

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091125\
 Data File : BN037701.D
 Acq On : 11 Sep 2025 15:58
 Operator : RC/JU
 Sample : Q2893-03
 Misc : MDL-SOIL 0.2 ng
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

Quant Time: Sep 11 17:02:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

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

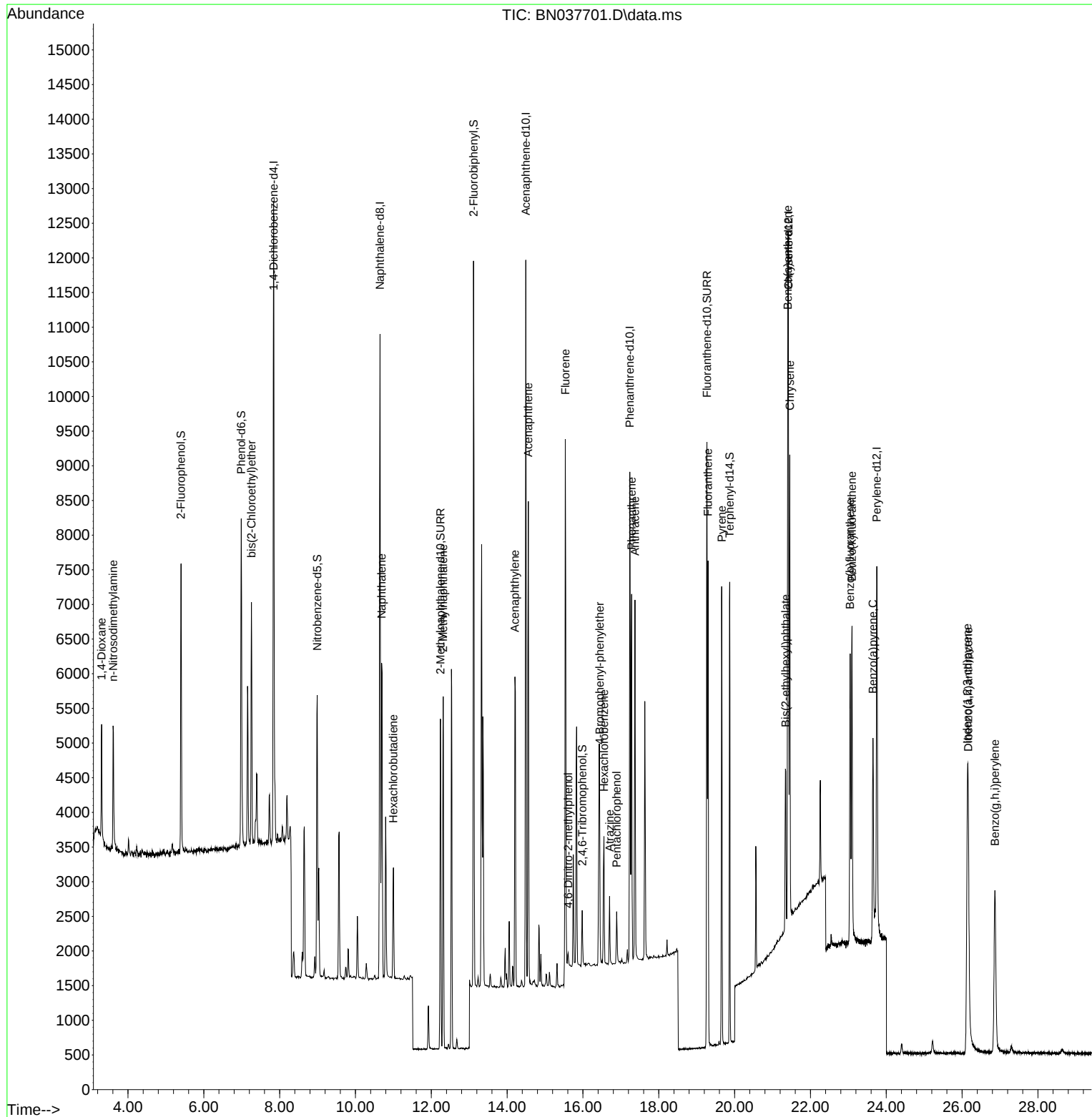
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4510	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12019	0.400	ng	0.00
13) Acenaphthene-d10	14.495	164	5455	0.400	ng	0.00
19) Phenanthrene-d10	17.236	188	9477	0.400	ng	0.00
29) Chrysene-d12	21.420	240	7381	0.400	ng	0.00
35) Perylene-d12	23.750	264	7591	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	3285	0.317	ng	0.00
5) Phenol-d6	6.988	99	4326	0.322	ng	0.00
8) Nitrobenzene-d5	8.993	82	3280	0.373	ng	0.00
11) 2-Methylnaphthalene-d10	12.243	152	6478	0.407	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	448	0.315	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	8894	0.390	ng	0.00
27) Fluoranthene-d10	19.271	212	9690	0.407	ng	0.00
31) Terphenyl-d14	19.870	244	6200	0.414	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	1091	0.232	ng	94
3) n-Nitrosodimethylamine	3.608	42	1231	0.201	ng	95
6) bis(2-Chloroethyl)ether	7.255	93	2471	0.206	ng	99
9) Naphthalene	10.690	128	6394	0.195	ng	97
10) Hexachlorobutadiene	11.000	225	1250	0.210	ng	# 99
12) 2-Methylnaphthalene	12.314	142	3582	0.176	ng	99
16) Acenaphthylene	14.206	152	5311	0.212	ng	99
17) Acenaphthene	14.559	154	3247	0.192	ng	97
18) Fluorene	15.535	166	3864	0.189	ng	97
20) 4,6-Dinitro-2-methylph...	15.610	198	156	0.178	ng	# 43
21) 4-Bromophenyl-phenylether	16.441	248	1237	0.200	ng	96
22) Hexachlorobenzene	16.553	284	1489	0.209	ng	100
23) Atrazine	16.702	200	740	0.188	ng	# 94
24) Pentachlorophenol	16.888	266	407	0.197	ng	96
25) Phenanthrene	17.285	178	5884	0.197	ng	99
26) Anthracene	17.372	178	5306	0.201	ng	100
28) Fluoranthene	19.299	202	5981	0.183	ng	100
30) Pyrene	19.661	202	5944	0.206	ng	100
32) Benzo(a)anthracene	21.402	228	5184	0.201	ng	99
33) Chrysene	21.456	228	5533	0.200	ng	97
34) Bis(2-ethylhexyl)phtha...	21.349	149	1538	0.202	ng	98
36) Indeno(1,2,3-cd)pyrene	26.139	276	6193	0.194	ng	99
37) Benzo(b)fluoranthene	23.049	252	5447	0.182	ng	# 90
38) Benzo(k)fluoranthene	23.095	252	5801	0.190	ng	# 86
39) Benzo(a)pyrene	23.651	252	4751	0.198	ng	# 87
40) Dibenzo(a,h)anthracene	26.162	278	4860	0.191	ng	# 88
41) Benzo(g,h,i)perylene	26.867	276	5331	0.187	ng	96

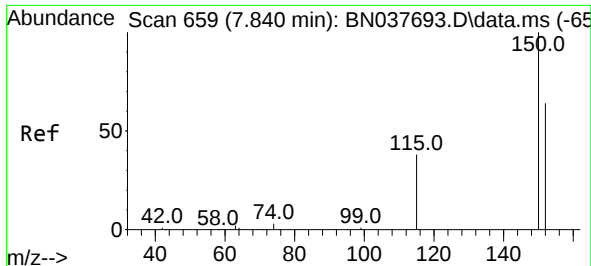
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091125\
Data File : BN037701.D
Acq On : 11 Sep 2025 15:58
Operator : RC/JU
Sample : Q2893-03
Misc : MDL-SOIL 0.2 ng
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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MDL-SOIL-03-QT3-2025

Quant Time: Sep 11 17:02:47 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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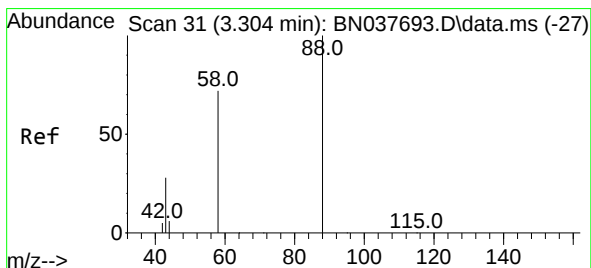
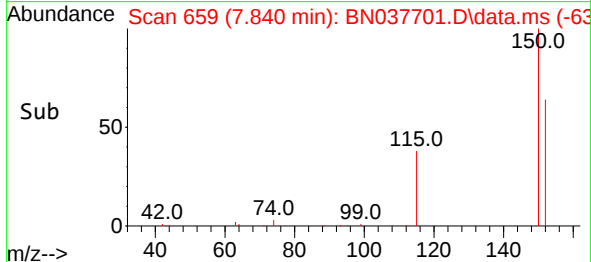
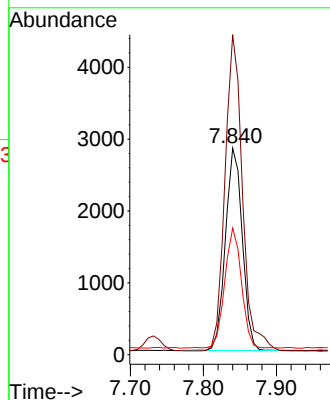
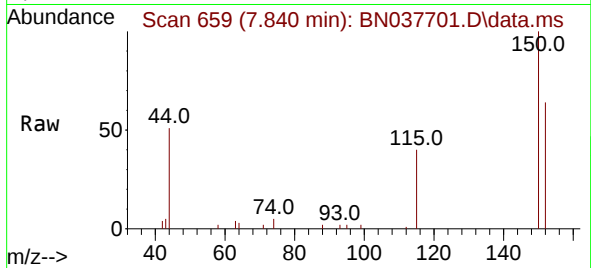




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 659
 Delta R.T. 0.000 min
 Lab File: BN037701.D
 Acq: 11 Sep 2025 15:58

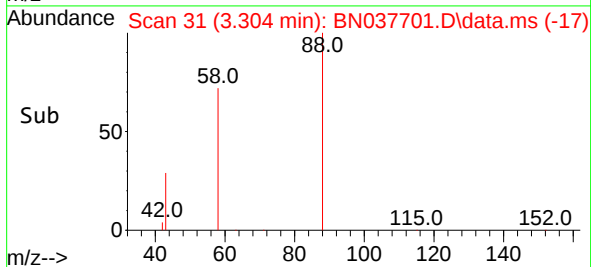
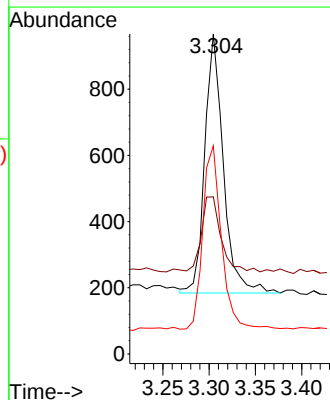
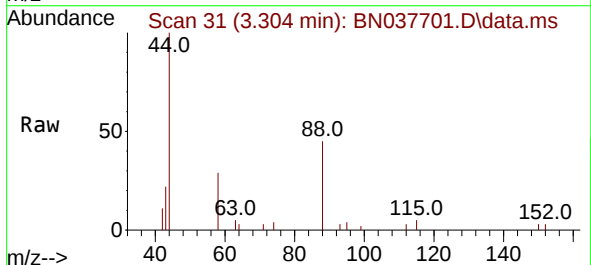
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

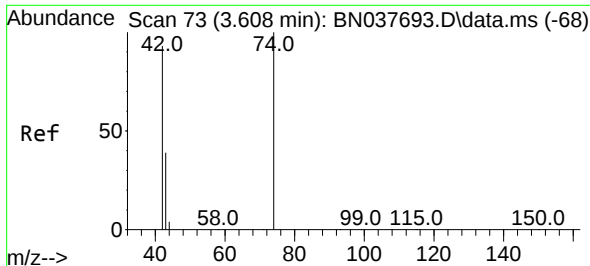
Tgt Ion:152 Resp: 4510
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.5 186.7
 115 61.3 49.2 73.8



#2
 1,4-Dioxane
 Concen: 0.232 ng
 RT: 3.304 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN037701.D
 Acq: 11 Sep 2025 15:58

Tgt Ion: 88 Resp: 1091
 Ion Ratio Lower Upper
 88 100
 43 30.9 26.8 40.2
 58 71.1 61.9 92.9

