

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021125\
 Data File : BN036426.D
 Acq On : 11 Feb 2025 16:40
 Operator : RC/JU
 Sample : Q1168-01
 Misc : LOD-MDL-SOIL 0.2 PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Quant Time: Feb 11 17:04:20 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)

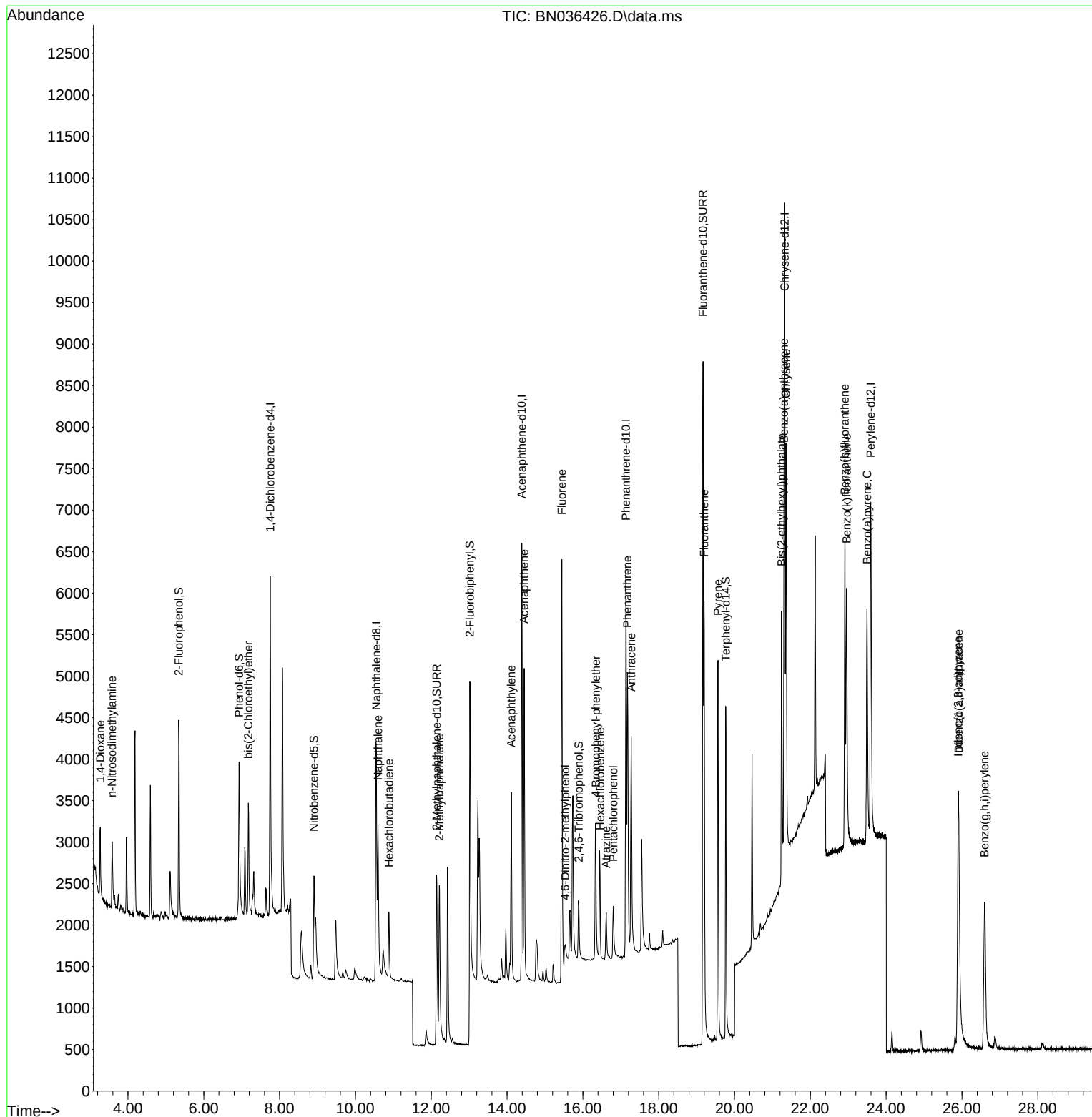
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.753	152	2041	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	5013	0.400	ng	# 0.01
13) Acenaphthene-d10	14.387	164	3247	0.400	ng	0.00
19) Phenanthrene-d10	17.136	188	7374	0.400	ng	0.00
29) Chrysene-d12	21.322	240	6547	0.400	ng	0.00
35) Perylene-d12	23.595	264	6542	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	1828	0.379	ng	0.00
5) Phenol-d6	6.930	99	2061	0.364	ng	0.00
8) Nitrobenzene-d5	8.907	82	1461	0.295	ng	0.00
11) 2-Methylnaphthalene-d10	12.141	152	4104	0.533	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	538	0.334	ng	0.01
15) 2-Fluorobiphenyl	13.019	172	3855	0.316	ng	0.00
27) Fluoranthene-d10	19.169	212	11035	0.538	ng	0.00
31) Terphenyl-d14	19.768	244	4669	0.334	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.268	88	472	0.211	ng	93
3) n-Nitrosodimethylamine	3.579	42	762	0.196	ng	# 93
6) bis(2-Chloroethyl)ether	7.175	93	1173	0.198	ng	94
9) Naphthalene	10.594	128	2756	0.191	ng	# 94
10) Hexachlorobutadiene	10.882	225	730	0.207	ng	# 97
12) 2-Methylnaphthalene	12.212	142	1862	0.196	ng	98
16) Acenaphthylene	14.110	152	2846	0.198	ng	99
17) Acenaphthene	14.452	154	1963	0.205	ng	97
18) Fluorene	15.446	166	2665	0.195	ng	98
20) 4,6-Dinitro-2-methylph...	15.535	198	198	0.137	ng	# 60
21) 4-Bromophenyl-phenylether	16.342	248	841	0.191	ng	# 81
22) Hexachlorobenzene	16.453	284	1075	0.198	ng	100
23) Atrazine	16.615	200	693	0.189	ng	# 93
24) Pentachlorophenol	16.801	266	445	0.173	ng	99
25) Phenanthrene	17.173	178	4134	0.194	ng	99
26) Anthracene	17.273	178	3729	0.198	ng	98
28) Fluoranthene	19.197	202	4877	0.186	ng	98
30) Pyrene	19.564	202	5008	0.199	ng	99
32) Benzo(a)anthracene	21.304	228	4294	0.199	ng	98
33) Chrysene	21.357	228	4673	0.200	ng	98
34) Bis(2-ethylhexyl)phtha...	21.241	149	2663	0.198	ng	99
36) Indeno(1,2,3-cd)pyrene	25.899	276	4838	0.212	ng	96
37) Benzo(b)fluoranthene	22.911	252	4584	0.213	ng	# 77
38) Benzo(k)fluoranthene	22.955	252	4741	0.214	ng	# 86
39) Benzo(a)pyrene	23.496	252	4040	0.215	ng	# 67
40) Dibenzo(a,h)anthracene	25.911	278	3688	0.204	ng	# 89
41) Benzo(g,h,i)perylene	26.598	276	4131	0.202	ng	95

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

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Sample : Q1168-01
Misc : LOD-MDL-SOIL 0.2 PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

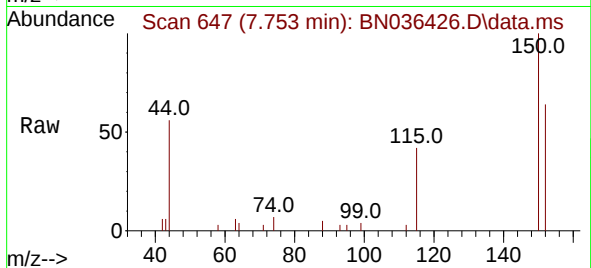
Quant Time: Feb 11 17:04:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



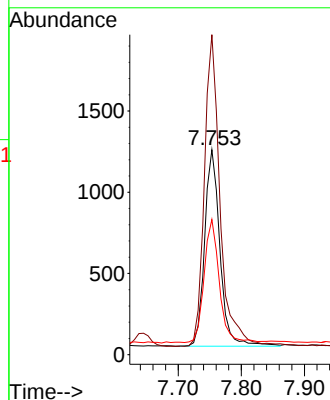
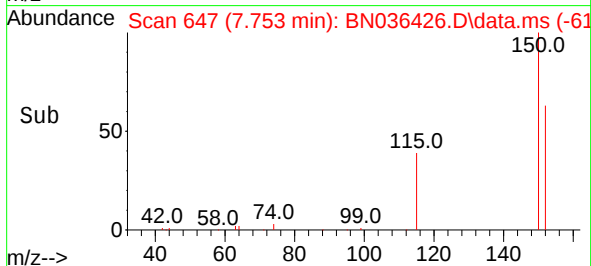


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.753 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036426.D
 Acq: 11 Feb 2025 16:40

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

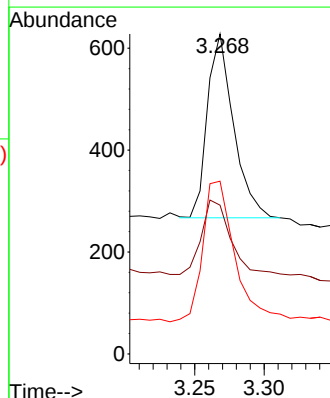
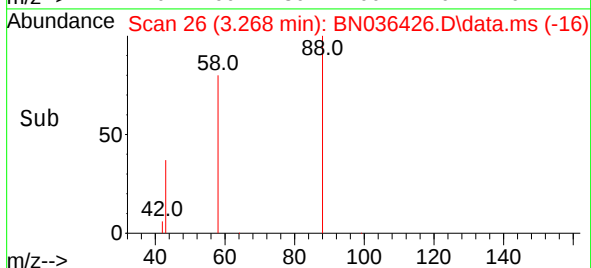
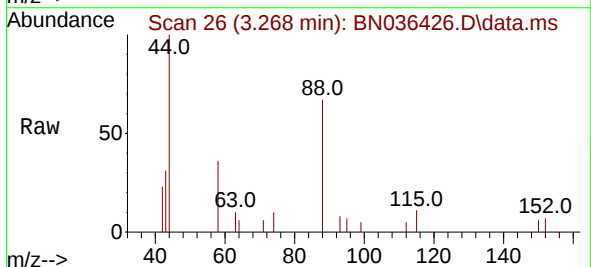


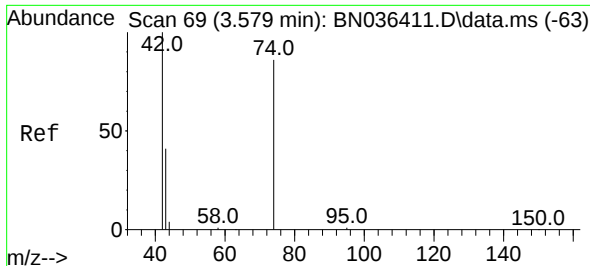
Tgt Ion:152 Resp: 2041
 Ion Ratio Lower Upper
 152 100
 150 156.1 123.7 185.5
 115 65.9 52.5 78.7



#2
 1,4-Dioxane
 Concen: 0.211 ng
 RT: 3.268 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: BN036426.D
 Acq: 11 Feb 2025 16:40

Tgt Ion: 88 Resp: 472
 Ion Ratio Lower Upper
 88 100
 43 44.5 33.7 50.5
 58 94.1 68.9 103.3

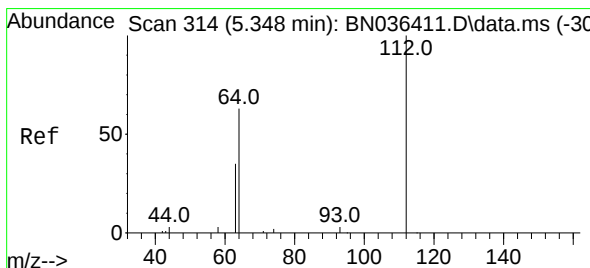
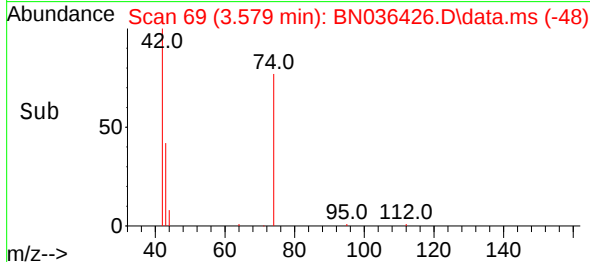
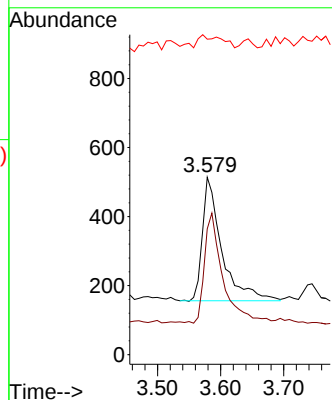
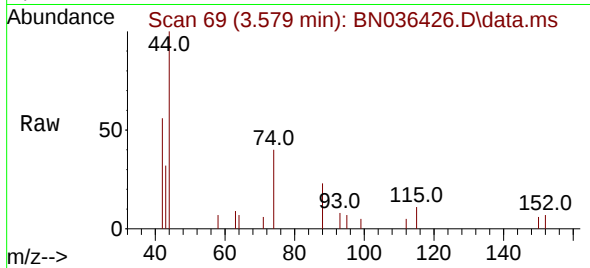




