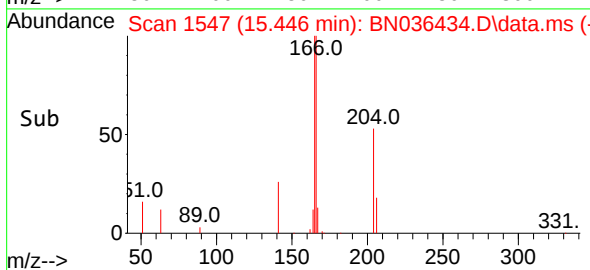
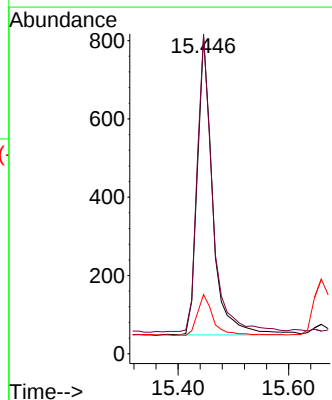
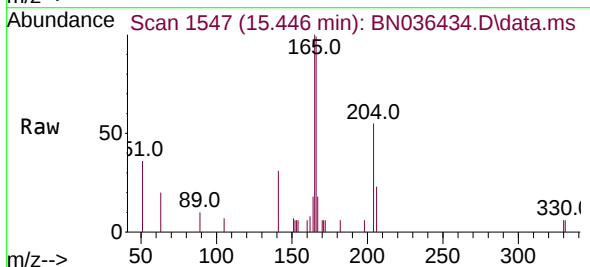
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2025

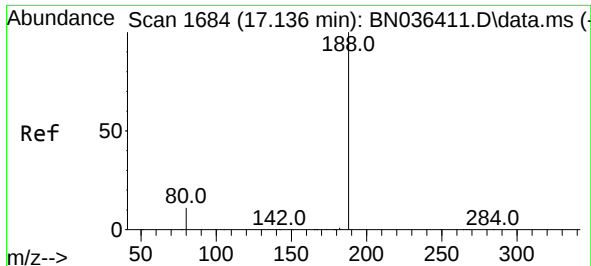
Tgt Ion:154 Resp: 1092
Ion Ratio Lower Upper
154 100
153 117.2 93.3 139.9
152 61.2 48.8 73.2



#18
Fluorene
Concen: 0.100 ng
RT: 15.446 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

Tgt Ion:166 Resp: 1541
Ion Ratio Lower Upper
166 100
165 100.0 79.5 119.3
167 14.4 10.4 15.6

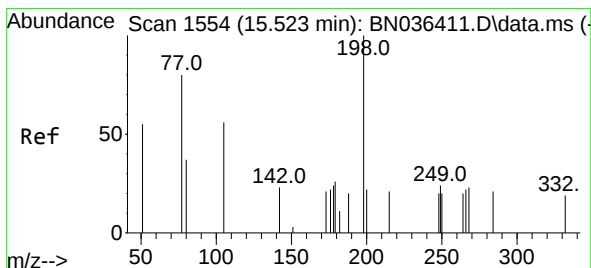
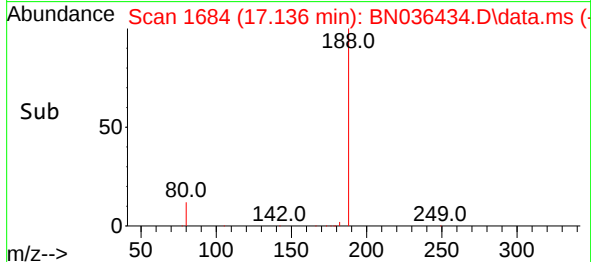
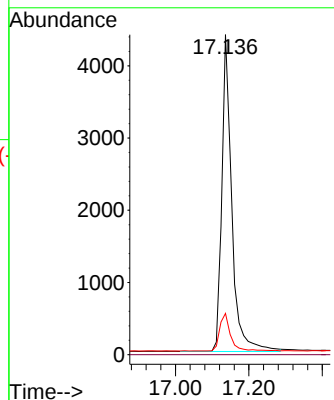
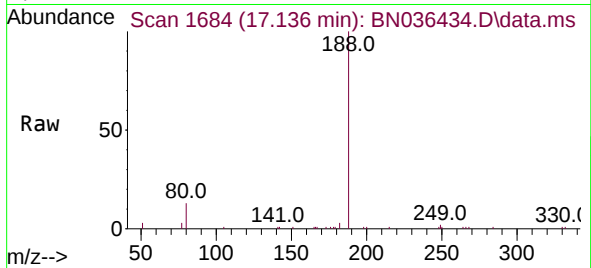




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

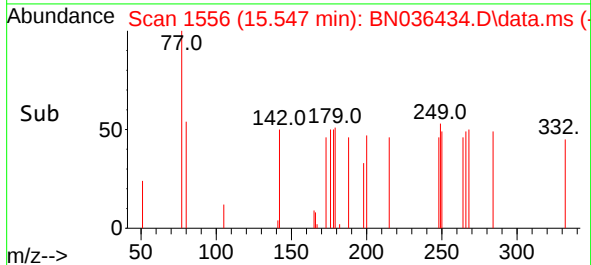
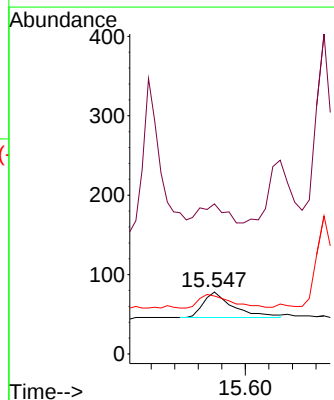
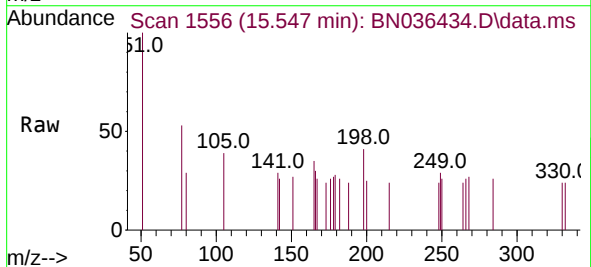
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2025

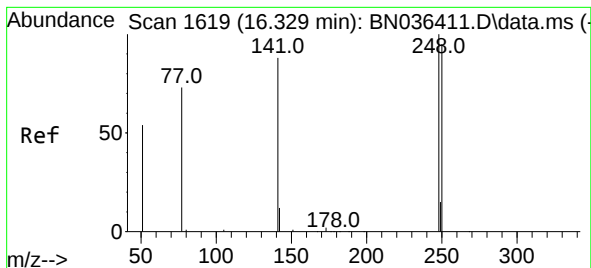
Tgt Ion:188 Resp: 8274
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 9.8 14.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.068 ng
RT: 15.547 min Scan# 1556
Delta R.T. 0.024 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