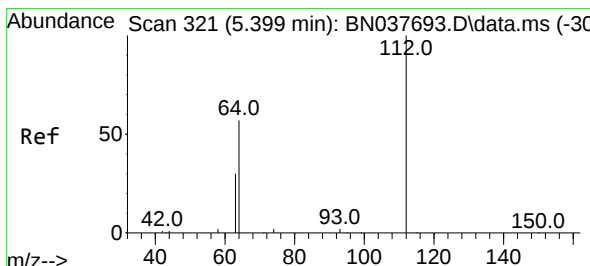
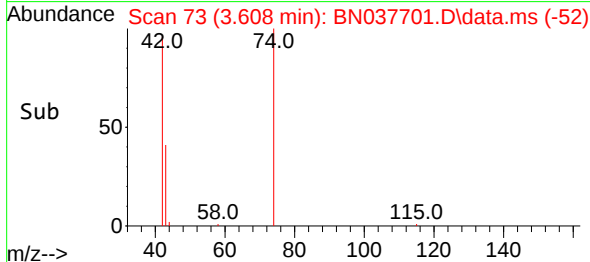
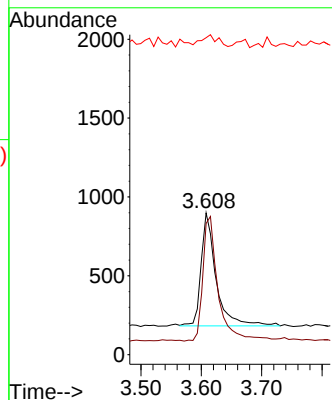
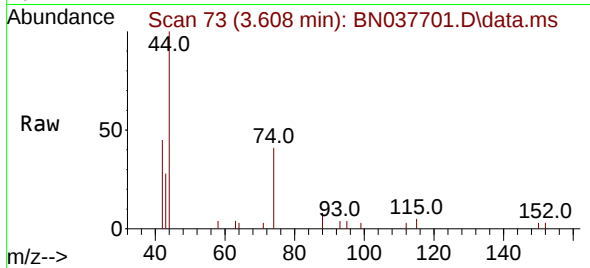




#3
n-Nitrosodimethylamine
Concen: 0.201 ng
RT: 3.608 min Scan# 73
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

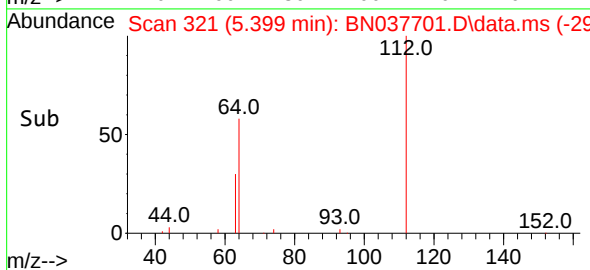
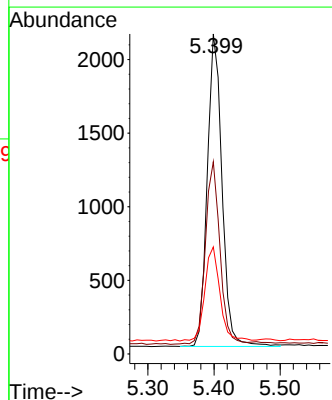
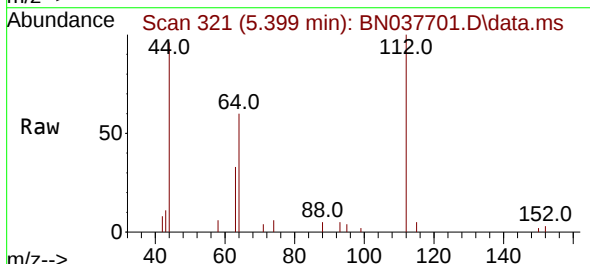
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2025

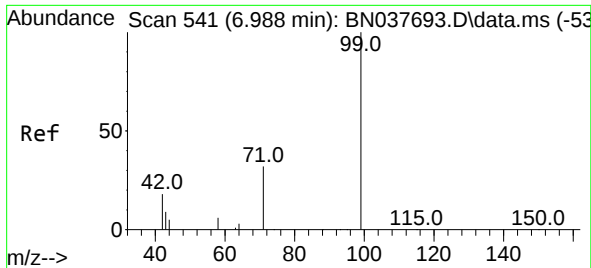
Tgt Ion: 42 Resp: 1231
Ion Ratio Lower Upper
42 100
74 113.6 86.0 129.0
44 10.7 8.4 12.6



#4
2-Fluorophenol
Concen: 0.317 ng
RT: 5.399 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

Tgt Ion: 112 Resp: 3285
Ion Ratio Lower Upper
112 100
64 57.6 44.9 67.3
63 30.9 24.7 37.1

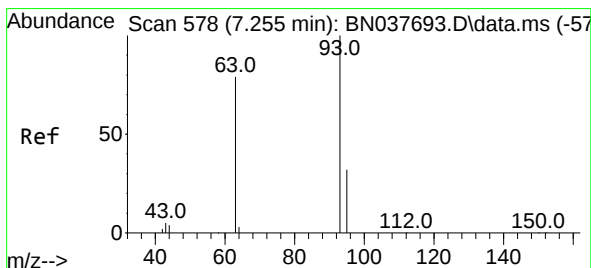
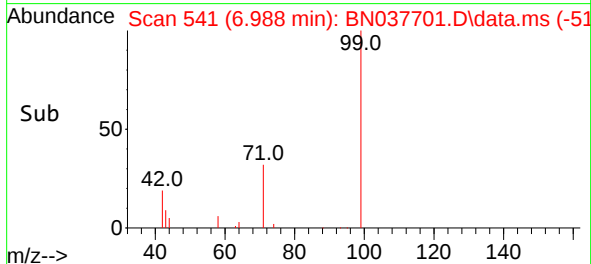
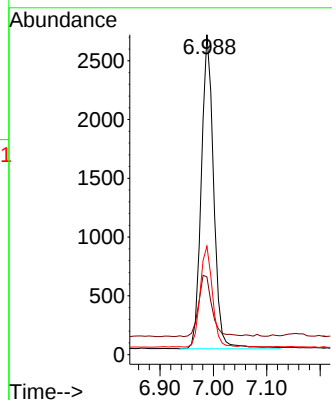
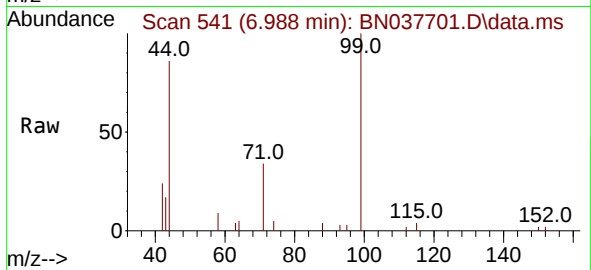




#5
Phenol-d6
Concen: 0.322 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

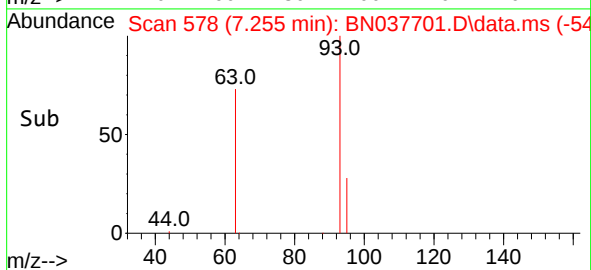
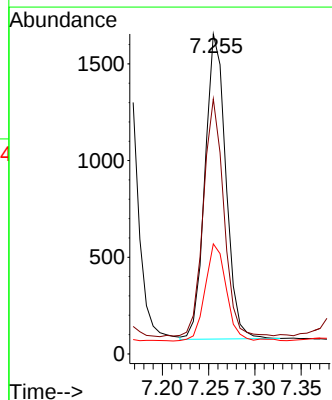
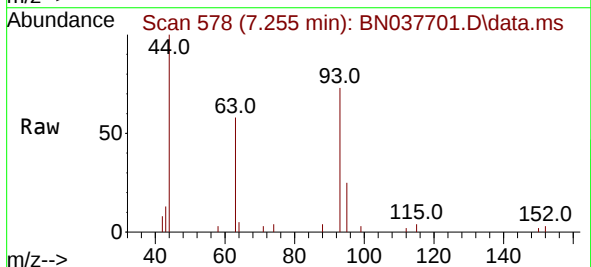
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2025

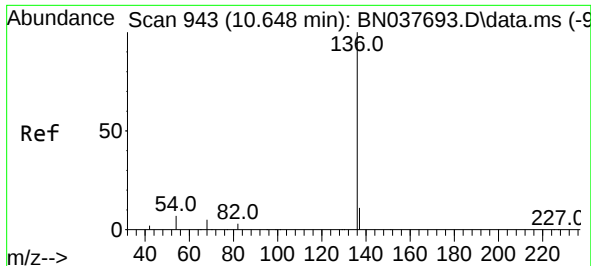
Tgt Ion: 99 Resp: 4326
Ion Ratio Lower Upper
99 100
42 20.8 16.6 24.8
71 31.8 26.7 40.1



#6
bis(2-Chloroethyl)ether
Concen: 0.206 ng
RT: 7.255 min Scan# 578
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

Tgt Ion: 93 Resp: 2471
Ion Ratio Lower Upper
93 100
63 76.9 60.6 90.8
95 32.1 26.0 39.0

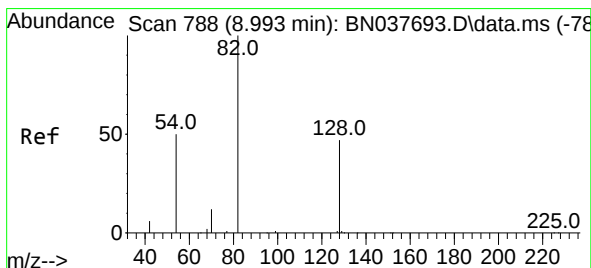
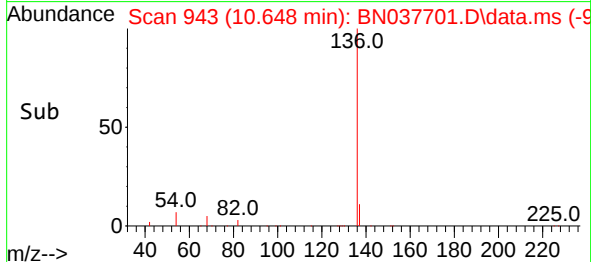
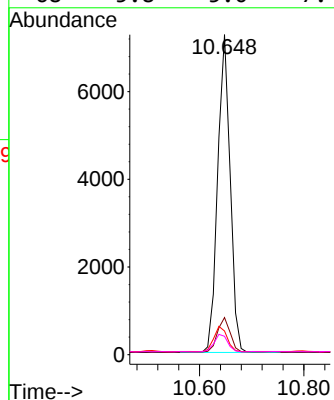
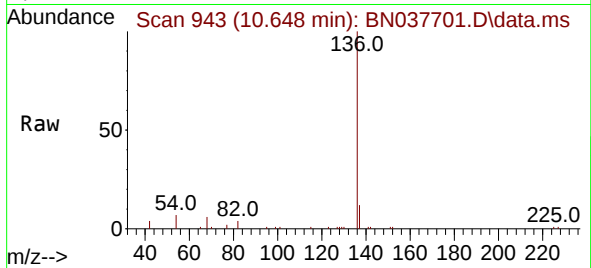




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

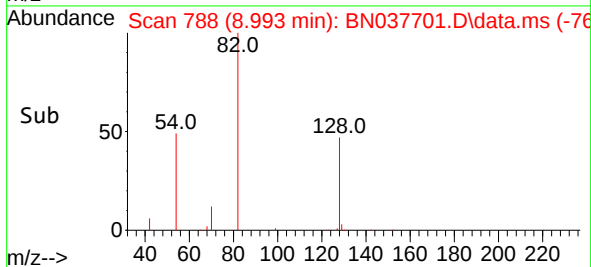
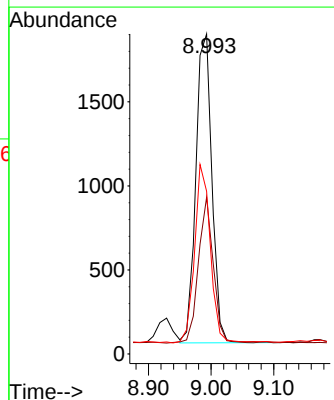
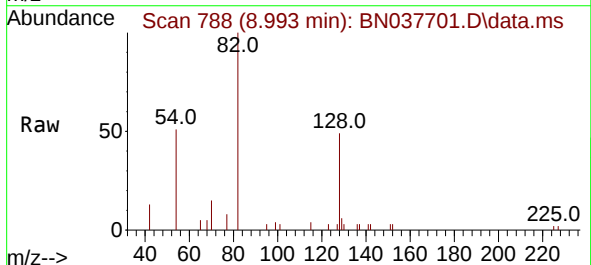
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2025