#3
n-Nitrosodimethylamine
Concen: 0.196 ng
RT: 3.579 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN036426.D
Acq: 11 Feb 2025 16:40

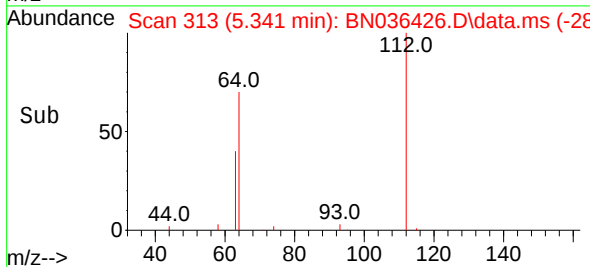
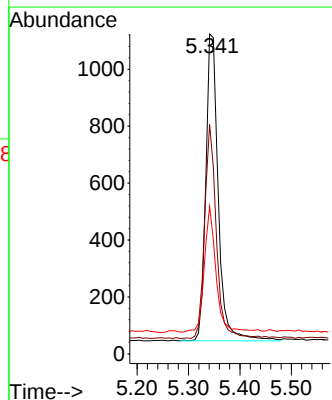
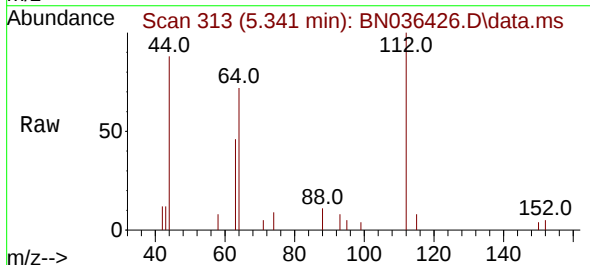
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

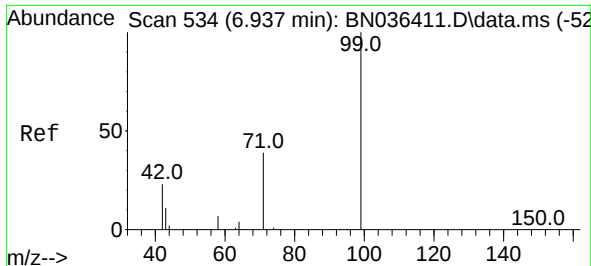
Tgt Ion: 42 Resp: 762
Ion Ratio Lower Upper
42 100
74 82.8 71.8 107.6
44 6.6 7.8 11.6#



#4
2-Fluorophenol
Concen: 0.379 ng
RT: 5.341 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN036426.D
Acq: 11 Feb 2025 16:40

Tgt Ion: 112 Resp: 1828
Ion Ratio Lower Upper
112 100
64 65.7 53.4 80.0
63 38.2 30.3 45.5

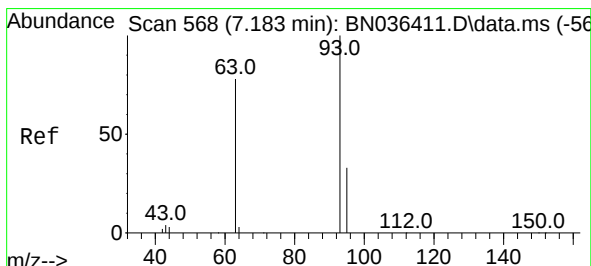
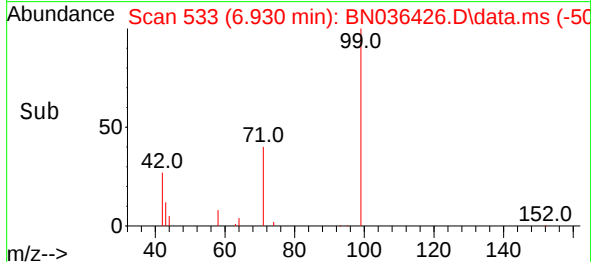
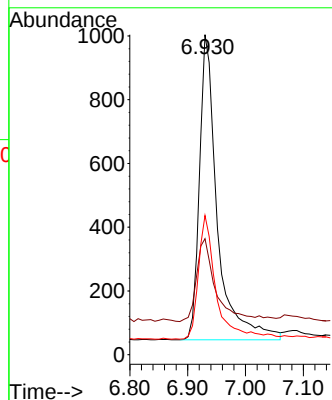
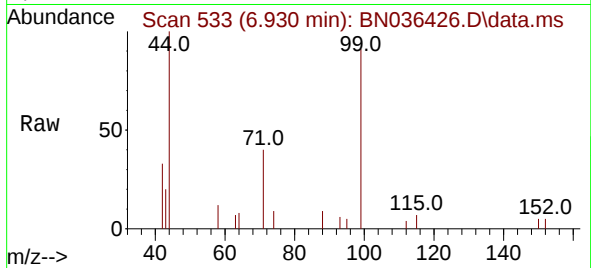




#5
Phenol-d6
Concen: 0.364 ng
RT: 6.930 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN036426.D
Acq: 11 Feb 2025 16:40

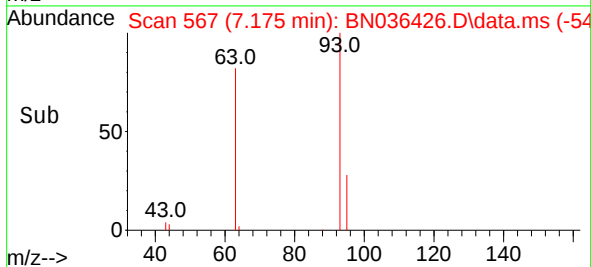
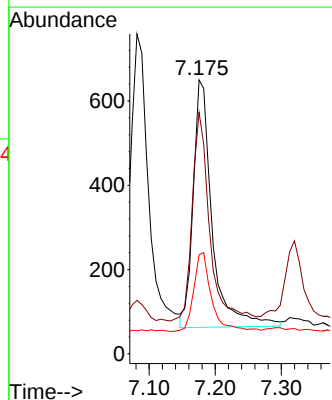
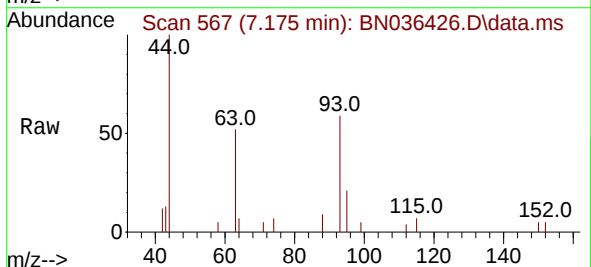
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

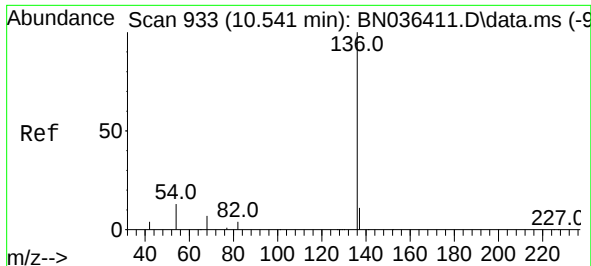
Tgt Ion: 99 Resp: 2061
Ion Ratio Lower Upper
99 100
42 28.7 21.7 32.5
71 40.6 32.6 49.0



#6
bis(2-Chloroethyl)ether
Concen: 0.198 ng
RT: 7.175 min Scan# 567
Delta R.T. -0.007 min
Lab File: BN036426.D
Acq: 11 Feb 2025 16:40

Tgt Ion: 93 Resp: 1173
Ion Ratio Lower Upper
93 100
63 77.4 66.3 99.5
95 30.1 26.2 39.4

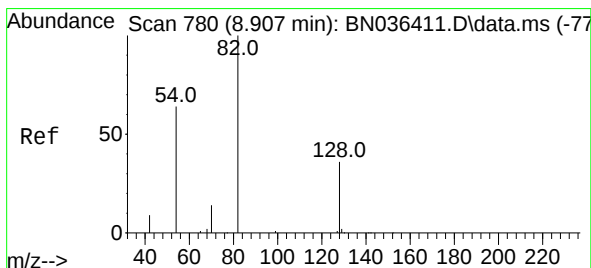
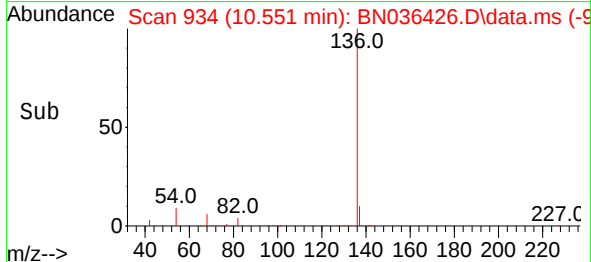
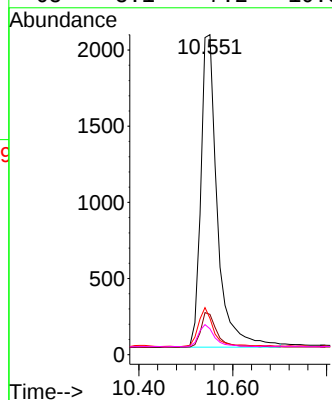
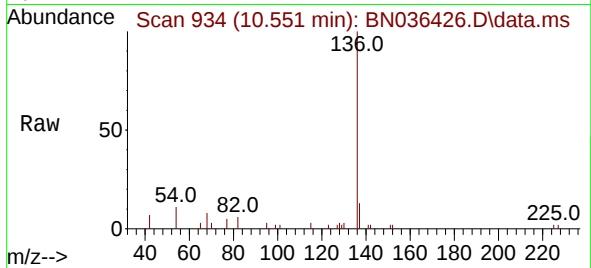




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.551 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN036426.D
Acq: 11 Feb 2025 16:40

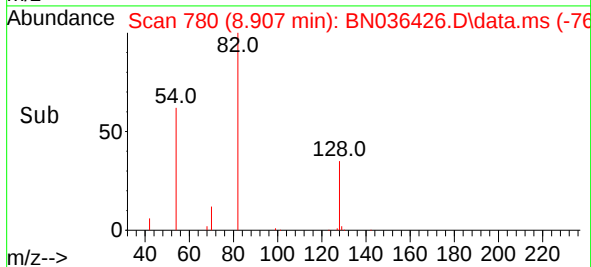
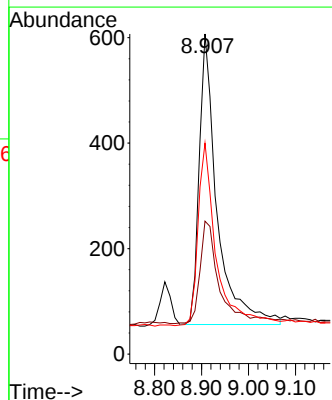
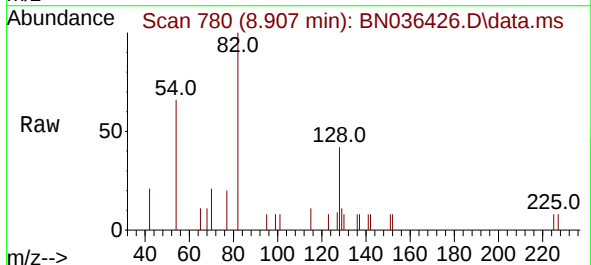
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

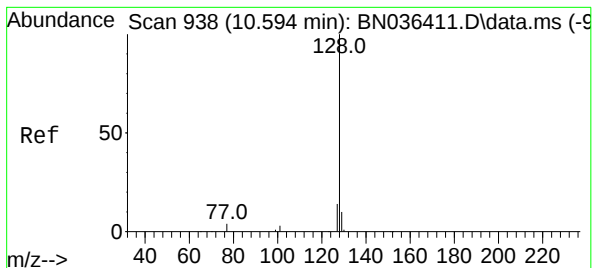
Tgt Ion:	136	Resp:	5013
Ion	Ratio	Lower	Upper
136	100		
137	12.6	10.1	15.1
54	11.3	11.8	17.6#
68	8.1	7.2	10.8



#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.907 min Scan# 780
Delta R.T. -0.000 min
Lab File: BN036426.D
Acq: 11 Feb 2025 16:40