Tgt Ion:198 Resp: 111
Ion Ratio Lower Upper
198 100
51 242.3 86.6 129.8#
105 93.6 57.5 86.3#

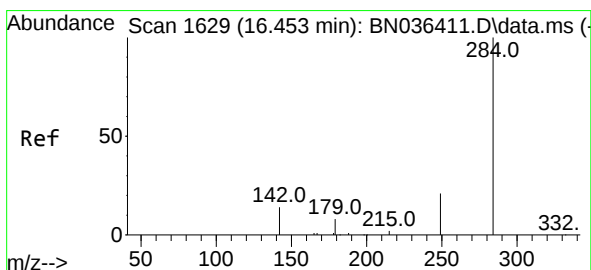
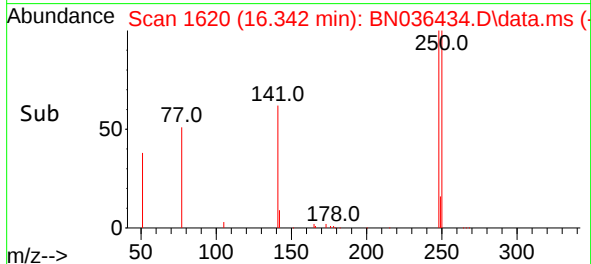
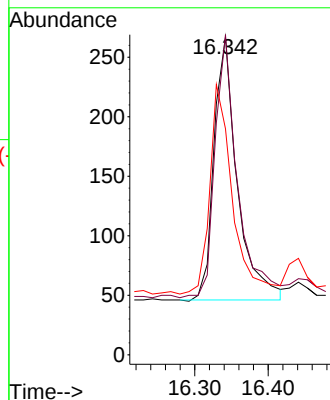
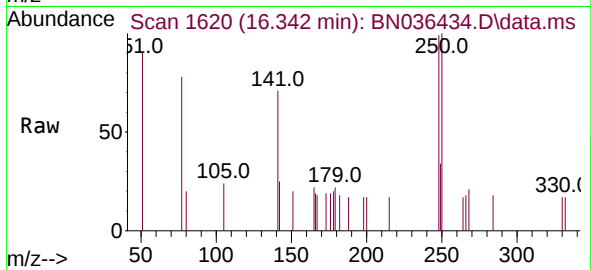




#21
4-Bromophenyl-phenylether
Concen: 0.099 ng
RT: 16.342 min Scan# 1620
Delta R.T. 0.012 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

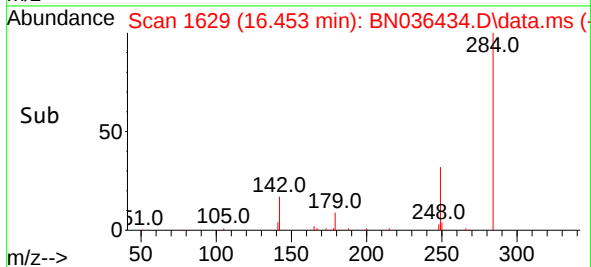
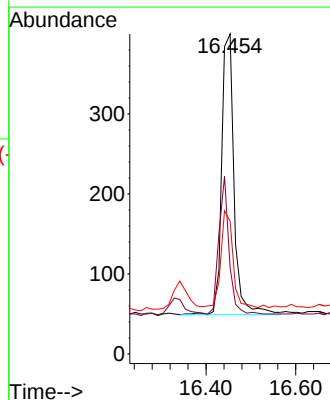
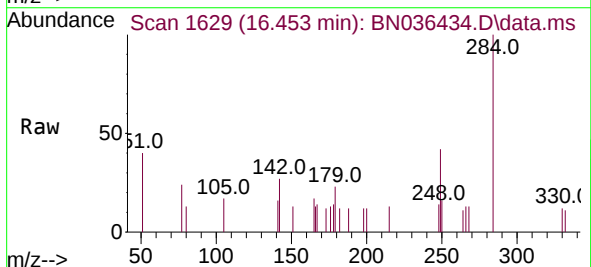
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2025

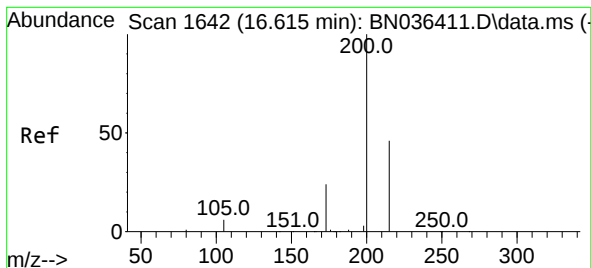
Tgt Ion:248 Resp: 487
Ion Ratio Lower Upper
248 100
250 100.7 76.1 114.1
141 71.2 71.7 107.5#



#22
Hexachlorobenzene
Concen: 0.111 ng
RT: 16.453 min Scan# 1629
Delta R.T. 0.000 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

Tgt Ion:284 Resp: 676
Ion Ratio Lower Upper
284 100
142 40.1 33.4 50.0
249 33.7 28.6 43.0





#23

Atrazine

Concen: 0.102 ng

RT: 16.615 min Scan# 1642

Delta R.T. 0.000 min

Lab File: BN036434.D

Acq: 12 Feb 2025 10:56

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT1-2025

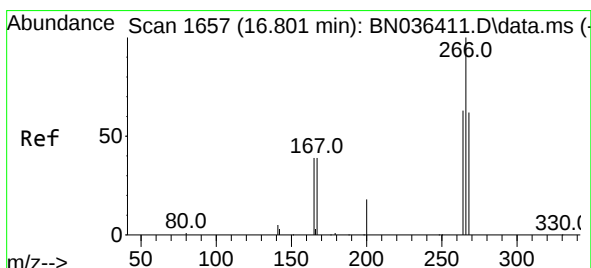
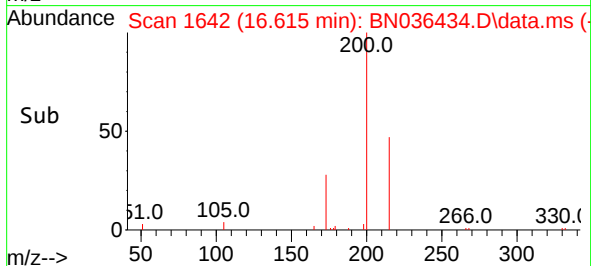
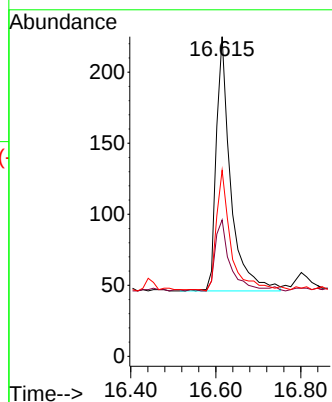
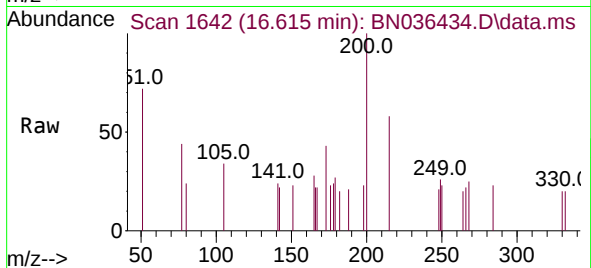
Tgt Ion:200 Resp: 422

