

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071125\
 Data File : BN037479.D
 Acq On : 11 Jul 2025 18:29
 Operator : RC/JU
 Sample : Q2126-03
 Misc : MDL-SOIL-0.2 PPM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2025

Quant Time: Jul 11 22:42:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 11 15:38:34 2025
 Response via : Initial Calibration

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

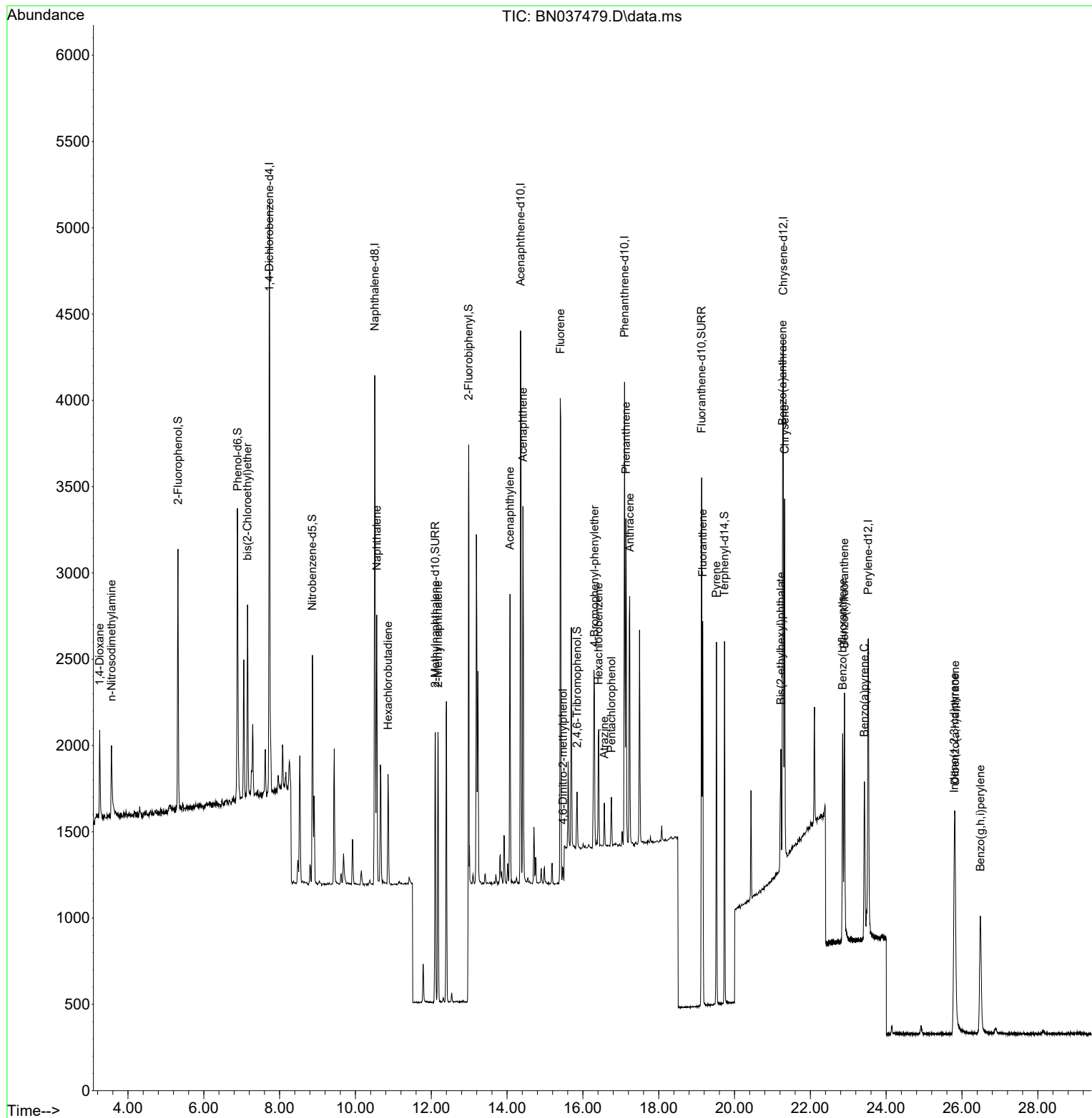
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	1590	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	3790	0.400	ng	0.00
13) Acenaphthene-d10	14.356	164	1776	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	3290	0.400	ng	0.00
29) Chrysene-d12	21.286	240	2415	0.400	ng	0.00
35) Perylene-d12	23.528	264	2377	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	1199	0.324	ng	0.00
5) Phenol-d6	6.894	99	1492	0.320	ng	0.00
8) Nitrobenzene-d5	8.865	82	1022	0.371	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2070	0.402	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	185	0.307	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	3787	0.374	ng	0.00
27) Fluoranthene-d10	19.132	212	3325	0.401	ng	0.00
31) Terphenyl-d14	19.736	244	2014	0.400	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.254	88	330	0.221	ng	95
3) n-Nitrosodimethylamine	3.564	42	393	0.197	ng	# 96
6) bis(2-Chloroethyl)ether	7.154	93	813	0.209	ng	98
9) Naphthalene	10.562	128	1957	0.192	ng	96
10) Hexachlorobutadiene	10.861	225	502	0.205	ng	# 97
12) 2-Methylnaphthalene	12.177	142	1107	0.174	ng	96
16) Acenaphthylene	14.078	152	1710	0.211	ng	100
17) Acenaphthene	14.420	154	1024	0.188	ng	97
18) Fluorene	15.403	166	1269	0.186	ng	99
20) 4,6-Dinitro-2-methylph...	15.478	198	62	0.168	ng	82
21) 4-Bromophenyl-phenylether	16.305	248	380	0.185	ng	98
22) Hexachlorobenzene	16.416	284	567	0.200	ng	100
23) Atrazine	16.565	200	192	0.188	ng	92
24) Pentachlorophenol	16.751	266	142	0.146	ng	99
25) Phenanthrene	17.136	178	1901	0.190	ng	99
26) Anthracene	17.235	178	1691	0.187	ng	98
28) Fluoranthene	19.160	202	1943	0.177	ng	99
30) Pyrene	19.522	202	1892	0.195	ng	100
32) Benzo(a)anthracene	21.268	228	1591	0.195	ng	98
33) Chrysene	21.322	228	1726	0.193	ng	97
34) Bis(2-ethylhexyl)phtha...	21.223	149	604	0.217	ng	98
36) Indeno(1,2,3-cd)pyrene	25.797	276	1691	0.183	ng	97
37) Benzo(b)fluoranthene	22.853	252	1587	0.172	ng	# 89
38) Benzo(k)fluoranthene	22.899	252	1689	0.180	ng	# 86
39) Benzo(a)pyrene	23.426	252	1359	0.183	ng	# 87
40) Dibenzo(a,h)anthracene	25.817	278	1380	0.185	ng	# 88
41) Benzo(g,h,i)perylene	26.487	276	1456	0.179	ng	93

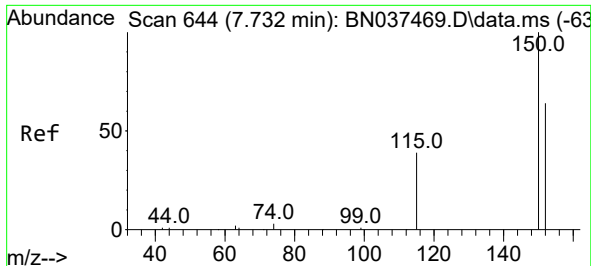
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071125\
Data File : BN037479.D
Acq On : 11 Jul 2025 18:29
Operator : RC/JU
Sample : Q2126-03
Misc : MDL-SOIL-0.2 PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2025

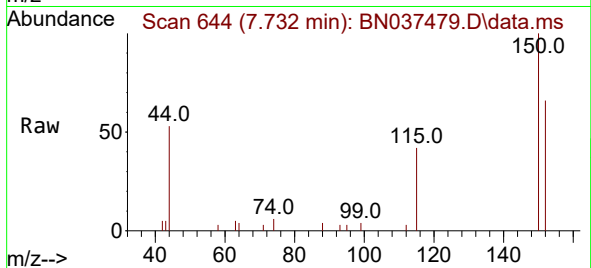
Quant Time: Jul 11 22:42:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 15:38:34 2025
Response via : Initial Calibration



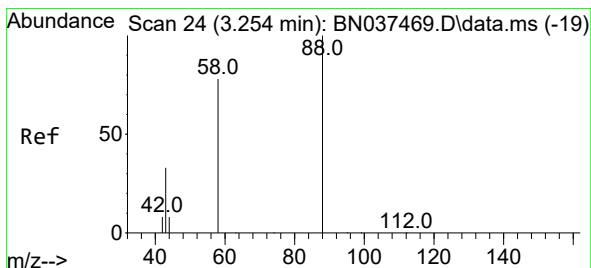
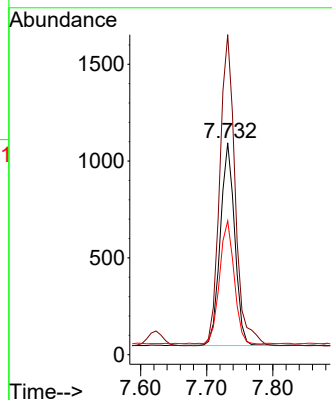
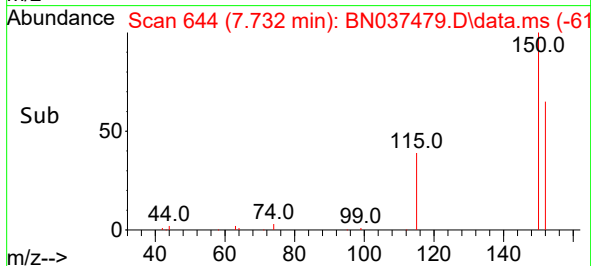


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.732 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN037479.D
 Acq: 11 Jul 2025 18:29

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2025

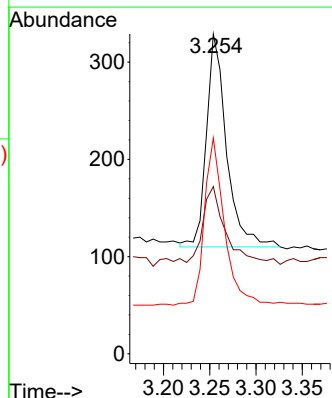
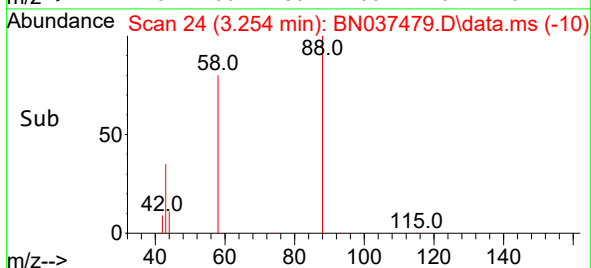
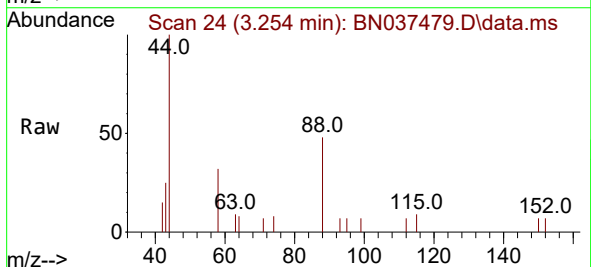


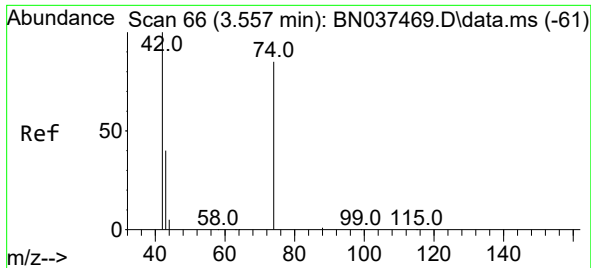
Tgt Ion:152 Resp: 1590
 Ion Ratio Lower Upper
 152 100
 150 151.1 122.5 183.7
 115 63.2 49.9 74.9



#2
 1,4-Dioxane
 Concen: 0.221 ng
 RT: 3.254 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BN037479.D
 Acq: 11 Jul 2025 18:29

Tgt Ion: 88 Resp: 330
 Ion Ratio Lower Upper
 88 100
 43 43.0 30.7 46.1
 58 78.2 65.0 97.4