Tgt Ion:	82	Resp:	1461
Ion	Ratio	Lower	Upper
82	100		
128	41.5	31.9	47.9
54	65.9	53.1	79.7





#9

Naphthalene

Concen: 0.191 ng

RT: 10.594 min Scan# 938

Delta R.T. -0.000 min

Lab File: BN036426.D

Acq: 11 Feb 2025 16:40

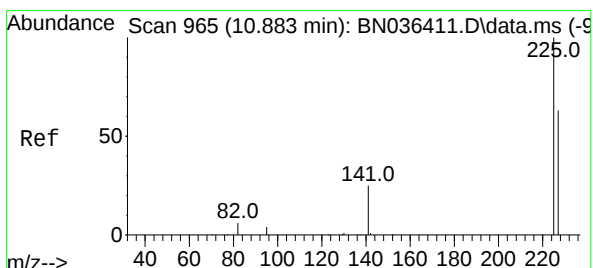
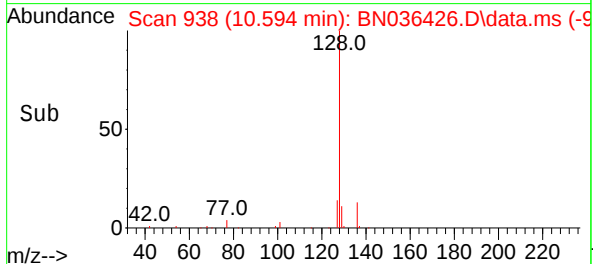
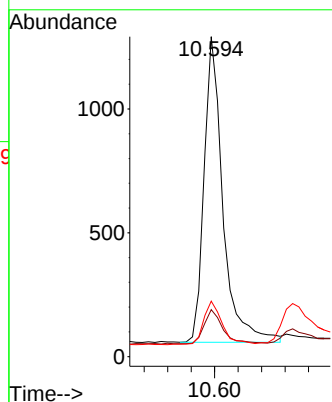
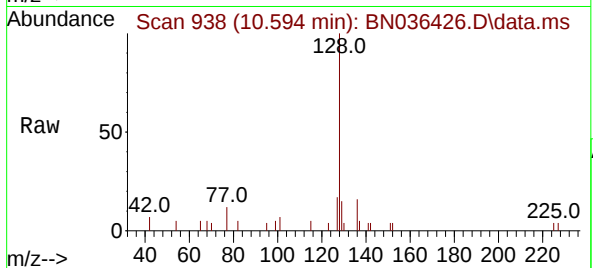
Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:	128	Resp:	2756
Ion Ratio	Lower	Upper	
128	100		
129	14.7	9.6	14.4#
127	17.3	12.0	18.0



#10

Hexachlorobutadiene

Concen: 0.207 ng

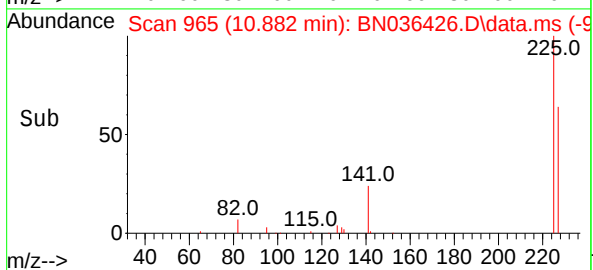
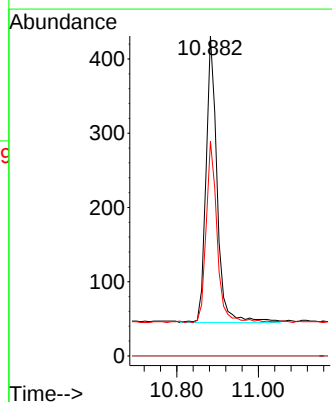
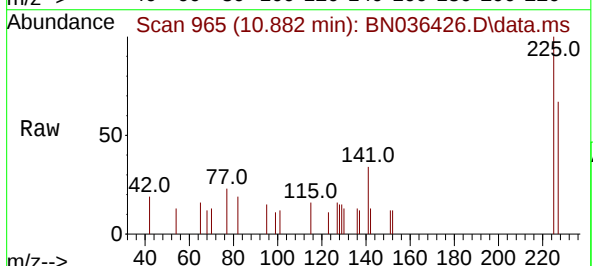
RT: 10.882 min Scan# 965

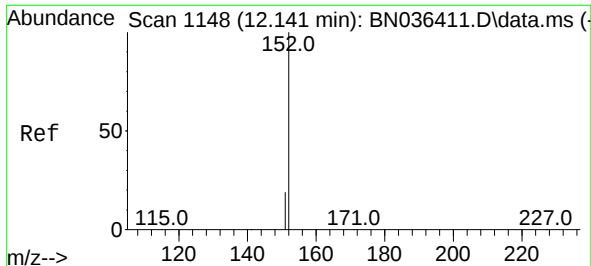
Delta R.T. -0.000 min

Lab File: BN036426.D

Acq: 11 Feb 2025 16:40

Tgt Ion:	225	Resp:	730
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	61.4	50.9	76.3

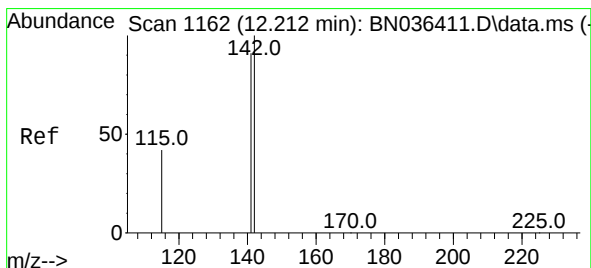
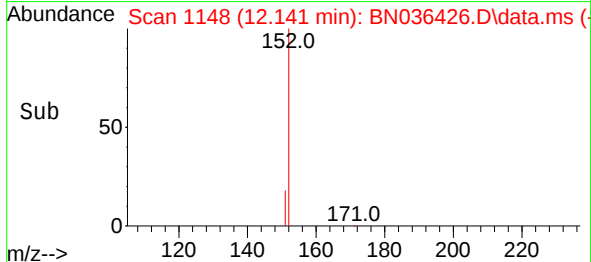
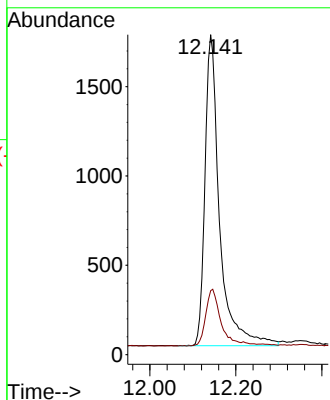
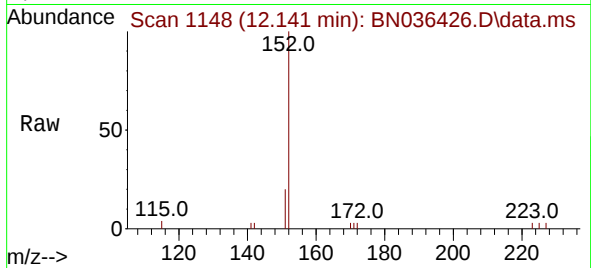




#11
2-Methylnaphthalene-d10
Concen: 0.533 ng
RT: 12.141 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BN036426.D
Acq: 11 Feb 2025 16:40

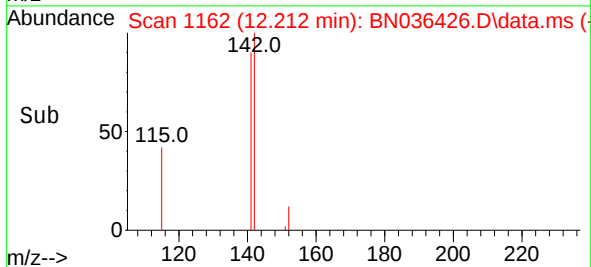
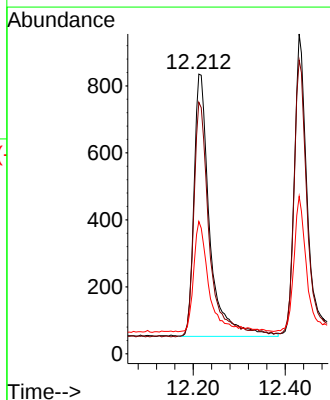
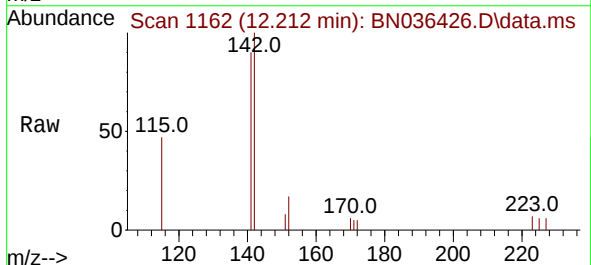
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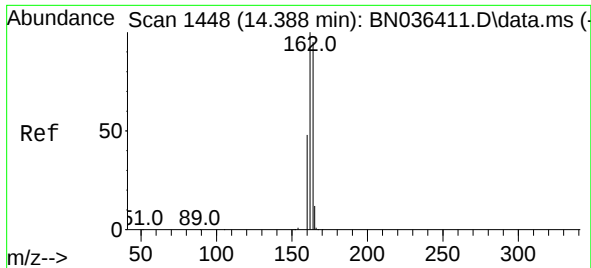
Tgt Ion:152 Resp: 4104
Ion Ratio Lower Upper
152 100
151 19.4 16.6 25.0



#12
2-Methylnaphthalene
Concen: 0.196 ng
RT: 12.212 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BN036426.D
Acq: 11 Feb 2025 16:40

Tgt Ion:142 Resp: 1862
Ion Ratio Lower Upper
142 100
141 89.9 72.8 109.2
115 47.3 35.5 53.3

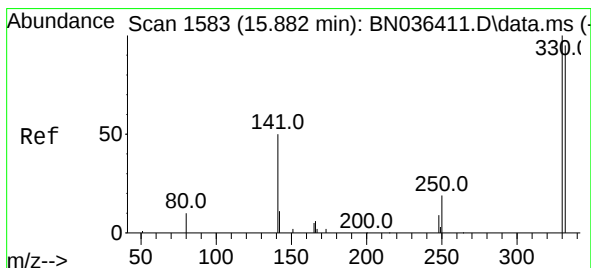
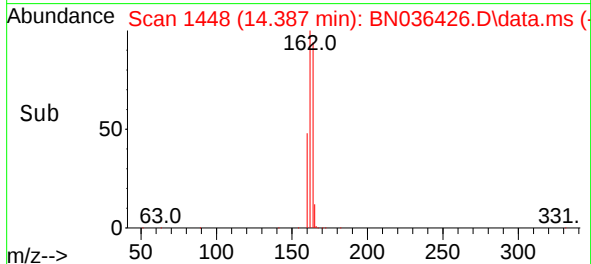
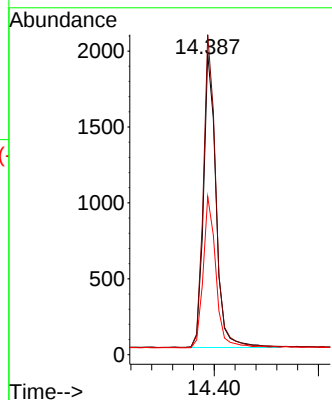
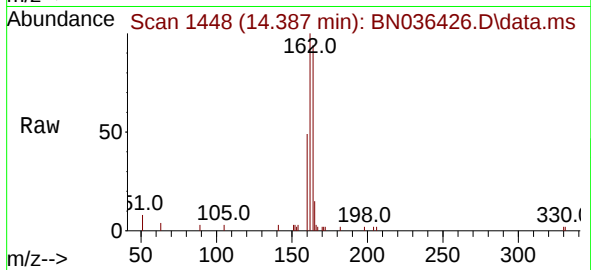




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BN036426.D
Acq: 11 Feb 2025 16:40

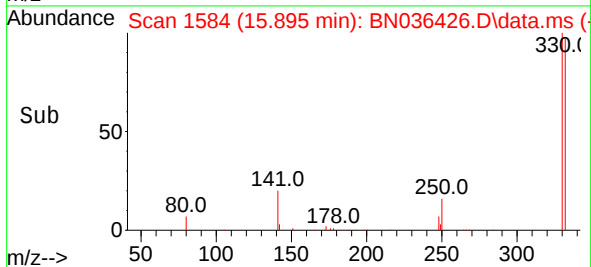
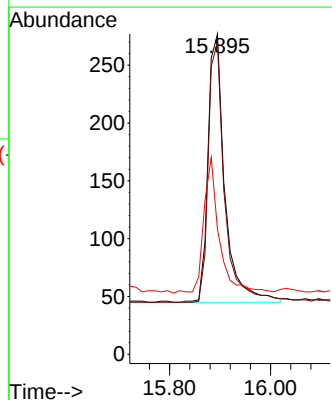
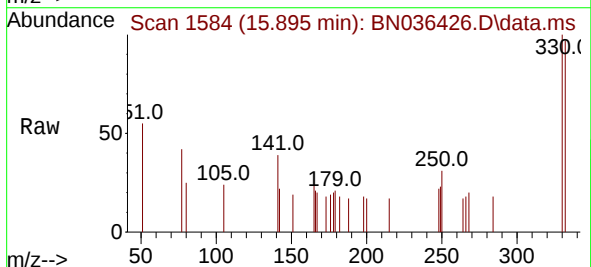
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