Ion Ratio Lower Upper

200 100

173 42.7 23.2 34.8#

215 58.2 40.0 60.0



#24

Pentachlorophenol

Concen: 0.048 ng

RT: 16.801 min Scan# 1657

Delta R.T. 0.000 min

Lab File: BN036434.D

Acq: 12 Feb 2025 10:56

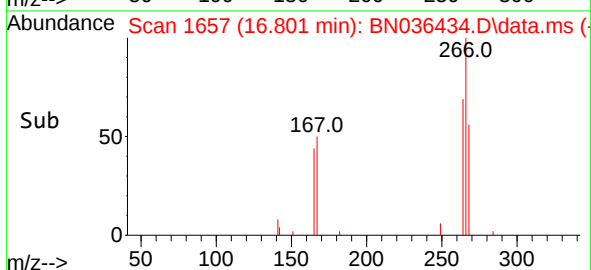
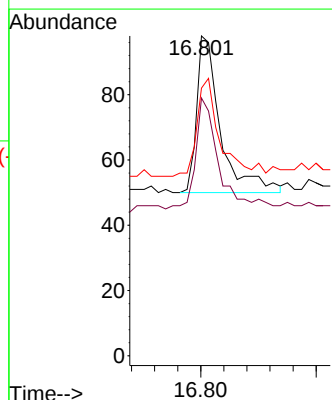
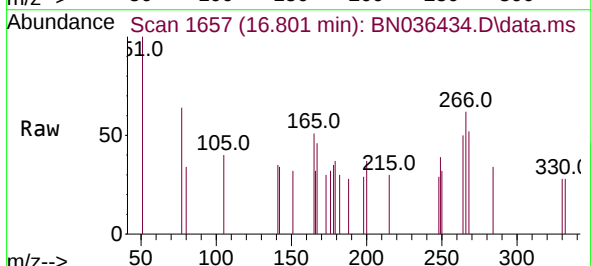
Tgt Ion:266 Resp: 138

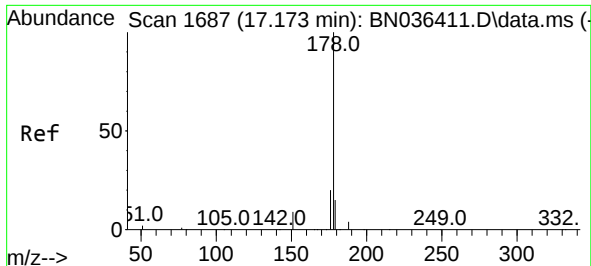
Ion Ratio Lower Upper

266 100

264 68.8 50.6 76.0

268 58.0 51.9 77.9

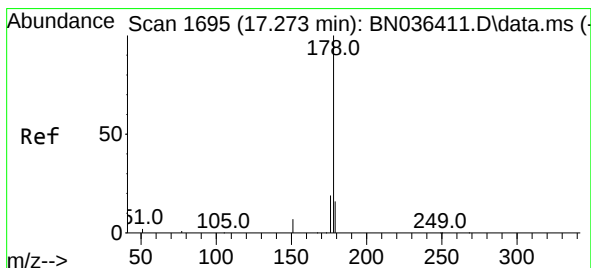
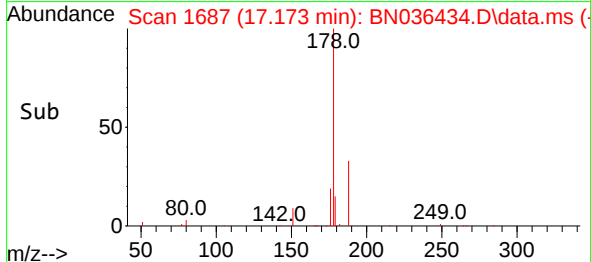
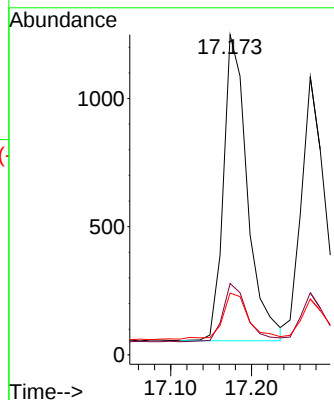
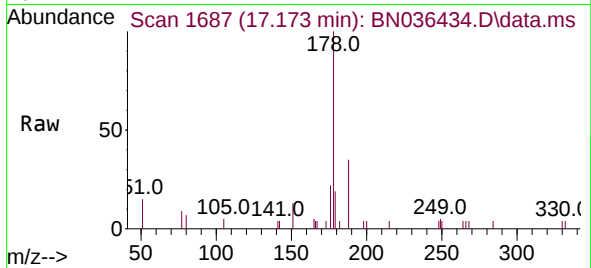




#25
Phenanthrene
Concen: 0.103 ng
RT: 17.173 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

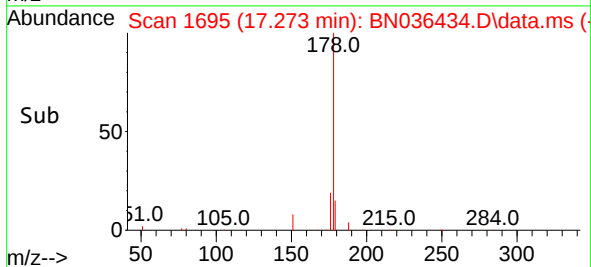
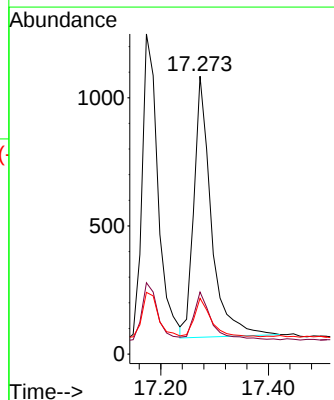
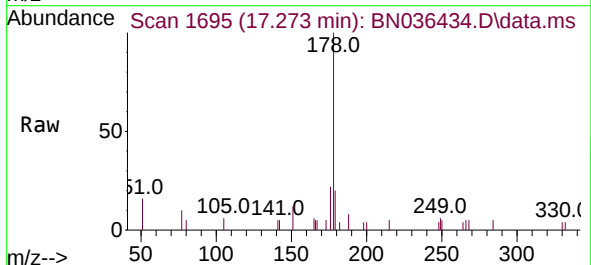
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2025