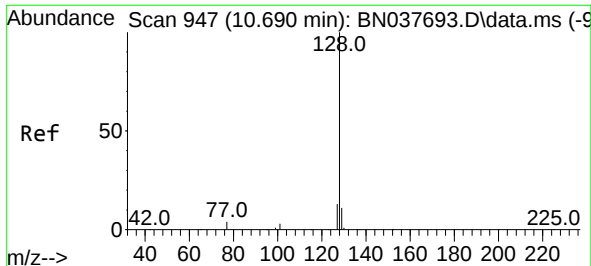
Tgt Ion:	136	Resp:	12019
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.4	6.3	9.5
68	5.8	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 8.993 min Scan# 788
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

Tgt Ion:	82	Resp:	3280
Ion	Ratio	Lower	Upper
82	100		
128	48.9	38.3	57.5
54	50.8	41.4	62.2

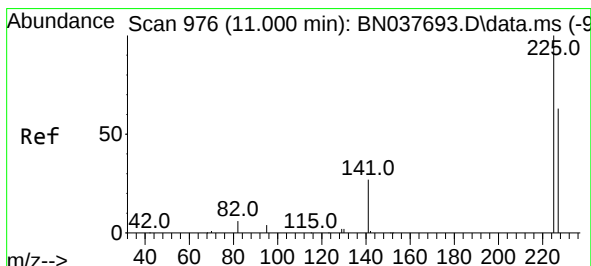
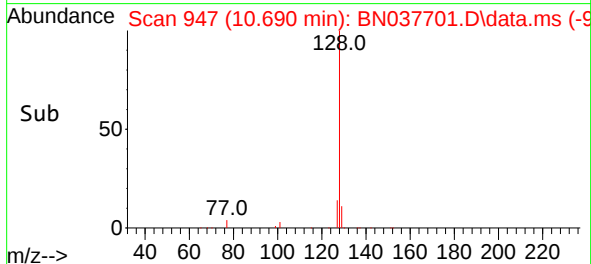
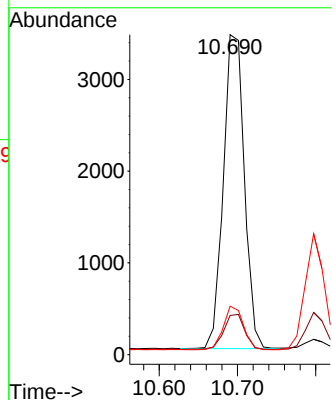
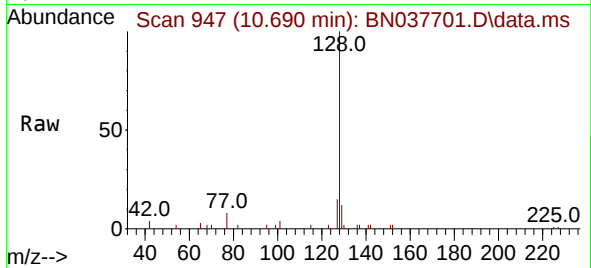




#9
Naphthalene
Concen: 0.195 ng
RT: 10.690 min Scan# 947
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

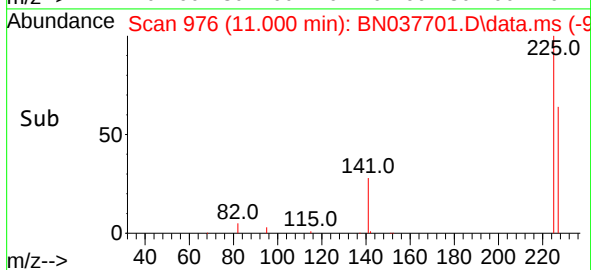
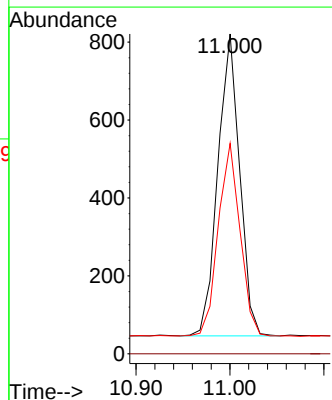
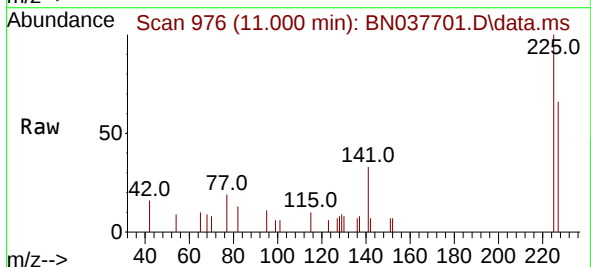
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2025

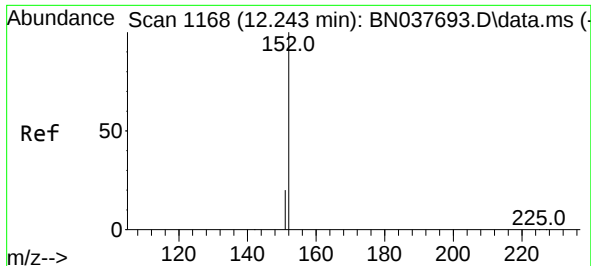
Tgt Ion:	128	Resp:	6394
Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.1	13.7
127	15.2	10.9	16.3



#10
Hexachlorobutadiene
Concen: 0.210 ng
RT: 11.000 min Scan# 976
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

Tgt Ion:	225	Resp:	1250
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	50.9	76.3

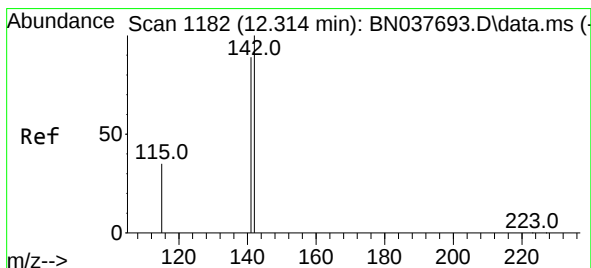
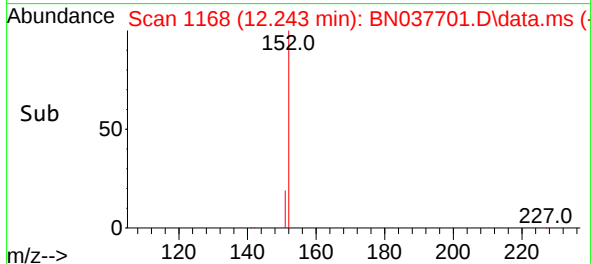
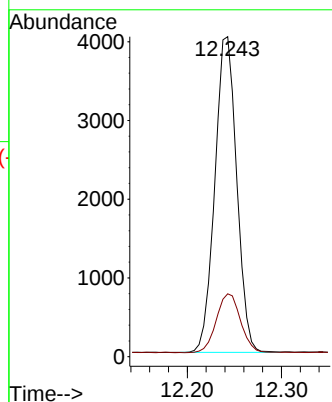
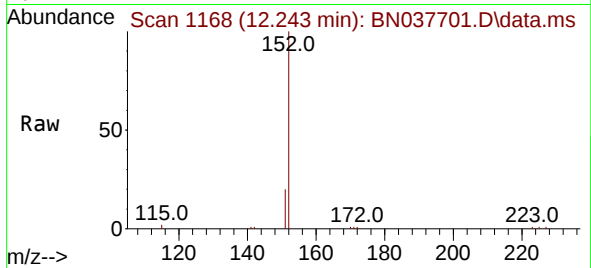




#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.243 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

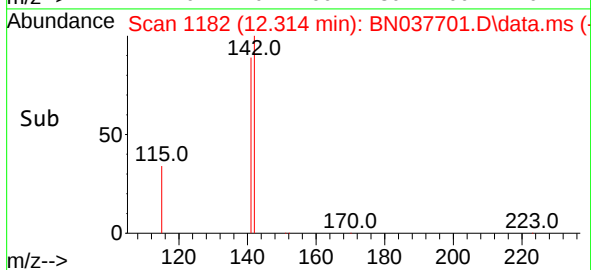
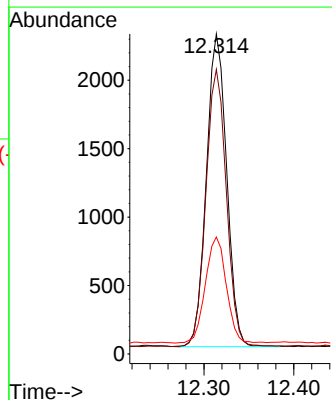
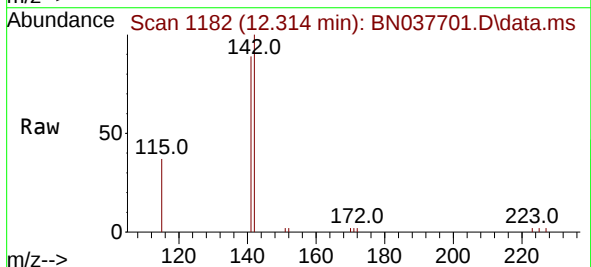
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2025

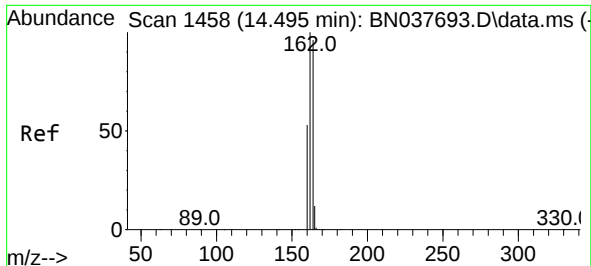
Tgt Ion:152 Resp: 6478
Ion Ratio Lower Upper
152 100
151 20.6 17.0 25.6



#12
2-Methylnaphthalene
Concen: 0.176 ng
RT: 12.314 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

Tgt Ion:142 Resp: 3582
Ion Ratio Lower Upper
142 100
141 88.9 71.6 107.4
115 36.6 28.6 43.0

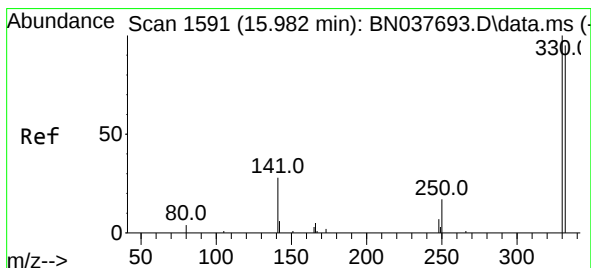
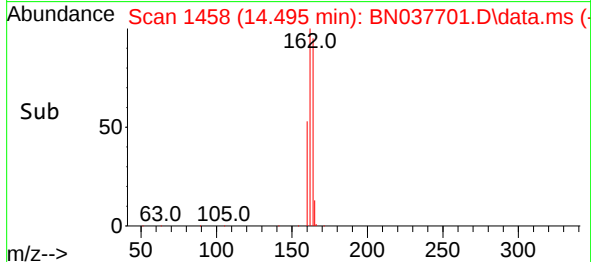
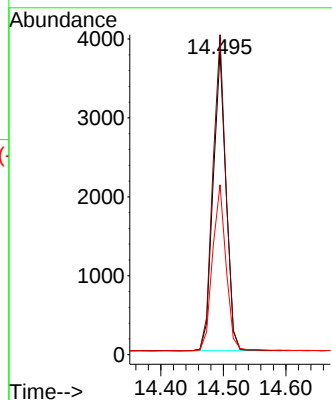
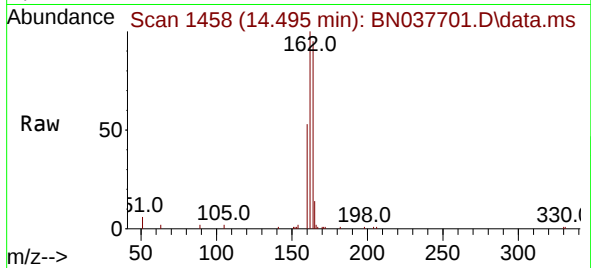