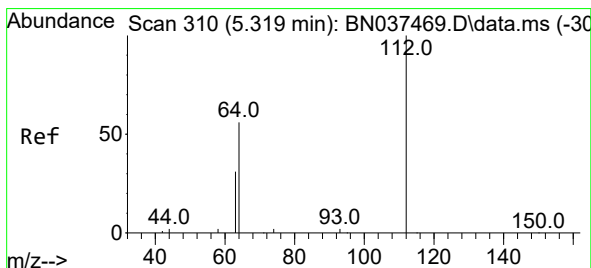
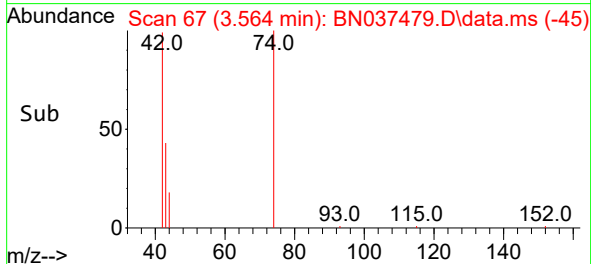
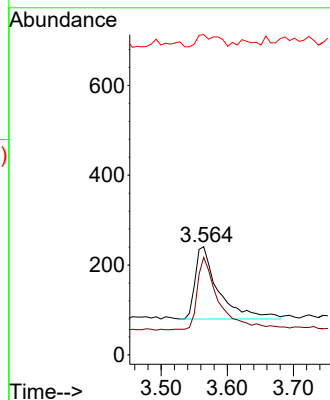
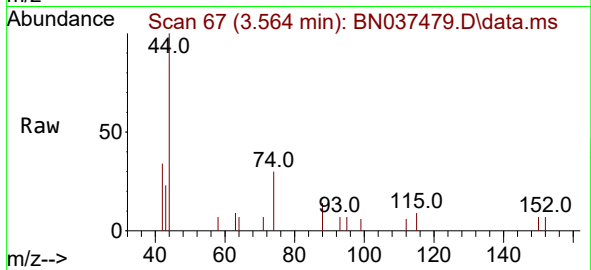




#3
n-Nitrosodimethylamine
Concen: 0.197 ng
RT: 3.564 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

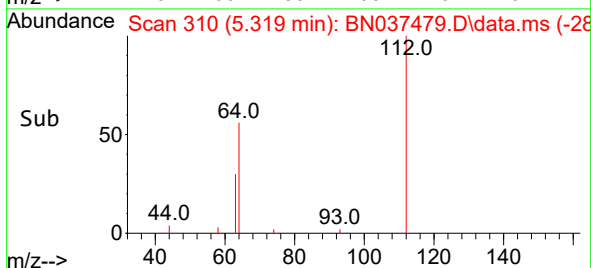
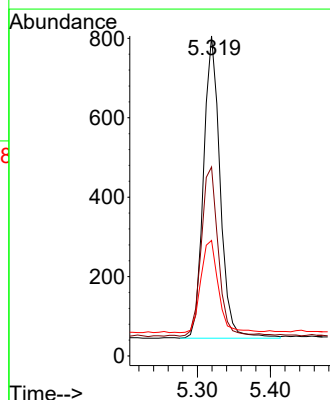
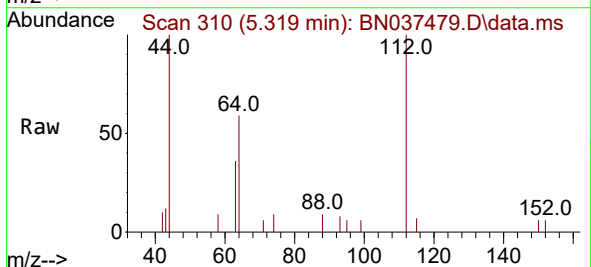
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2025

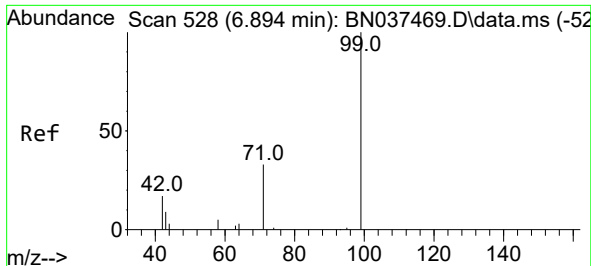
Tgt Ion: 42 Resp: 393
Ion Ratio Lower Upper
42 100
74 96.2 74.9 112.3
44 15.5 7.2 10.8#



#4
2-Fluorophenol
Concen: 0.324 ng
RT: 5.319 min Scan# 310
Delta R.T. -0.000 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

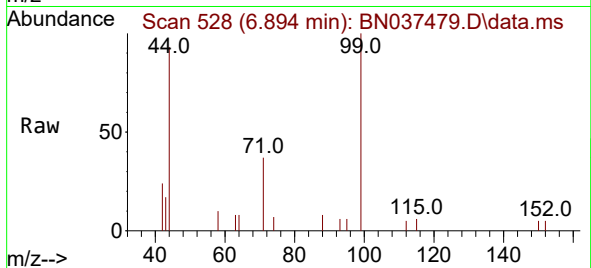
Tgt Ion: 112 Resp: 1199
Ion Ratio Lower Upper
112 100
64 59.4 45.4 68.0
63 32.3 24.7 37.1





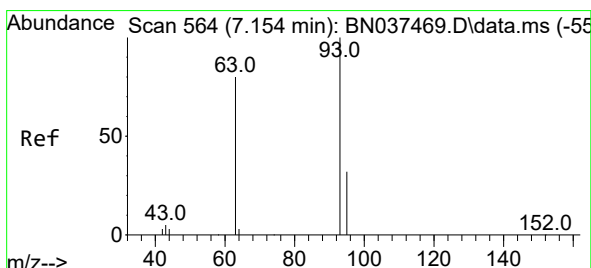
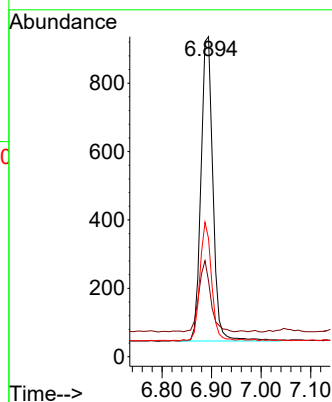
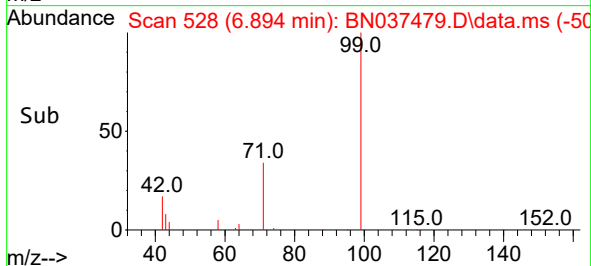
#5
Phenol-d6
Concen: 0.320 ng
RT: 6.894 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion: 99 Resp: 1492

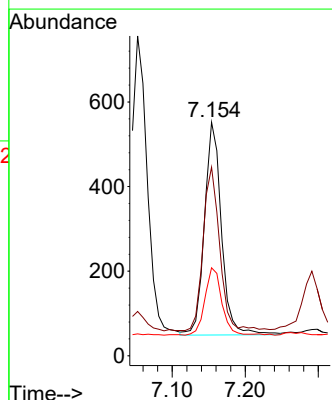
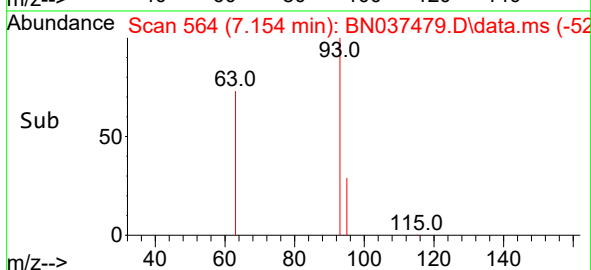
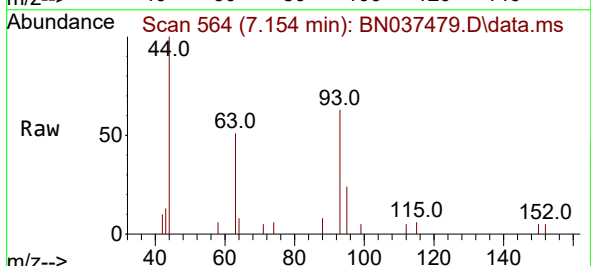
Ion	Ratio	Lower	Upper
99	100		
42	23.1	19.5	29.3
71	37.0	29.4	44.2

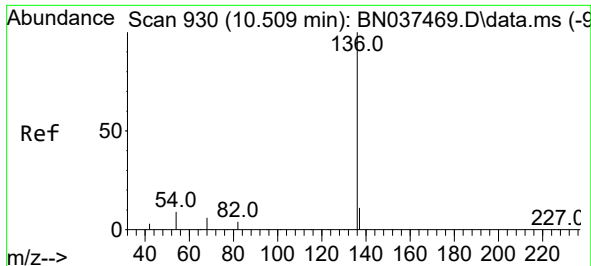


#6
bis(2-Chloroethyl)ether
Concen: 0.209 ng
RT: 7.154 min Scan# 564
Delta R.T. -0.000 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

Tgt Ion: 93 Resp: 813

Ion	Ratio	Lower	Upper
93	100		
63	74.5	60.8	91.2
95	31.2	25.6	38.4

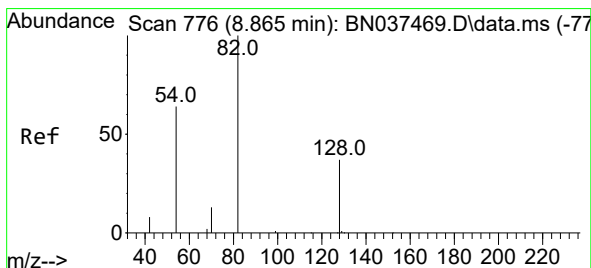
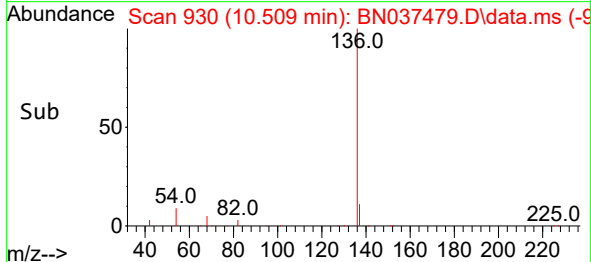
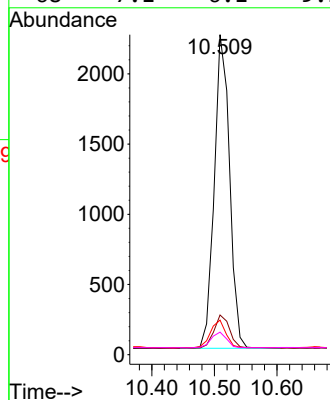
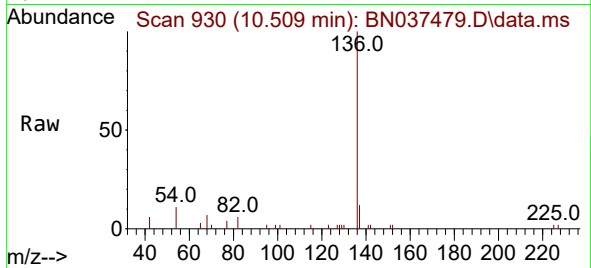




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

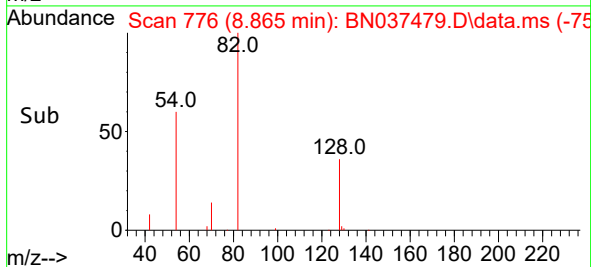
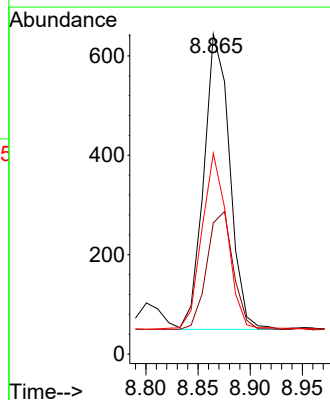
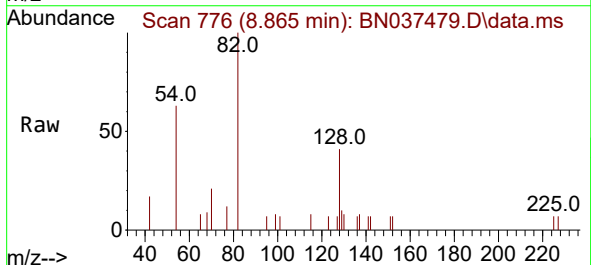
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT2-2025

