

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071025\
 Data File : BN037460.D
 Acq On : 10 Jul 2025 16:18
 Operator : RC/JU
 Sample : Q2126-01
 Misc : LOD-SOIL-0.2ng
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 17 04:09:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 10 00:48:38 2025
 Response via : Initial Calibration

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

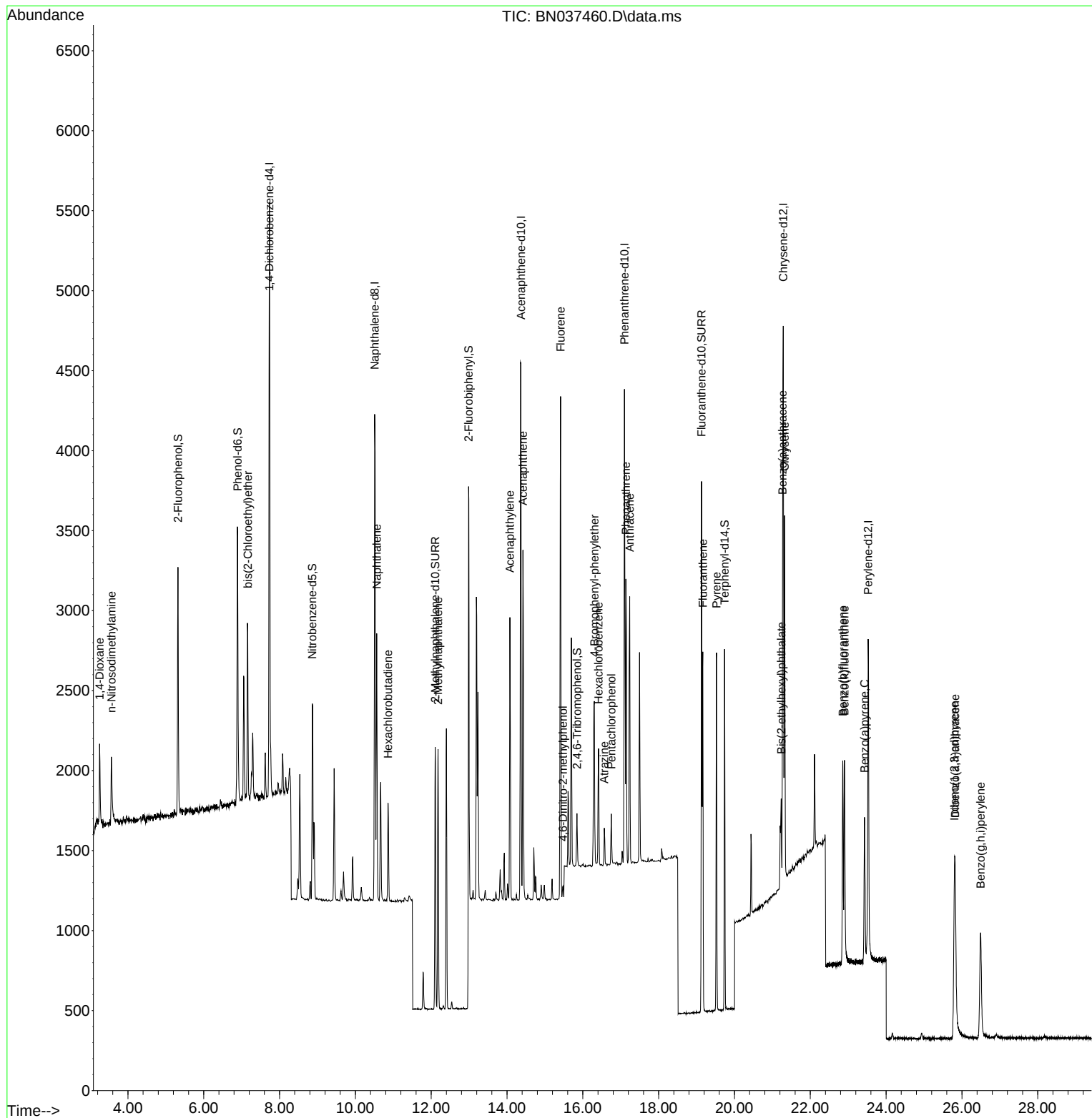
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	1747	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4199	0.400	ng	-0.01
13) Acenaphthene-d10	14.366	164	2010	0.400	ng	0.00
19) Phenanthrene-d10	17.099	188	3614	0.400	ng	-0.01
29) Chrysene-d12	21.286	240	2689	0.400	ng	0.00
35) Perylene-d12	23.528	264	2669	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	1224	0.260	ng	0.00
5) Phenol-d6	6.894	99	1553	0.268	ng	0.00
8) Nitrobenzene-d5	8.865	82	1015	0.359	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	2150	0.366	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	198	0.241	ng	-0.01
15) 2-Fluorobiphenyl	12.988	172	3945	0.356	ng	-0.01
27) Fluoranthene-d10	19.132	212	3496	0.376	ng	0.00
31) Terphenyl-d14	19.740	244	2079	0.367	ng	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.254	88	331	0.196	ng	90
3) n-Nitrosodimethylamine	3.564	42	399	0.200	ng	# 92
6) bis(2-Chloroethyl)ether	7.161	93	821	0.177	ng	91
9) Naphthalene	10.562	128	2017	0.179	ng	# 93
10) Hexachlorobutadiene	10.861	225	498	0.217	ng	# 99
12) 2-Methylnaphthalene	12.182	142	1138	0.157	ng	97
16) Acenaphthylene	14.078	152	1801	0.191	ng	99
17) Acenaphthene	14.420	154	1058	0.174	ng	96
18) Fluorene	15.414	166	1332	0.175	ng	97
20) 4,6-Dinitro-2-methylph...	15.478	198	63	0.219	ng	# 78
21) 4-Bromophenyl-phenylether	16.304	248	407	0.173	ng	# 85
22) Hexachlorobenzene	16.416	284	573	0.201	ng	# 91
23) Atrazine	16.565	200	197	0.158	ng	# 85
24) Pentachlorophenol	16.751	266	154	0.125	ng	97
25) Phenanthrene	17.136	178	1969	0.181	ng	99
26) Anthracene	17.235	178	1803	0.176	ng	100
28) Fluoranthene	19.164	202	2041	0.167	ng	99
30) Pyrene	19.527	202	1991	0.180	ng	100
32) Benzo(a)anthracene	21.268	228	1646	0.172	ng	96
33) Chrysene	21.322	228	1828	0.187	ng	99
34) Bis(2-ethylhexyl)phtha...	21.232	149	537	0.253	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.803	276	1650	0.165	ng	95
37) Benzo(b)fluoranthene	22.856	252	1594	0.164	ng	# 87
38) Benzo(k)fluoranthene	22.902	252	1678	0.171	ng	# 84
39) Benzo(a)pyrene	23.429	252	1389	0.172	ng	# 84
40) Dibenzo(a,h)anthracene	25.820	278	1263	0.157	ng	# 88
41) Benzo(g,h,i)perylene	26.493	276	1458	0.169	ng	# 90

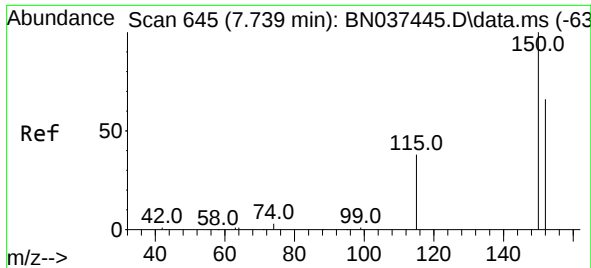
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071025\
Data File : BN037460.D
Acq On : 10 Jul 2025 16:18
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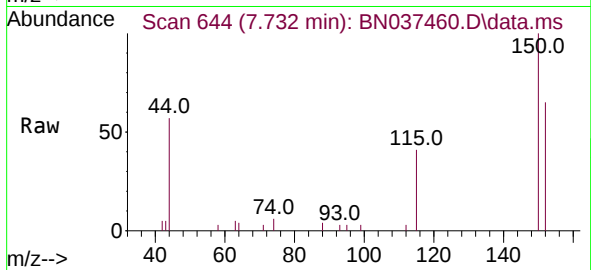
Quant Time: Jul 17 04:09:41 2025
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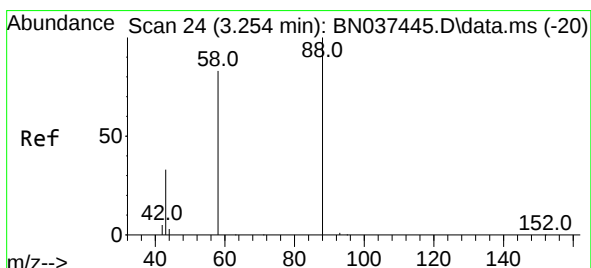
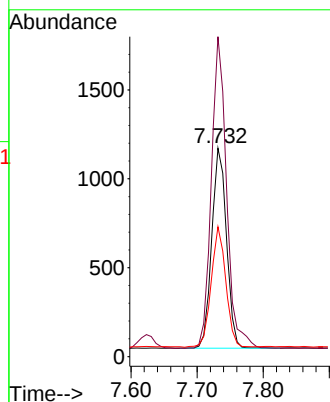
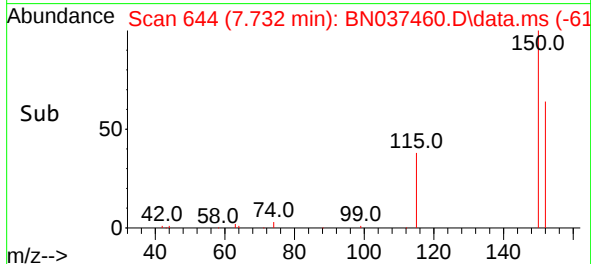


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.732 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN037460.D
 Acq: 10 Jul 2025 16:18

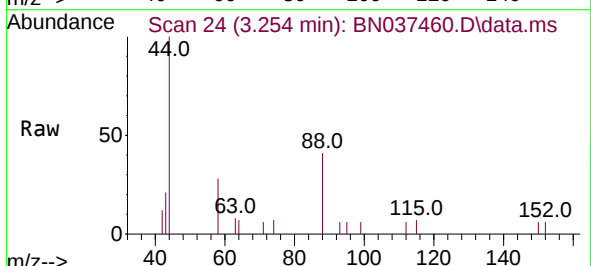
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025



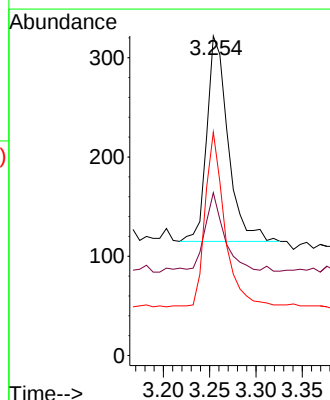
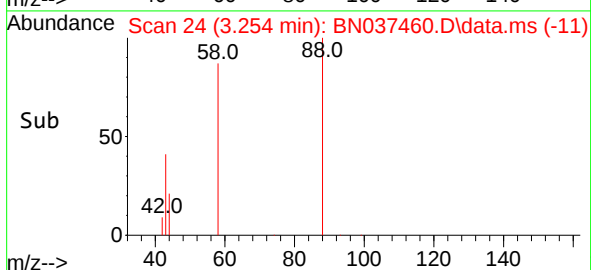
Tgt Ion:152 Resp: 1747
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.6 186.8
 115 62.3 50.4 75.6