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

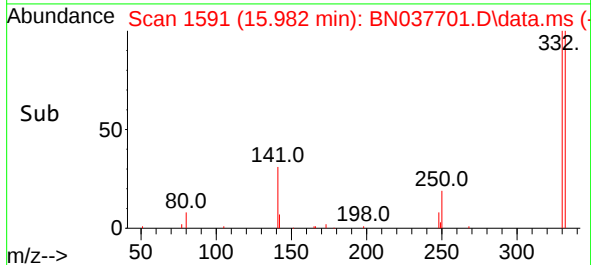
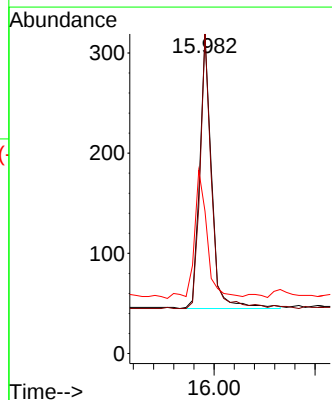
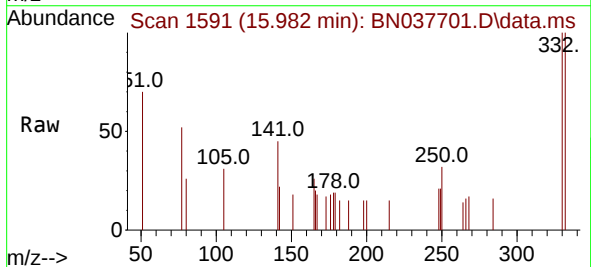
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2025

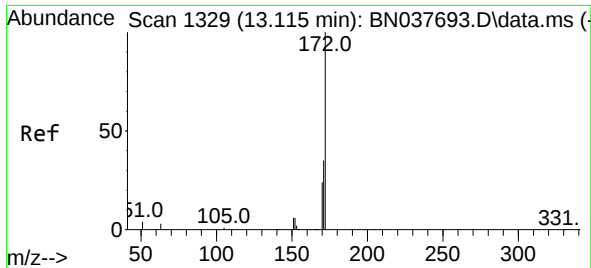
Tgt Ion:164 Resp: 5455
Ion Ratio Lower Upper
164 100
162 105.6 83.1 124.7
160 56.1 44.3 66.5



#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

Tgt Ion:330 Resp: 448
Ion Ratio Lower Upper
330 100
332 95.5 75.3 112.9
141 50.4 35.0 52.4

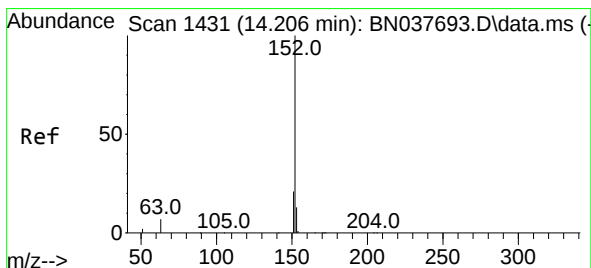
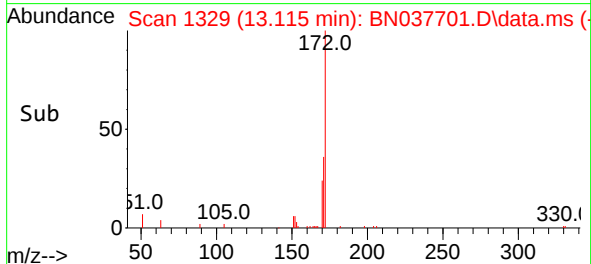
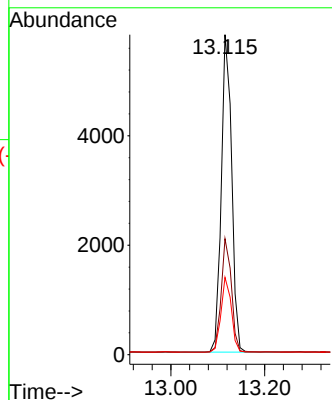
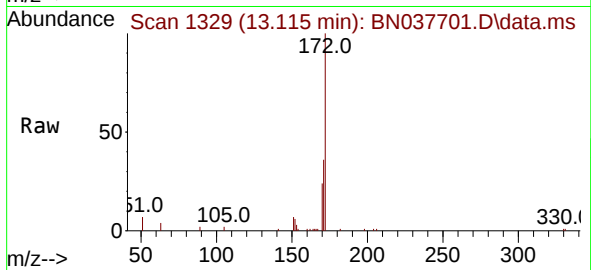




#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.115 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

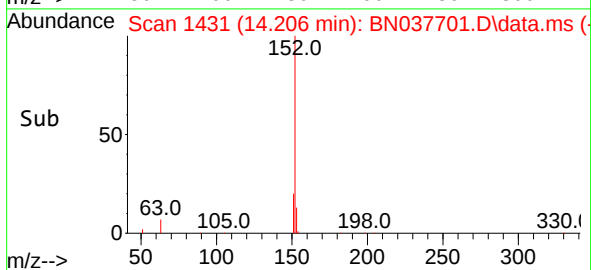
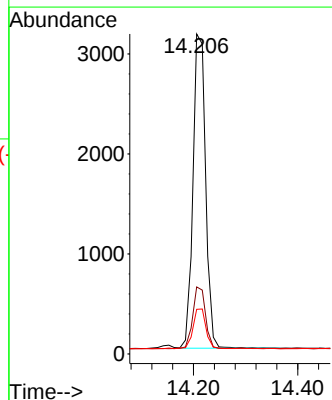
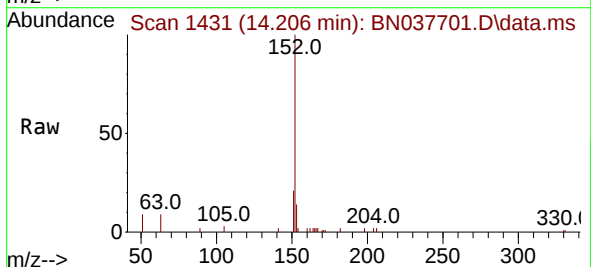
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2025

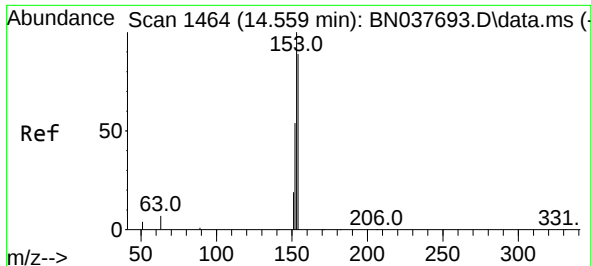
Tgt Ion:172 Resp: 8894
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.1 19.8 29.8



#16
Acenaphthylene
Concen: 0.212 ng
RT: 14.206 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

Tgt Ion:152 Resp: 5311
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.2 10.4 15.6

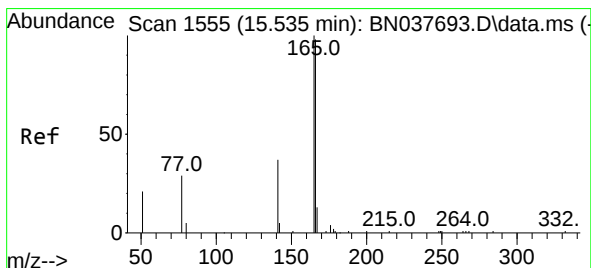
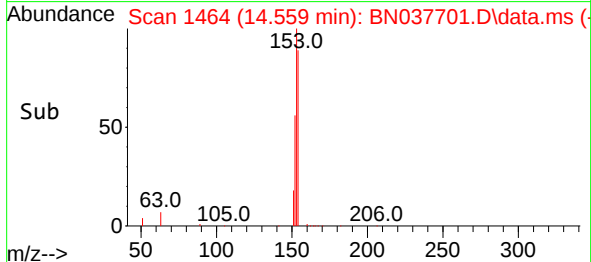
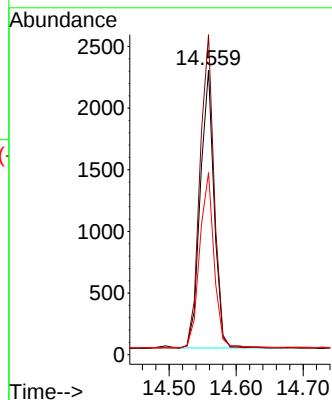
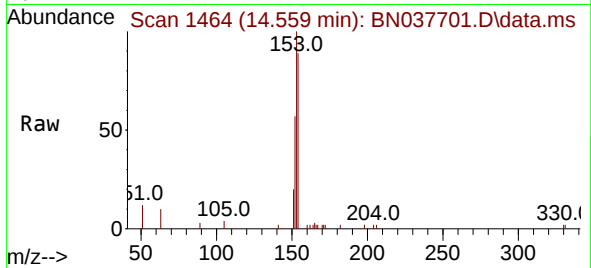




#17
Acenaphthene
Concen: 0.192 ng
RT: 14.559 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

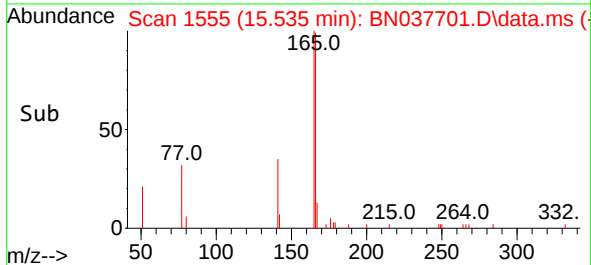
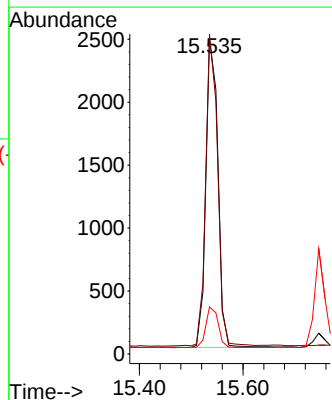
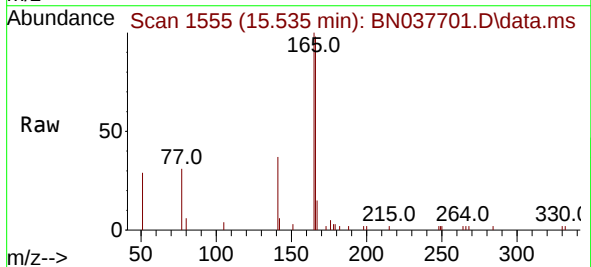
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2025

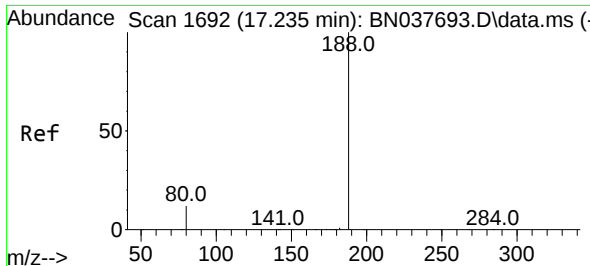
Tgt Ion:154 Resp: 3247
Ion Ratio Lower Upper
154 100
153 114.8 89.8 134.8
152 65.8 50.2 75.2



#18
Fluorene
Concen: 0.189 ng
RT: 15.535 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

Tgt Ion:166 Resp: 3864
Ion Ratio Lower Upper
166 100
165 96.0 79.6 119.4
167 13.3 10.6 16.0

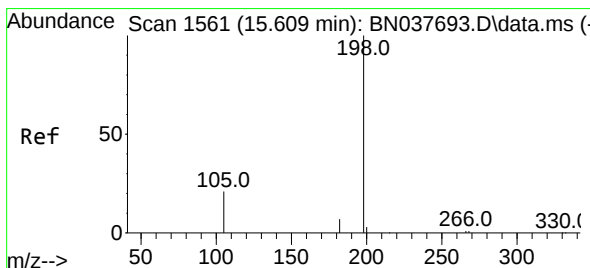
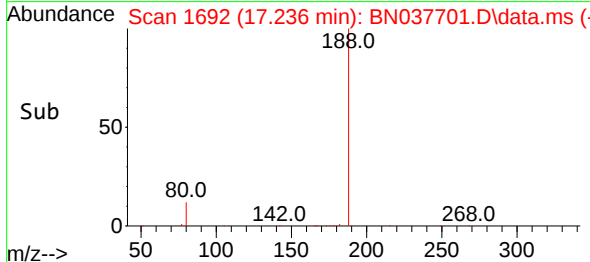
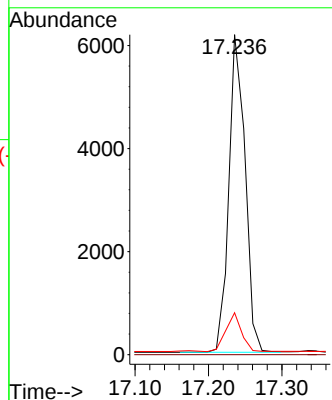
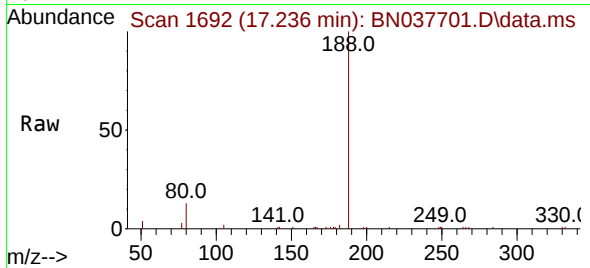