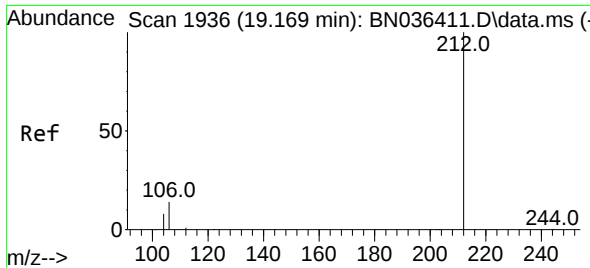
Tgt Ion:178 Resp: 2462
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 17.1 12.4 18.6



#26
Anthracene
Concen: 0.108 ng
RT: 17.273 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

Tgt Ion:178 Resp: 2279
Ion Ratio Lower Upper
178 100
176 19.1 14.9 22.3
179 14.8 12.4 18.6

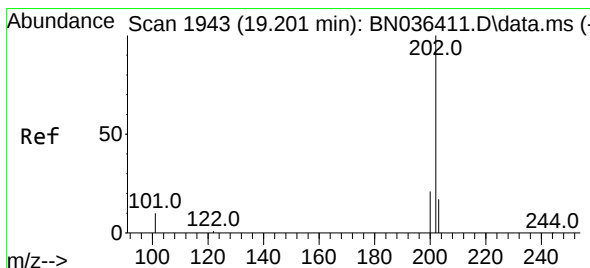
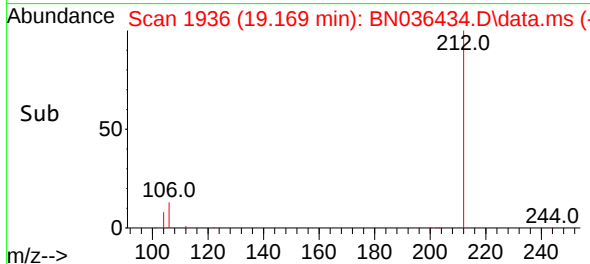
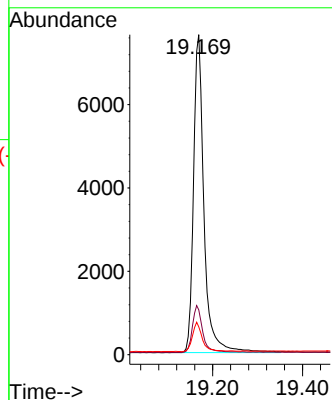
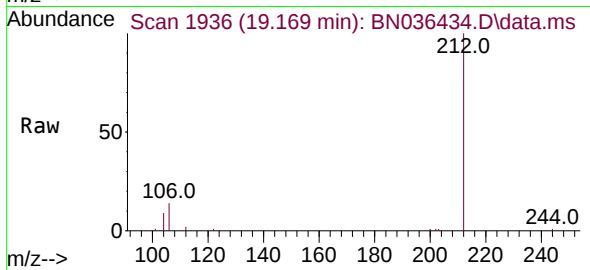




#27
Fluoranthene-d10
Concen: 0.538 ng
RT: 19.169 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

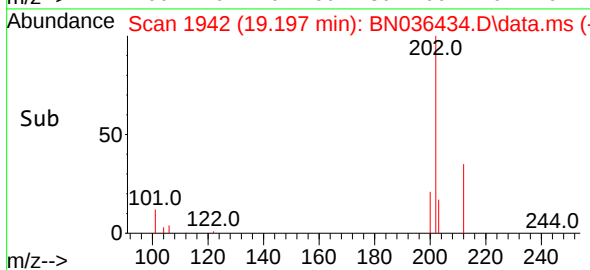
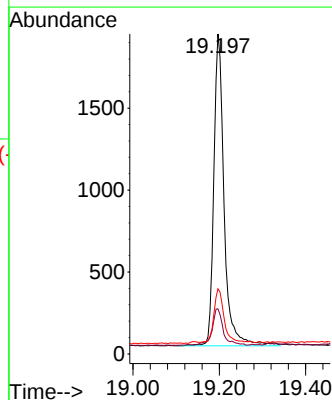
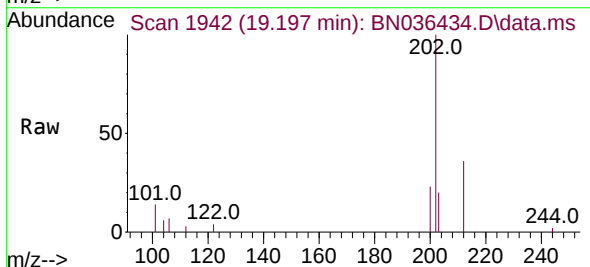
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2025

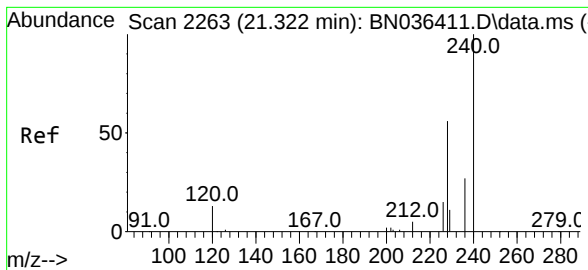
Tgt Ion:212 Resp: 12385
Ion Ratio Lower Upper
212 100
106 14.3 11.5 17.3
104 8.7 7.1 10.7



#28
Fluoranthene
Concen: 0.108 ng
RT: 19.197 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

Tgt Ion:202 Resp: 3160
Ion Ratio Lower Upper
202 100
101 12.1 9.2 13.8
203 17.5 13.4 20.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.322 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN036434.D

Acq: 12 Feb 2025 10:56

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT1-2025

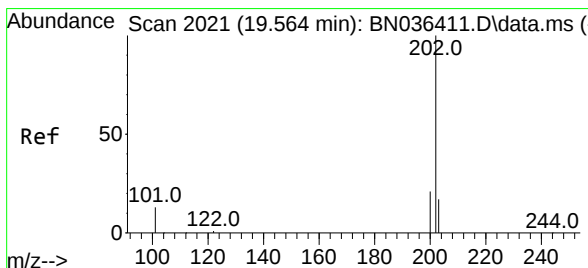
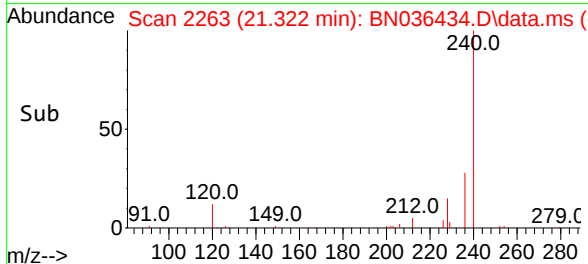
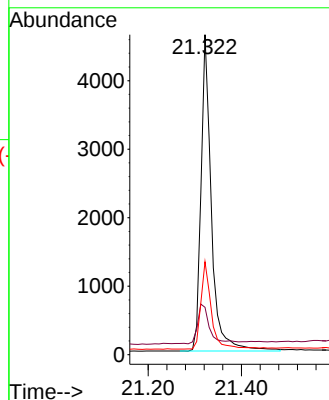
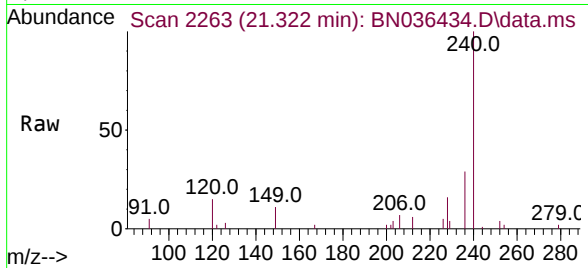
Tgt Ion:240 Resp: 7177