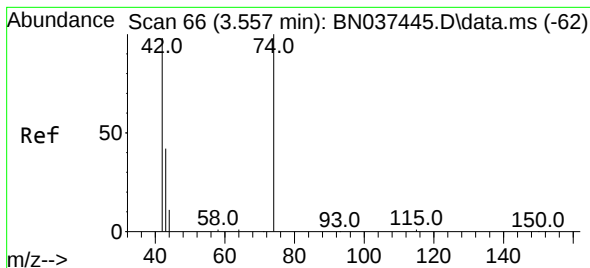


#2
 1,4-Dioxane
 Concen: 0.196 ng
 RT: 3.254 min Scan# 24
 Delta R.T. -0.007 min
 Lab File: BN037460.D
 Acq: 10 Jul 2025 16:18



Tgt Ion: 88 Resp: 331
 Ion Ratio Lower Upper
 88 100
 43 37.8 37.4 56.2
 58 78.5 69.3 103.9

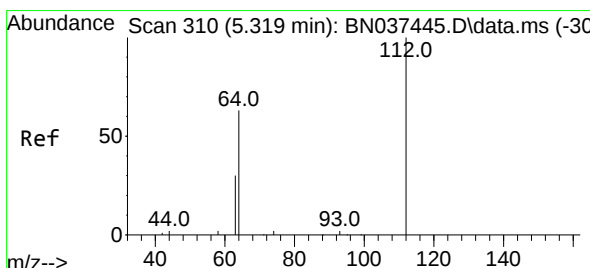
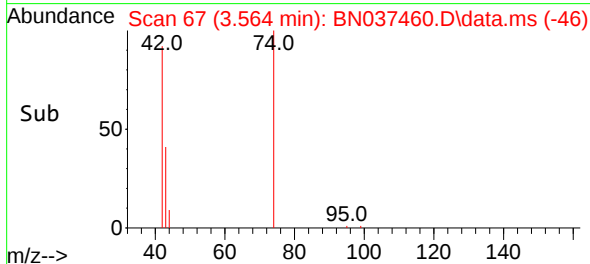
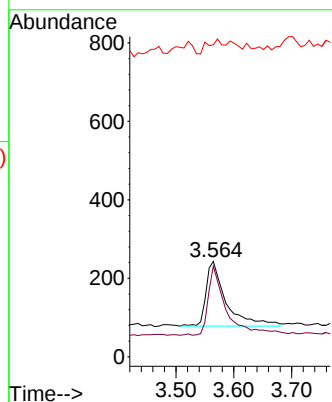
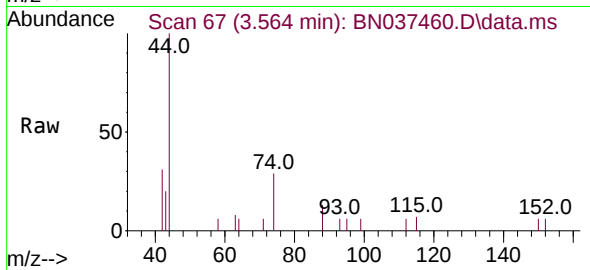




#3
 n-Nitrosodimethylamine
 Concen: 0.200 ng
 RT: 3.564 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN037460.D
 Acq: 10 Jul 2025 16:18

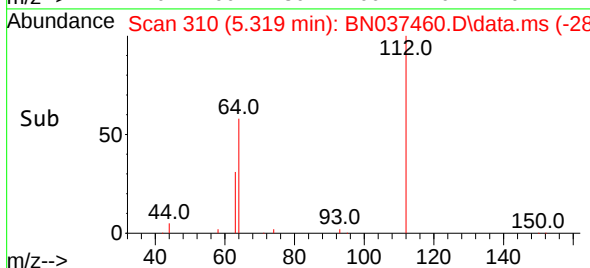
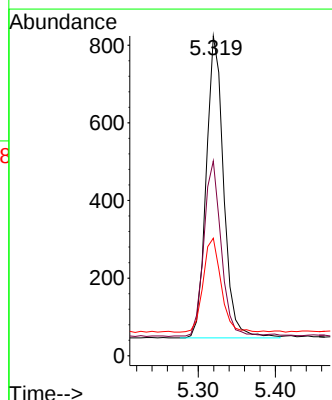
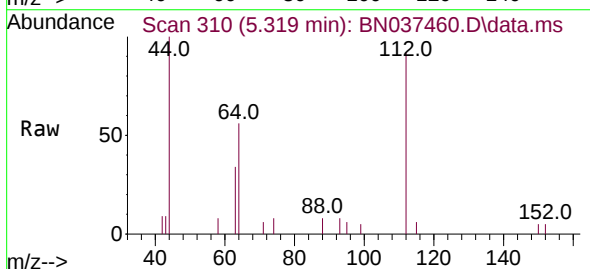
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

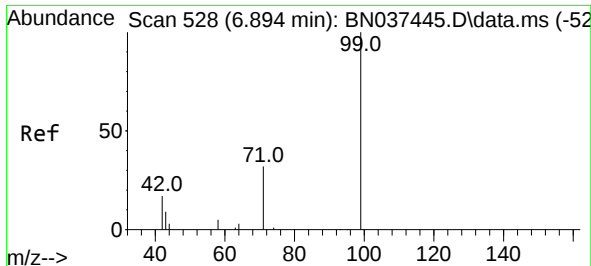
Tgt Ion: 42 Resp: 399
 Ion Ratio Lower Upper
 42 100
 74 95.0 69.9 104.9
 44 17.0 0.0 0.0#



#4
 2-Fluorophenol
 Concen: 0.260 ng
 RT: 5.319 min Scan# 310
 Delta R.T. -0.007 min
 Lab File: BN037460.D
 Acq: 10 Jul 2025 16:18

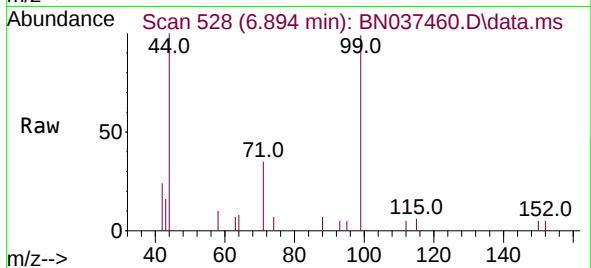
Tgt Ion: 112 Resp: 1224
 Ion Ratio Lower Upper
 112 100
 64 57.8 49.4 74.2
 63 31.7 27.2 40.8



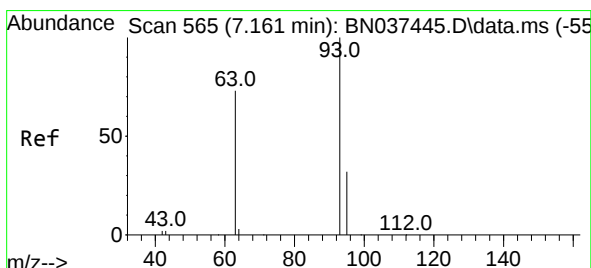
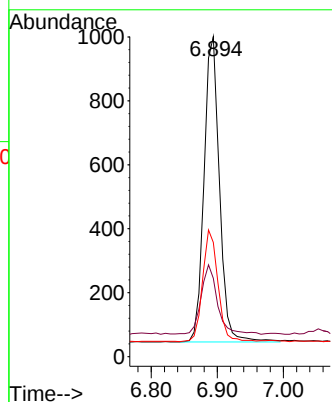
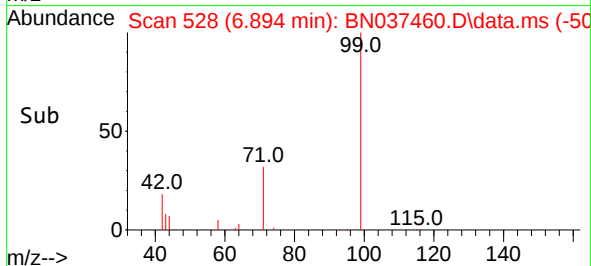


#5
Phenol-d6
Concen: 0.268 ng
RT: 6.894 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037460.D
Acq: 10 Jul 2025 16:18

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

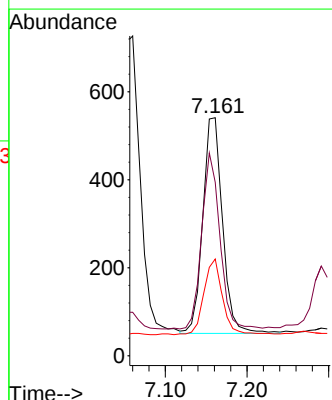
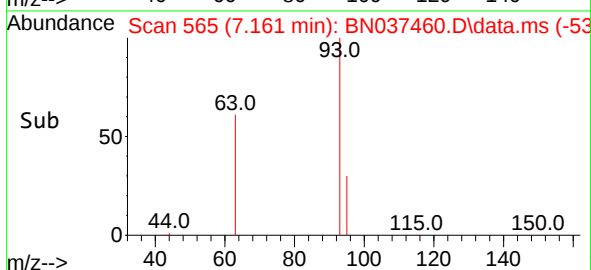
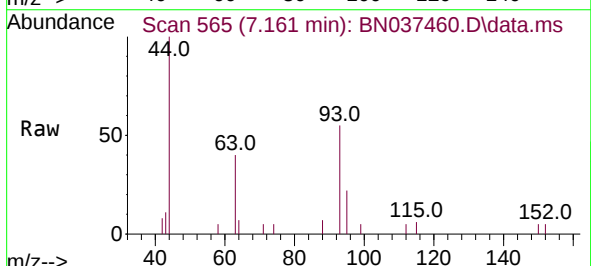


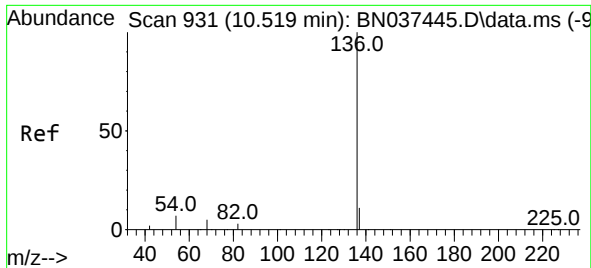
Tgt Ion:	99	Resp:	1553
Ion	Ratio	Lower	Upper
99	100		
42	24.0	22.5	33.7
71	36.2	27.8	41.6



#6
bis(2-Chloroethyl)ether
Concen: 0.177 ng
RT: 7.161 min Scan# 565
Delta R.T. 0.000 min
Lab File: BN037460.D
Acq: 10 Jul 2025 16:18

Tgt Ion:	93	Resp:	821
Ion	Ratio	Lower	Upper
93	100		
63	75.0	69.0	103.6
95	33.4	26.3	39.5