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

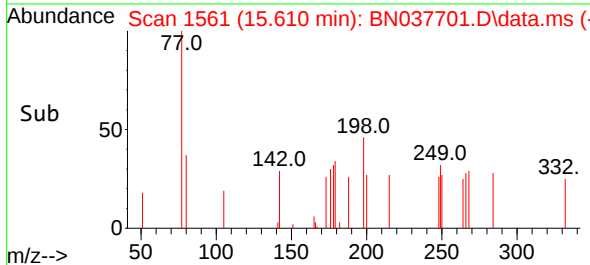
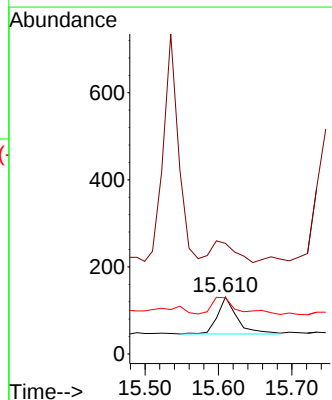
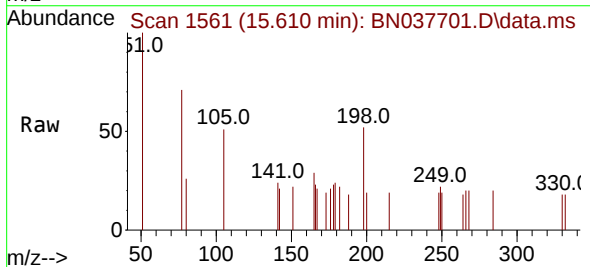
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2025

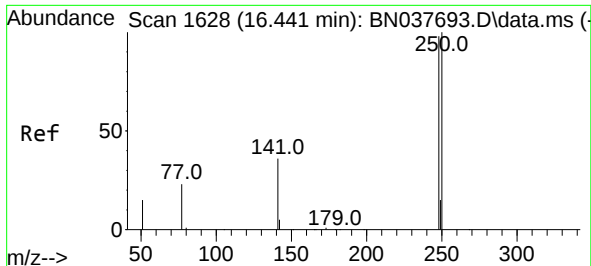
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	10.6	15.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.178 ng
RT: 15.610 min Scan# 1561
Delta R.T. 0.001 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

Tgt Ion	Ratio	Lower	Upper
198	100		
51	193.9	95.1	142.7#
105	98.5	53.8	80.6#

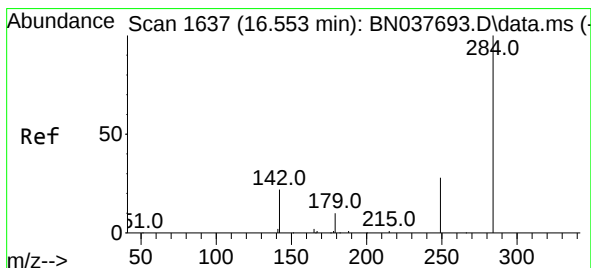
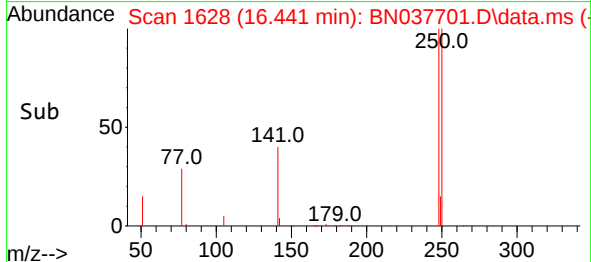
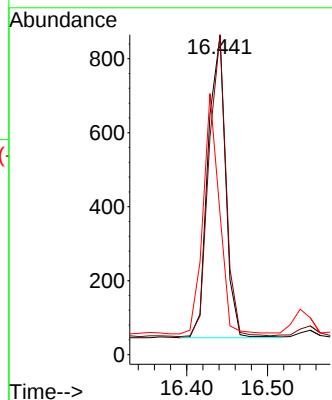
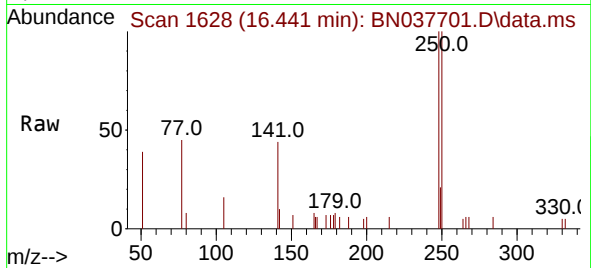




#21
4-Bromophenyl-phenylether
Concen: 0.200 ng
RT: 16.441 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

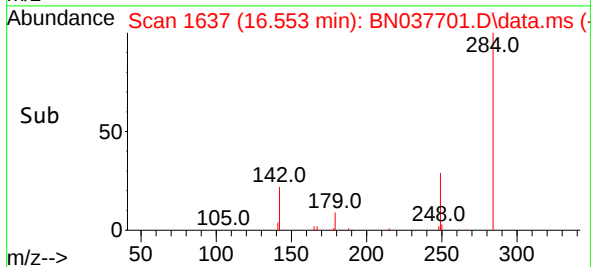
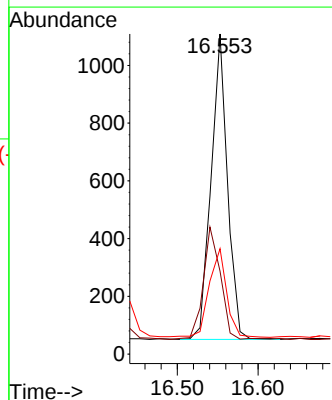
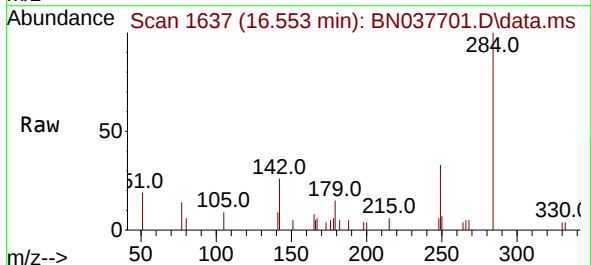
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2025

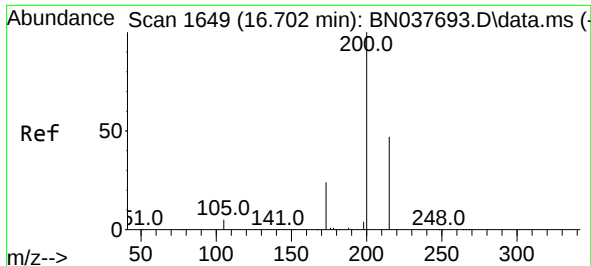
Tgt Ion:	248	Resp:	1237
Ion Ratio	Lower	Upper	
248	100		
250	100.3	81.5	122.3
141	44.1	30.8	46.2



#22
Hexachlorobenzene
Concen: 0.209 ng
RT: 16.553 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

Tgt Ion:	284	Resp:	1489
Ion Ratio	Lower	Upper	
284	100		
142	38.5	30.9	46.3
249	31.0	24.8	37.2

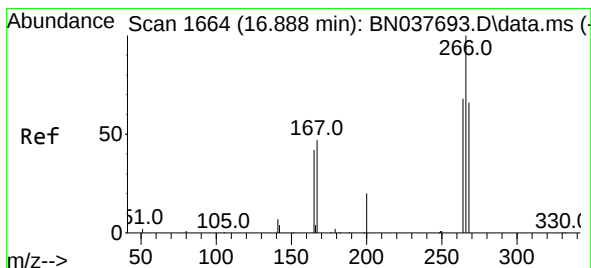
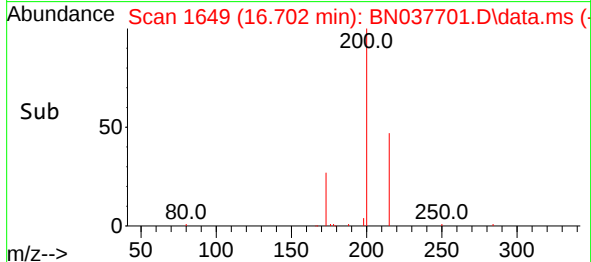
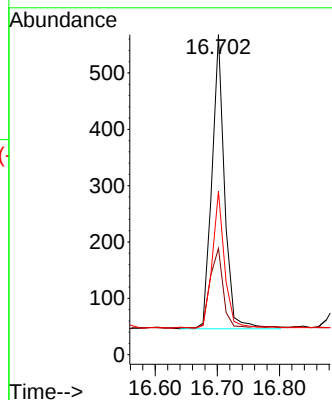
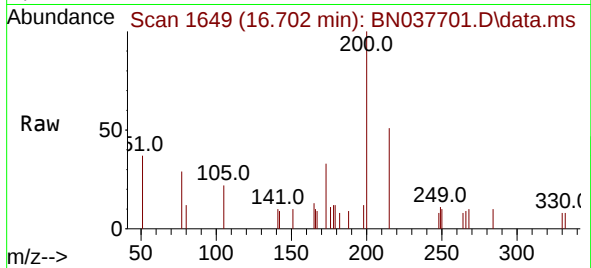




#23
Atrazine
Concen: 0.188 ng
RT: 16.702 min Scan# 1649
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

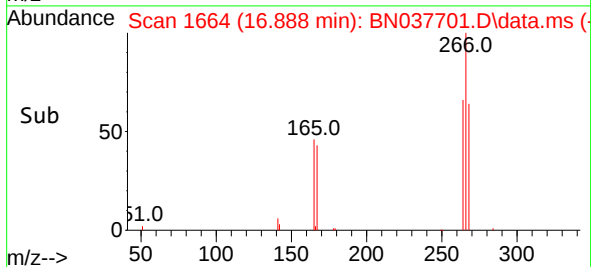
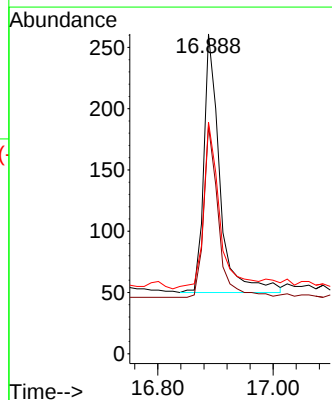
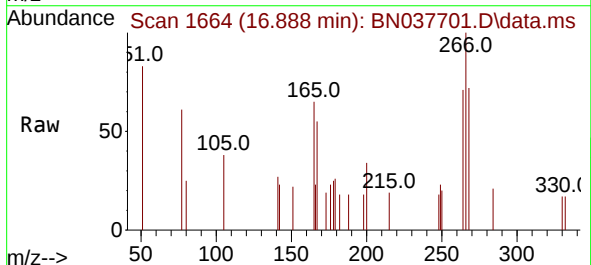
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2025

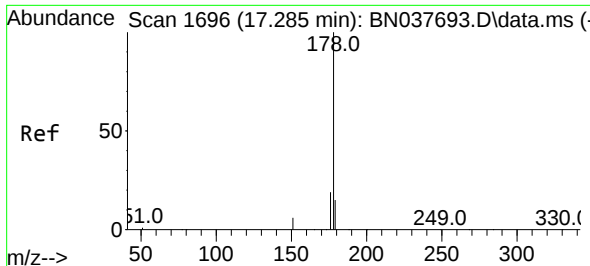
Tgt Ion:200 Resp: 740
Ion Ratio Lower Upper
200 100
173 33.3 21.4 32.2#
215 51.1 39.2 58.8



#24
Pentachlorophenol
Concen: 0.197 ng
RT: 16.888 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

Tgt Ion:266 Resp: 407
Ion Ratio Lower Upper
266 100
264 60.7 51.6 77.4
268 64.6 53.2 79.8