Ion Ratio Lower Upper

240 100

120 14.8 13.3 19.9

236 29.0 23.0 34.6



#30

Pyrene

Concen: 0.114 ng

RT: 19.559 min Scan# 2020

Delta R.T. -0.005 min

Lab File: BN036434.D

Acq: 12 Feb 2025 10:56

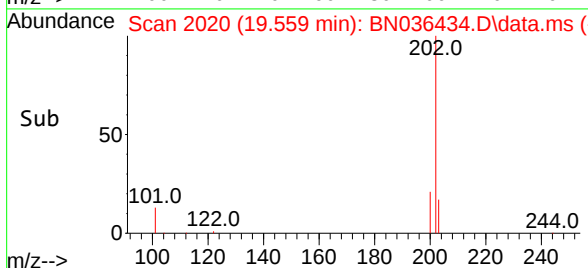
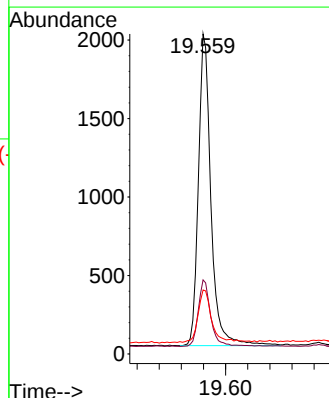
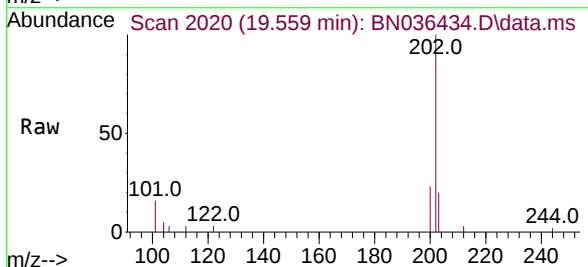
Tgt Ion:202 Resp: 3139

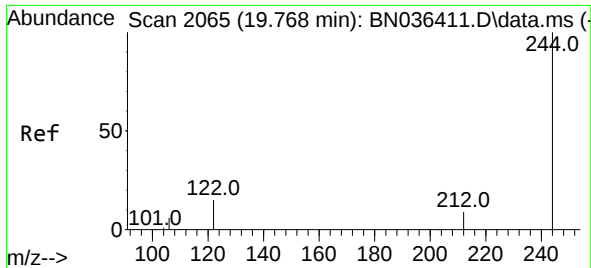
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 18.0 13.9 20.9

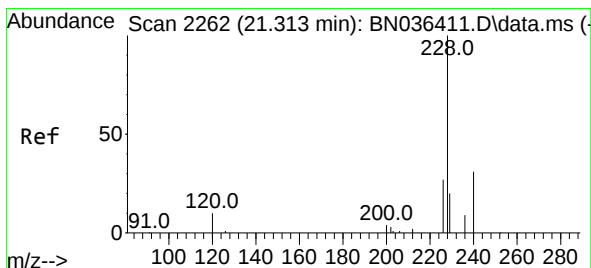
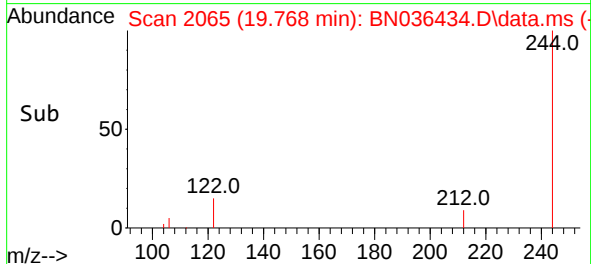
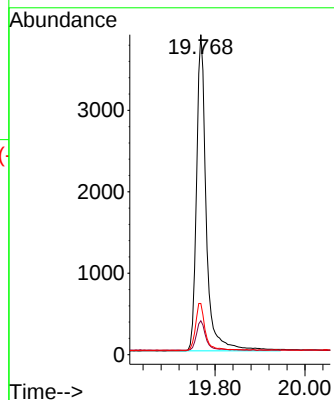
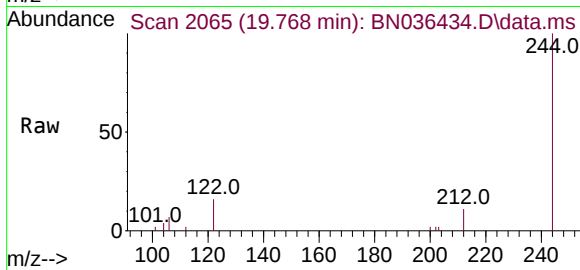




#31
 Terphenyl-d14
 Concen: 0.382 ng
 RT: 19.768 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: BN036434.D
 Acq: 12 Feb 2025 10:56

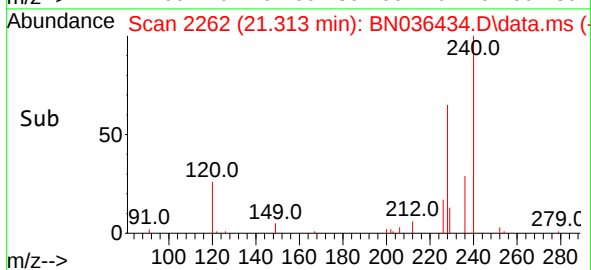
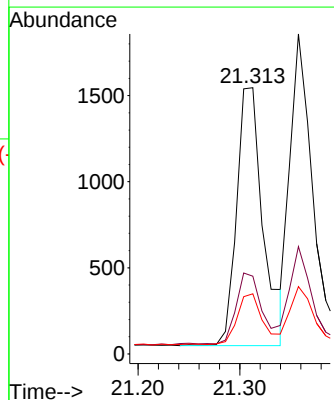
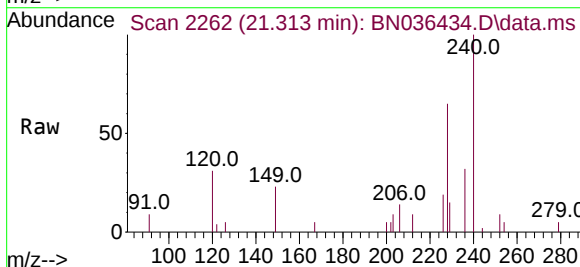
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT1-2025