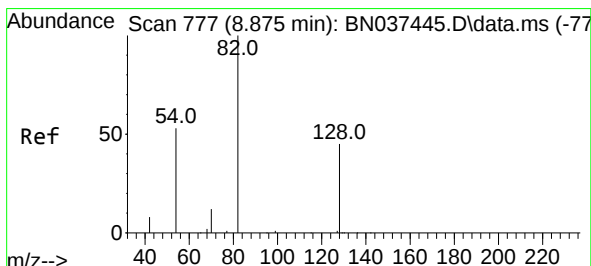
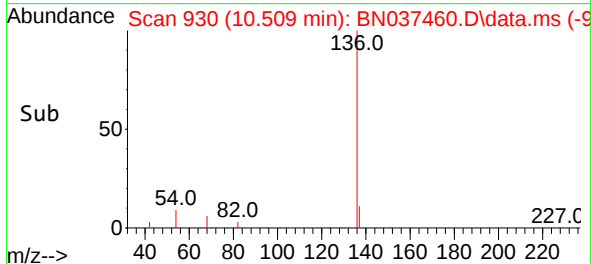
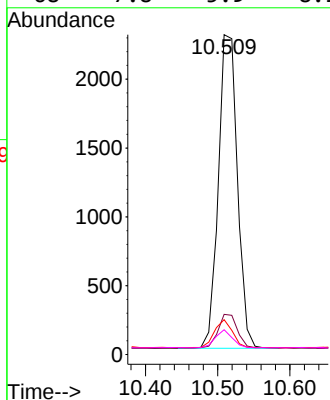
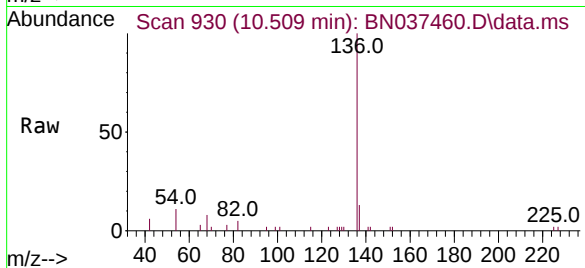




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN037460.D
Acq: 10 Jul 2025 16:18

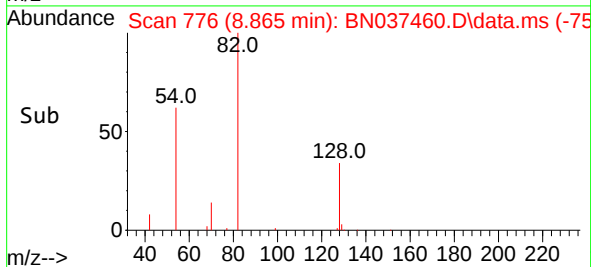
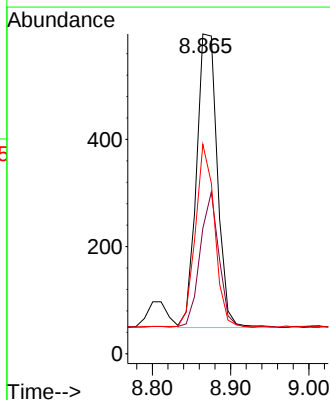
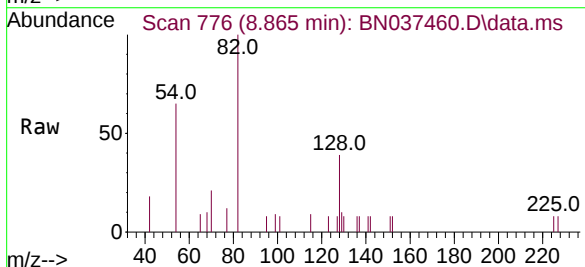
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

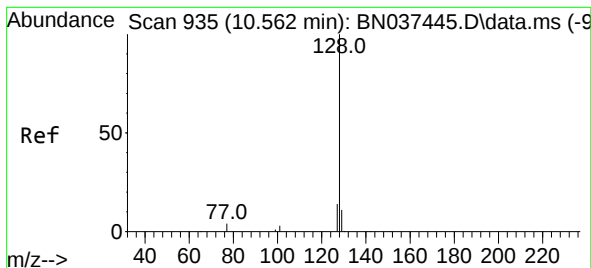
Tgt Ion:	136	Resp:	4199
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	10.9	8.8	13.2
68	7.8	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 8.865 min Scan# 776
Delta R.T. -0.011 min
Lab File: BN037460.D
Acq: 10 Jul 2025 16:18

Tgt Ion:	82	Resp:	1015
Ion	Ratio	Lower	Upper
82	100		
128	39.2	31.4	47.0
54	65.5	51.3	76.9





#9

Naphthalene

Concen: 0.179 ng

RT: 10.562 min Scan# 935

Delta R.T. -0.011 min

Lab File: BN037460.D

Acq: 10 Jul 2025 16:18

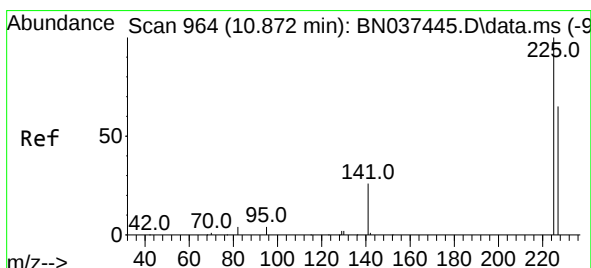
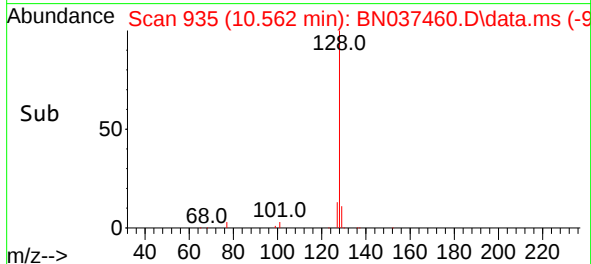
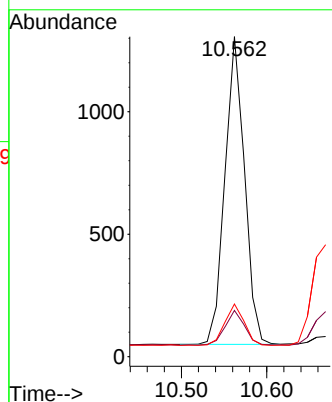
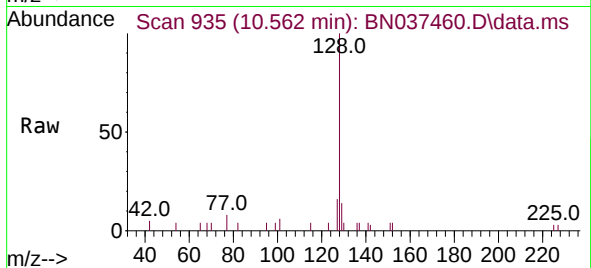
Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

Tgt Ion:128	Resp:	2017
Ion	Ratio	Lower Upper
128	100	
129	14.5	9.3 13.9#
127	16.4	11.1 16.7



#10

Hexachlorobutadiene

Concen: 0.217 ng

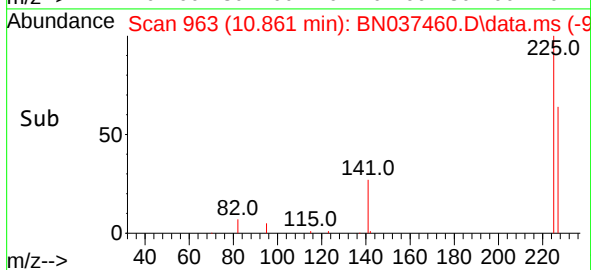
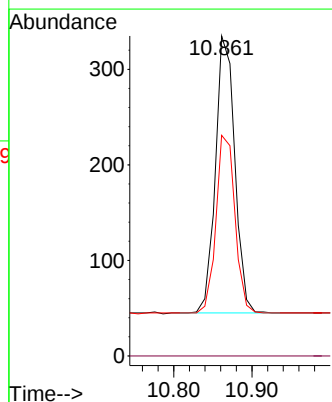
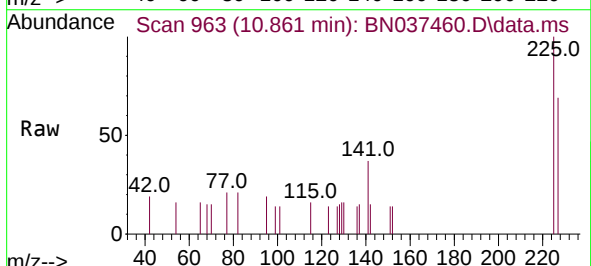
RT: 10.861 min Scan# 963

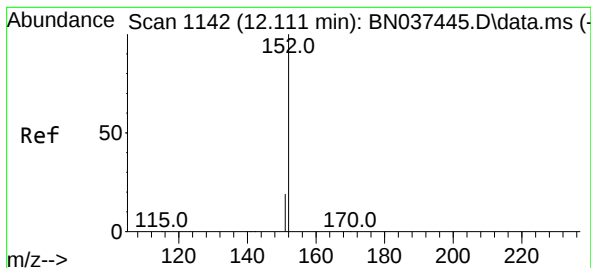
Delta R.T. -0.011 min

Lab File: BN037460.D

Acq: 10 Jul 2025 16:18

Tgt Ion:225	Resp:	498
Ion	Ratio	Lower Upper
225	100	
223	0.0	0.0 0.0
227	62.9	51.0 76.6

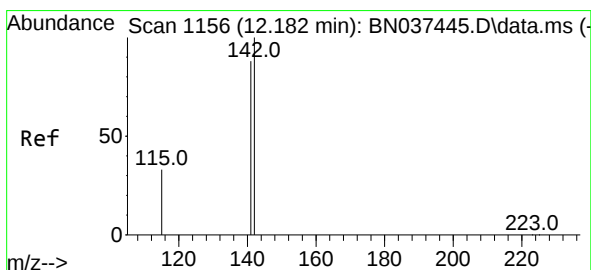
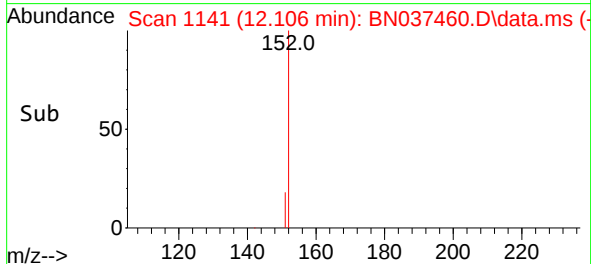
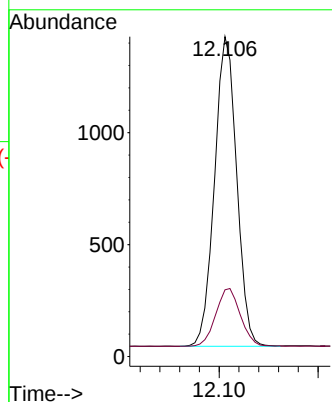
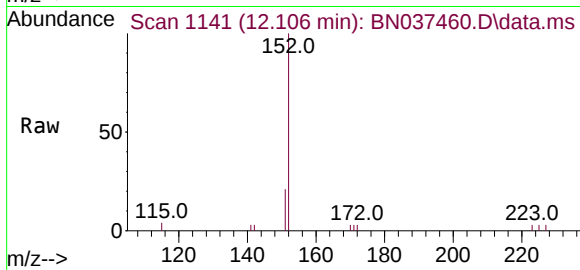




#11
2-Methylnaphthalene-d10
Concen: 0.366 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.010 min
Lab File: BN037460.D
Acq: 10 Jul 2025 16:18