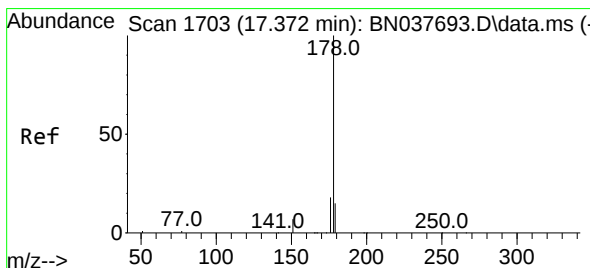
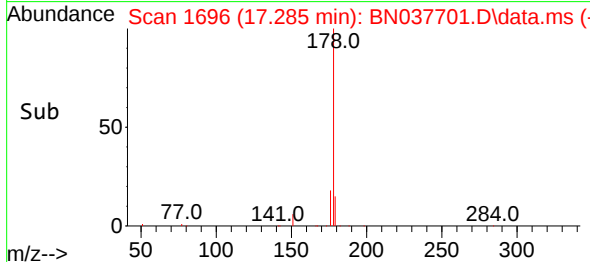
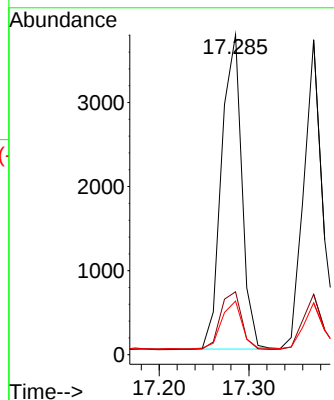
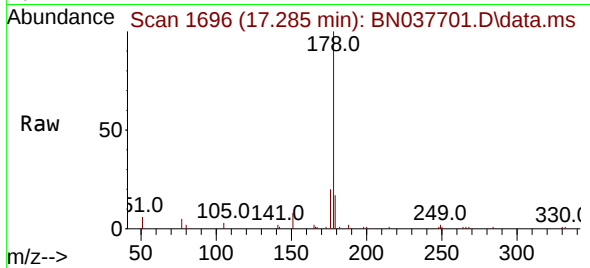




#25
Phenanthrene
Concen: 0.197 ng
RT: 17.285 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

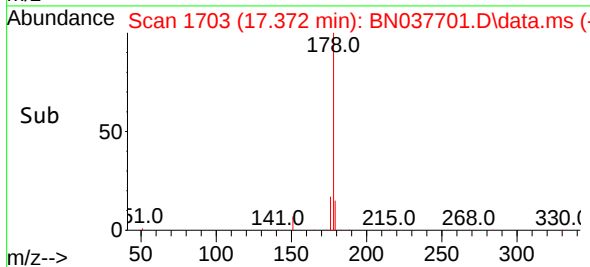
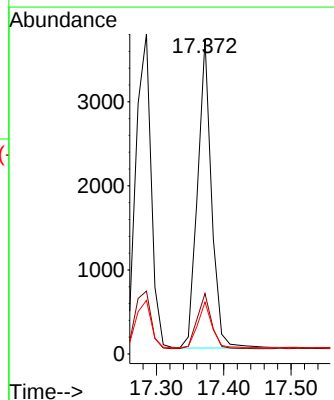
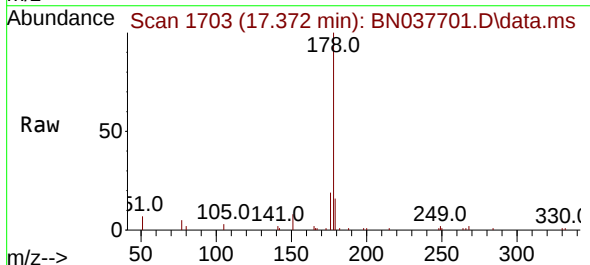
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2025

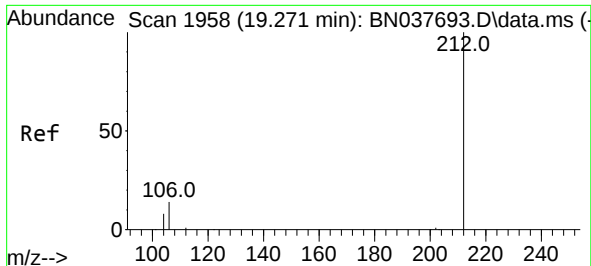
Tgt Ion:178 Resp: 5884
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.7 12.2 18.2



#26
Anthracene
Concen: 0.201 ng
RT: 17.372 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

Tgt Ion:178 Resp: 5306
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 15.5 12.2 18.4

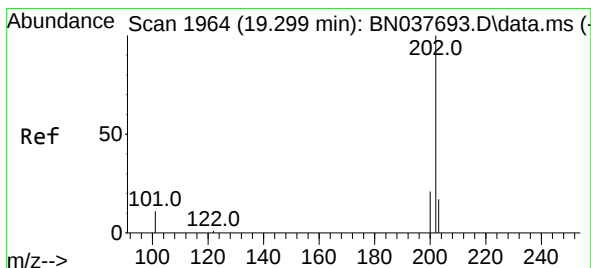
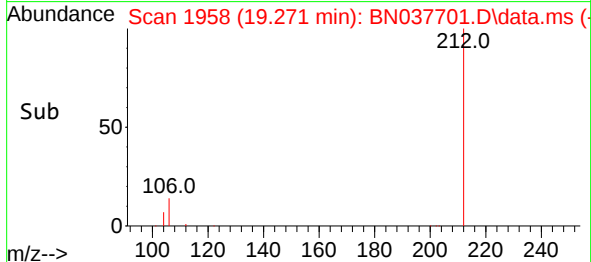
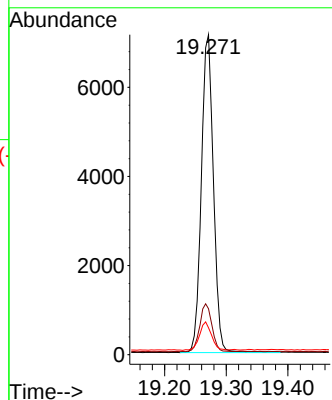
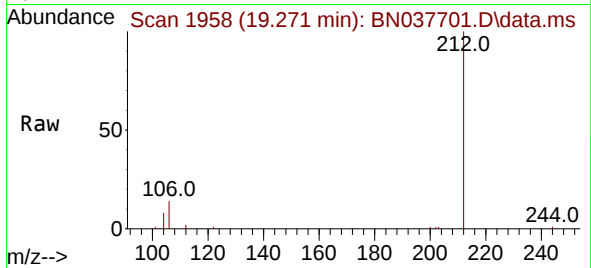




#27
Fluoranthene-d10
Concen: 0.407 ng
RT: 19.271 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

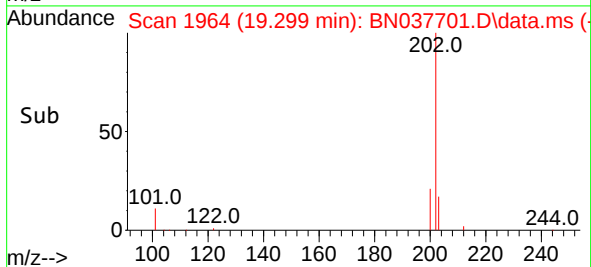
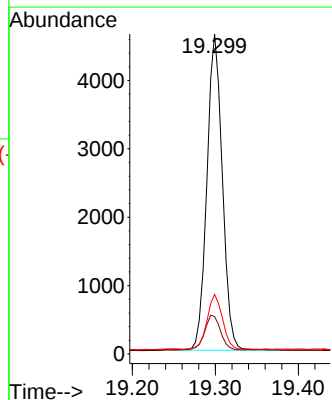
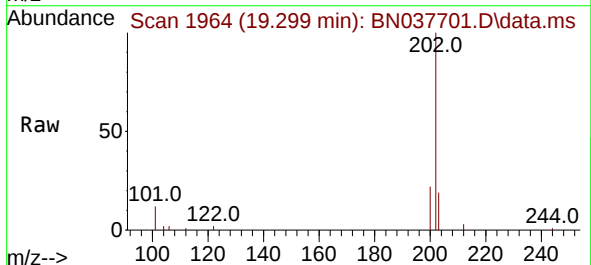
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2025

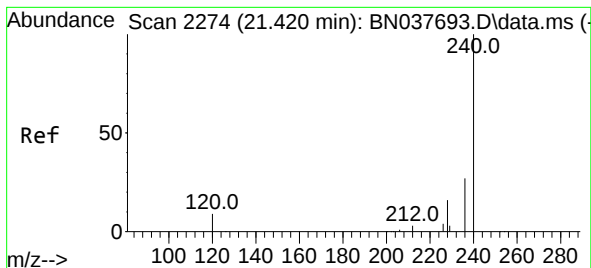
Tgt Ion:212 Resp: 9690
Ion Ratio Lower Upper
212 100
106 15.2 12.2 18.2
104 8.9 6.9 10.3



#28
Fluoranthene
Concen: 0.183 ng
RT: 19.299 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

Tgt Ion:202 Resp: 5981
Ion Ratio Lower Upper
202 100
101 11.6 9.3 13.9
203 17.4 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.420 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037701.D

Acq: 11 Sep 2025 15:58

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2025

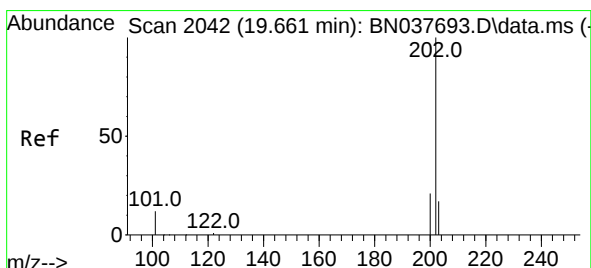
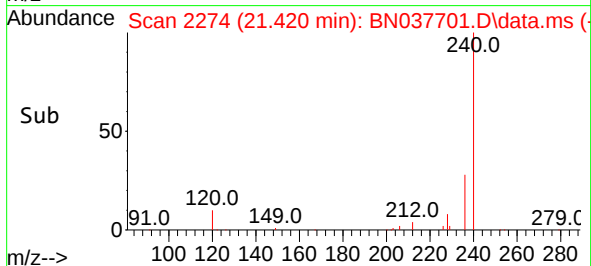
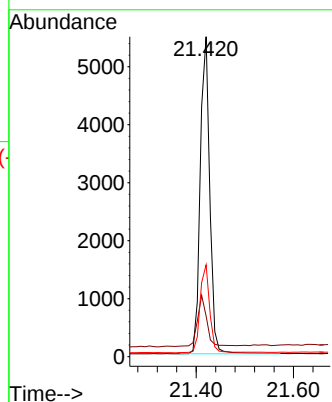
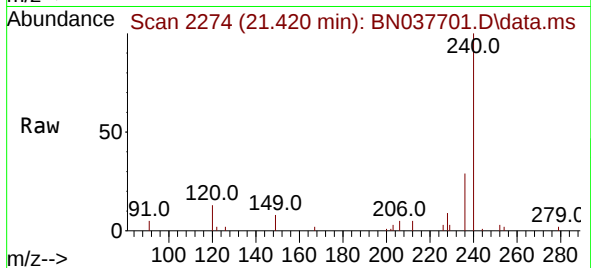
Tgt Ion:240 Resp: 7381

Ion Ratio Lower Upper

240 100

120 12.7 9.2 13.8

236 28.7 22.6 33.8



#30

Pyrene

Concen: 0.206 ng

RT: 19.661 min Scan# 2042

Delta R.T. 0.000 min

Lab File: BN037701.D

Acq: 11 Sep 2025 15:58

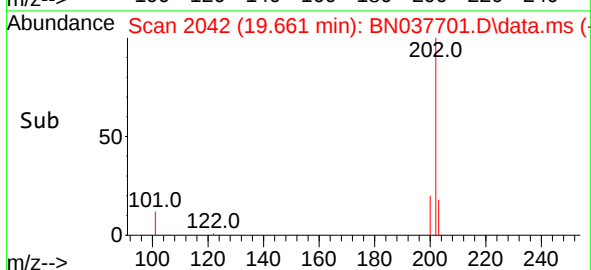
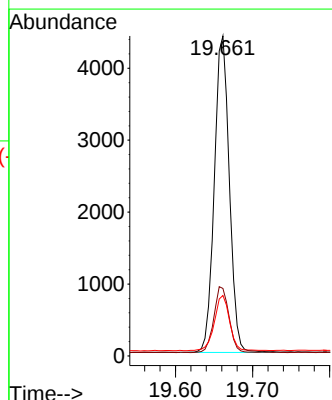
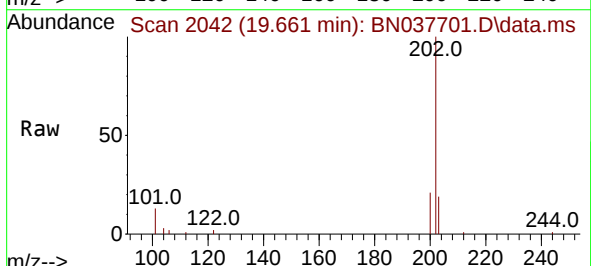
Tgt Ion:202 Resp: 5944