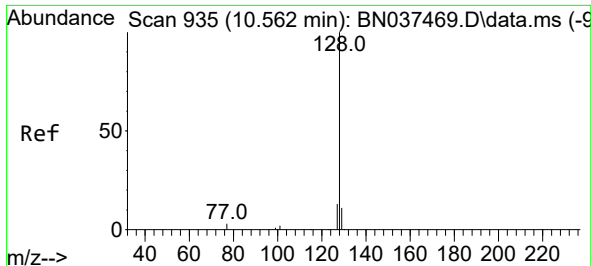
Tgt Ion:	136	Resp:	3790
Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.0	15.0
54	10.8	9.0	13.6
68	7.1	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.371 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.000 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

Tgt Ion:	82	Resp:	1022
Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.1	49.7
54	62.7	53.0	79.4

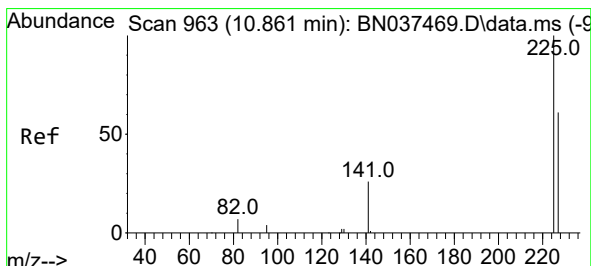
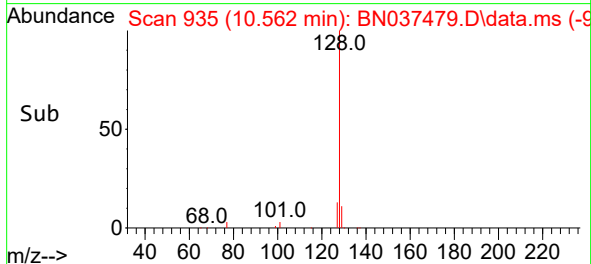
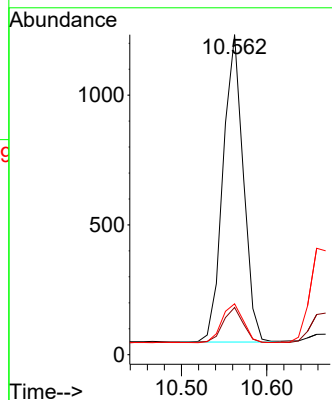
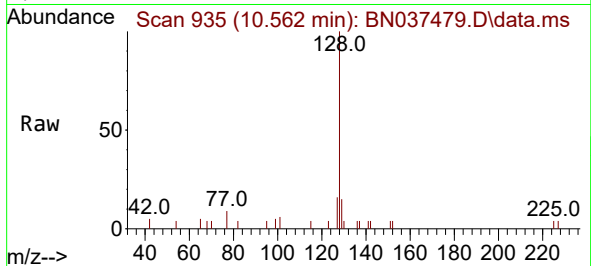




#9
Naphthalene
Concen: 0.192 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

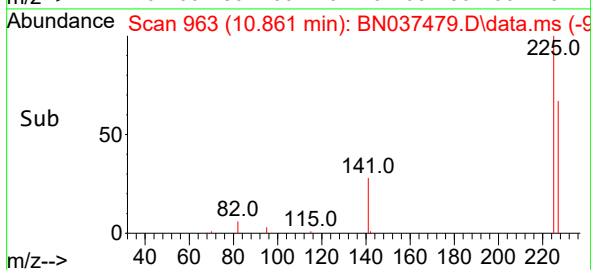
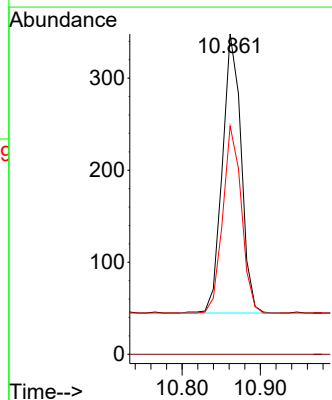
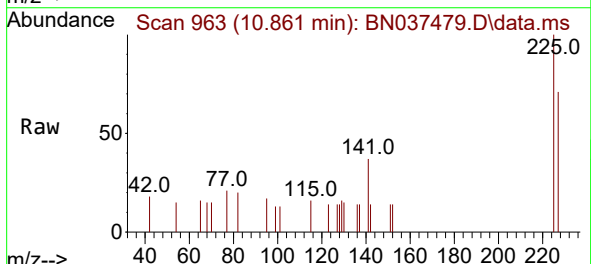
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BNA_N
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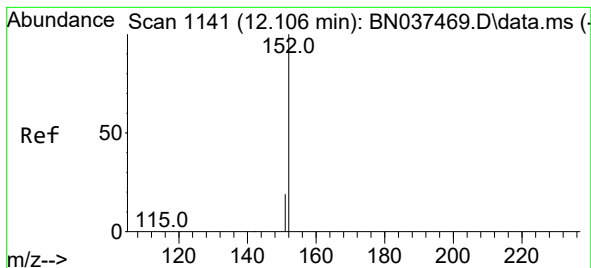
Tgt Ion:	128	Resp:	1957
Ion Ratio	Lower	Upper	
128	100		
129	14.8	10.2	15.2
127	15.9	11.8	17.6



#10
Hexachlorobutadiene
Concen: 0.205 ng
RT: 10.861 min Scan# 963
Delta R.T. -0.000 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

Tgt Ion:	225	Resp:	502
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	66.5	51.4	77.2

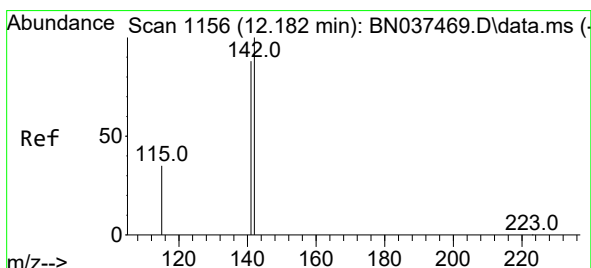
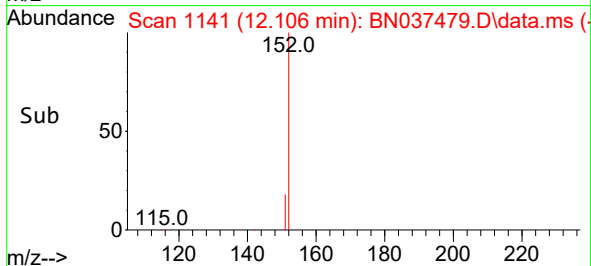
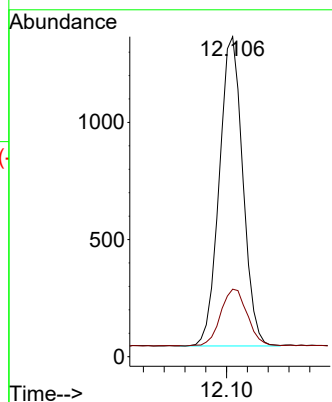
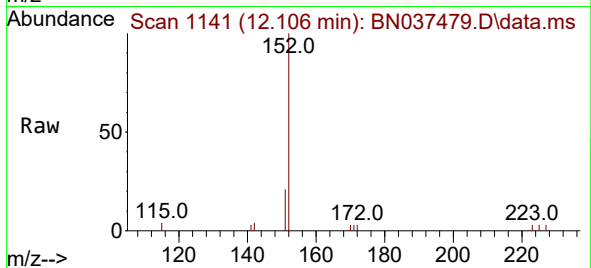




#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

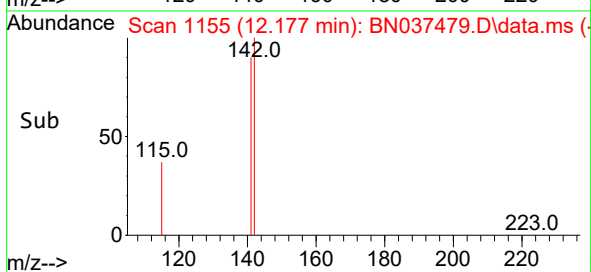
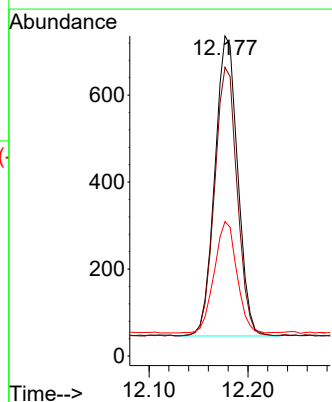
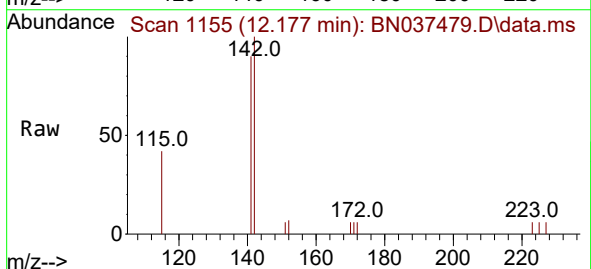
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2025

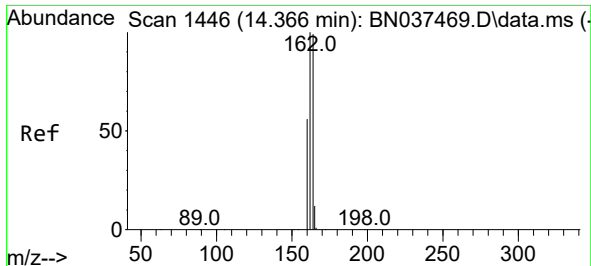
Tgt Ion:152 Resp: 2070
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.6



#12
2-Methylnaphthalene
Concen: 0.174 ng
RT: 12.177 min Scan# 1155
Delta R.T. -0.005 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

Tgt Ion:142 Resp: 1107
Ion Ratio Lower Upper
142 100
141 90.2 70.6 105.8
115 42.0 30.0 45.0

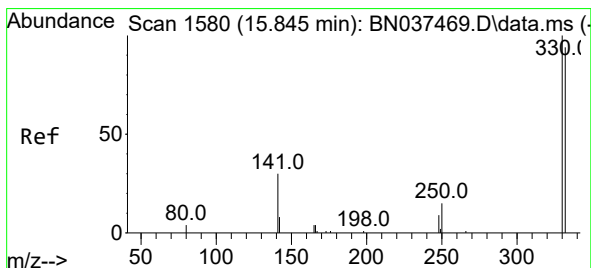
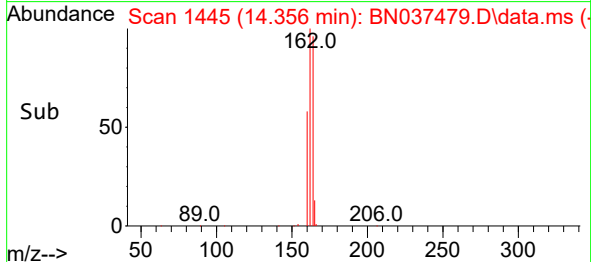
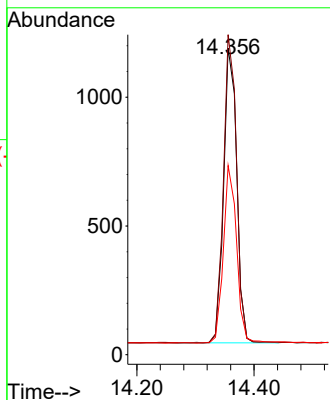
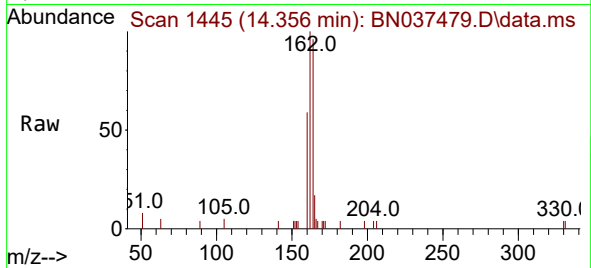




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.356 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