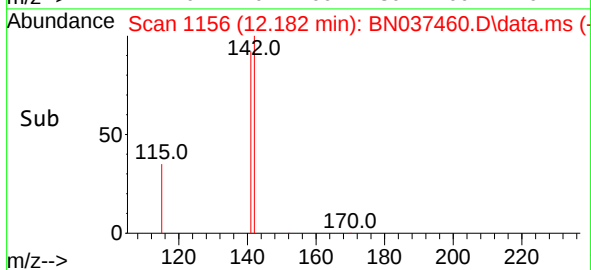
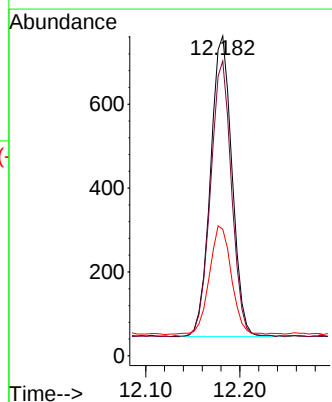
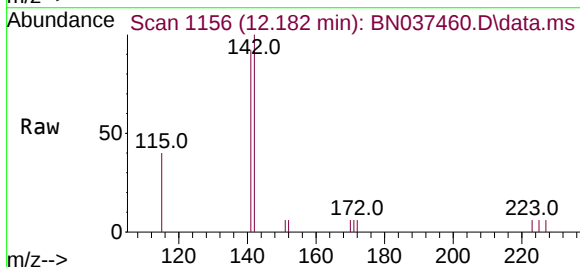
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

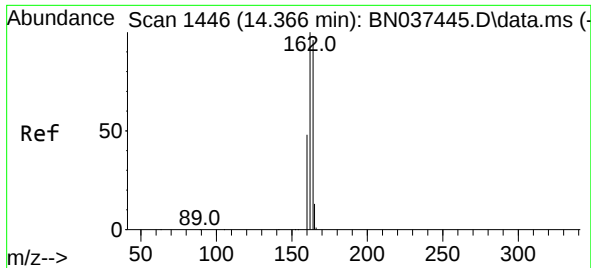
Tgt Ion:152 Resp: 2150
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.157 ng
RT: 12.182 min Scan# 1156
Delta R.T. -0.005 min
Lab File: BN037460.D
Acq: 10 Jul 2025 16:18

Tgt Ion:142 Resp: 1138
Ion Ratio Lower Upper
142 100
141 92.1 70.5 105.7
115 39.6 31.3 46.9

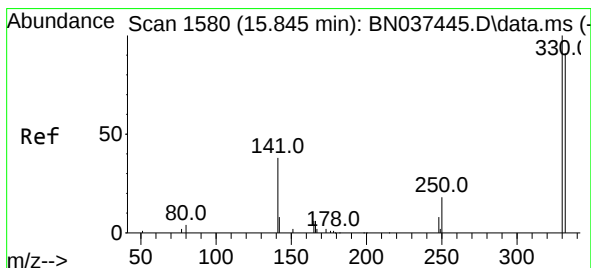
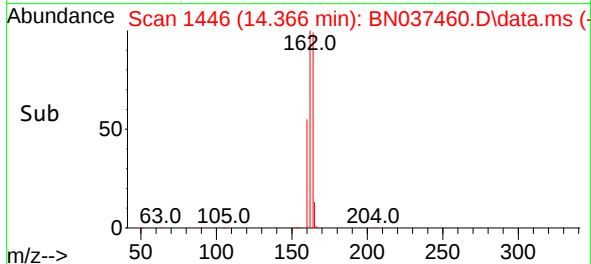
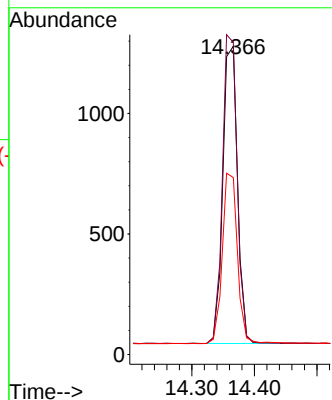
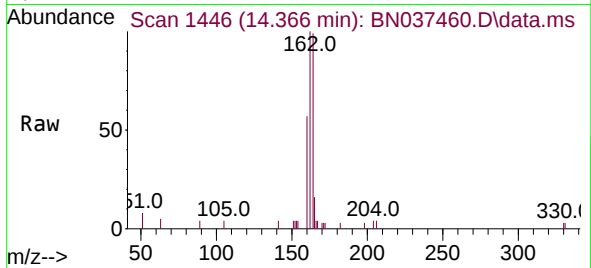




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN037460.D
Acq: 10 Jul 2025 16:18

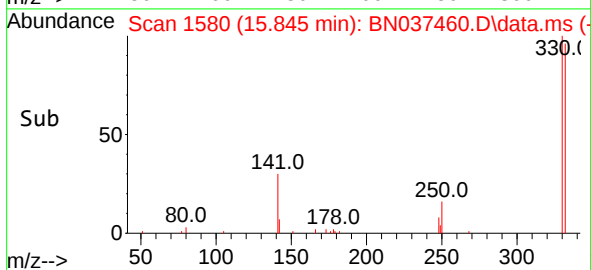
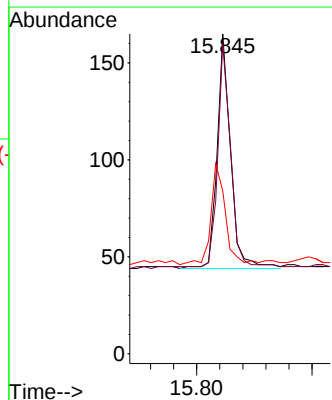
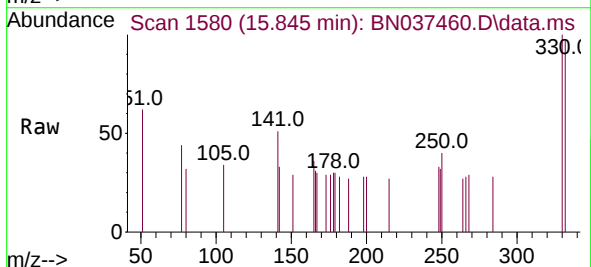
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

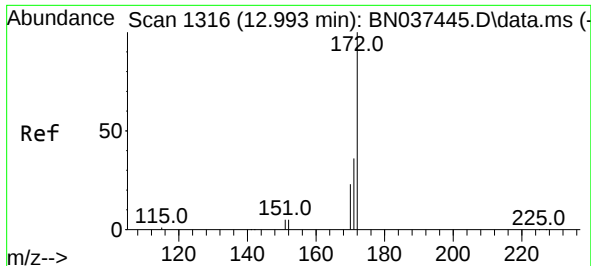
Tgt Ion:	164	Resp:	2010
Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.7	124.1
160	57.4	55.0	82.4



#14
2,4,6-Tribromophenol
Concen: 0.241 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BN037460.D
Acq: 10 Jul 2025 16:18

Tgt Ion:	330	Resp:	198
Ion	Ratio	Lower	Upper
330	100		
332	88.9	75.3	112.9
141	46.0	38.7	58.1

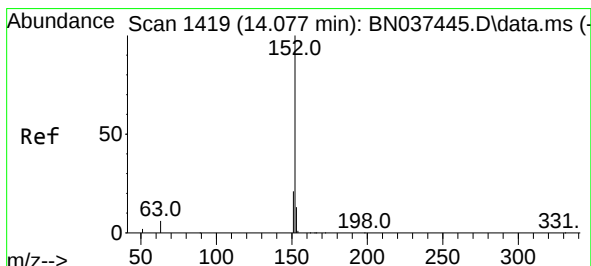
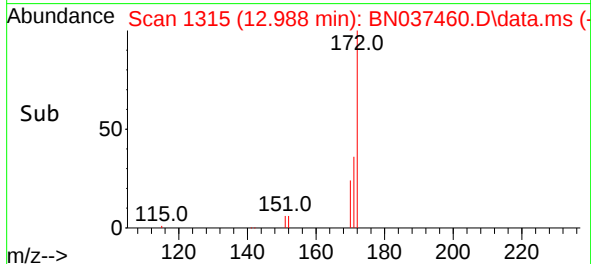
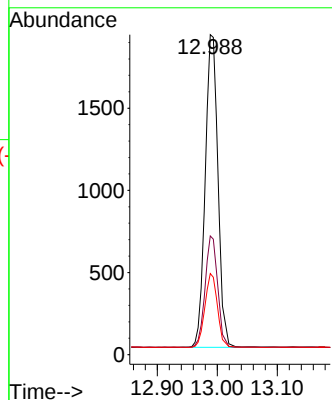
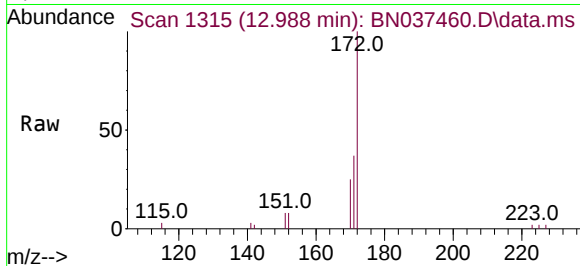




#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 12.988 min Scan# 1316
Delta R.T. -0.010 min
Lab File: BN037460.D
Acq: 10 Jul 2025 16:18

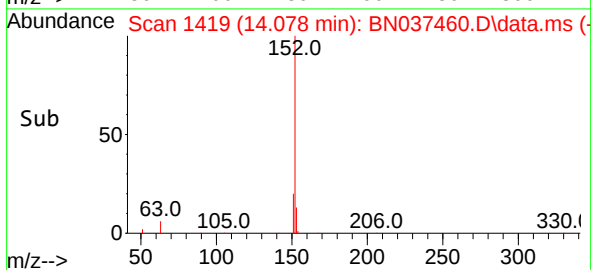
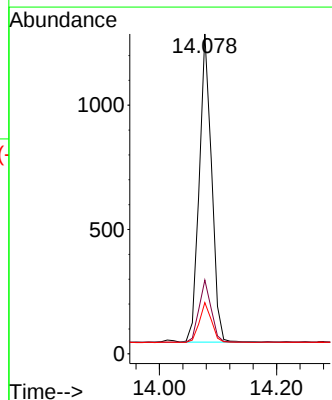
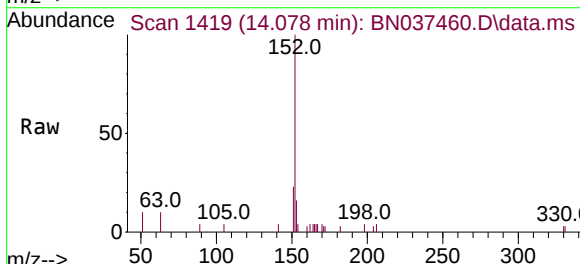
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

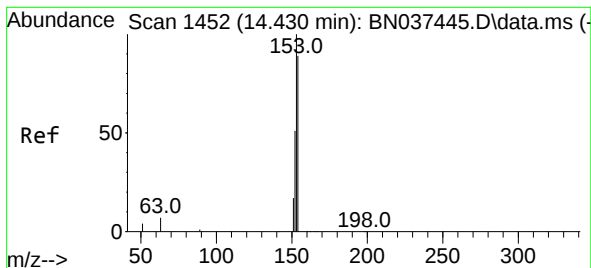
Tgt Ion:172	Resp:	3945
Ion Ratio	Lower	Upper
172	100	
171	37.1	28.4 42.6
170	25.4	18.7 28.1