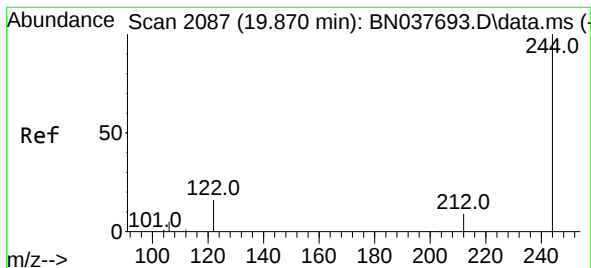
Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

203 17.8 14.3 21.5





#31

Terphenyl-d14

Concen: 0.414 ng

RT: 19.870 min Scan# 2087

Delta R.T. 0.000 min

Lab File: BN037701.D

Acq: 11 Sep 2025 15:58

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2025

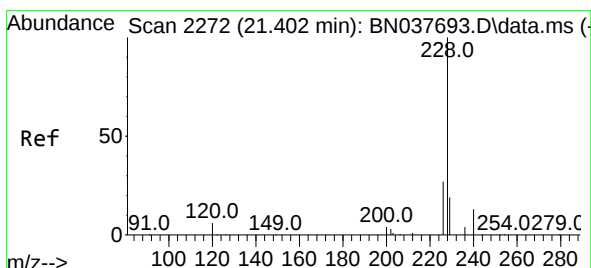
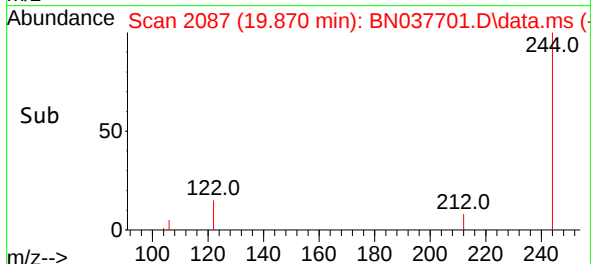
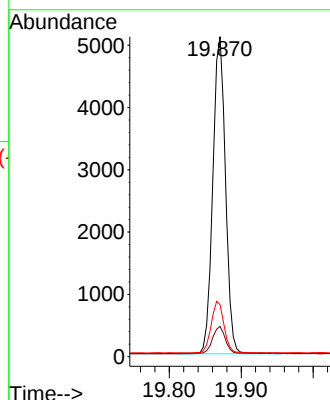
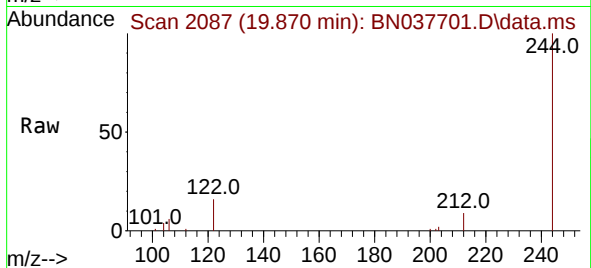
Tgt Ion:244 Resp: 6200

Ion Ratio Lower Upper

244 100

212 9.4 7.5 11.3

122 16.3 13.2 19.8



#32

Benzo(a)anthracene

Concen: 0.201 ng

RT: 21.402 min Scan# 2272

Delta R.T. 0.000 min

Lab File: BN037701.D

Acq: 11 Sep 2025 15:58

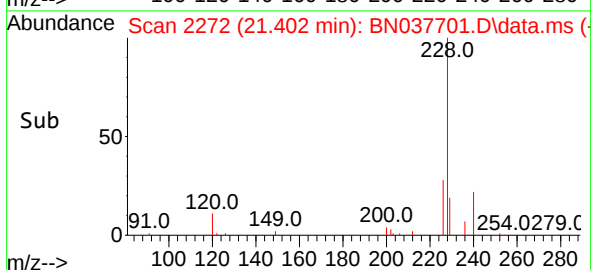
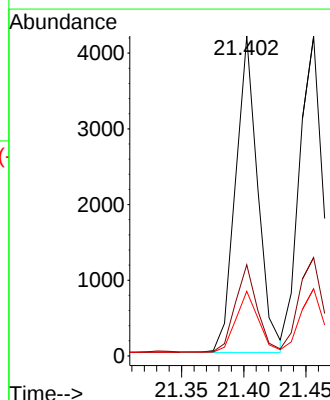
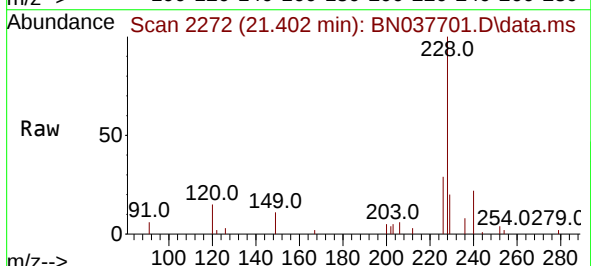
Tgt Ion:228 Resp: 5184

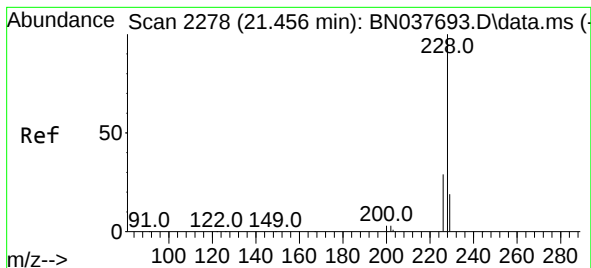
Ion Ratio Lower Upper

228 100

226 28.5 22.2 33.2

229 20.2 15.8 23.6





#33

Chrysene

Concen: 0.200 ng

RT: 21.456 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037701.D

Acq: 11 Sep 2025 15:58

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2025

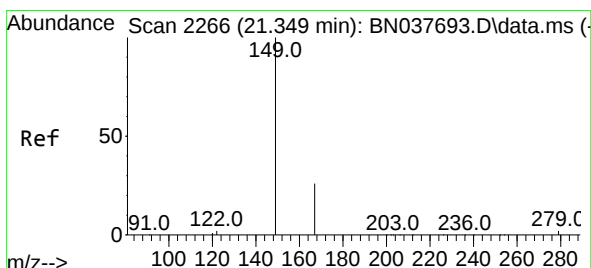
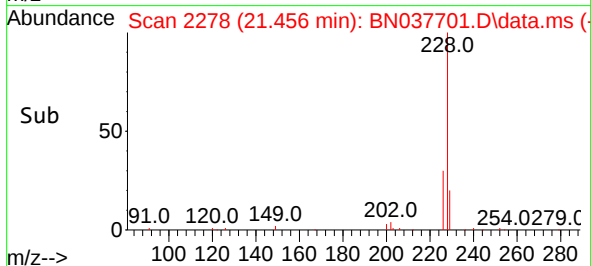
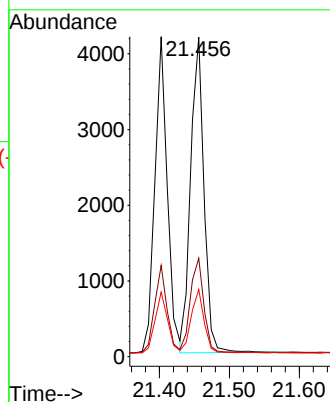
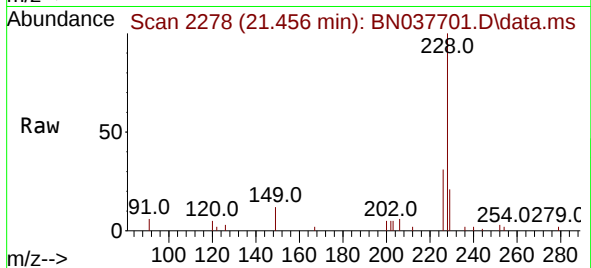
Tgt Ion:228 Resp: 5533

Ion Ratio Lower Upper

228 100

226 30.8 23.5 35.3

229 21.0 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.202 ng

RT: 21.349 min Scan# 2266

Delta R.T. 0.000 min

Lab File: BN037701.D

Acq: 11 Sep 2025 15:58

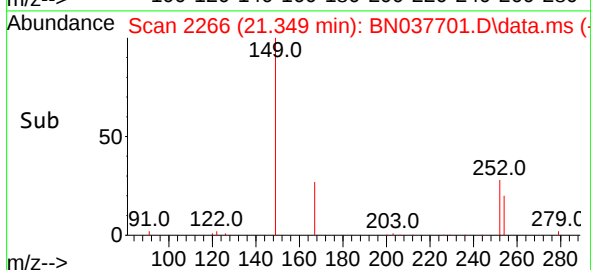
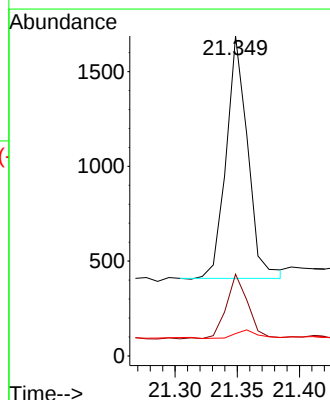
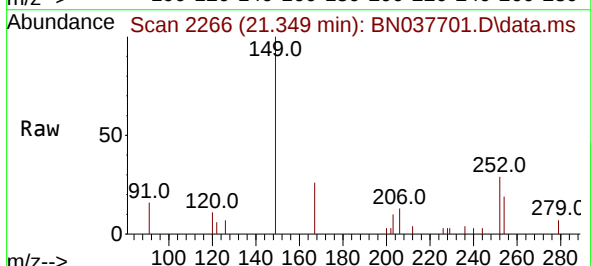
Tgt Ion:149 Resp: 1538

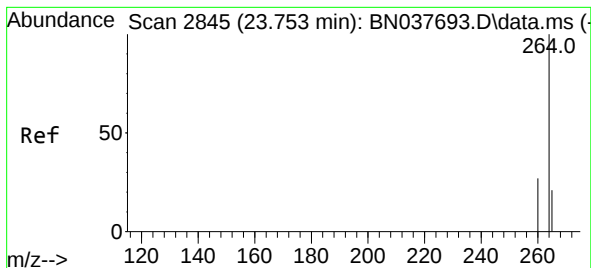
Ion Ratio Lower Upper

149 100

167 27.0 20.8 31.2

279 3.7 3.3 4.9





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.750 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN037701.D

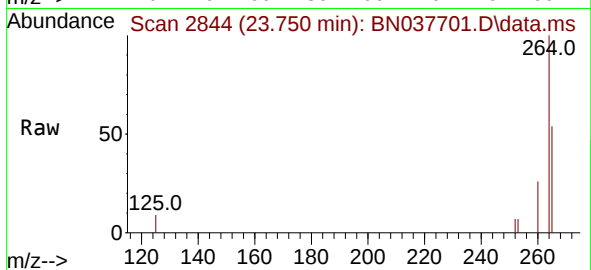
Acq: 11 Sep 2025 15:58

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2025



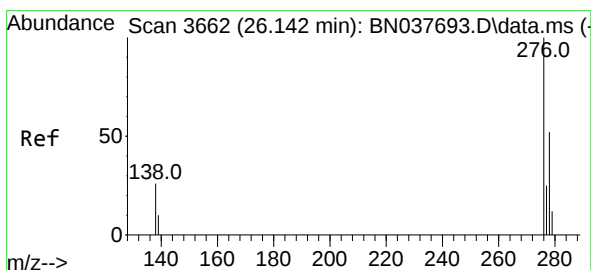
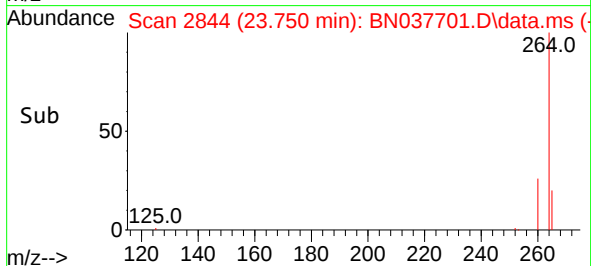
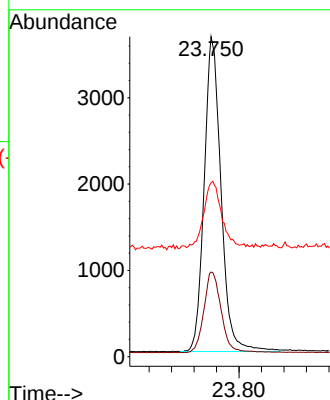
Tgt Ion:264 Resp: 7591