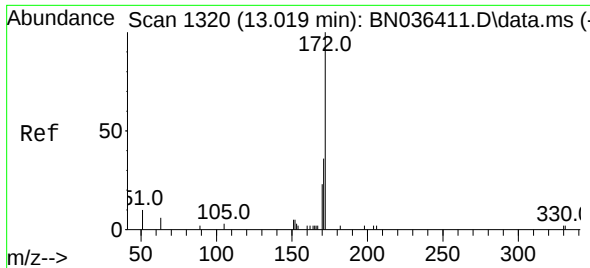
Tgt Ion:164 Resp: 3247
Ion Ratio Lower Upper
164 100
162 106.3 84.1 126.1
160 52.5 41.4 62.0



#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.012 min
Lab File: BN036426.D
Acq: 11 Feb 2025 16:40

Tgt Ion:330 Resp: 538
Ion Ratio Lower Upper
330 100
332 93.9 76.6 114.8
141 46.3 37.8 56.8





#15

2-Fluorobiphenyl

Concen: 0.316 ng

RT: 13.019 min Scan# 1421

Delta R.T. -0.000 min

Lab File: BN036426.D

Acq: 11 Feb 2025 16:40

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

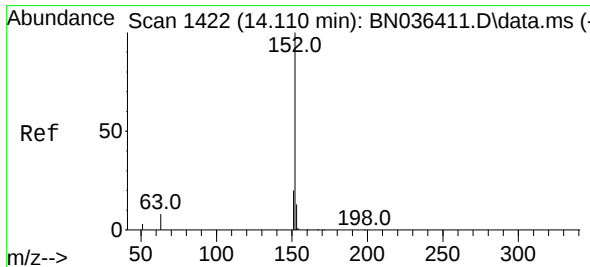
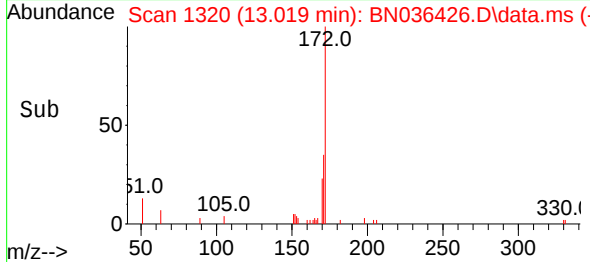
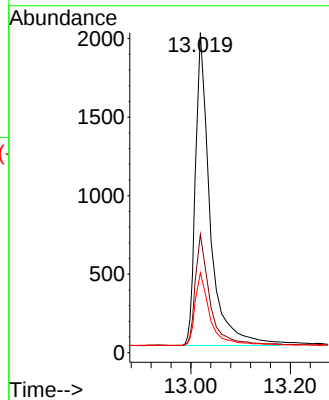
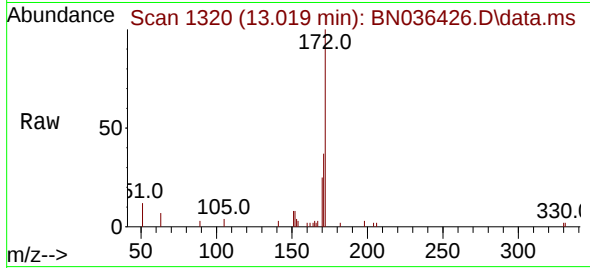
Tgt Ion:172 Resp: 3855

Ion Ratio Lower Upper

172 100

171 36.9 29.6 44.4

170 25.0 19.8 29.6



#16

Acenaphthylene

Concen: 0.198 ng

RT: 14.110 min Scan# 1422

Delta R.T. -0.000 min

Lab File: BN036426.D

Acq: 11 Feb 2025 16:40

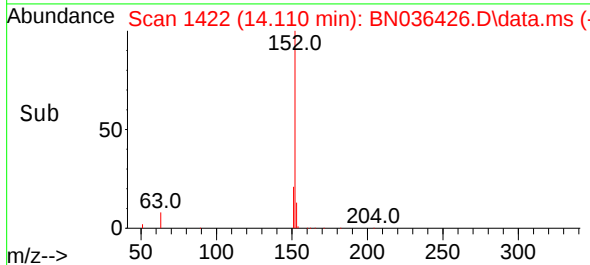
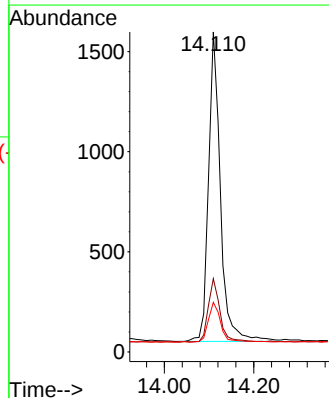
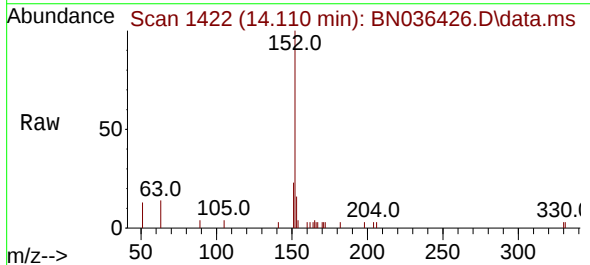
Tgt Ion:152 Resp: 2846

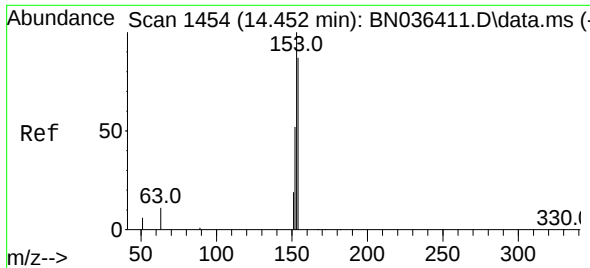
Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.5 10.2 15.2

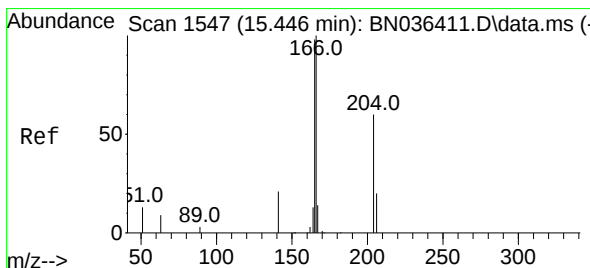
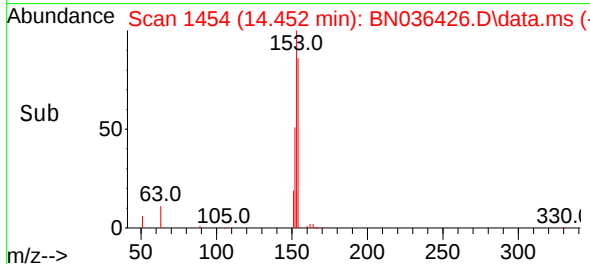
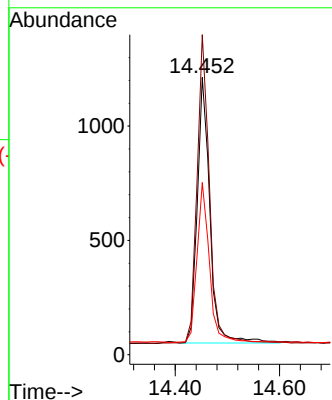
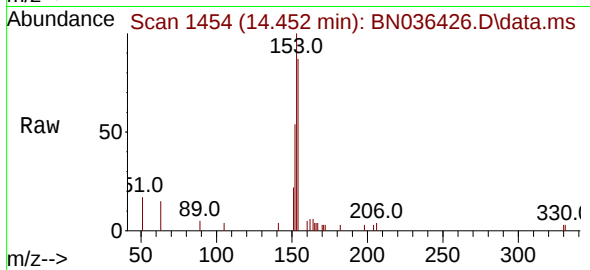




#17
Acenaphthene
Concen: 0.205 ng
RT: 14.452 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BN036426.D
Acq: 11 Feb 2025 16:40

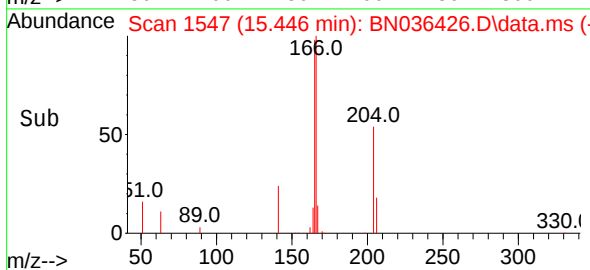
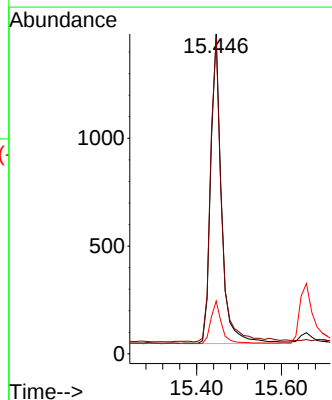
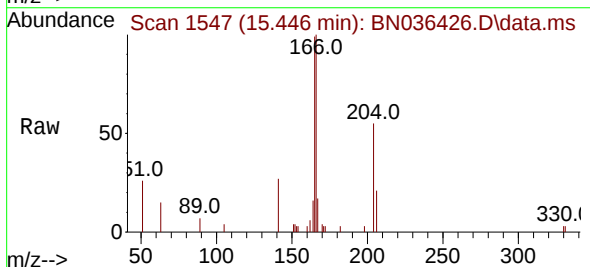
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025

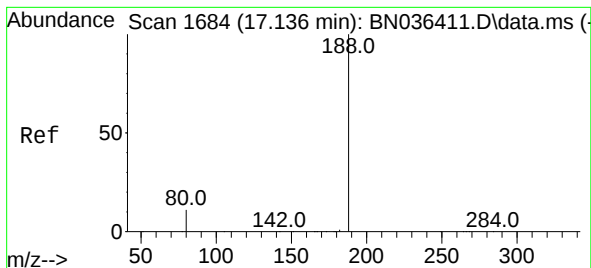
Tgt Ion:154 Resp: 1963
Ion Ratio Lower Upper
154 100
153 113.2 93.3 139.9
152 58.6 48.8 73.2



#18
Fluorene
Concen: 0.195 ng
RT: 15.446 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BN036426.D
Acq: 11 Feb 2025 16:40

Tgt Ion:166 Resp: 2665
Ion Ratio Lower Upper
166 100
165 100.9 79.5 119.3
167 13.8 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: BN036426.D

Acq: 11 Feb 2025 16:40

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

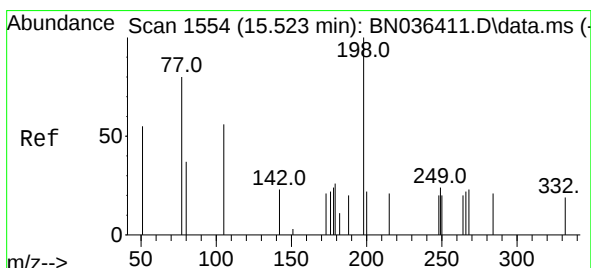
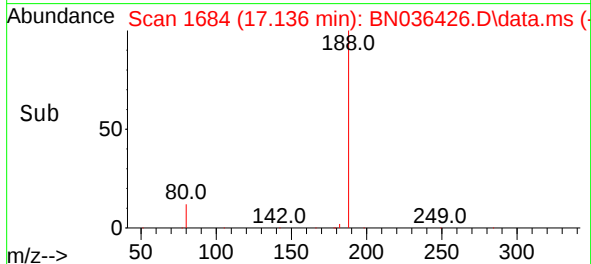
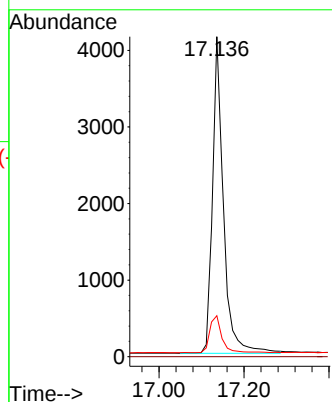
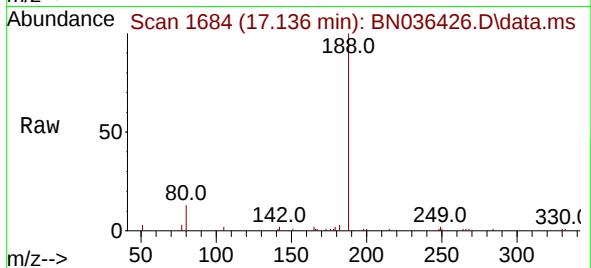
Tgt Ion:188 Resp: 7374