#16
Acenaphthylene
Concen: 0.191 ng
RT: 14.078 min Scan# 1419
Delta R.T. -0.011 min
Lab File: BN037460.D
Acq: 10 Jul 2025 16:18

Tgt Ion:152	Resp:	1801
Ion Ratio	Lower	Upper
152	100	
151	20.4	16.1 24.1
153	12.7	10.6 16.0





#17

Acenaphthene

Concen: 0.174 ng

RT: 14.420 min Scan# 1451

Delta R.T. -0.011 min

Lab File: BN037460.D

Acq: 10 Jul 2025 16:18

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

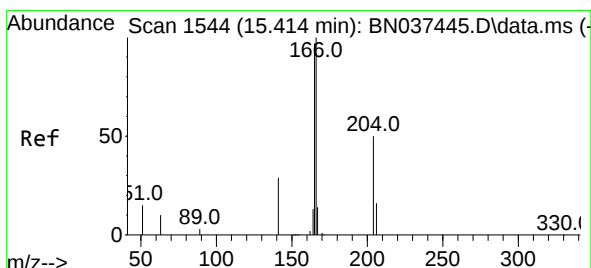
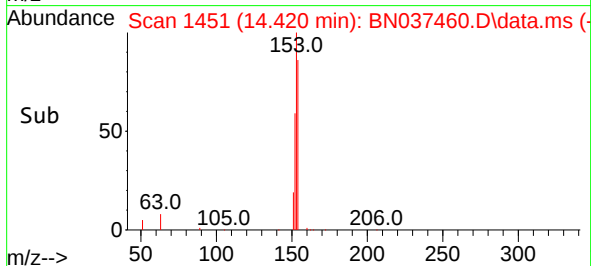
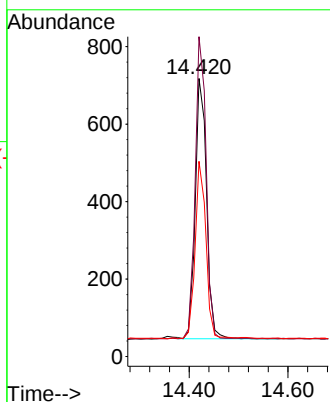
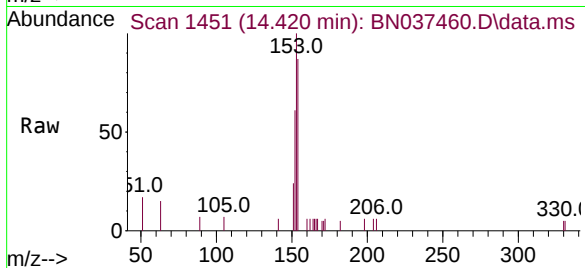
Tgt Ion:154 Resp: 1058

Ion Ratio Lower Upper

154 100

153 113.3 90.7 136.1

152 65.9 58.9 88.3



#18

Fluorene

Concen: 0.175 ng

RT: 15.414 min Scan# 1544

Delta R.T. 0.000 min

Lab File: BN037460.D

Acq: 10 Jul 2025 16:18

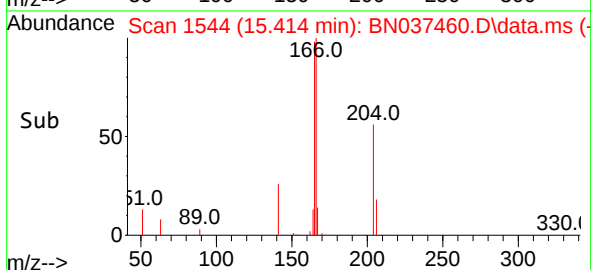
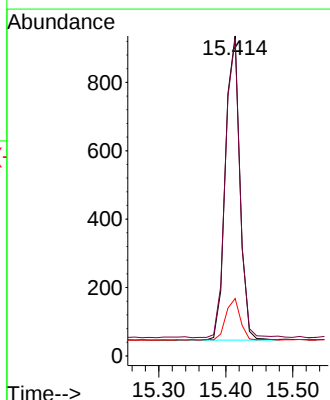
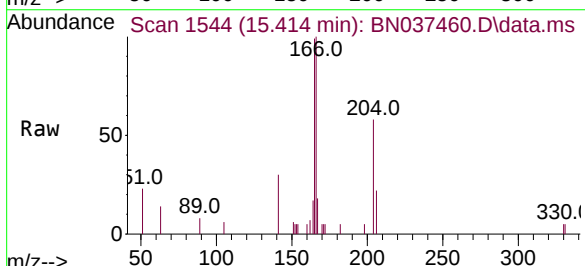
Tgt Ion:166 Resp: 1332

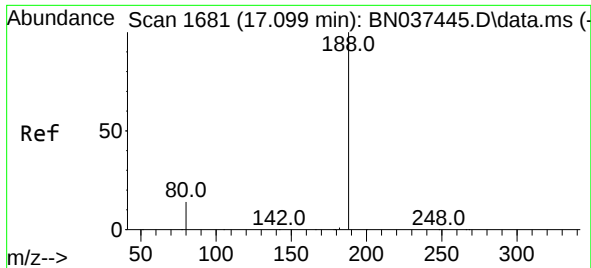
Ion Ratio Lower Upper

166 100

165 98.9 81.8 122.8

167 14.0 11.3 16.9

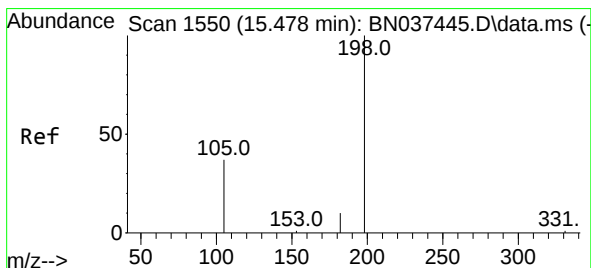
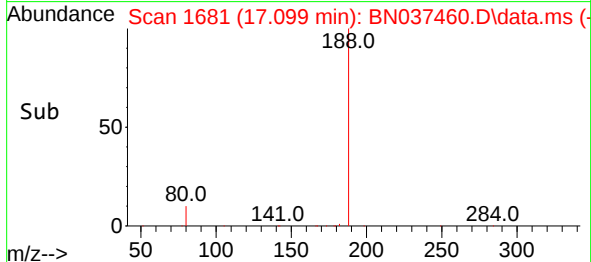
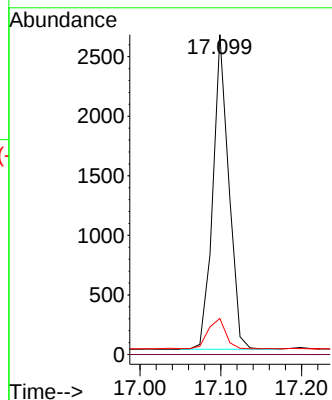
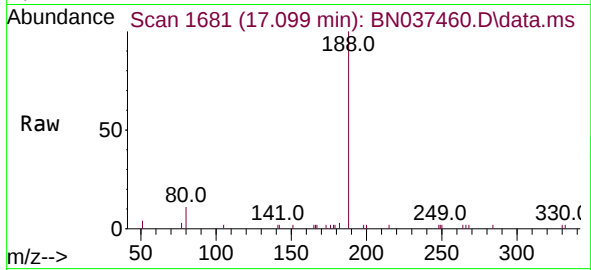




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN037460.D
Acq: 10 Jul 2025 16:18

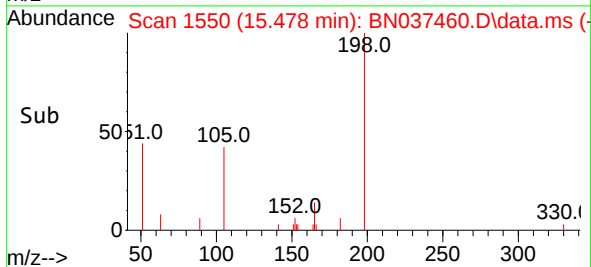
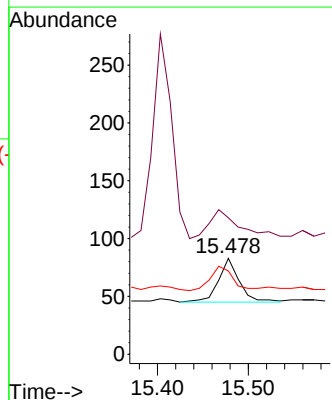
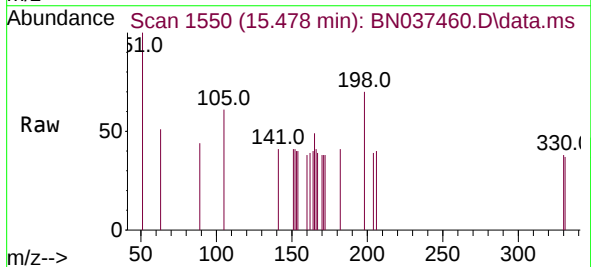
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-03-QT2-2025

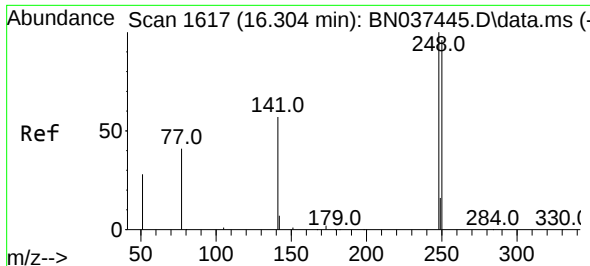
Tgt Ion:188 Resp: 3614
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 7.8 11.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.219 ng
RT: 15.478 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN037460.D
Acq: 10 Jul 2025 16:18

Tgt Ion:198 Resp: 63
Ion Ratio Lower Upper
198 100
51 142.2 145.5 218.3#
105 86.7 64.2 96.4

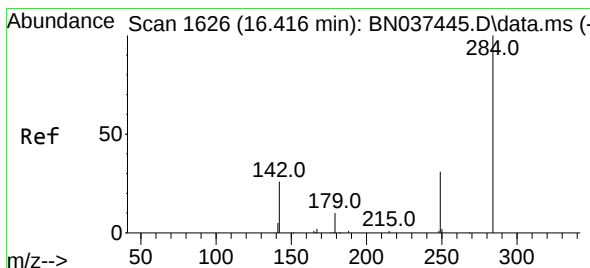
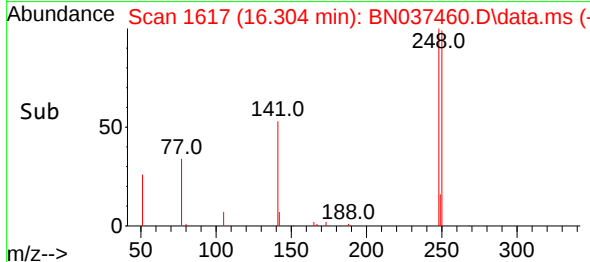
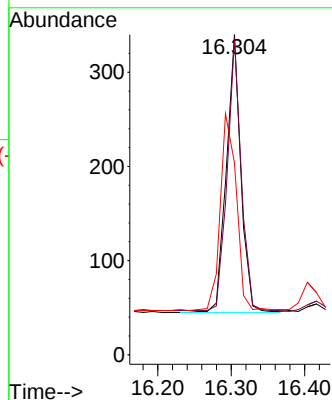
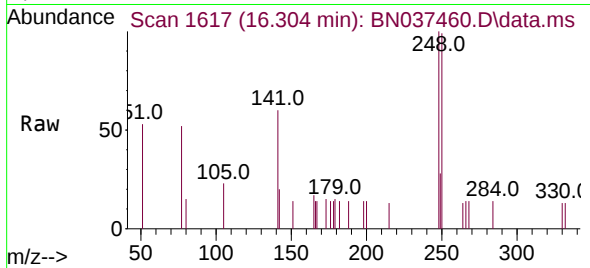