Ion Ratio Lower Upper

264 100

260 26.5 21.8 32.8

265 54.3 39.4 59.2



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.194 ng

RT: 26.139 min Scan# 3661

Delta R.T. -0.003 min

Lab File: BN037701.D

Acq: 11 Sep 2025 15:58

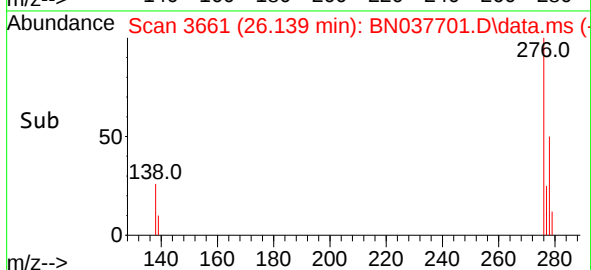
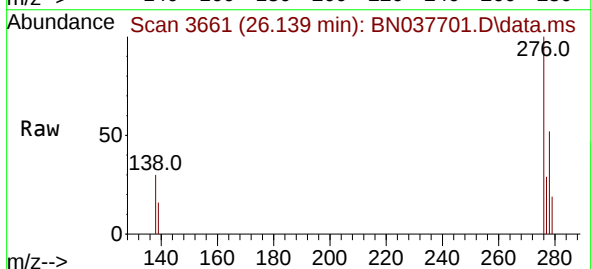
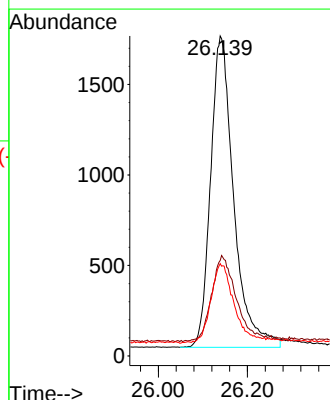
Tgt Ion:276 Resp: 6193

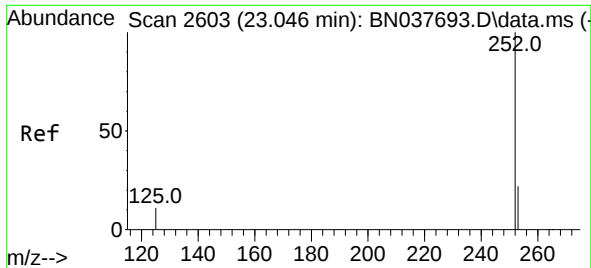
Ion Ratio Lower Upper

276 100

138 28.1 21.9 32.9

277 25.0 20.1 30.1

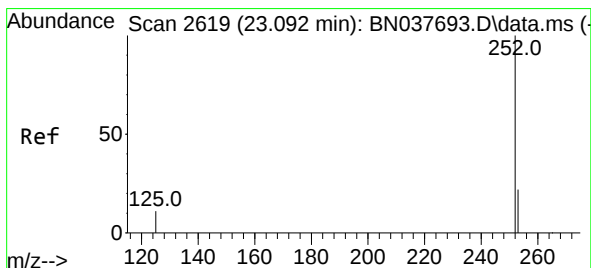
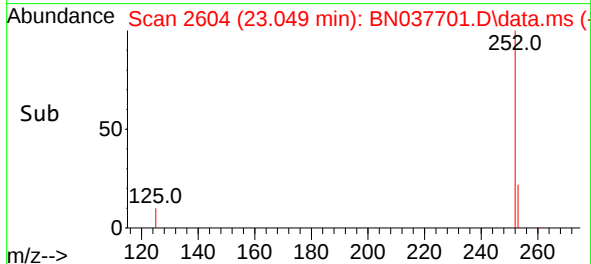
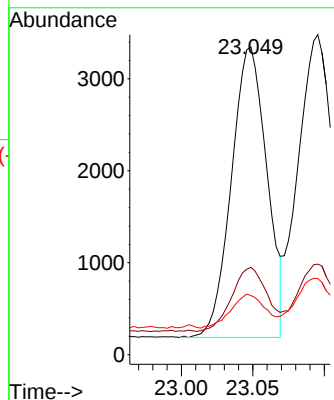
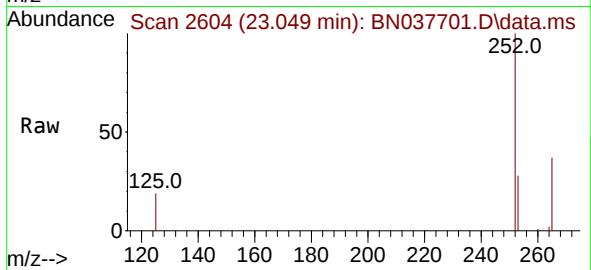




#37
Benzo(b)fluoranthene
Concen: 0.182 ng
RT: 23.049 min Scan# 2603
Delta R.T. 0.003 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

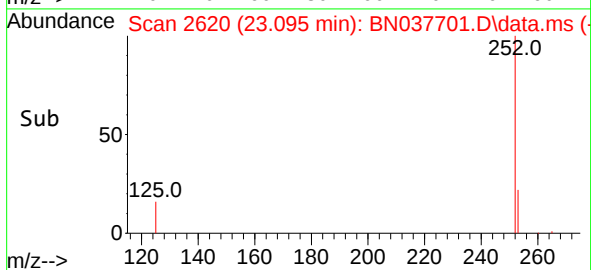
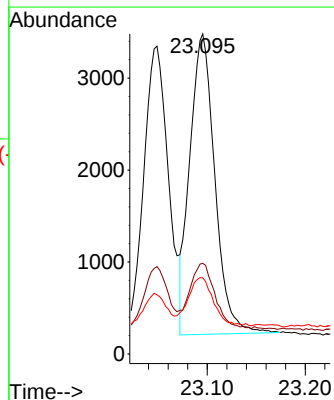
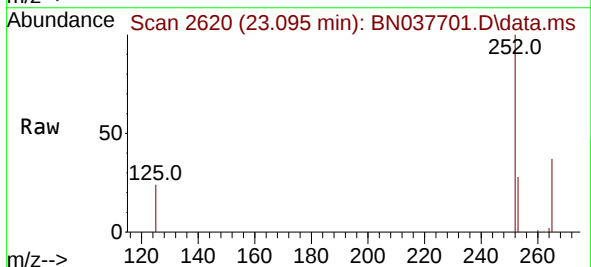
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2025

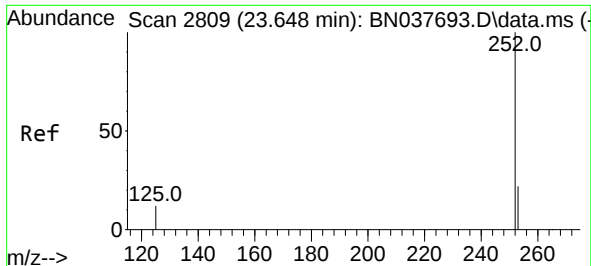
Tgt Ion:252 Resp: 5447
Ion Ratio Lower Upper
252 100
253 28.4 19.4 29.2
125 19.2 11.2 16.8#



#38
Benzo(k)fluoranthene
Concen: 0.190 ng
RT: 23.095 min Scan# 2620
Delta R.T. 0.003 min
Lab File: BN037701.D
Acq: 11 Sep 2025 15:58

Tgt Ion:252 Resp: 5801
Ion Ratio Lower Upper
252 100
253 28.3 19.4 29.0
125 23.8 11.6 17.4#





#39

Benzo(a)pyrene

Concen: 0.198 ng

RT: 23.651 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN037701.D

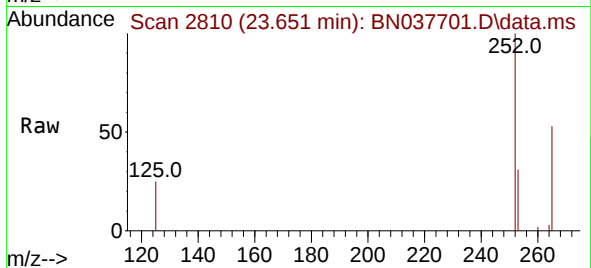
Acq: 11 Sep 2025 15:58

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2025



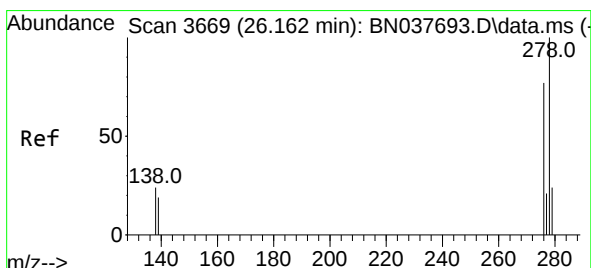
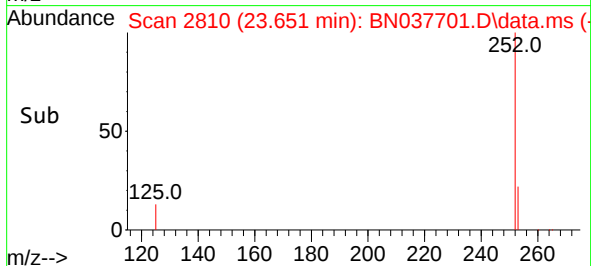
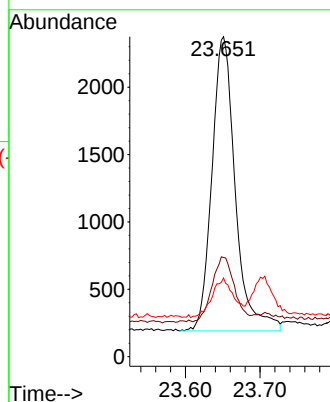
Tgt Ion:252 Resp: 4751

Ion Ratio Lower Upper

252 100

253 31.0 20.8 31.2

125 24.6 13.9 20.9#



#40

Dibenzo(a,h)anthracene

Concen: 0.191 ng

RT: 26.162 min Scan# 3669

Delta R.T. 0.000 min

Lab File: BN037701.D

Acq: 11 Sep 2025 15:58

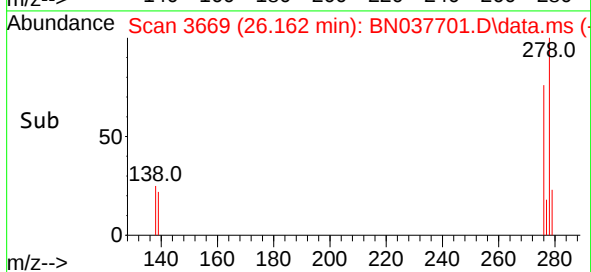
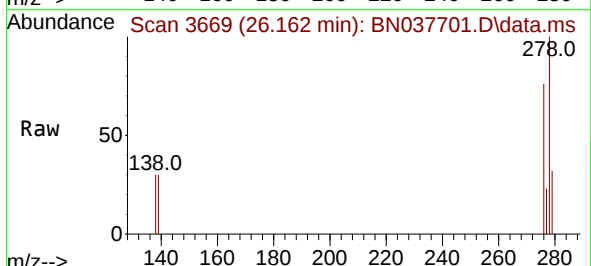
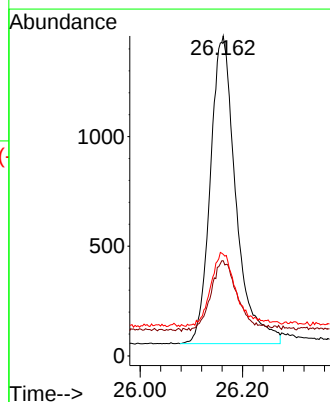
Tgt Ion:278 Resp: 4860

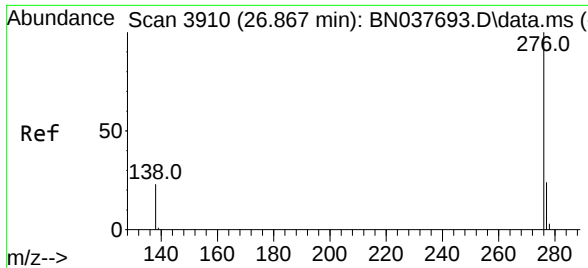
Ion Ratio Lower Upper

278 100

139 29.7 17.8 26.6#

279 31.7 22.0 33.0





#41
 Benzo(g,h,i)perylene
 Concen: 0.187 ng
 RT: 26.867 min Scan# 3910
 Delta R.T. 0.000 min
 Lab File: BN037701.D
 Acq: 11 Sep 2025 15:58

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

Tgt Ion:	276	Resp:	5331
Ion Ratio	Lower	Upper	
276	100		
277	27.4	20.6	31.0
138	27.8	20.2	30.2