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.8 9.8 14.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.137 ng

RT: 15.535 min Scan# 1555

Delta R.T. 0.012 min

Lab File: BN036426.D

Acq: 11 Feb 2025 16:40

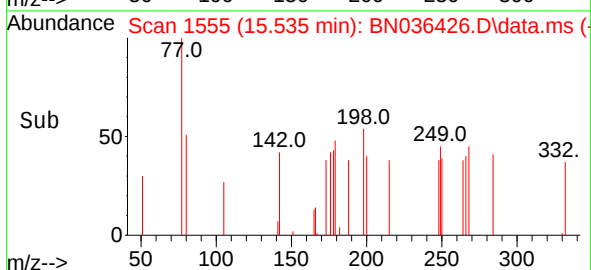
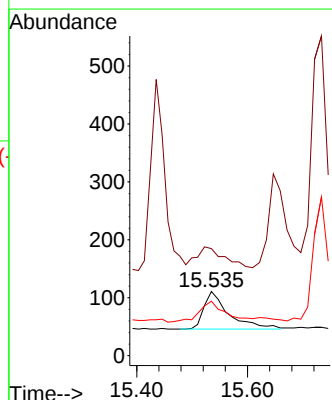
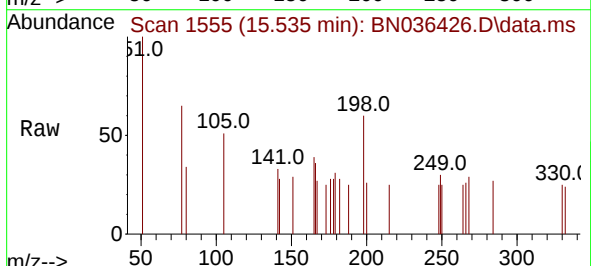
Tgt Ion:198 Resp: 198

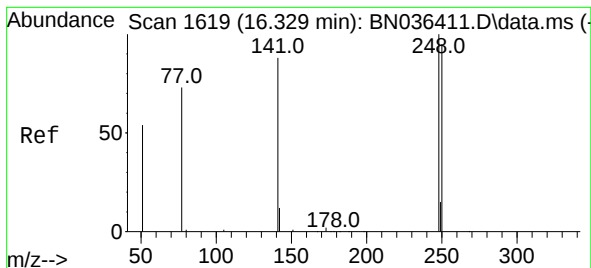
Ion Ratio Lower Upper

198 100

51 166.7 86.6 129.8#

105 84.7 57.5 86.3

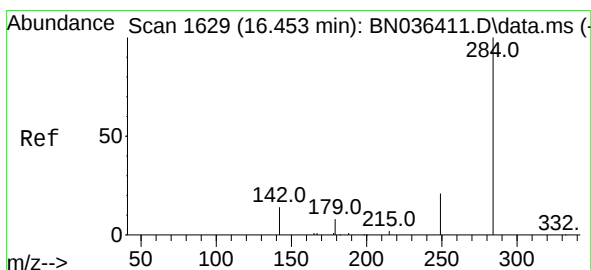
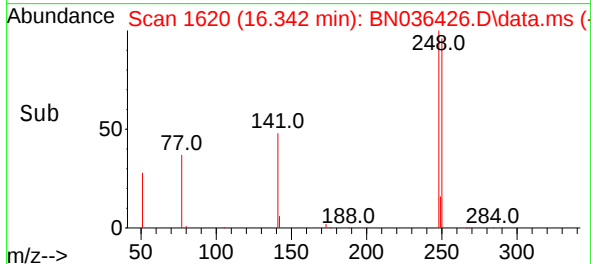
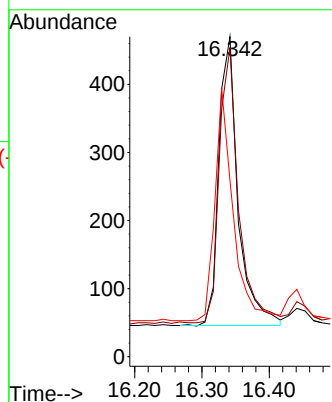
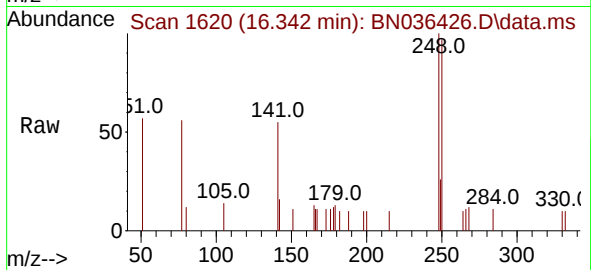




#21
4-Bromophenyl-phenylether
Concen: 0.191 ng
RT: 16.342 min Scan# 1620
Delta R.T. 0.012 min
Lab File: BN036426.D
Acq: 11 Feb 2025 16:40

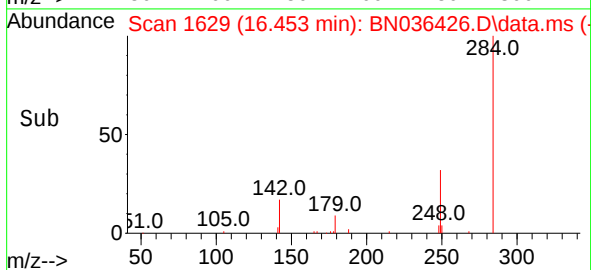
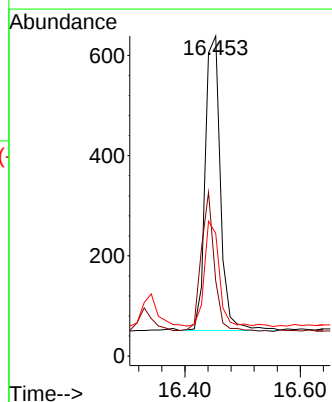
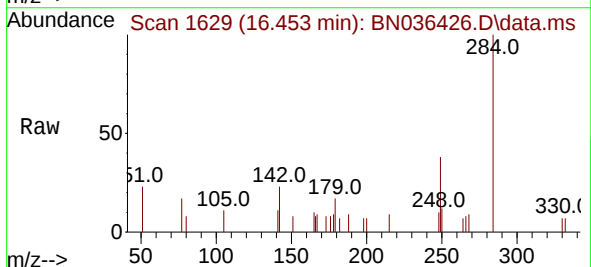
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

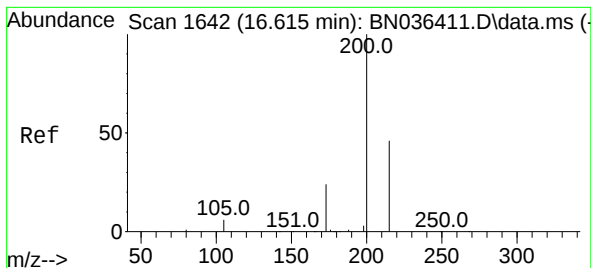
Tgt Ion:248 Resp: 841
Ion Ratio Lower Upper
248 100
250 96.6 76.1 114.1
141 55.1 71.7 107.5#



#22
Hexachlorobenzene
Concen: 0.198 ng
RT: 16.453 min Scan# 1629
Delta R.T. -0.000 min
Lab File: BN036426.D
Acq: 11 Feb 2025 16:40

Tgt Ion:284 Resp: 1075
Ion Ratio Lower Upper
284 100
142 41.7 33.4 50.0
249 35.9 28.6 43.0





#23

Atrazine

Concen: 0.189 ng

RT: 16.615 min Scan# 1642

Delta R.T. -0.000 min

Lab File: BN036426.D

Acq: 11 Feb 2025 16:40

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

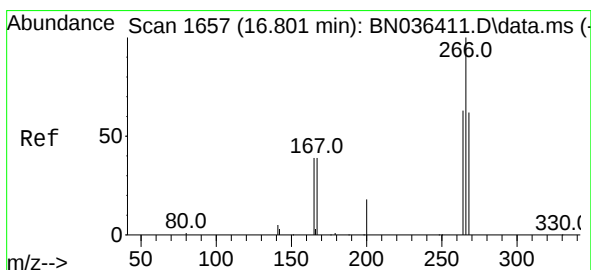
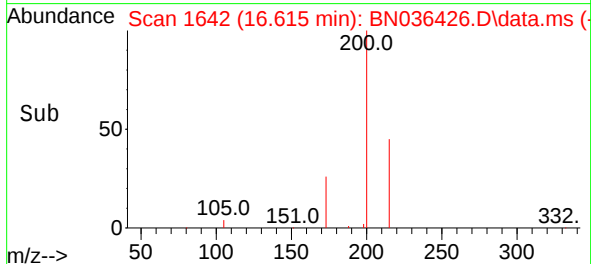
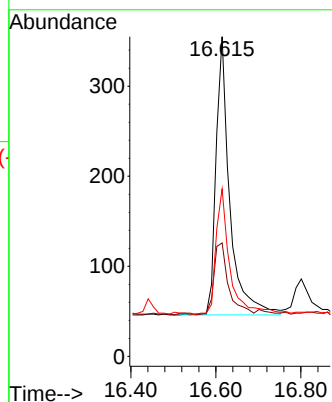
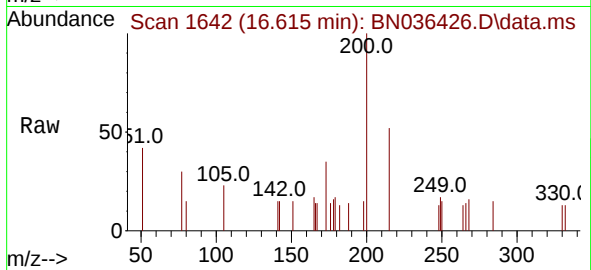
Tgt Ion:200 Resp: 693

Ion Ratio Lower Upper

200 100

173 35.5 23.2 34.8#

215 52.4 40.0 60.0



#24

Pentachlorophenol

Concen: 0.173 ng

RT: 16.801 min Scan# 1657

Delta R.T. -0.000 min

Lab File: BN036426.D

Acq: 11 Feb 2025 16:40

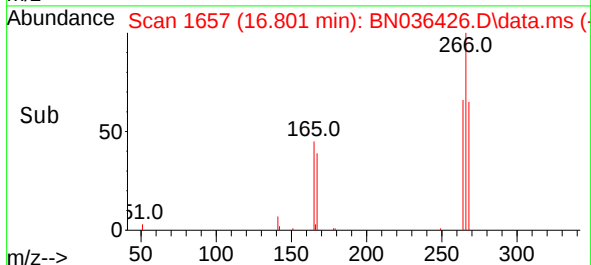
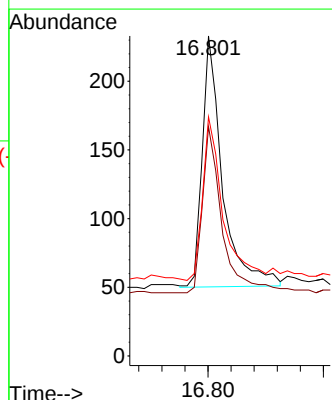
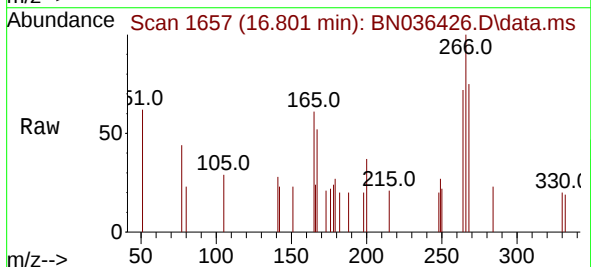
Tgt Ion:266 Resp: 445