#21
4-Bromophenyl-phenylether
Concen: 0.173 ng
RT: 16.304 min Scan# 1617
Delta R.T. -0.012 min
Lab File: BN037460.D
Acq: 10 Jul 2025 16:18

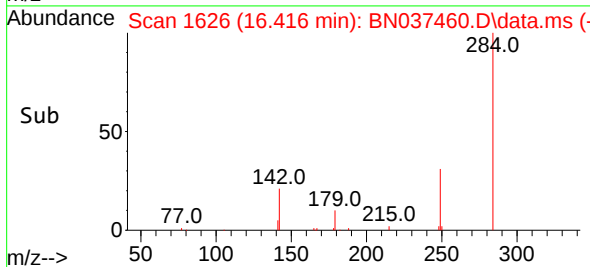
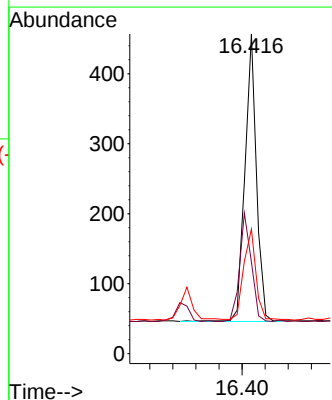
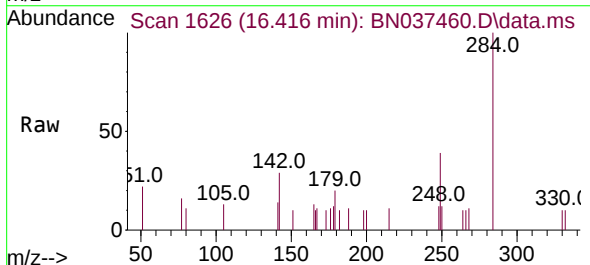
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

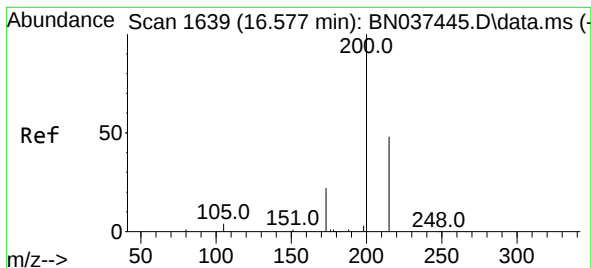
Tgt Ion:248 Resp: 407
Ion Ratio Lower Upper
248 100
250 98.8 83.9 125.9
141 60.0 29.4 44.0#



#22
Hexachlorobenzene
Concen: 0.201 ng
RT: 16.416 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BN037460.D
Acq: 10 Jul 2025 16:18

Tgt Ion:284 Resp: 573
Ion Ratio Lower Upper
284 100
142 38.0 38.9 58.3#
249 33.9 27.3 40.9





#23

Atrazine

Concen: 0.158 ng

RT: 16.565 min Scan# 1638

Delta R.T. -0.012 min

Lab File: BN037460.D

Acq: 10 Jul 2025 16:18

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

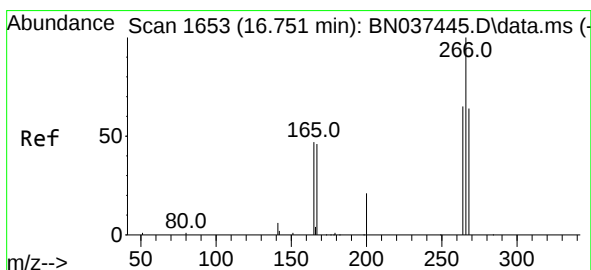
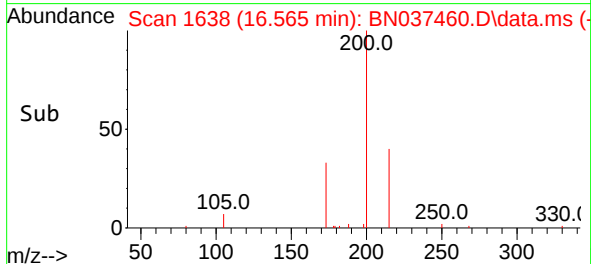
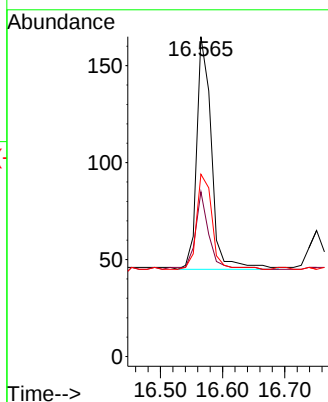
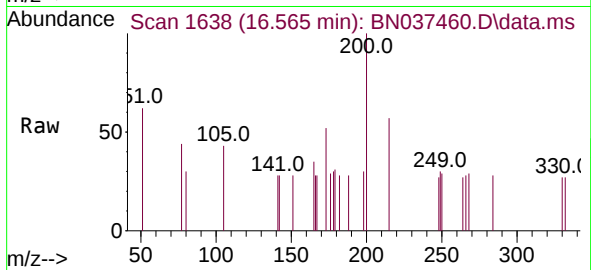
Tgt Ion:200 Resp: 197

Ion Ratio Lower Upper

200 100

173 51.5 28.4 42.6#

215 57.0 42.0 63.0



#24

Pentachlorophenol

Concen: 0.125 ng

RT: 16.751 min Scan# 1653

Delta R.T. 0.000 min

Lab File: BN037460.D

Acq: 10 Jul 2025 16:18

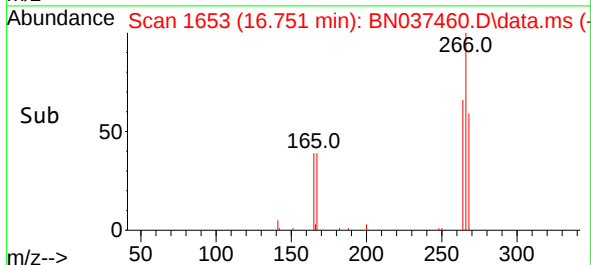
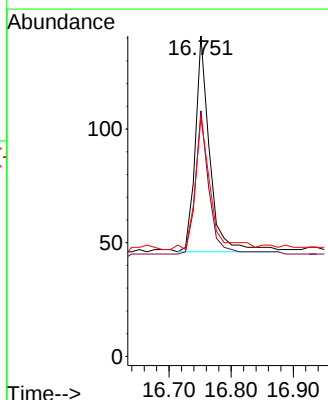
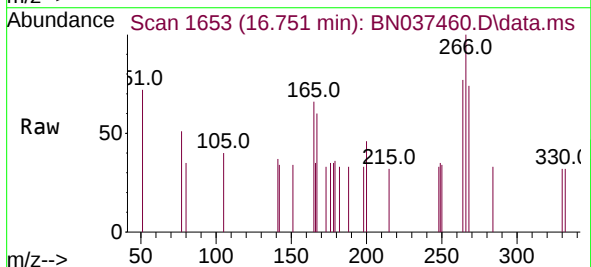
Tgt Ion:266 Resp: 154

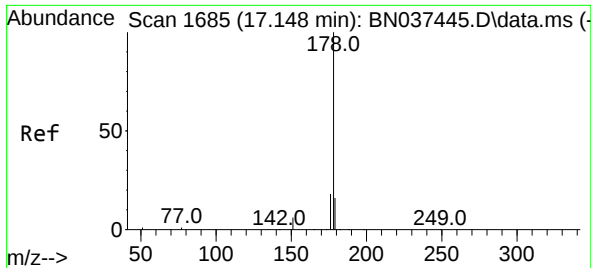
Ion Ratio Lower Upper

266 100

264 63.0 52.4 78.6

268 64.9 53.9 80.9

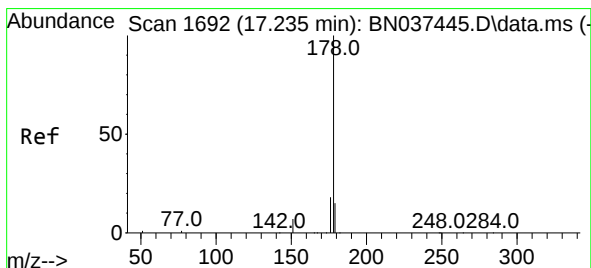
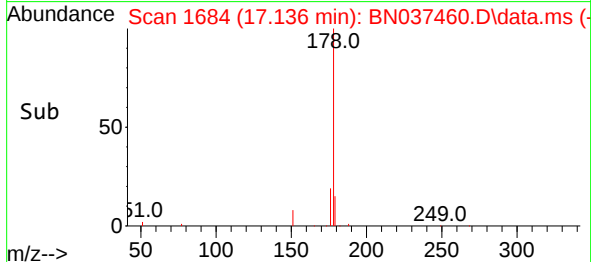
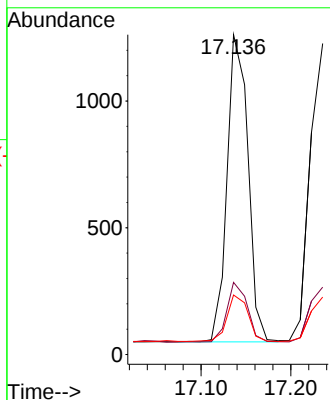
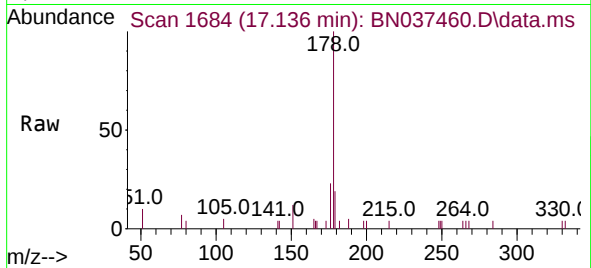




#25
Phenanthrene
Concen: 0.181 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN037460.D
Acq: 10 Jul 2025 16:18

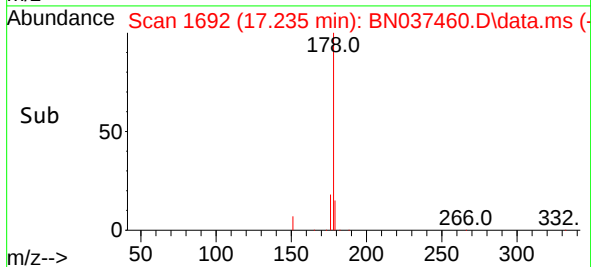
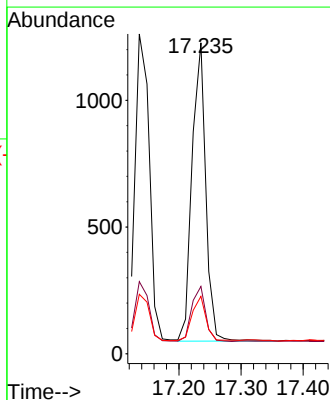
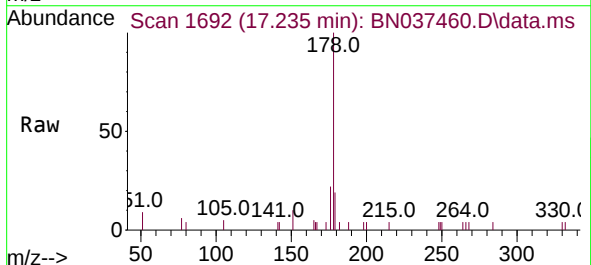
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