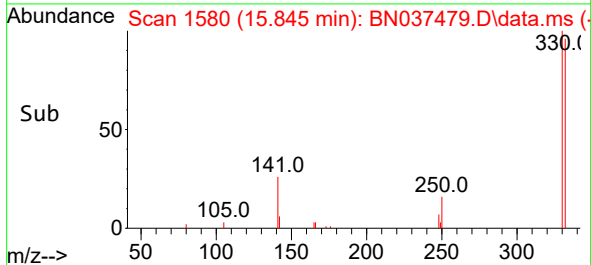
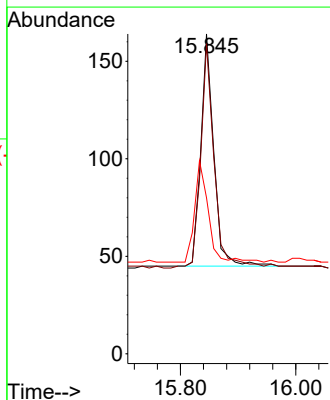
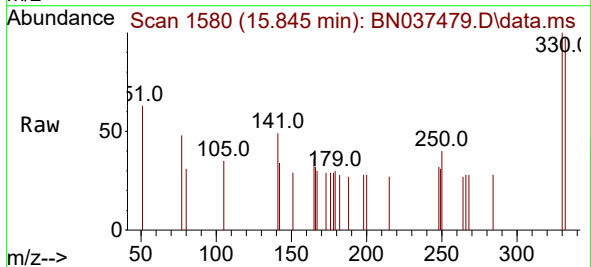
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2025

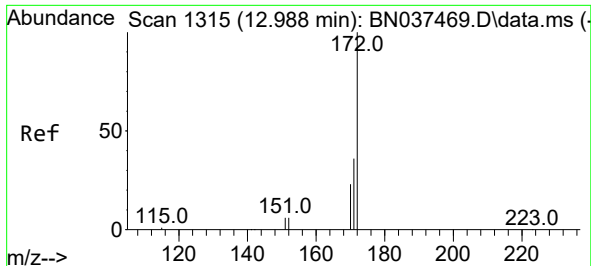
Tgt Ion:164 Resp: 1776
Ion Ratio Lower Upper
164 100
162 104.4 81.1 121.7
160 61.7 46.5 69.7



#14
2,4,6-Tribromophenol
Concen: 0.307 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

Tgt Ion:330 Resp: 185
Ion Ratio Lower Upper
330 100
332 102.2 82.0 123.0
141 46.5 36.2 54.2

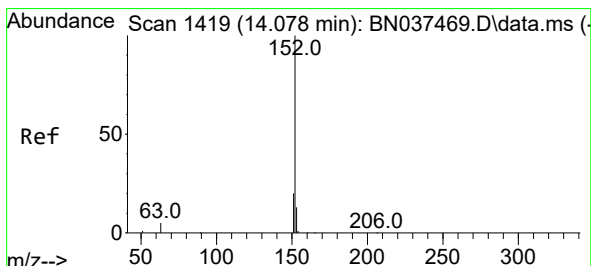
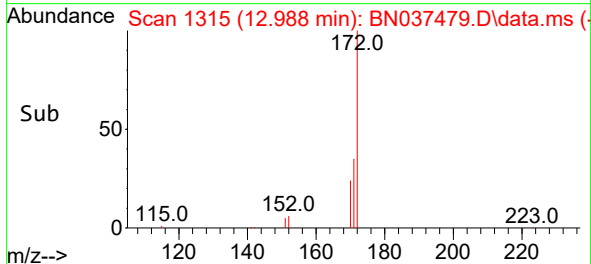
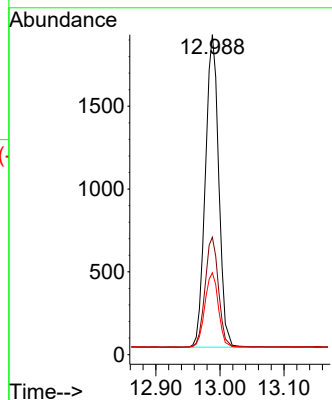
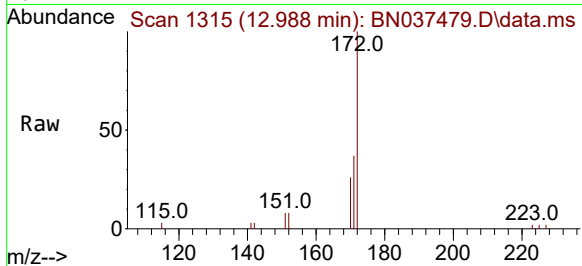




#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 12.988 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

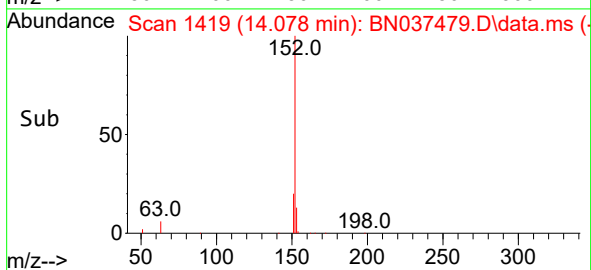
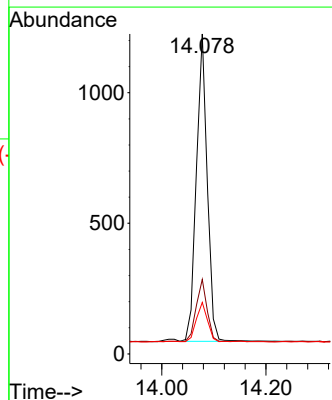
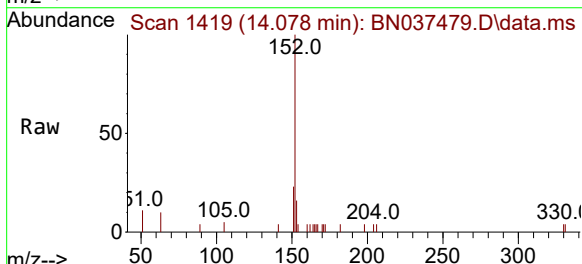
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2025

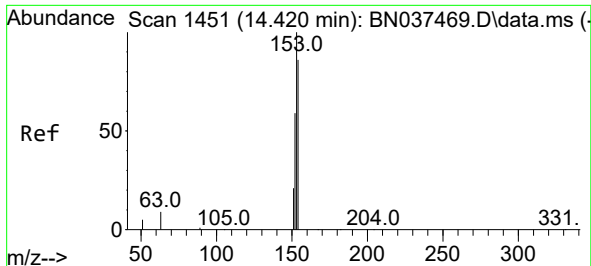
Tgt Ion:	172	Resp:	3787
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.8
170	25.6	20.0	30.0



#16
Acenaphthylene
Concen: 0.211 ng
RT: 14.078 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

Tgt Ion:	152	Resp:	1710
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6
153	13.2	10.6	15.8

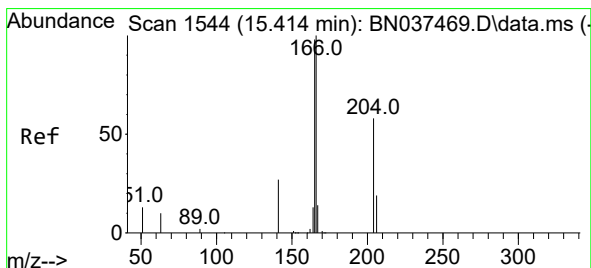
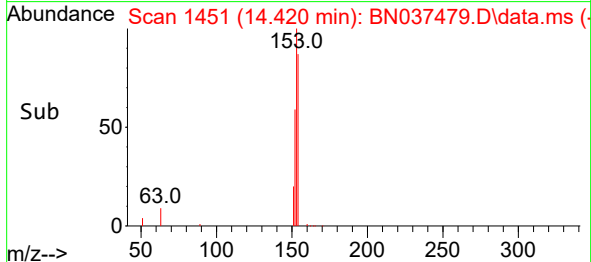
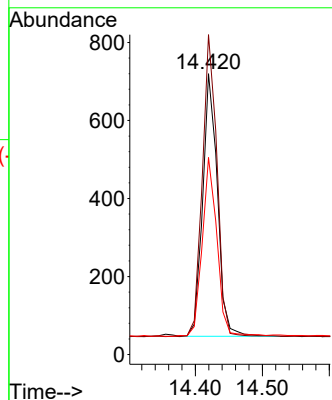
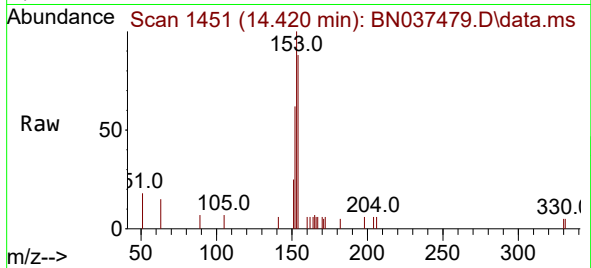




#17
Acenaphthene
Concen: 0.188 ng
RT: 14.420 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

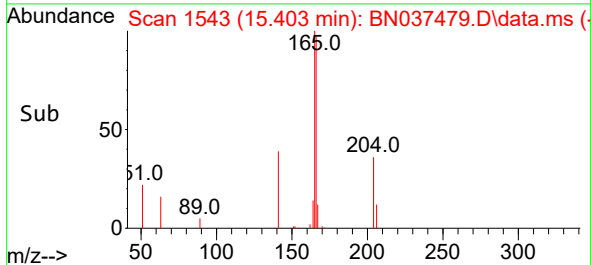
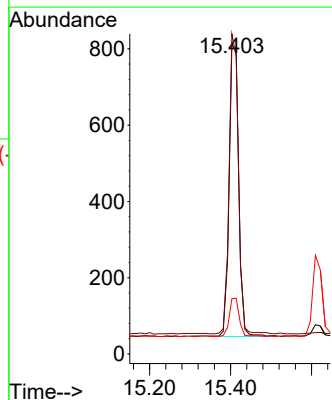
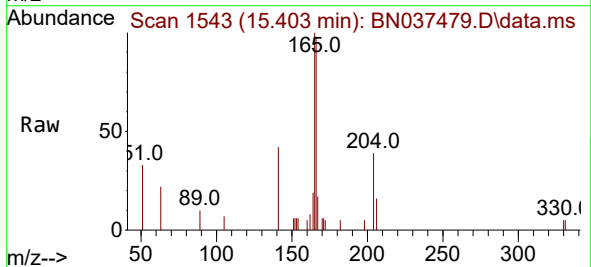
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2025

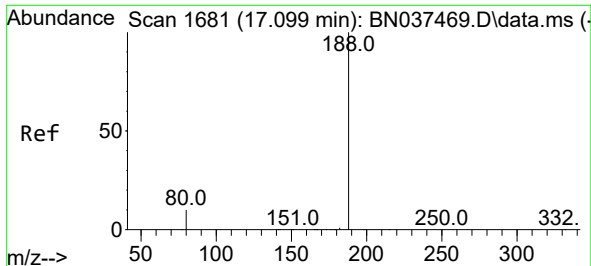
Tgt Ion:154 Resp: 1024
Ion Ratio Lower Upper
154 100
153 115.0 89.4 134.0
152 68.9 53.2 79.8



#18
Fluorene
Concen: 0.186 ng
RT: 15.403 min Scan# 1543
Delta R.T. -0.011 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

Tgt Ion:166 Resp: 1269
Ion Ratio Lower Upper
166 100
165 98.5 79.4 119.2
167 13.6 10.6 15.8

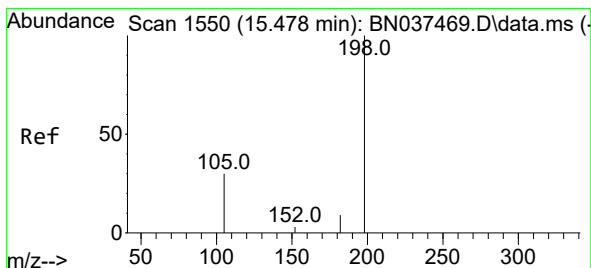
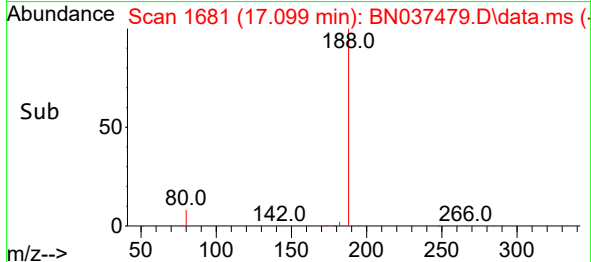
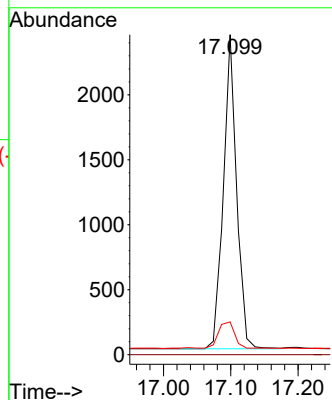
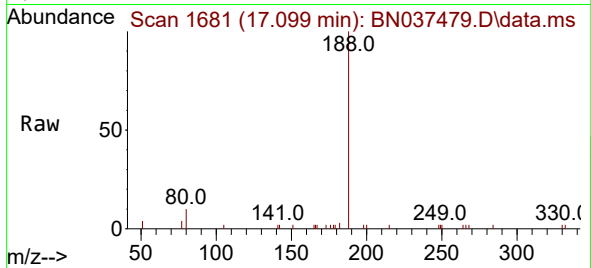