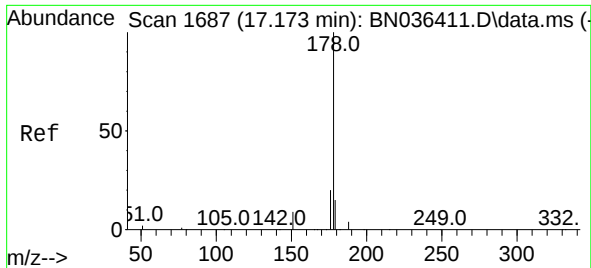
Ion Ratio Lower Upper

266 100

264 64.9 50.6 76.0

268 65.4 51.9 77.9

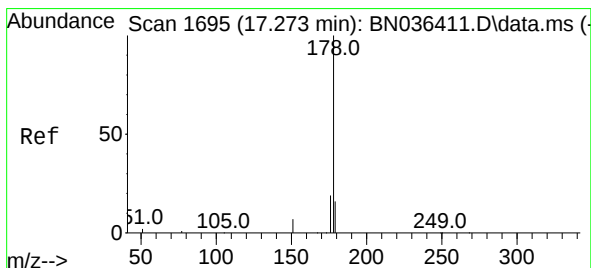
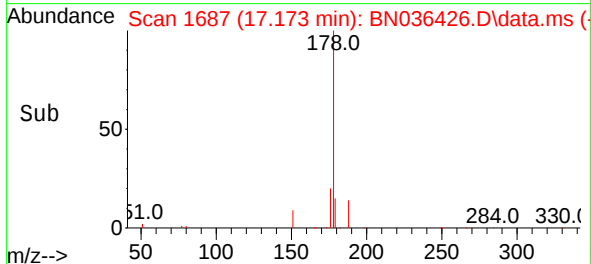
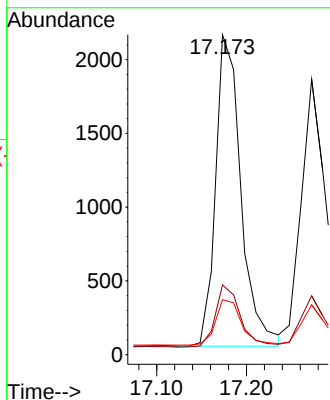
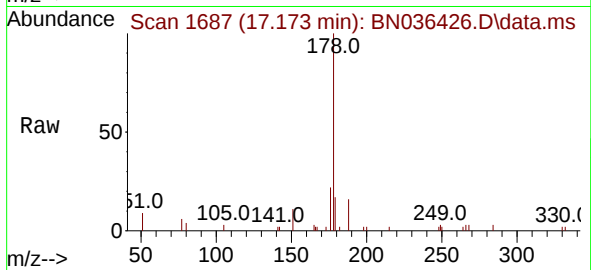




#25
Phenanthrene
Concen: 0.194 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BN036426.D
Acq: 11 Feb 2025 16:40

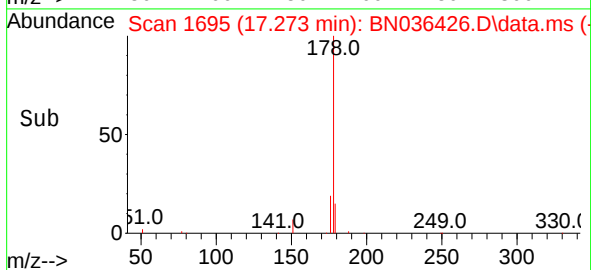
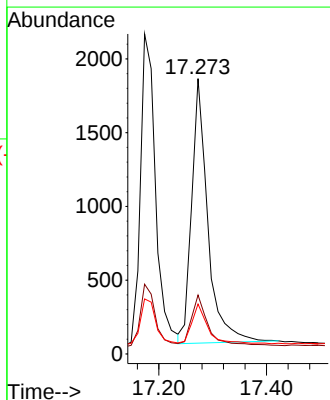
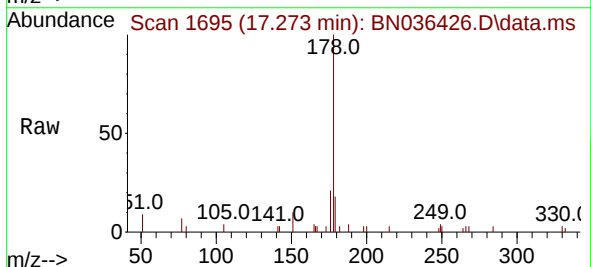
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

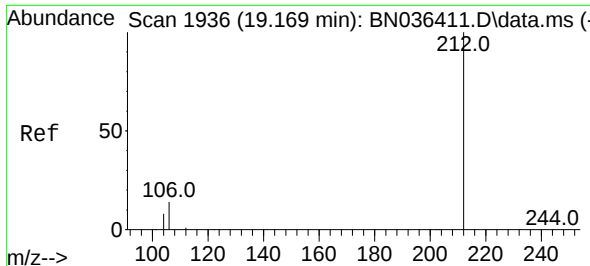
Tgt Ion:178 Resp: 4134
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.0 12.4 18.6



#26
Anthracene
Concen: 0.198 ng
RT: 17.273 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BN036426.D
Acq: 11 Feb 2025 16:40

Tgt Ion:178 Resp: 3729
Ion Ratio Lower Upper
178 100
176 19.7 14.9 22.3
179 15.1 12.4 18.6

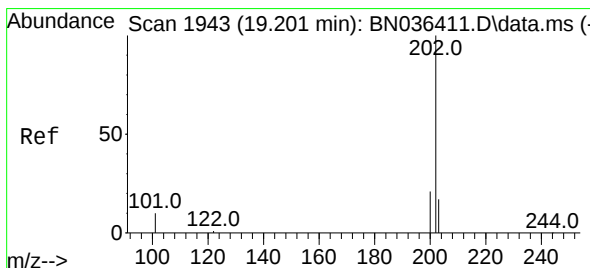
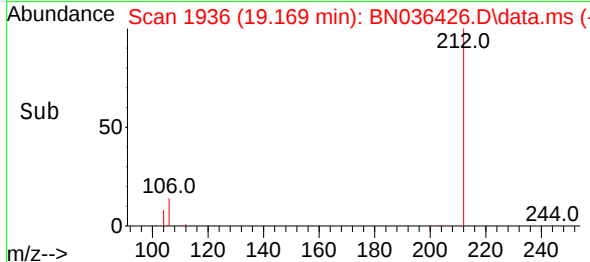
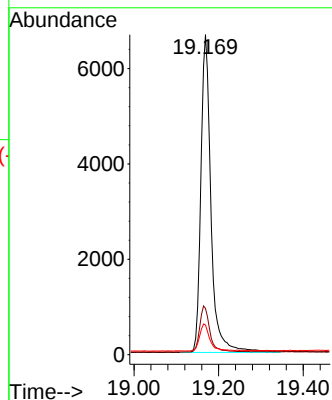
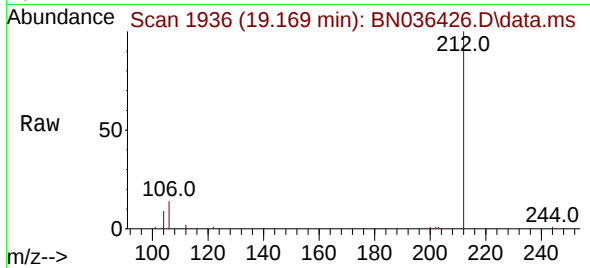




#27
Fluoranthene-d10
Concen: 0.538 ng
RT: 19.169 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BN036426.D
Acq: 11 Feb 2025 16:40

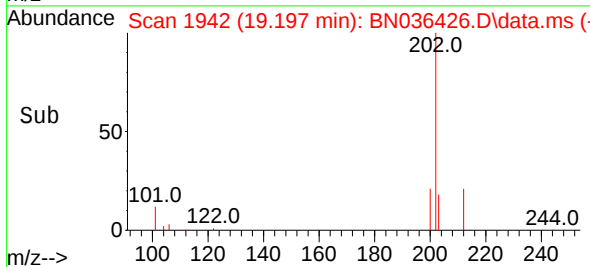
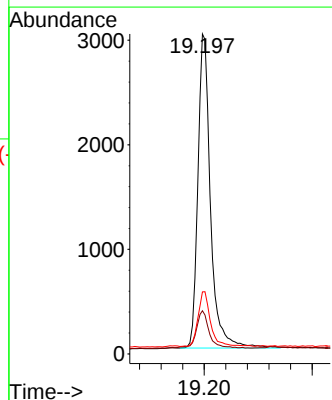
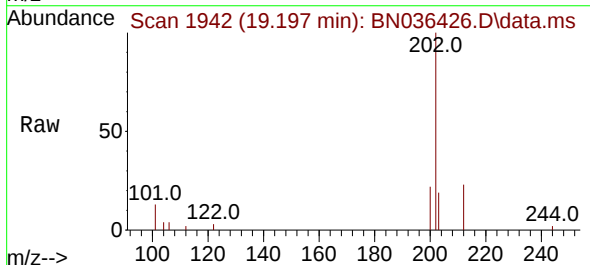
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

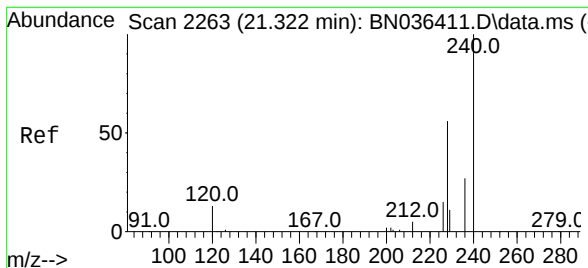
Tgt Ion:212 Resp: 11035
Ion Ratio Lower Upper
212 100
106 14.5 11.5 17.3
104 8.6 7.1 10.7



#28
Fluoranthene
Concen: 0.186 ng
RT: 19.197 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BN036426.D
Acq: 11 Feb 2025 16:40

Tgt Ion:202 Resp: 4877
Ion Ratio Lower Upper
202 100
101 12.1 9.2 13.8
203 17.4 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: BN036426.D

Acq: 11 Feb 2025 16:40

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

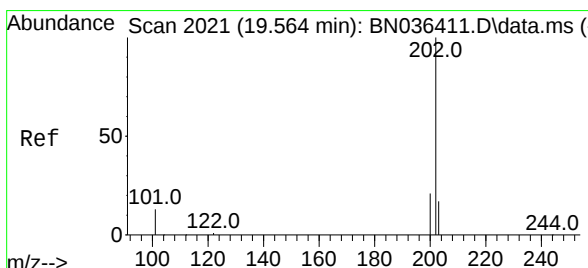
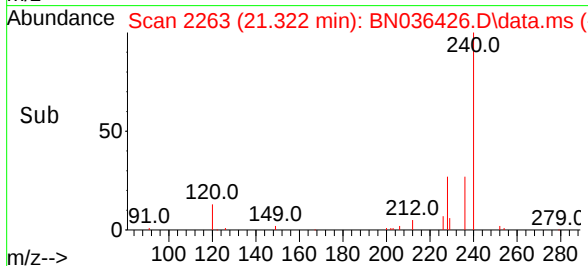
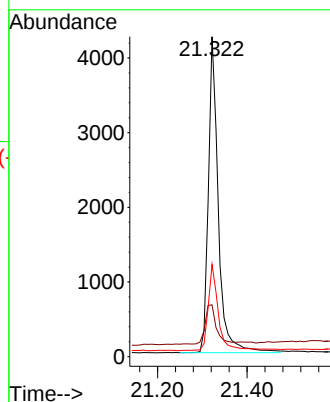
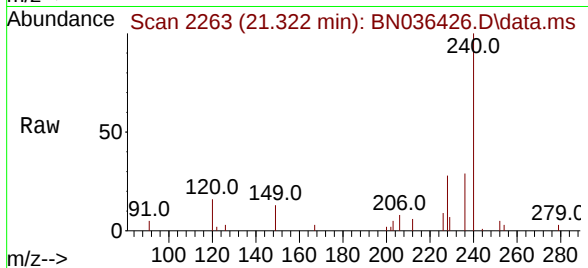
Tgt Ion:240 Resp: 6547

Ion Ratio Lower Upper

240 100

120 16.2 13.3 19.9

236 28.8 23.0 34.6



#30

Pyrene

Concen: 0.199 ng

RT: 19.564 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BN036426.D

Acq: 11 Feb 2025 16:40

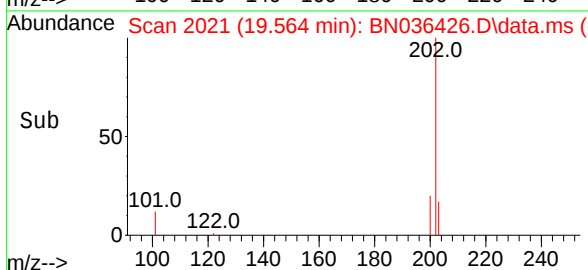
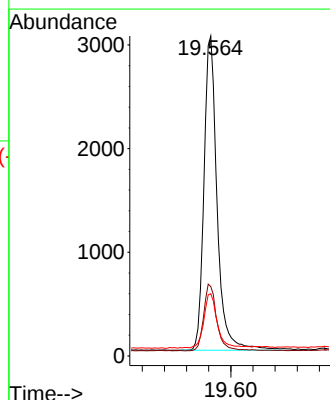
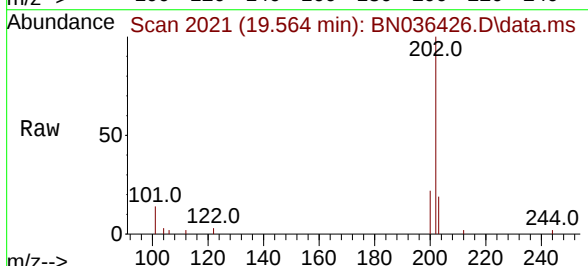
Tgt Ion:202 Resp: 5008