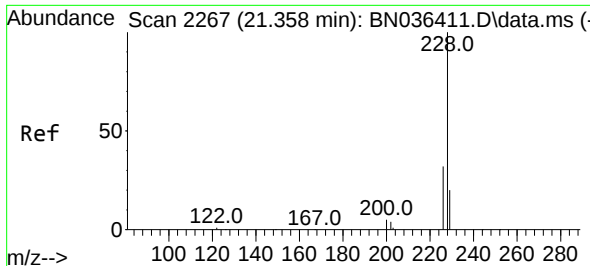
Tgt Ion:244 Resp: 5852
 Ion Ratio Lower Upper
 244 100
 212 10.6 8.1 12.1
 122 16.0 12.8 19.2



#32
 Benzo(a)anthracene
 Concen: 0.115 ng
 RT: 21.313 min Scan# 2262
 Delta R.T. 0.000 min
 Lab File: BN036434.D
 Acq: 12 Feb 2025 10:56

Tgt Ion:228 Resp: 2710
 Ion Ratio Lower Upper
 228 100
 226 29.2 22.2 33.2
 229 22.6 16.5 24.7

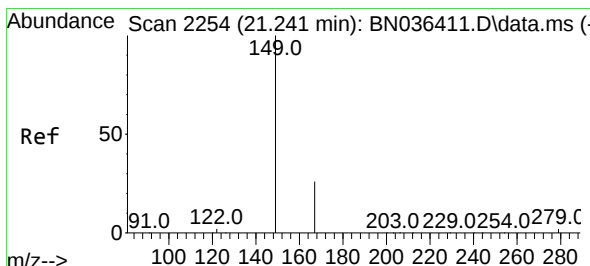
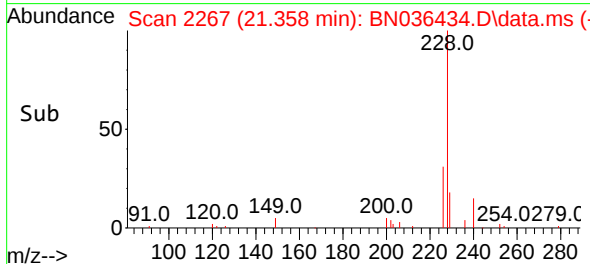
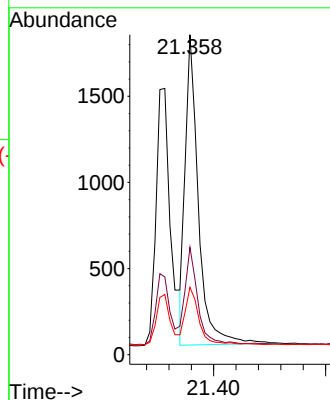
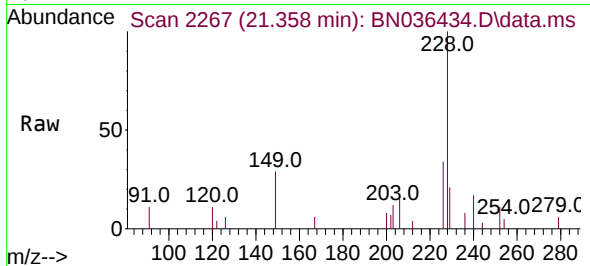




#33
Chrysene
Concen: 0.115 ng
RT: 21.358 min Scan# 2135
Delta R.T. 0.000 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

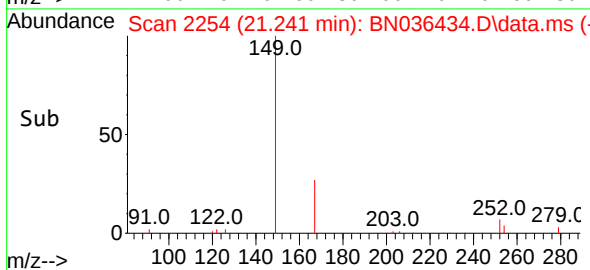
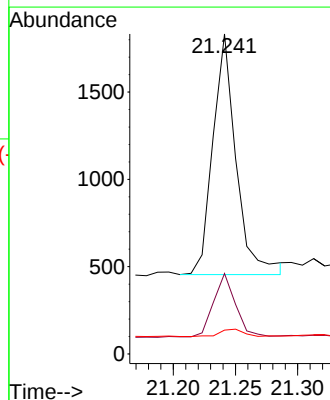
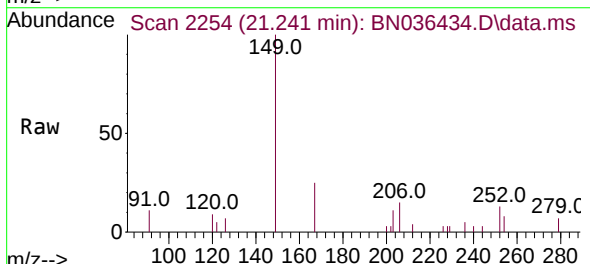
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2025

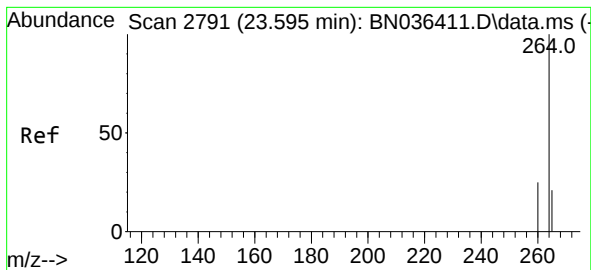
Tgt Ion:228 Resp: 2938
Ion Ratio Lower Upper
228 100
226 33.5 25.5 38.3
229 21.0 16.4 24.6



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.122 ng
RT: 21.241 min Scan# 2254
Delta R.T. 0.000 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

Tgt Ion:149 Resp: 1791
Ion Ratio Lower Upper
149 100
167 25.9 21.2 31.8
279 3.3 2.7 4.1





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.592 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN036434.D