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

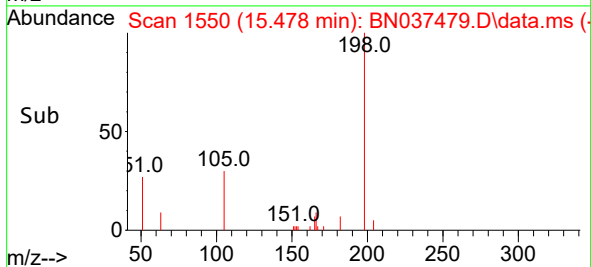
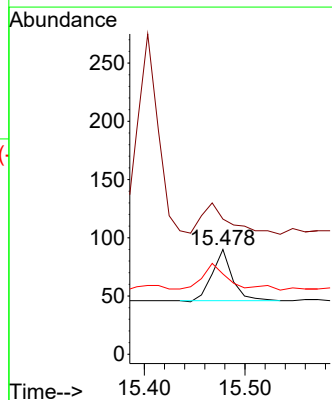
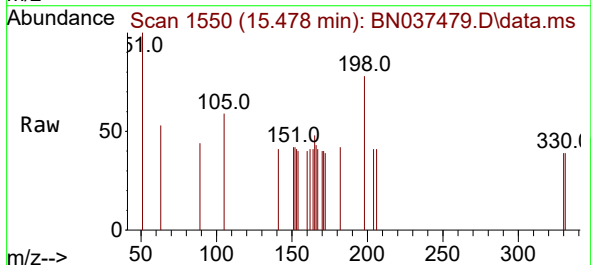
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2025

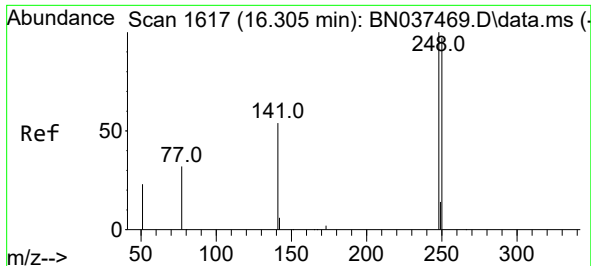
Tgt Ion:188 Resp: 3290
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 9.3 13.9



#20
4,6-Dinitro-2-methylphenol
Concen: 0.168 ng
RT: 15.478 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

Tgt Ion:198 Resp: 62
Ion Ratio Lower Upper
198 100
51 128.9 86.0 129.0
105 76.7 53.0 79.4

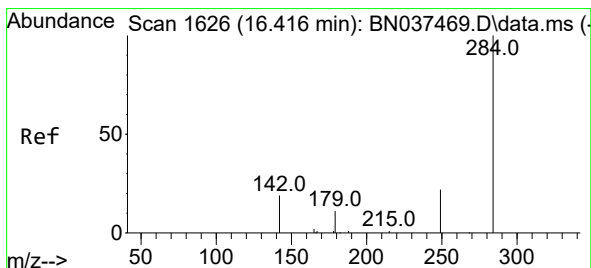
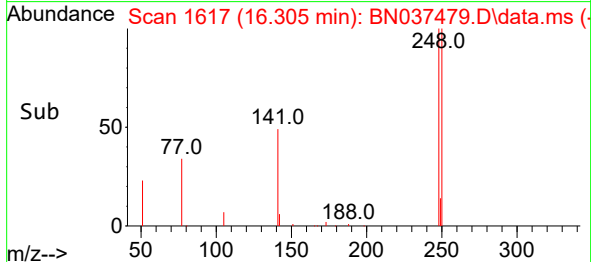
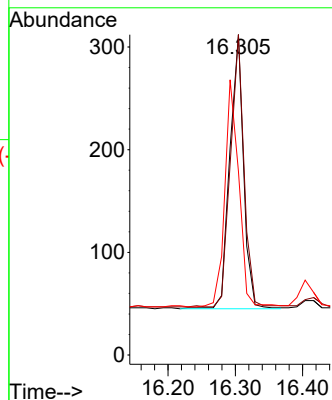
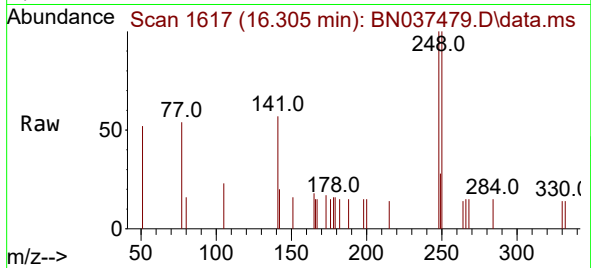




#21
4-Bromophenyl-phenylether
Concen: 0.185 ng
RT: 16.305 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

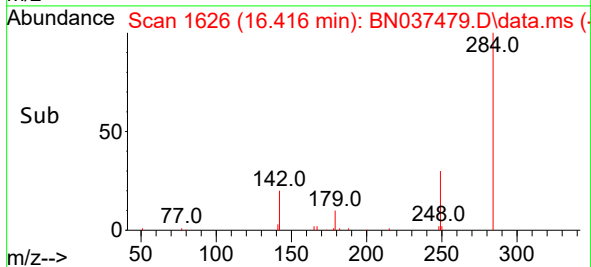
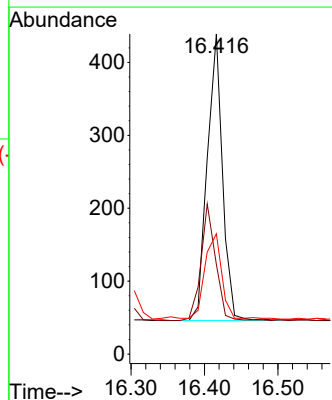
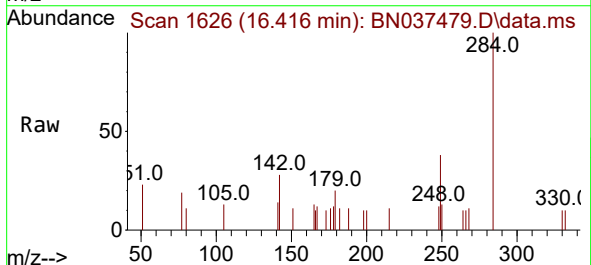
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2025

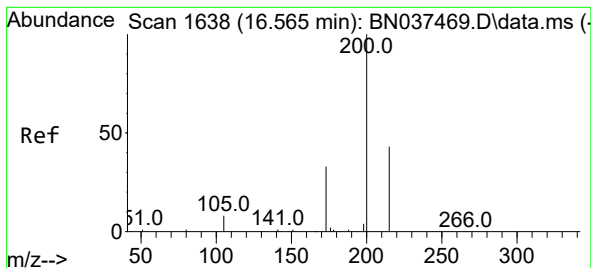
Tgt Ion:248 Resp: 380
Ion Ratio Lower Upper
248 100
250 100.0 77.8 116.6
141 57.4 45.9 68.9



#22
Hexachlorobenzene
Concen: 0.200 ng
RT: 16.416 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

Tgt Ion:284 Resp: 567
Ion Ratio Lower Upper
284 100
142 39.2 31.3 46.9
249 32.8 26.6 40.0





#23

Atrazine

Concen: 0.188 ng

RT: 16.565 min Scan# 1638

Delta R.T. 0.000 min

Lab File: BN037479.D

Acq: 11 Jul 2025 18:29

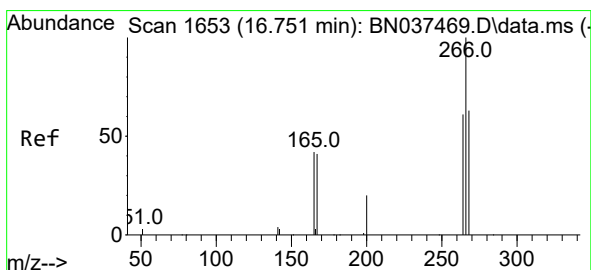
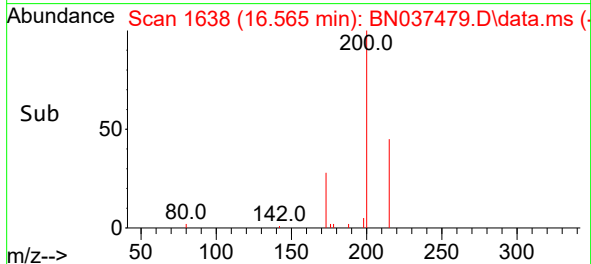
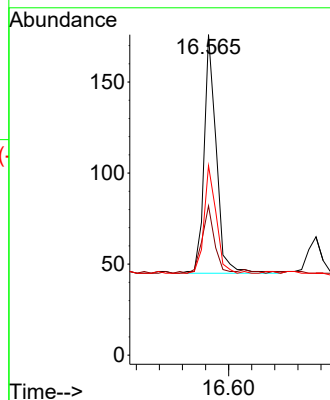
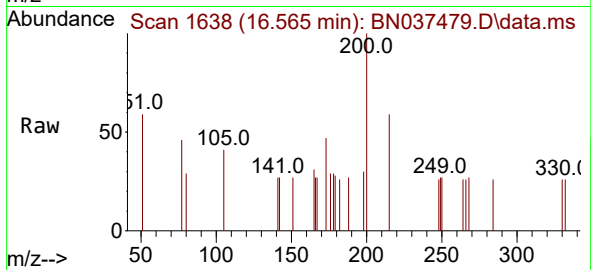
Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2025

Tgt Ion:	200	Resp:	192
Ion Ratio	Lower	Upper	
200	100		
173	46.6	34.3	51.5
215	59.1	41.6	62.4



#24

Pentachlorophenol

Concen: 0.146 ng

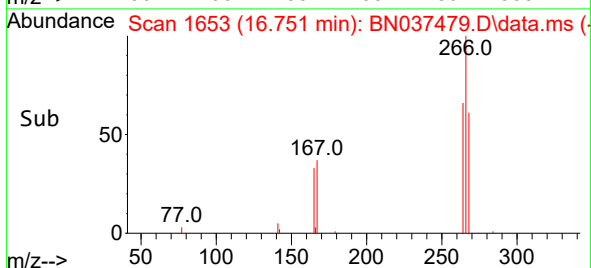
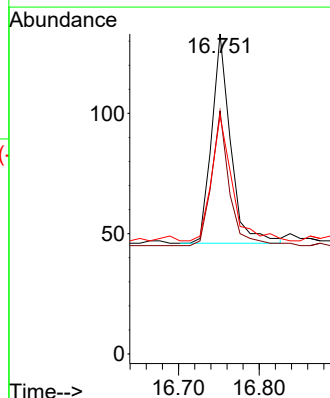
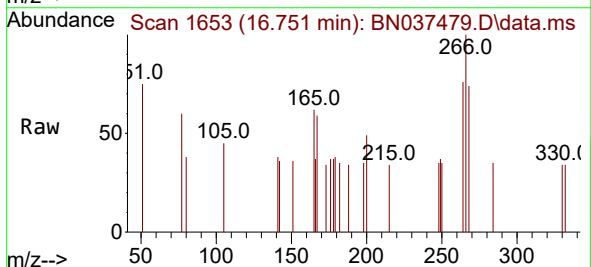
RT: 16.751 min Scan# 1653

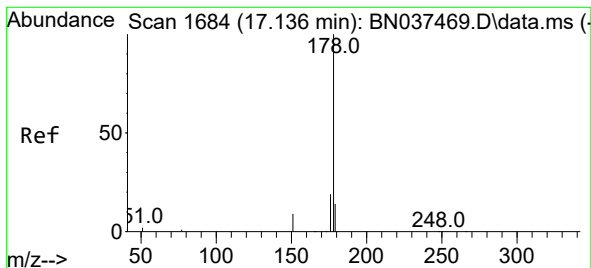
Delta R.T. 0.000 min

Lab File: BN037479.D

Acq: 11 Jul 2025 18:29

Tgt Ion:	266	Resp:	142
Ion Ratio	Lower	Upper	
266	100		
264	60.6	47.5	71.3
268	64.1	50.6	76.0