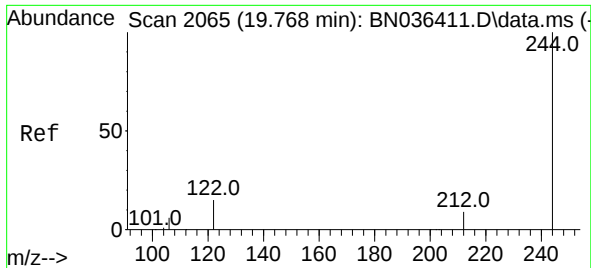
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.9 13.9 20.9

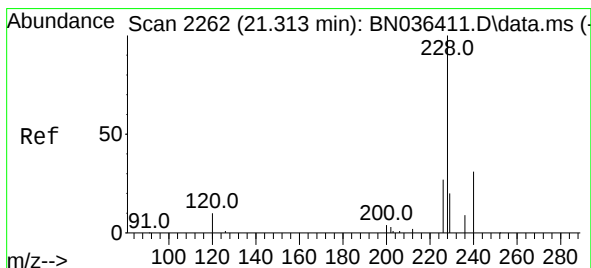
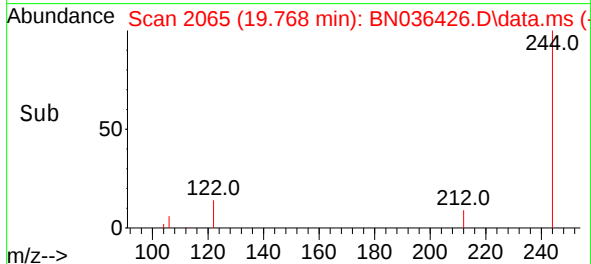
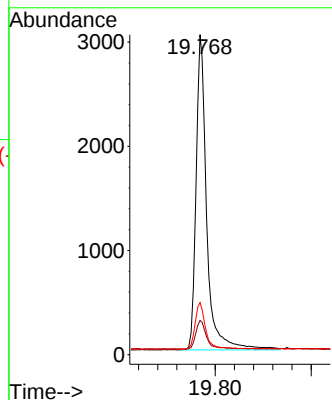
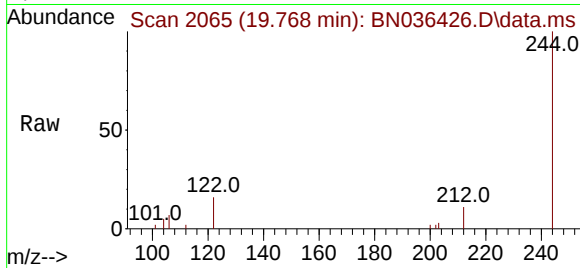




#31
 Terphenyl-d14
 Concen: 0.334 ng
 RT: 19.768 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: BN036426.D
 Acq: 11 Feb 2025 16:40

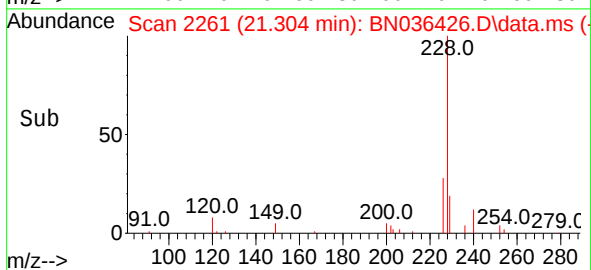
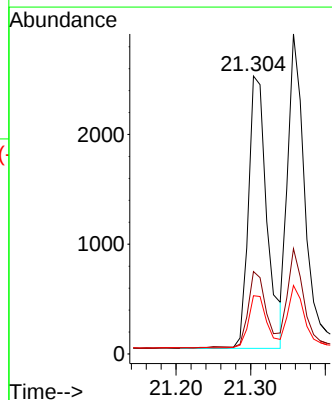
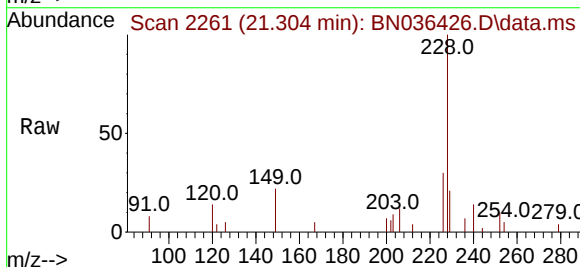
Instrument : BNA_N
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2025

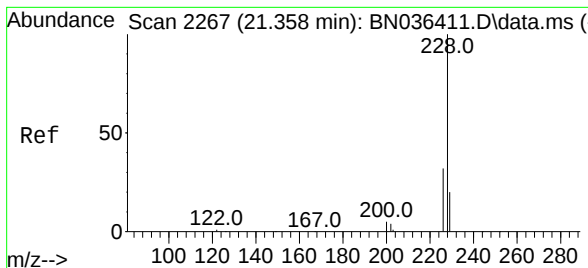
Tgt Ion:244 Resp: 4669
 Ion Ratio Lower Upper
 244 100
 212 10.7 8.1 12.1
 122 16.3 12.8 19.2



#32
 Benzo(a)anthracene
 Concen: 0.199 ng
 RT: 21.304 min Scan# 2261
 Delta R.T. -0.009 min
 Lab File: BN036426.D
 Acq: 11 Feb 2025 16:40

Tgt Ion:228 Resp: 4294
 Ion Ratio Lower Upper
 228 100
 226 29.7 22.2 33.2
 229 21.0 16.5 24.7





#33

Chrysene

Concen: 0.200 ng

RT: 21.357 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN036426.D

Acq: 11 Feb 2025 16:40

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

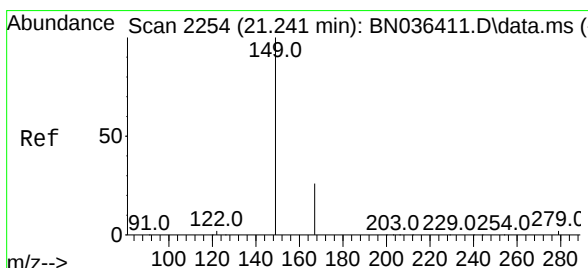
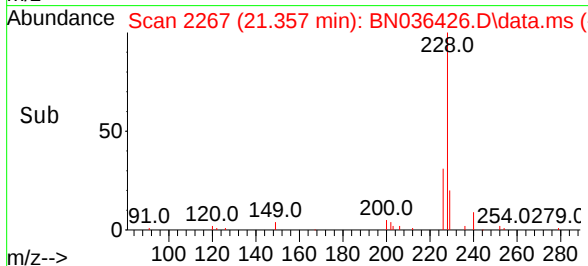
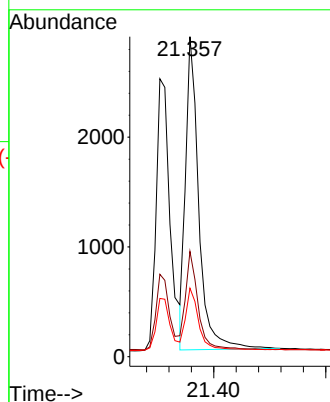
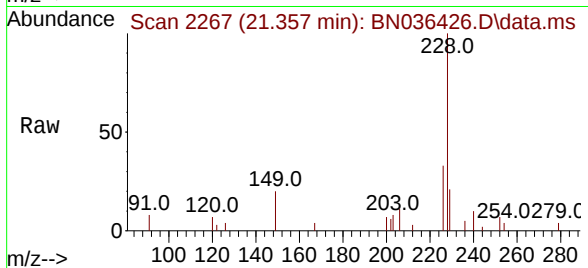
Tgt Ion:228 Resp: 4673

Ion Ratio Lower Upper

228 100

226 32.9 25.5 38.3

229 21.4 16.4 24.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.198 ng

RT: 21.241 min Scan# 2254

Delta R.T. -0.000 min

Lab File: BN036426.D

Acq: 11 Feb 2025 16:40

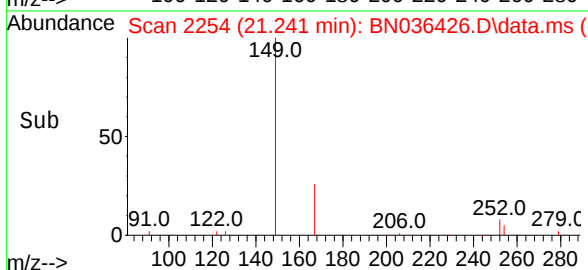
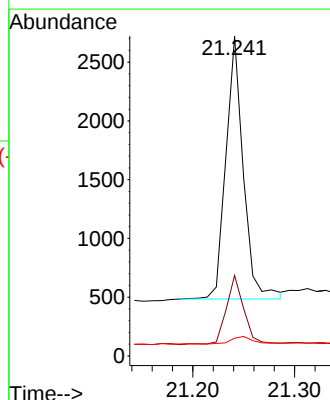
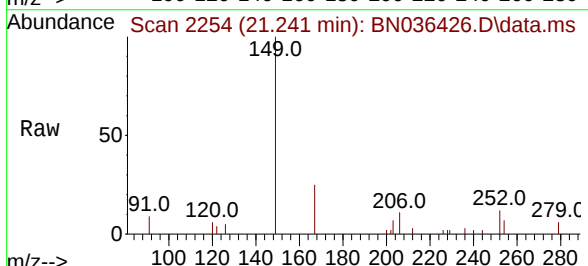
Tgt Ion:149 Resp: 2663

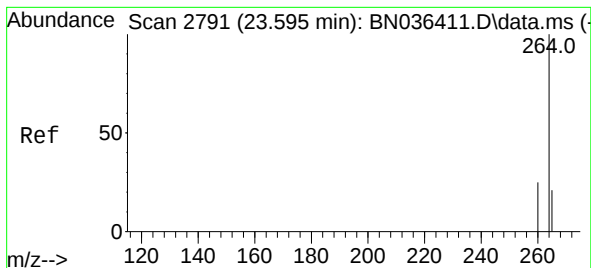
Ion Ratio Lower Upper

149 100

167 26.9 21.2 31.8

279 3.7 2.7 4.1





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.595 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN036426.D

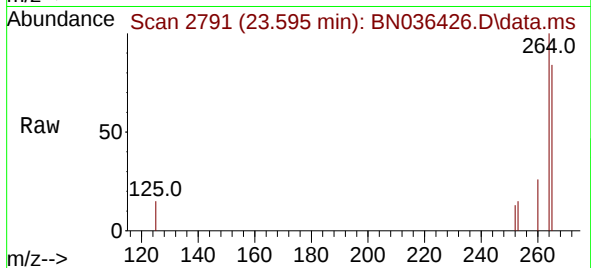
Acq: 11 Feb 2025 16:40

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025



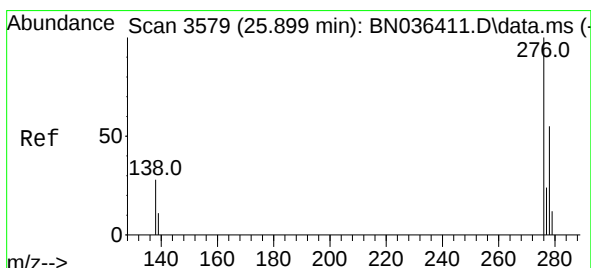
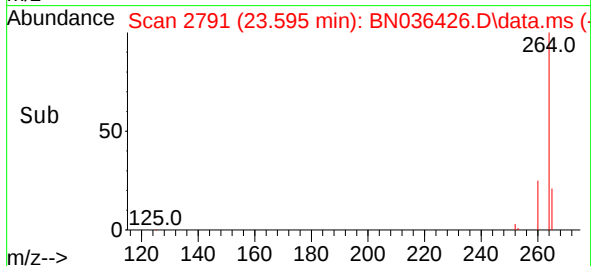
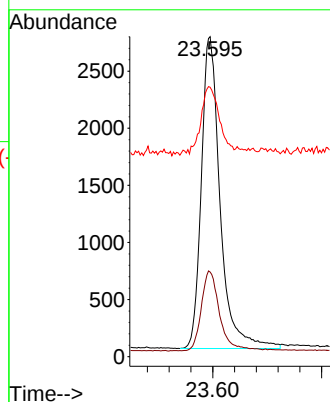
Tgt Ion:264 Resp: 6542