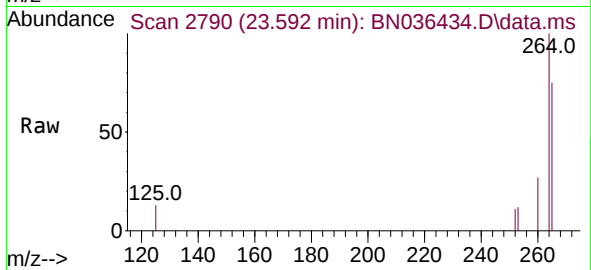
Acq: 12 Feb 2025 10:56

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT1-2025



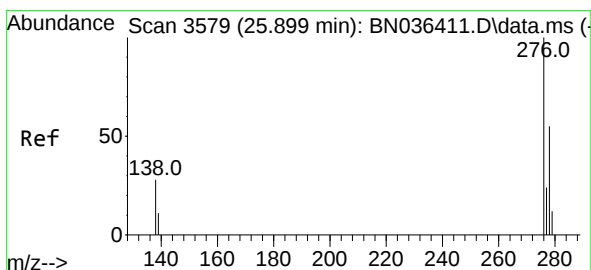
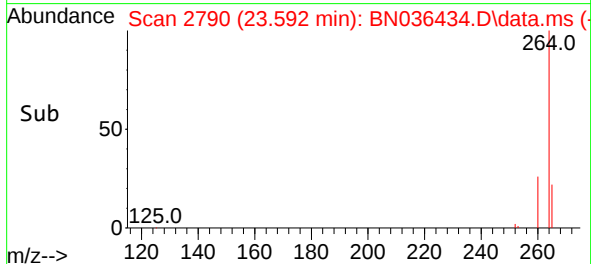
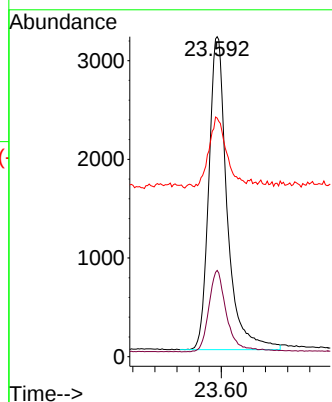
Tgt Ion:264 Resp: 7305

Ion Ratio Lower Upper

264 100

260 27.0 20.9 31.3

265 74.5 60.7 91.1



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.112 ng

RT: 25.899 min Scan# 3579

Delta R.T. 0.000 min

Lab File: BN036434.D

Acq: 12 Feb 2025 10:56

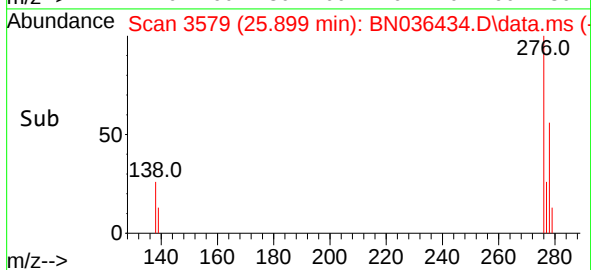
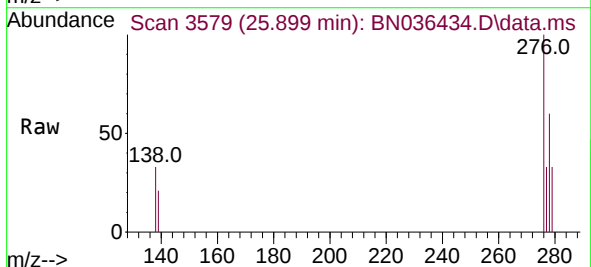
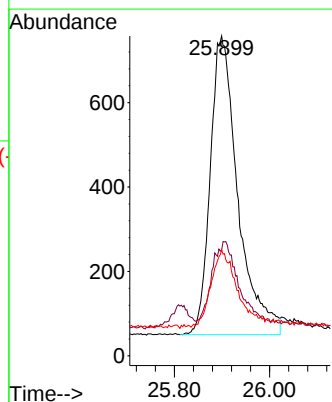
Tgt Ion:276 Resp: 2854

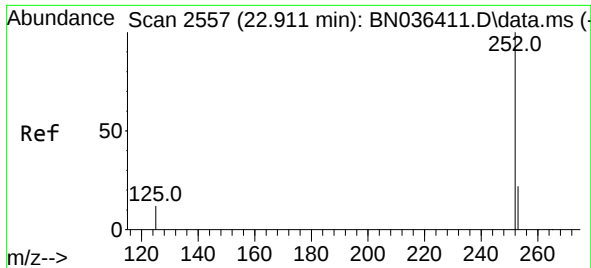
Ion Ratio Lower Upper

276 100

138 26.9 22.2 33.2

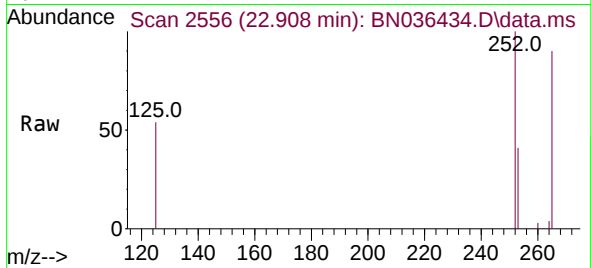
277 24.0 19.8 29.6



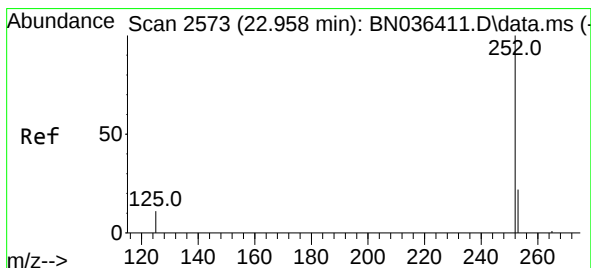
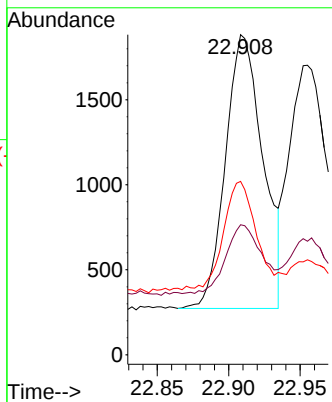


#37
Benzo(b)fluoranthene
Concen: 0.122 ng
RT: 22.908 min Scan# 2556
Delta R.T. -0.003 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2025

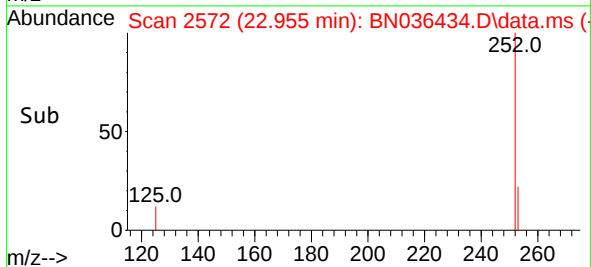
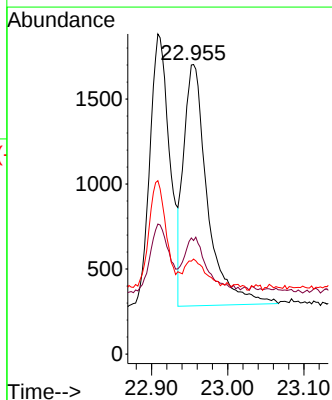
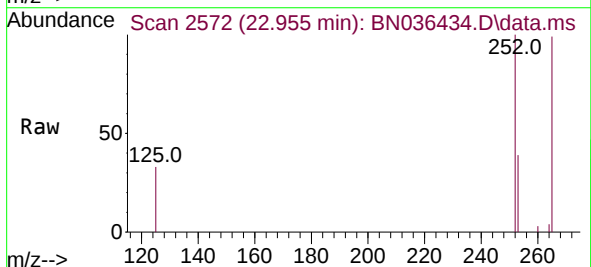