#25

Phenanthrene

Concen: 0.190 ng

RT: 17.136 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN037479.D

Acq: 11 Jul 2025 18:29

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2025

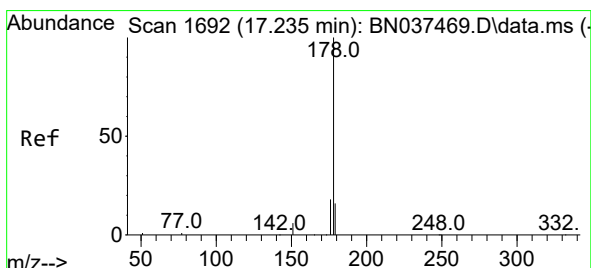
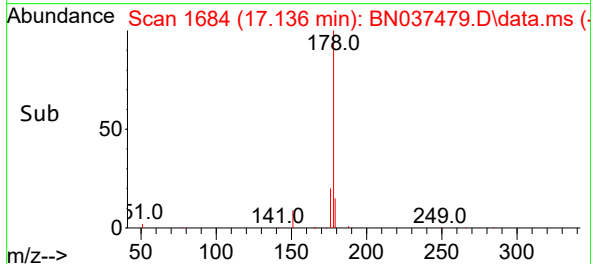
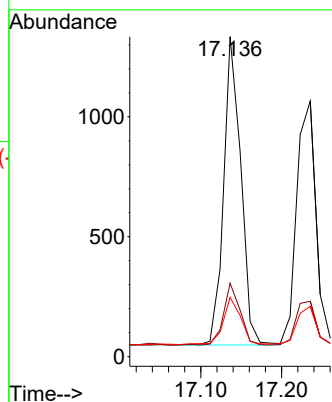
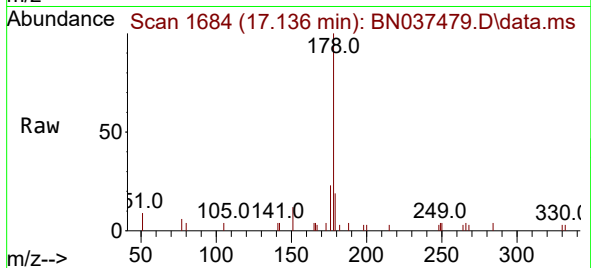
Tgt Ion:178 Resp: 1901

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

179 15.5 12.2 18.2



#26

Anthracene

Concen: 0.187 ng

RT: 17.235 min Scan# 1692

Delta R.T. -0.000 min

Lab File: BN037479.D

Acq: 11 Jul 2025 18:29

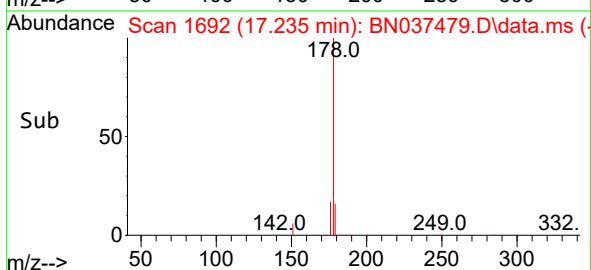
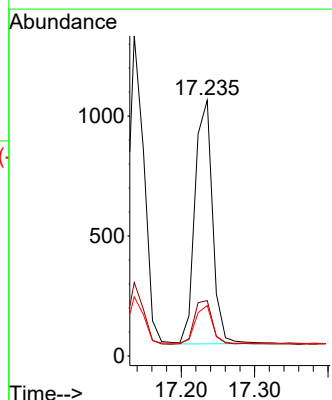
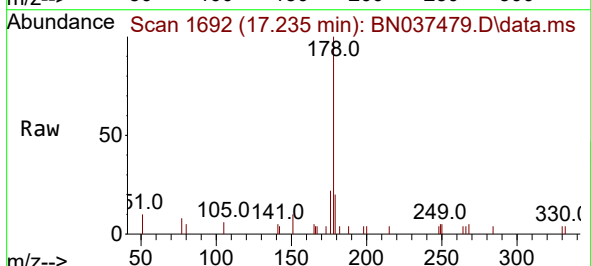
Tgt Ion:178 Resp: 1691

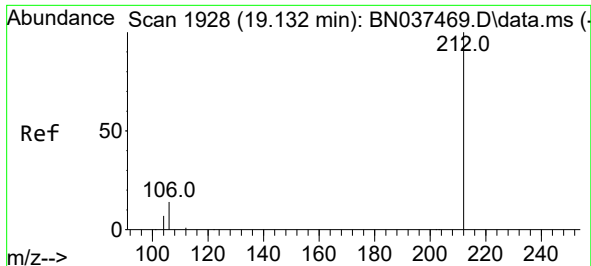
Ion Ratio Lower Upper

178 100

176 19.5 14.9 22.3

179 15.0 12.3 18.5

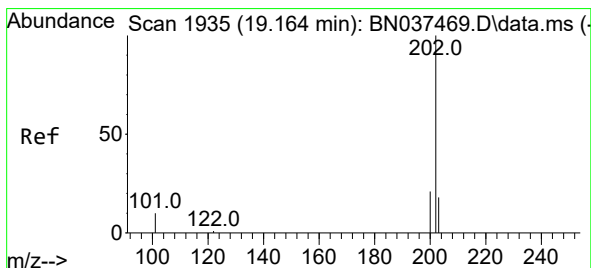
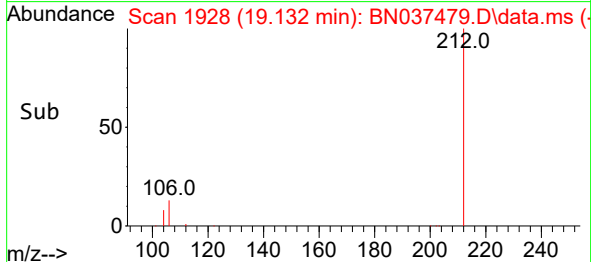
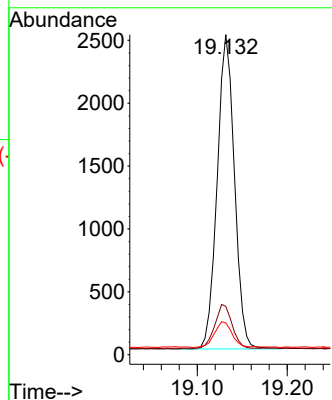
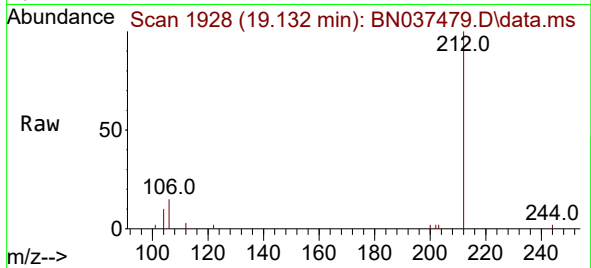




#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.132 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

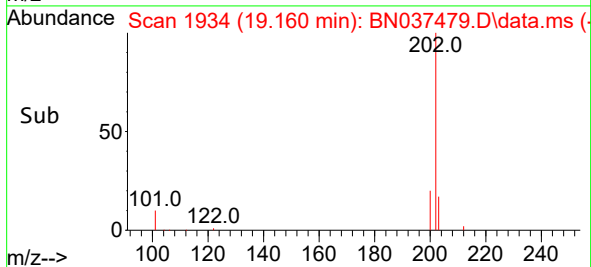
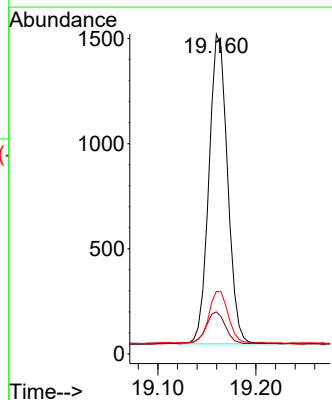
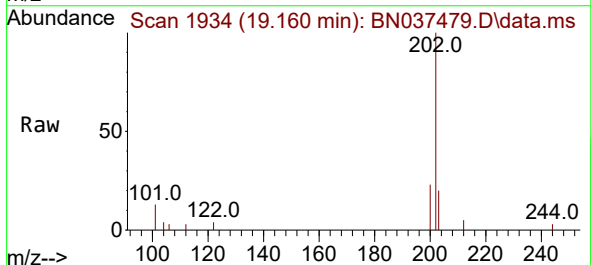
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2025

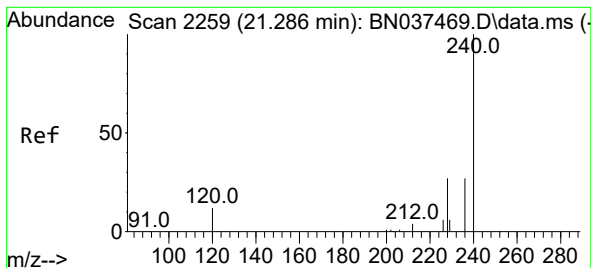
Tgt Ion:212 Resp: 3325
Ion Ratio Lower Upper
212 100
106 14.0 11.7 17.5
104 8.5 6.6 10.0



#28
Fluoranthene
Concen: 0.177 ng
RT: 19.160 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

Tgt Ion:202 Resp: 1943
Ion Ratio Lower Upper
202 100
101 11.1 9.2 13.8
203 17.6 14.0 21.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.286 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037479.D

Acq: 11 Jul 2025 18:29

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2025

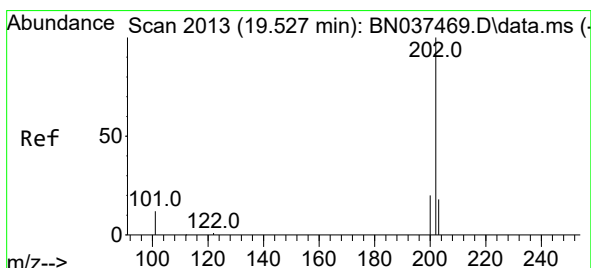
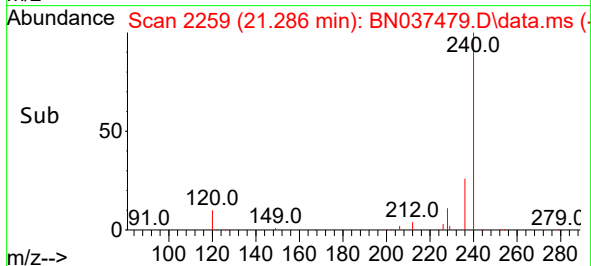
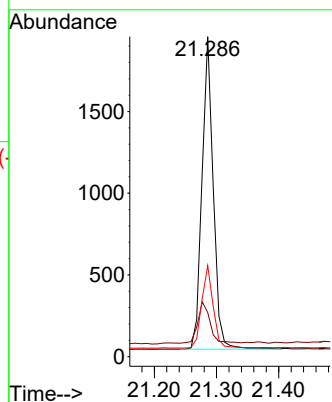
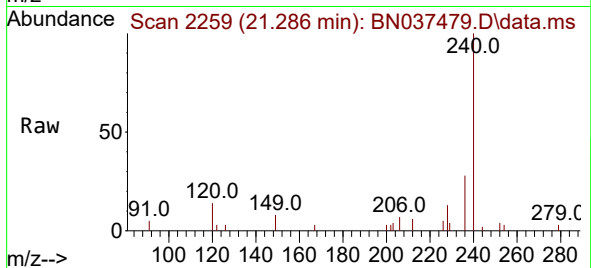
Tgt Ion:240 Resp: 2415

Ion Ratio Lower Upper

240 100

120 13.8 12.4 18.6

236 28.4 22.9 34.3



#30

Pyrene

Concen: 0.195 ng

RT: 19.522 min Scan# 2012

Delta R.T. -0.005 min

Lab File: BN037479.D

Acq: 11 Jul 2025 18:29

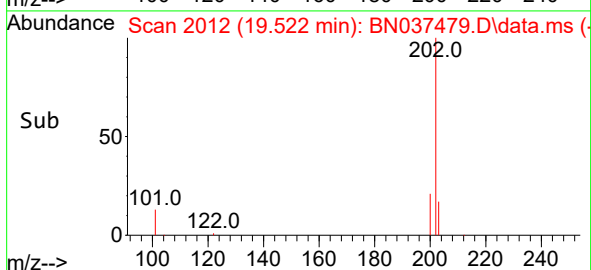
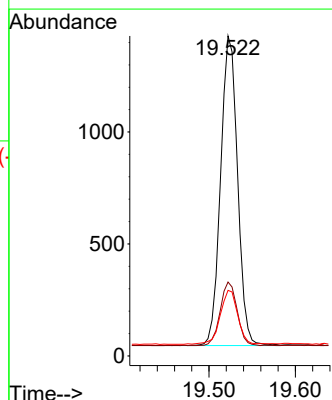
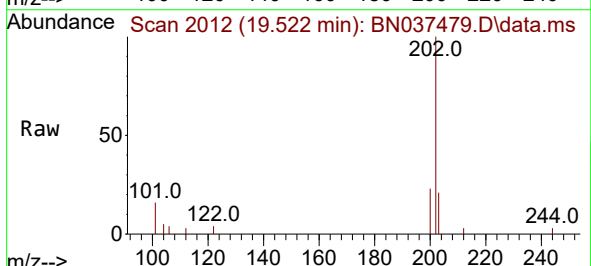
Tgt Ion:202 Resp: 1892