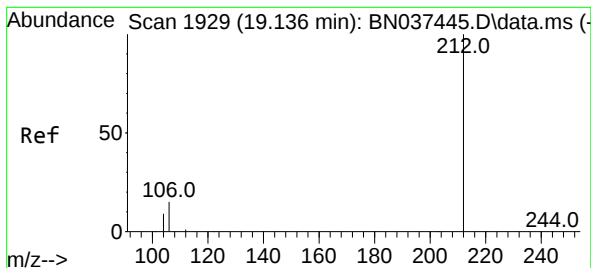
Tgt Ion:	178	Resp:	1969
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.1	12.2	18.4



#26
Anthracene
Concen: 0.176 ng
RT: 17.235 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN037460.D
Acq: 10 Jul 2025 16:18

Tgt Ion:	178	Resp:	1803
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.1	12.1	18.1





#27

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.132 min Scan# 1929

Delta R.T. -0.009 min

Lab File: BN037460.D

Acq: 10 Jul 2025 16:18

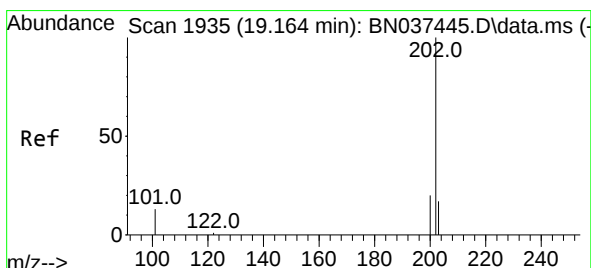
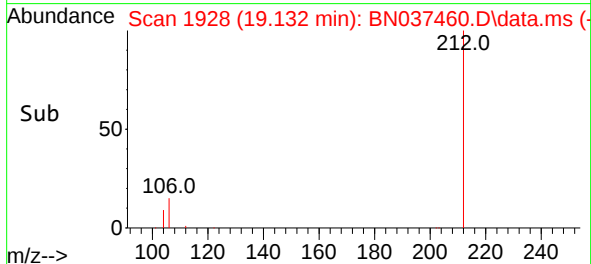
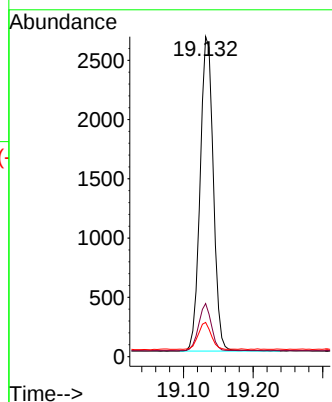
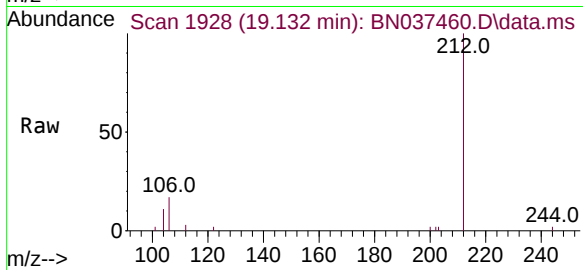
Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

Tgt Ion:212	Resp:	3496
Ion Ratio	Lower	Upper
212	100	
106	14.5	13.4 20.0
104	8.5	7.8 11.6



#28

Fluoranthene

Concen: 0.167 ng

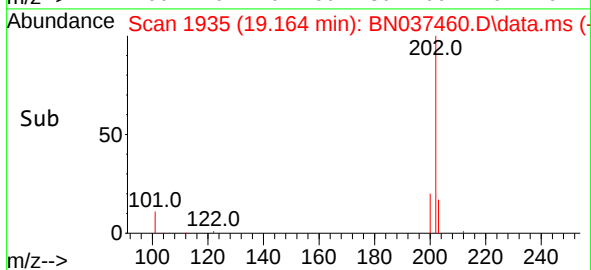
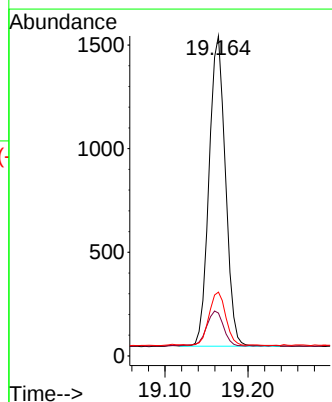
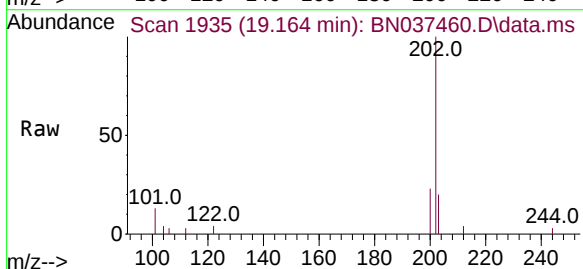
RT: 19.164 min Scan# 1935

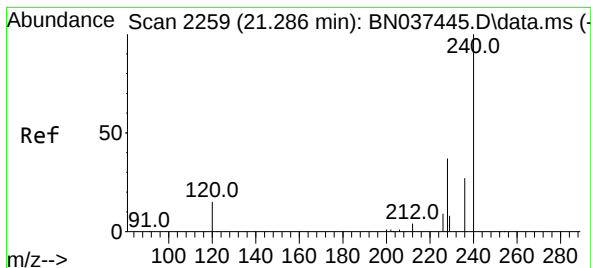
Delta R.T. -0.005 min

Lab File: BN037460.D

Acq: 10 Jul 2025 16:18

Tgt Ion:202	Resp:	2041
Ion Ratio	Lower	Upper
202	100	
101	11.8	10.2 15.2
203	17.3	13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.286 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037460.D

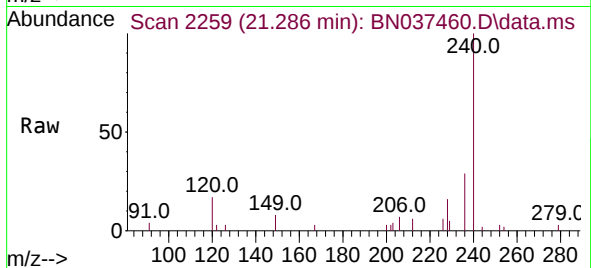
Acq: 10 Jul 2025 16:18

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025



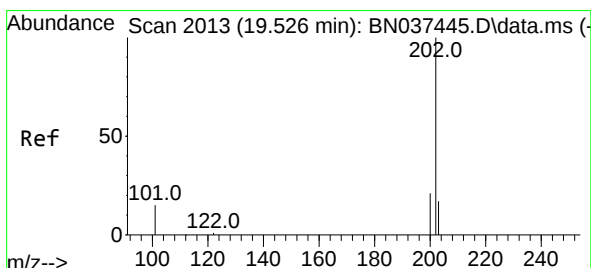
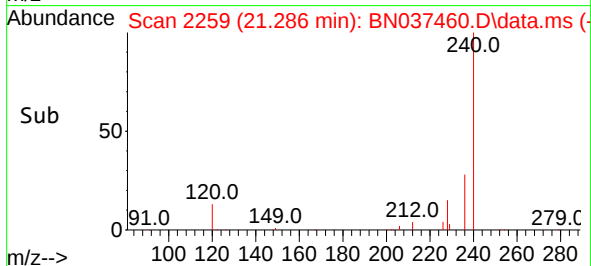
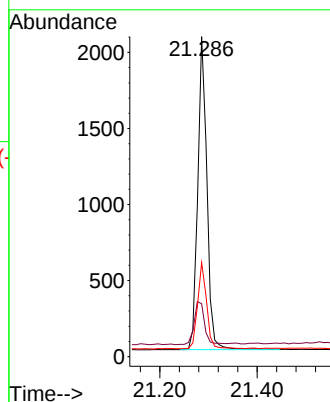
Tgt Ion:240 Resp: 2689

Ion Ratio Lower Upper

240 100

120 16.5 16.4 24.6

236 29.4 23.3 34.9



#30

Pyrene

Concen: 0.180 ng

RT: 19.527 min Scan# 2013

Delta R.T. -0.005 min

Lab File: BN037460.D

Acq: 10 Jul 2025 16:18

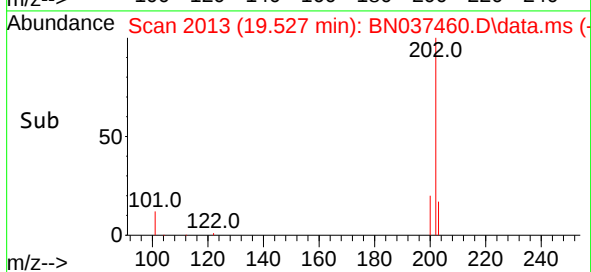
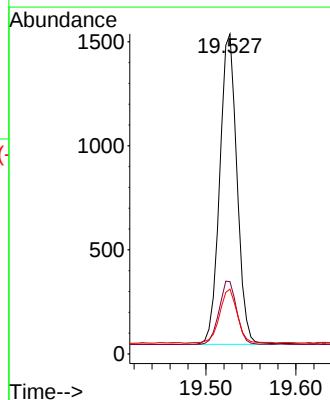
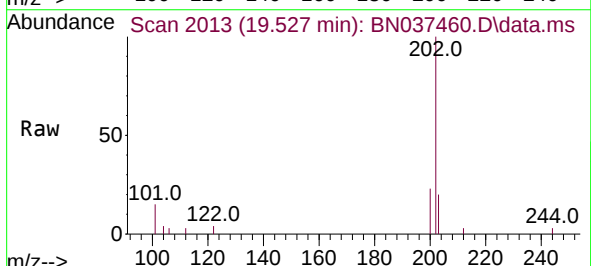
Tgt Ion:202 Resp: 1991

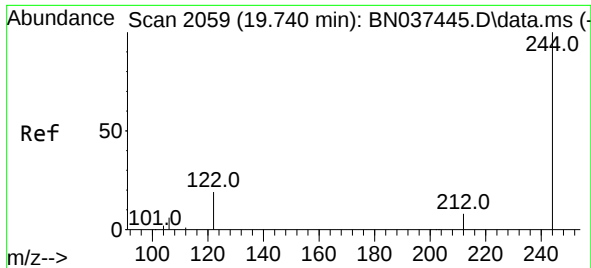
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.8 14.2 21.4