Ion Ratio Lower Upper

264 100

260 26.4 20.9 31.3

265 84.2 60.7 91.1



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.212 ng

RT: 25.899 min Scan# 3579

Delta R.T. -0.000 min

Lab File: BN036426.D

Acq: 11 Feb 2025 16:40

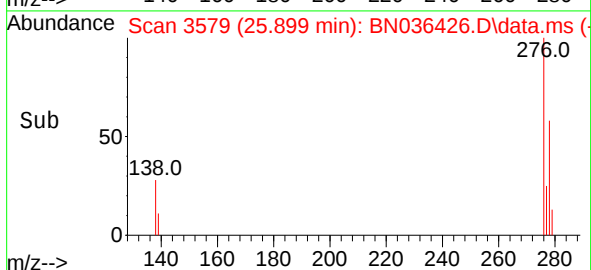
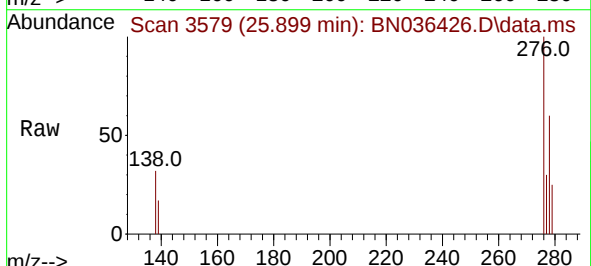
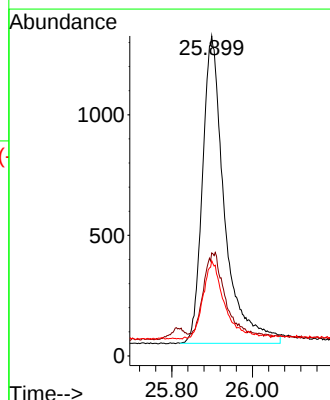
Tgt Ion:276 Resp: 4838

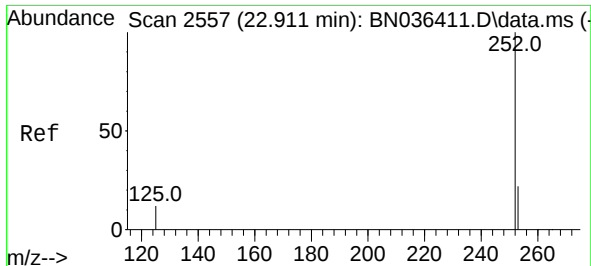
Ion Ratio Lower Upper

276 100

138 25.3 22.2 33.2

277 23.2 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.213 ng

RT: 22.911 min Scan# 2557

Delta R.T. -0.000 min

Lab File: BN036426.D

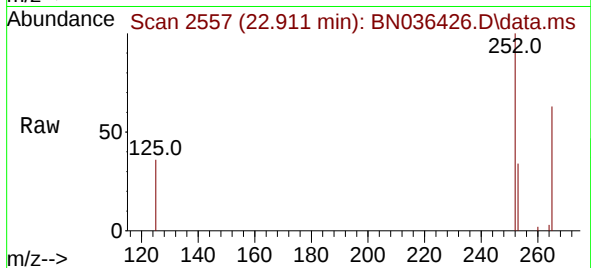
Acq: 11 Feb 2025 16:40

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025



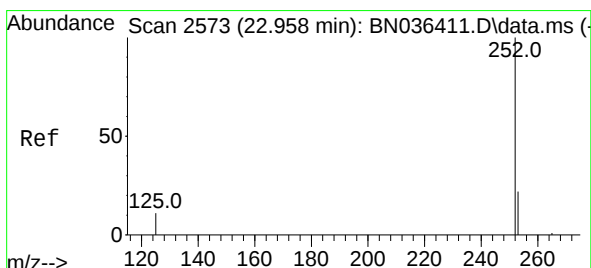
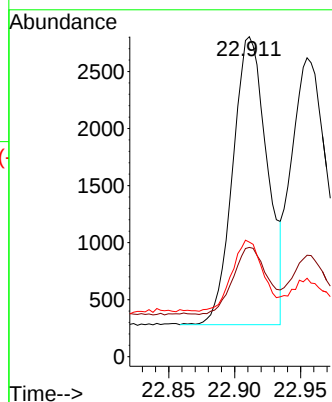
Tgt Ion:252 Resp: 4584

Ion Ratio Lower Upper

252 100

253 34.2 21.9 32.9#

125 35.8 15.0 22.6#



#38

Benzo(k)fluoranthene

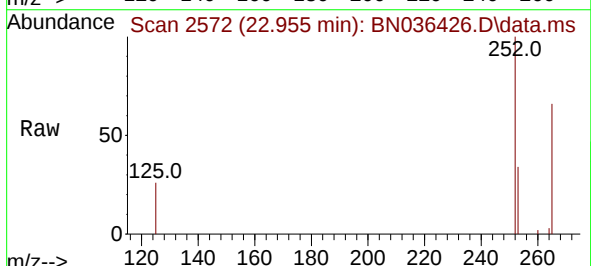
Concen: 0.214 ng

RT: 22.955 min Scan# 2572

Delta R.T. -0.003 min

Lab File: BN036426.D

Acq: 11 Feb 2025 16:40



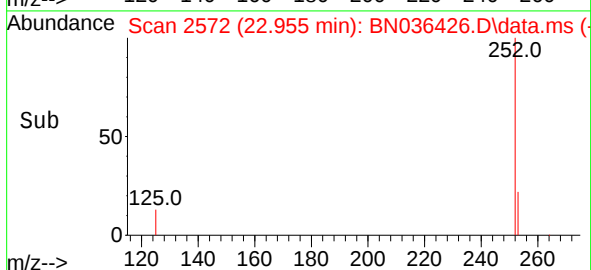
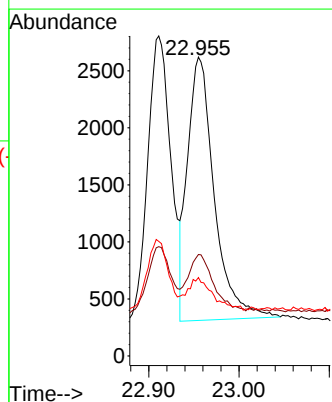
Tgt Ion:252 Resp: 4741

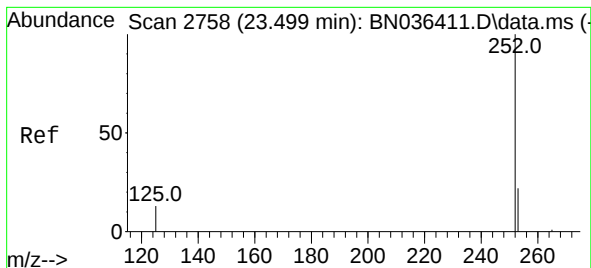
Ion Ratio Lower Upper

252 100

253 33.9 22.2 33.4#

125 26.2 15.0 22.4#





#39

Benzo(a)pyrene

Concen: 0.215 ng

RT: 23.496 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN036426.D

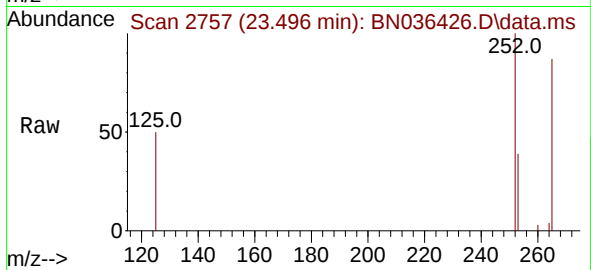
Acq: 11 Feb 2025 16:40

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025



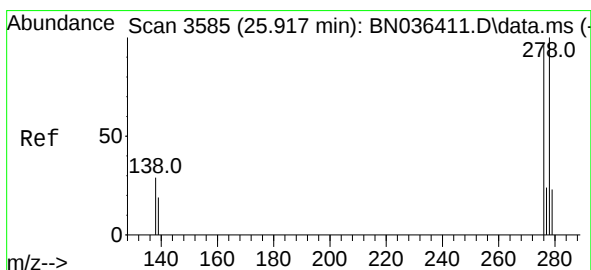
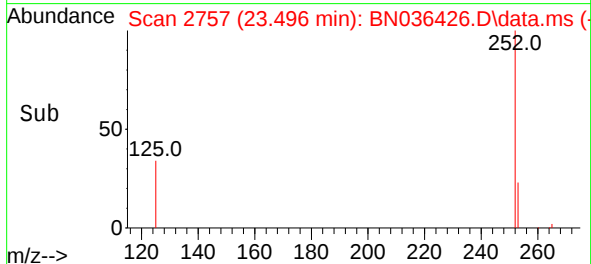
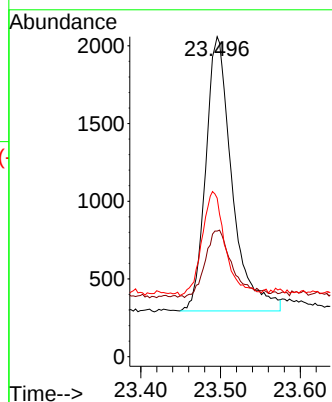
Tgt Ion:252 Resp: 4040

Ion Ratio Lower Upper

252 100

253 39.2 24.4 36.6#

125 49.5 18.2 27.2#



#40

Dibenzo(a,h)anthracene

Concen: 0.204 ng

RT: 25.911 min Scan# 3583

Delta R.T. -0.006 min

Lab File: BN036426.D

Acq: 11 Feb 2025 16:40

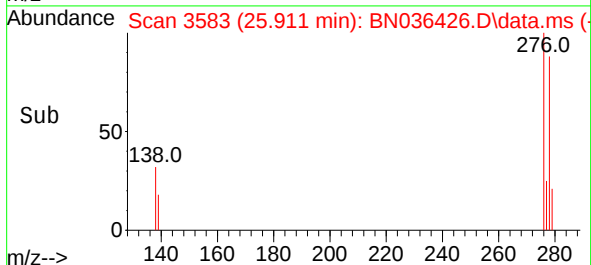
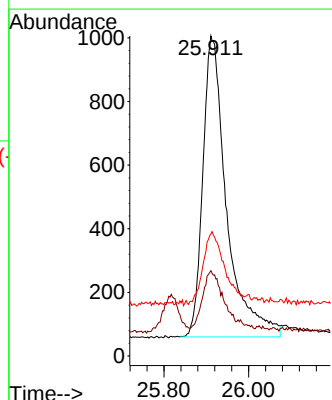
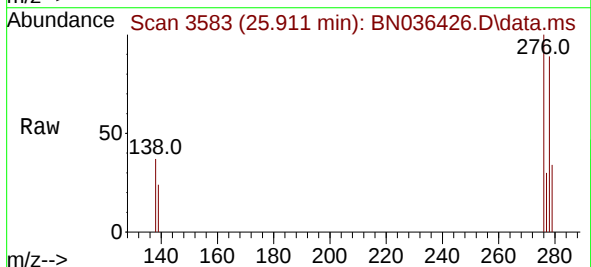
Tgt Ion:278 Resp: 3688

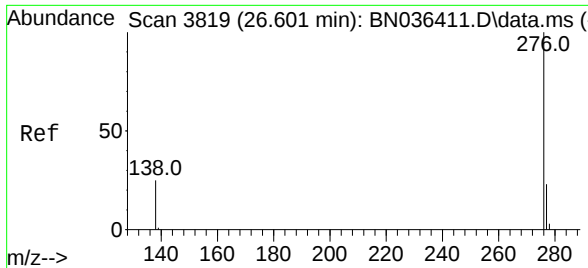
Ion Ratio Lower Upper

278 100

139 26.6 18.5 27.7

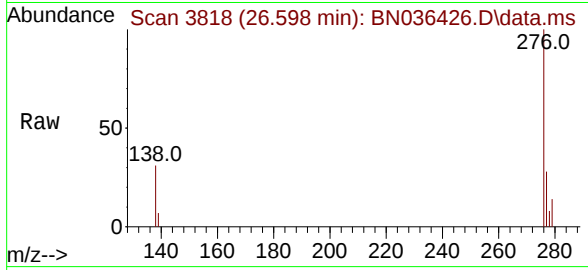
279 38.2 24.8 37.2#





#41
 Benzo(g,h,i)perylene
 Concen: 0.202 ng
 RT: 26.598 min Scan# 3818
 Delta R.T. -0.003 min
 Lab File: BN036426.D
 Acq: 11 Feb 2025 16:40

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025



Tgt Ion:	276	Resp:	4131
Ion	Ratio	Lower	Upper
276	100		
277	27.7	20.7	31.1
138	30.6	21.8	32.6