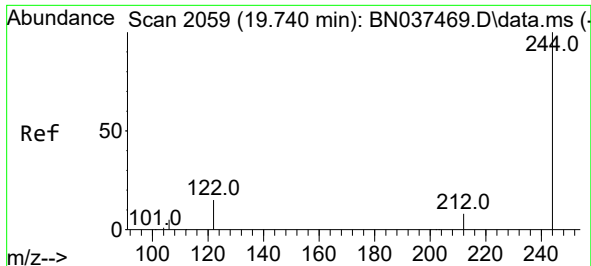
Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

203 18.1 14.3 21.5

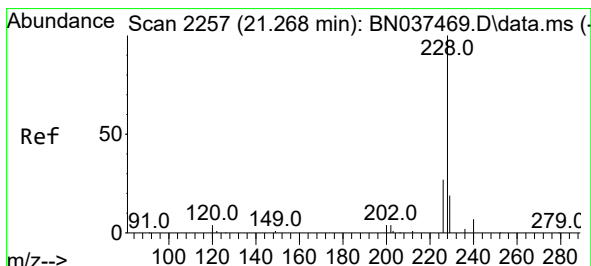
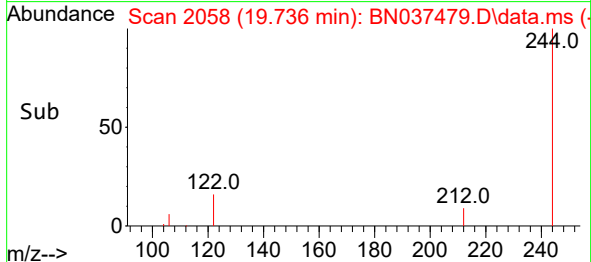
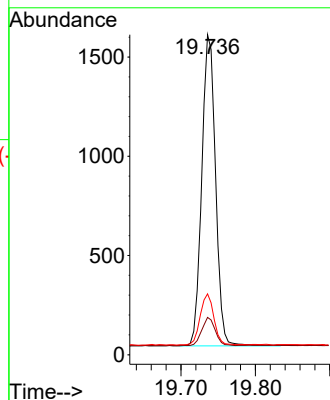
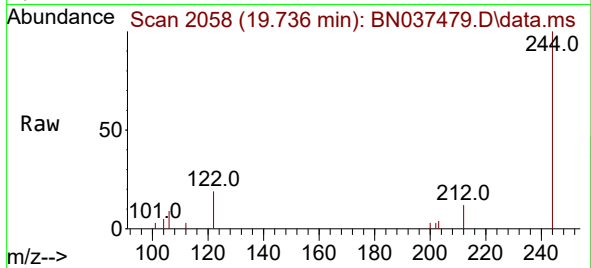




#31
 Terphenyl-d14
 Concen: 0.400 ng
 RT: 19.736 min Scan# 2058
 Delta R.T. -0.005 min
 Lab File: BN037479.D
 Acq: 11 Jul 2025 18:29

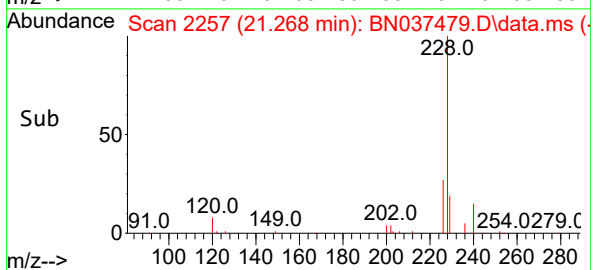
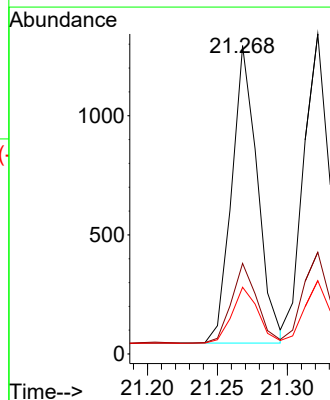
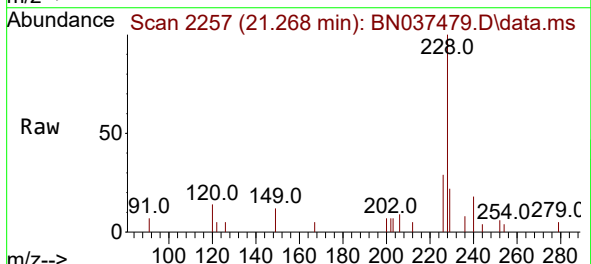
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2025

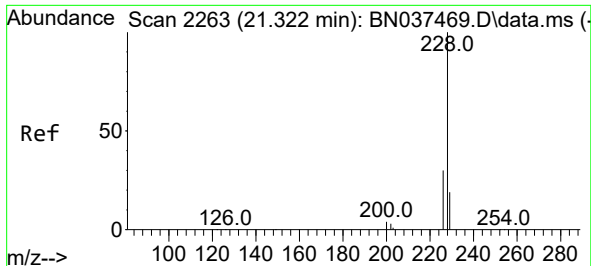
Tgt Ion:244	Resp:	2014
Ion	Ratio	Lower Upper
244	100	
212	11.7	8.7 13.1
122	19.0	14.1 21.1



#32
 Benzo(a)anthracene
 Concen: 0.195 ng
 RT: 21.268 min Scan# 2257
 Delta R.T. -0.000 min
 Lab File: BN037479.D
 Acq: 11 Jul 2025 18:29

Tgt Ion:228	Resp:	1591
Ion	Ratio	Lower Upper
228	100	
226	29.4	22.7 34.1
229	21.6	16.6 24.8





#33

Chrysene

Concen: 0.193 ng

RT: 21.322 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037479.D

Acq: 11 Jul 2025 18:29

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2025

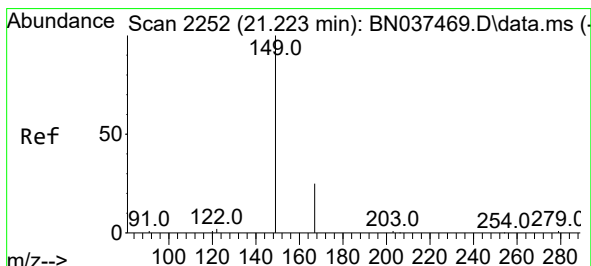
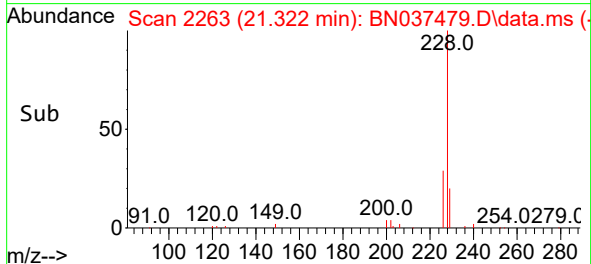
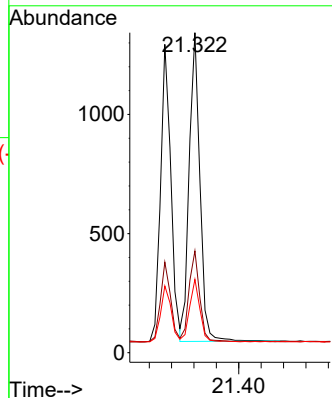
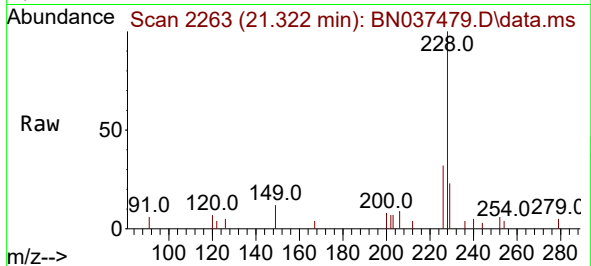
Tgt Ion:228 Resp: 1726

Ion Ratio Lower Upper

228 100

226 31.8 24.6 36.8

229 22.9 16.4 24.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.217 ng

RT: 21.223 min Scan# 2252

Delta R.T. -0.000 min

Lab File: BN037479.D

Acq: 11 Jul 2025 18:29

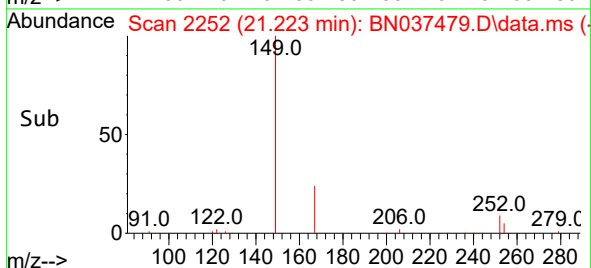
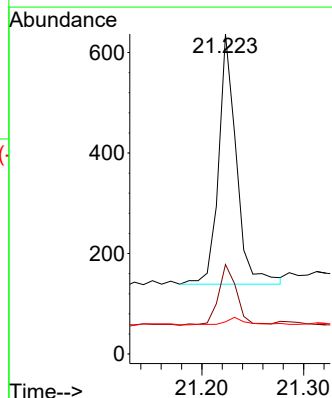
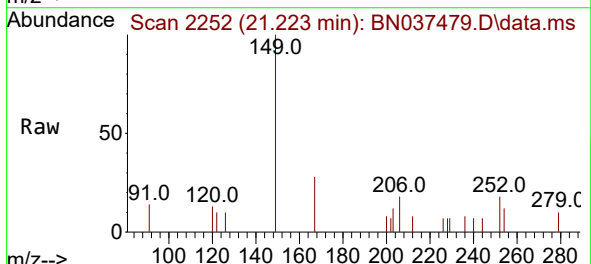
Tgt Ion:149 Resp: 604

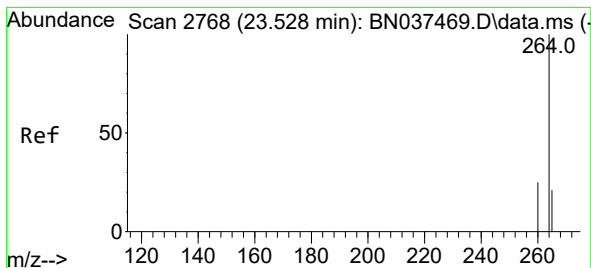
Ion Ratio Lower Upper

149 100

167 25.5 19.4 29.2

279 3.6 2.5 3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.528 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037479.D

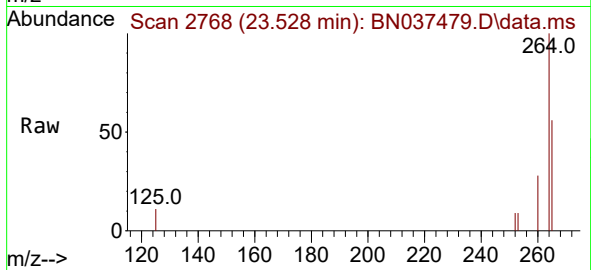
Acq: 11 Jul 2025 18:29

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2025



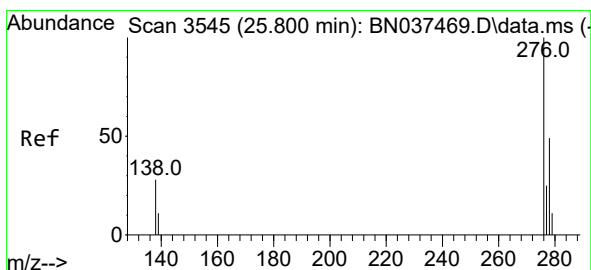
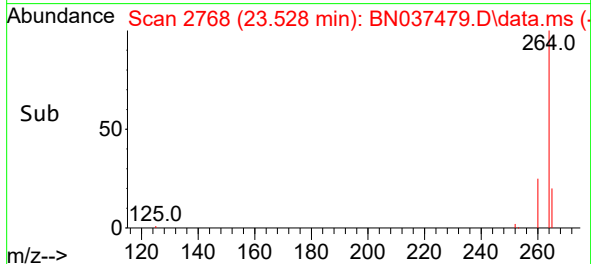
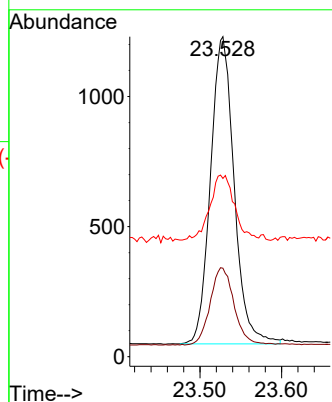
Tgt Ion:264 Resp: 2377