Tgt Ion:252 Resp: 2933
Ion Ratio Lower Upper
252 100
253 40.6 21.9 32.9#
125 54.2 15.0 22.6#



#38
Benzo(k)fluoranthene
Concen: 0.125 ng
RT: 22.955 min Scan# 2572
Delta R.T. -0.003 min
Lab File: BN036434.D
Acq: 12 Feb 2025 10:56

Tgt Ion:252 Resp: 3093
Ion Ratio Lower Upper
252 100
253 39.2 22.2 33.4#
125 32.8 15.0 22.4#





#39

Benzo(a)pyrene

Concen: 0.123 ng

RT: 23.493 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN036434.D

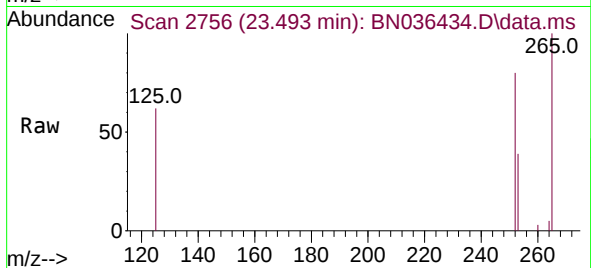
Acq: 12 Feb 2025 10:56

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT1-2025



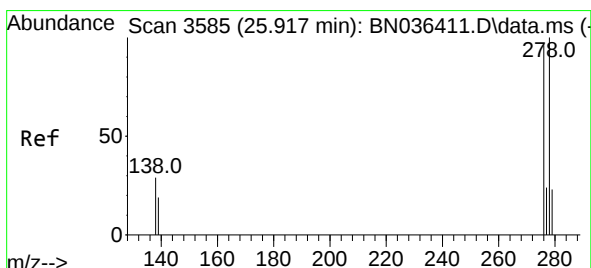
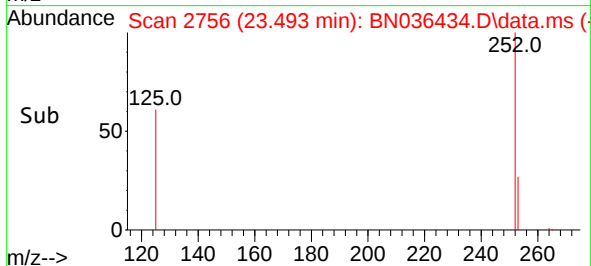
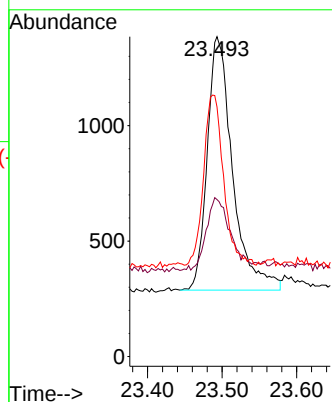
Tgt Ion:252 Resp: 2589

Ion Ratio Lower Upper

252 100

253 49.1 24.4 36.6#

125 78.1 18.2 27.2#



#40

Dibenzo(a,h)anthracene

Concen: 0.104 ng

RT: 25.917 min Scan# 3585

Delta R.T. 0.000 min

Lab File: BN036434.D

Acq: 12 Feb 2025 10:56

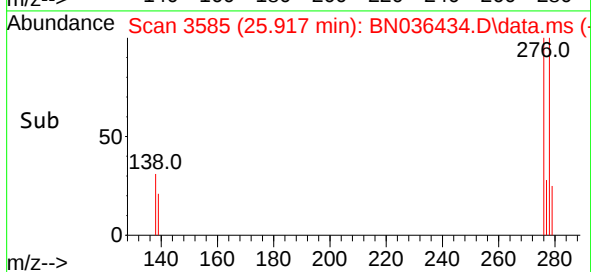
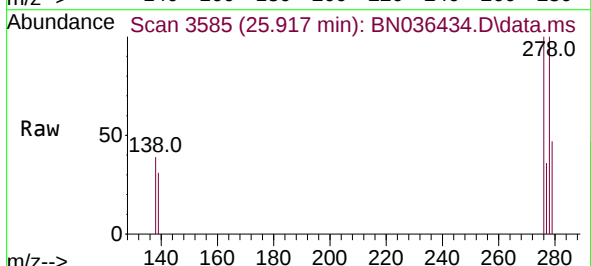
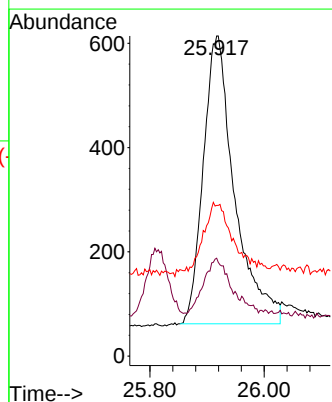
Tgt Ion:278 Resp: 2101

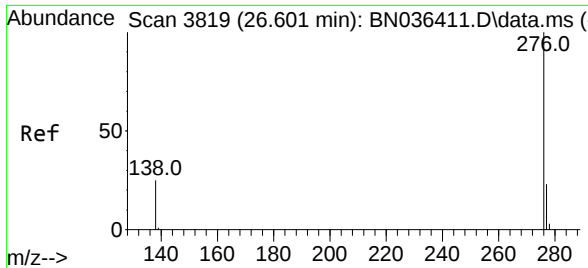
Ion Ratio Lower Upper

278 100

139 30.6 18.5 27.7#

279 47.1 24.8 37.2#





#41

Benzo(g,h,i)perylene

Concen: 0.108 ng

RT: 26.595 min Scan# 3817

Delta R.T. -0.006 min

Lab File: BN036434.D

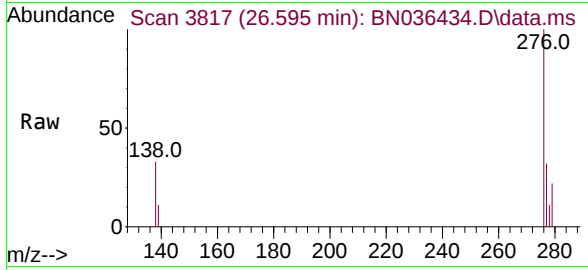
Acq: 12 Feb 2025 10:56

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT1-2025



Tgt Ion:276 Resp: 2466

Ion Ratio Lower Upper

276 100

277 31.8 20.7 31.1#

138 33.0 21.8 32.6#