Ion Ratio Lower Upper

264 100

260 27.6 21.7 32.5

265 55.7 41.6 62.4



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.183 ng

RT: 25.797 min Scan# 3544

Delta R.T. -0.003 min

Lab File: BN037479.D

Acq: 11 Jul 2025 18:29

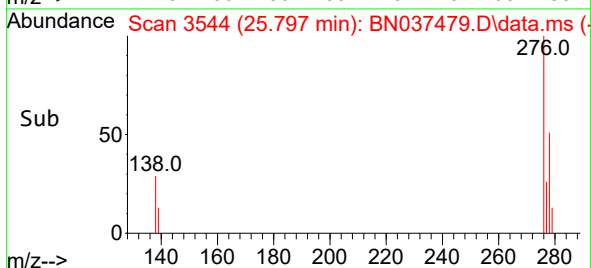
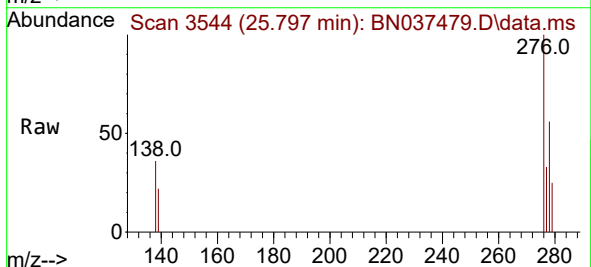
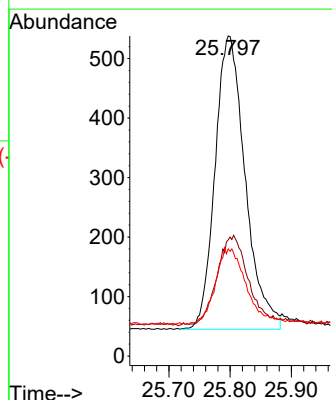
Tgt Ion:276 Resp: 1691

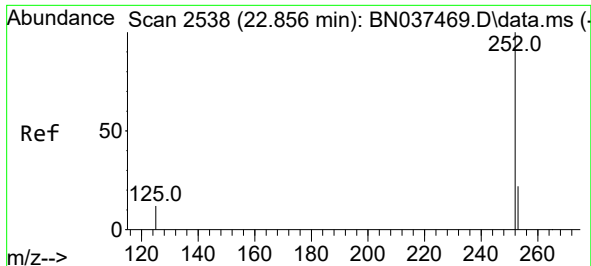
Ion Ratio Lower Upper

276 100

138 30.6 23.4 35.2

277 26.7 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.172 ng

RT: 22.853 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN037479.D

Acq: 11 Jul 2025 18:29

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2025

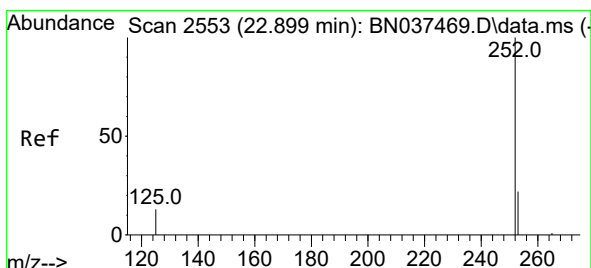
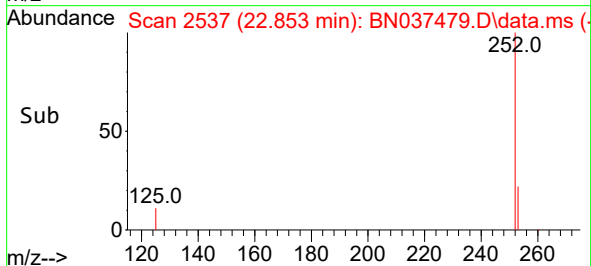
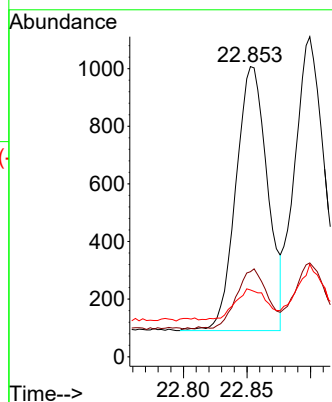
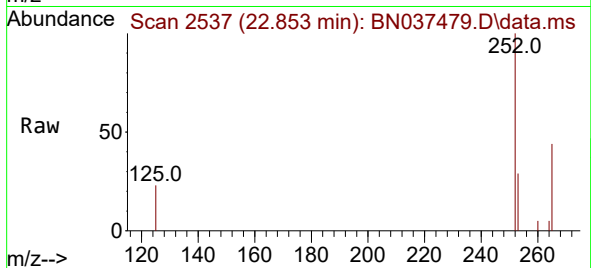
Tgt Ion:252 Resp: 1587

Ion Ratio Lower Upper

252 100

253 29.3 20.1 30.1

125 23.0 13.7 20.5#



#38

Benzo(k)fluoranthene

Concen: 0.180 ng

RT: 22.899 min Scan# 2553

Delta R.T. -0.000 min

Lab File: BN037479.D

Acq: 11 Jul 2025 18:29

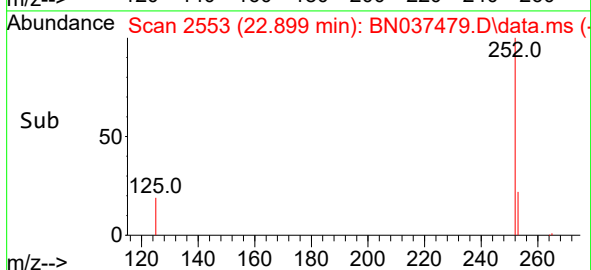
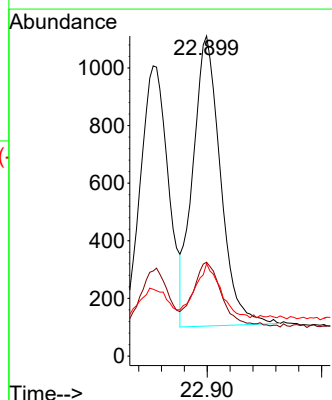
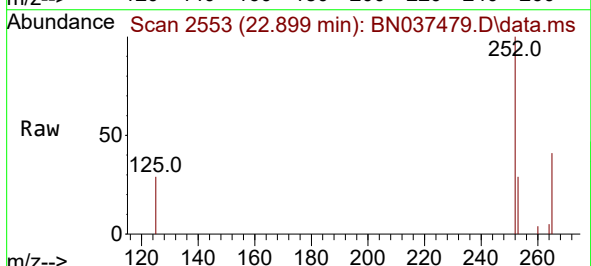
Tgt Ion:252 Resp: 1689

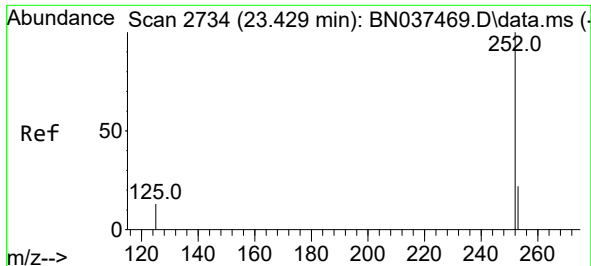
Ion Ratio Lower Upper

252 100

253 29.3 20.4 30.6

125 28.9 14.6 21.8#

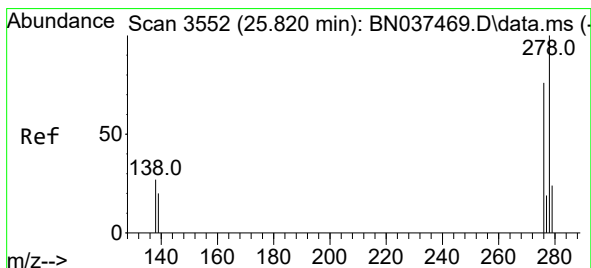
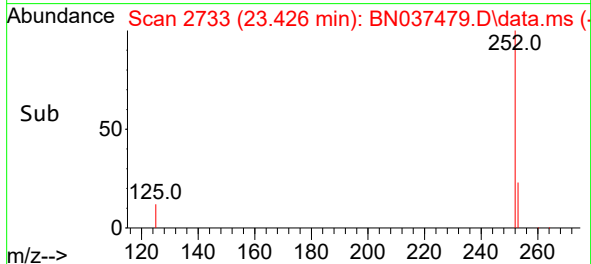
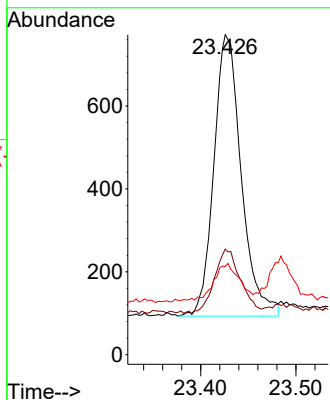
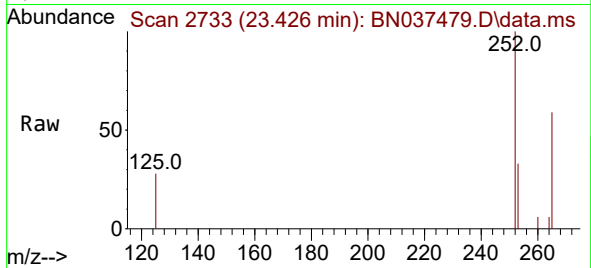




#39
Benzo(a)pyrene
Concen: 0.183 ng
RT: 23.426 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

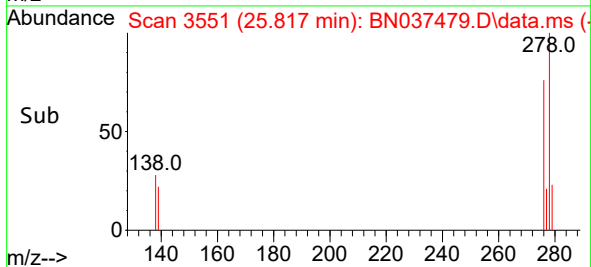
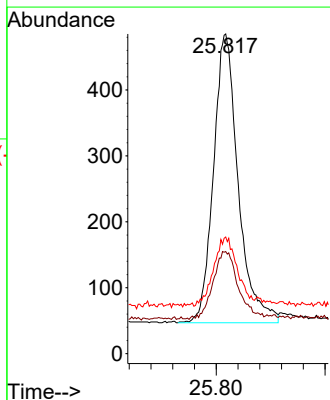
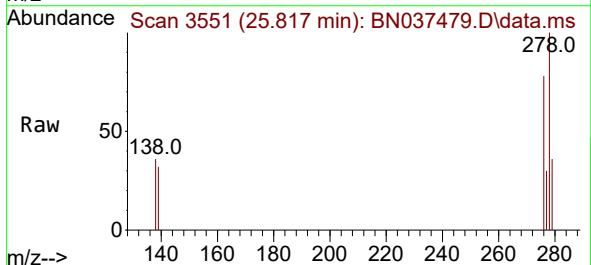
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2025

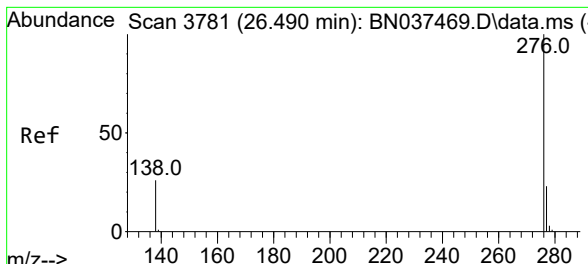
Tgt Ion:252 Resp: 1359
Ion Ratio Lower Upper
252 100
253 33.0 21.8 32.6#
125 27.6 16.7 25.1#



#40
Dibenzo(a,h)anthracene
Concen: 0.185 ng
RT: 25.817 min Scan# 3551
Delta R.T. -0.003 min
Lab File: BN037479.D
Acq: 11 Jul 2025 18:29

Tgt Ion:278 Resp: 1380
Ion Ratio Lower Upper
278 100
139 32.0 19.9 29.9#
279 36.5 24.8 37.2





#41

Benzo(g,h,i)perylene

Concen: 0.179 ng

RT: 26.487 min Scan# 31

Delta R.T. -0.003 min

Lab File: BN037479.D

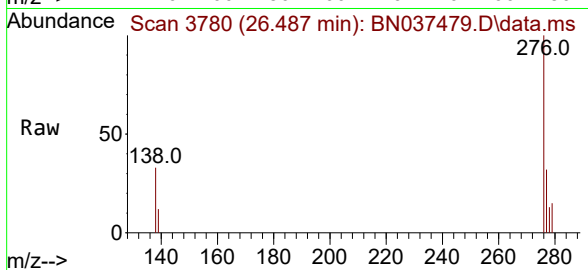
Acq: 11 Jul 2025 18:29

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2025



Tgt Ion:276 Resp: 1456

Ion Ratio Lower Upper

276 100

277 32.0 21.7 32.5

138 33.3 24.3 36.5