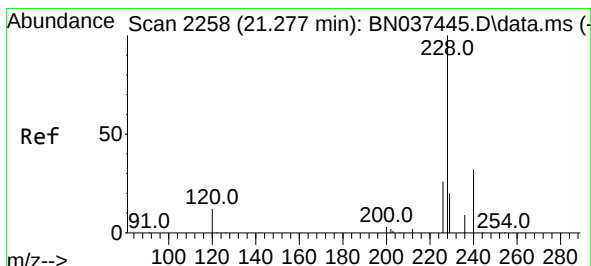
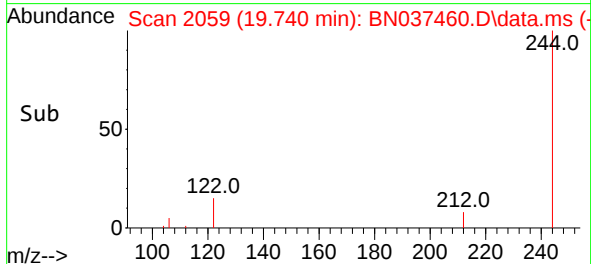
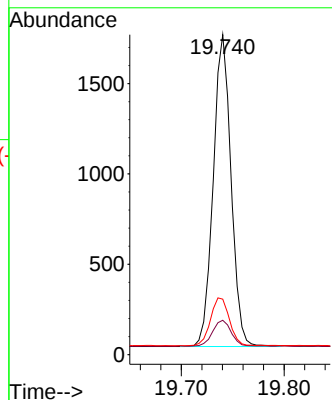
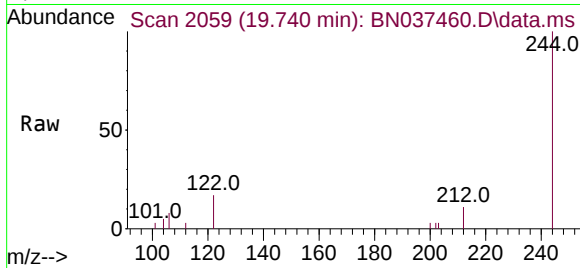




#31
 Terphenyl-d14
 Concen: 0.367 ng
 RT: 19.740 min Scan# 2059
 Delta R.T. -0.009 min
 Lab File: BN037460.D
 Acq: 10 Jul 2025 16:18

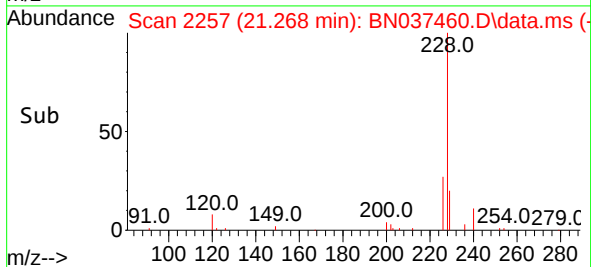
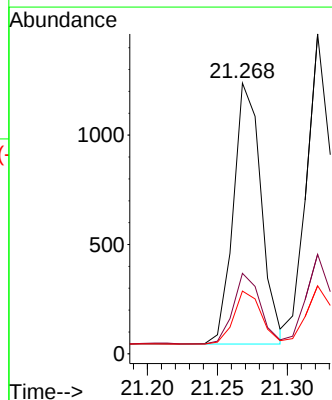
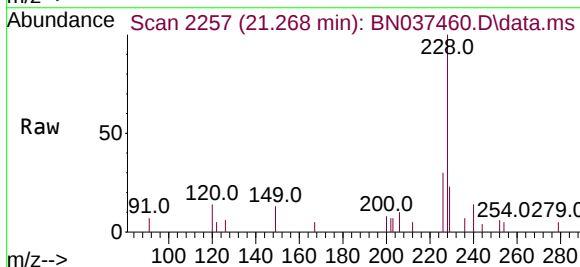
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

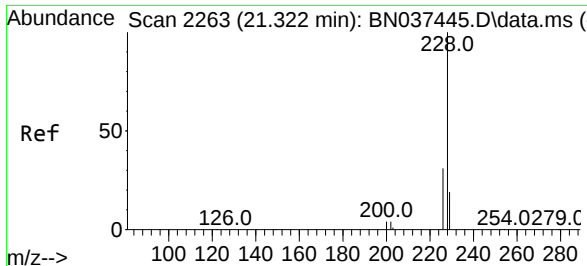
Tgt Ion:244	Resp:	2079	
Ion	Ratio	Lower	Upper
244	100		
212	10.7	9.0	13.4
122	17.3	15.0	22.4



#32
 Benzo(a)anthracene
 Concen: 0.172 ng
 RT: 21.268 min Scan# 2257
 Delta R.T. -0.018 min
 Lab File: BN037460.D
 Acq: 10 Jul 2025 16:18

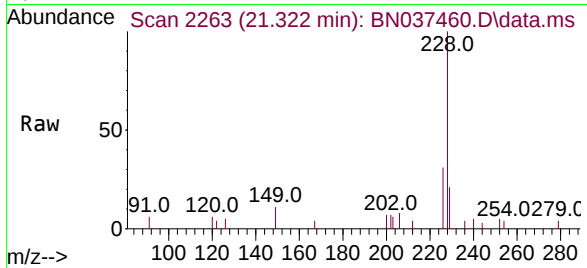
Tgt	Ion:228	Resp:	1646
Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.2	33.2
229	23.2	16.6	25.0



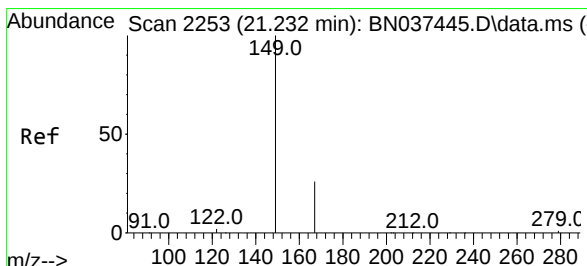
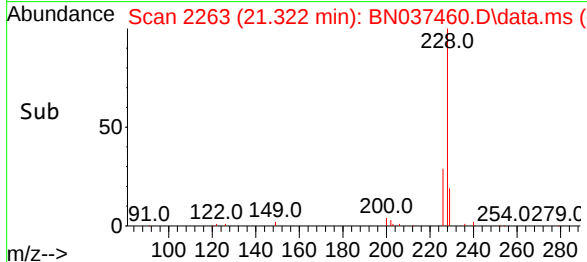
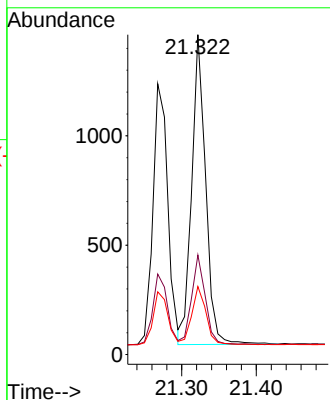


#33
Chrysene
Concen: 0.187 ng
RT: 21.322 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037460.D
Acq: 10 Jul 2025 16:18

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

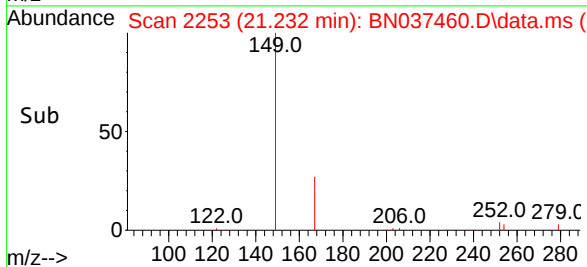
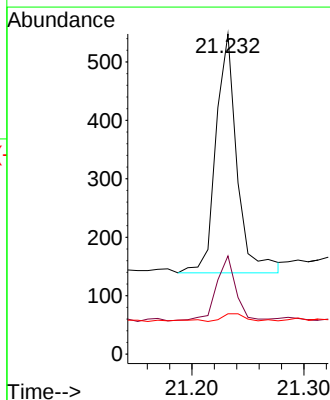
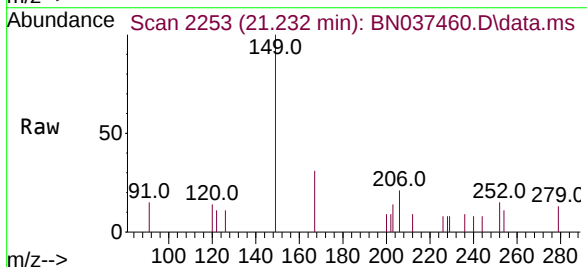


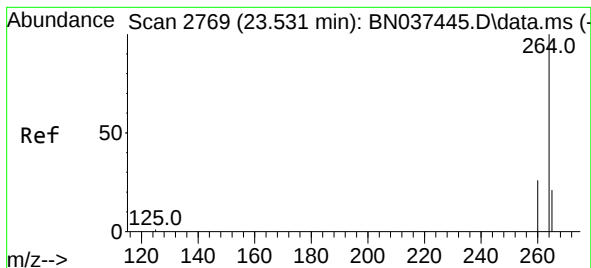
Tgt Ion:228 Resp: 1828
Ion Ratio Lower Upper
228 100
226 31.1 25.0 37.6
229 21.3 15.8 23.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.253 ng
RT: 21.232 min Scan# 2253
Delta R.T. -0.009 min
Lab File: BN037460.D
Acq: 10 Jul 2025 16:18

Tgt Ion:149 Resp: 537
Ion Ratio Lower Upper
149 100
167 25.1 20.6 30.8
279 3.7 2.2 3.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.528 min Scan# 21

Delta R.T. -0.017 min

Lab File: BN037460.D

Acq: 10 Jul 2025 16:18

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

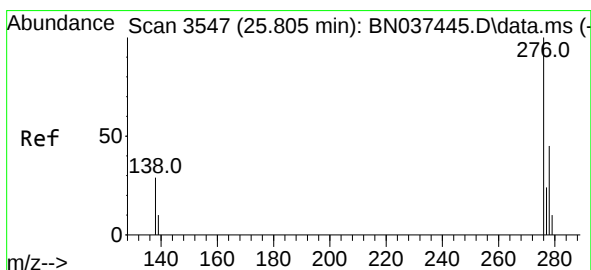
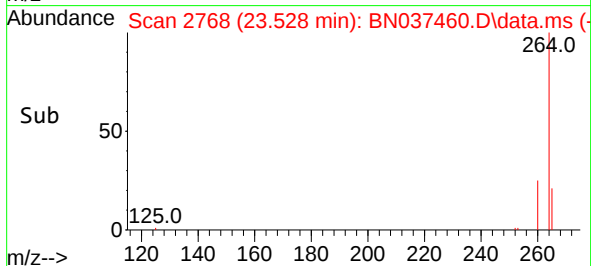
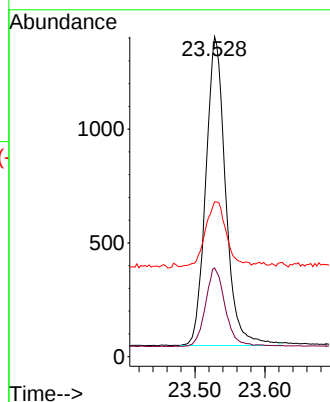
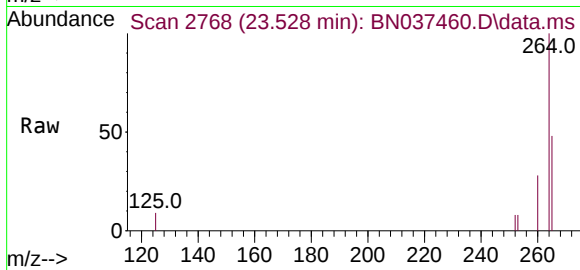
Tgt Ion:264 Resp: 2669

Ion Ratio Lower Upper

264 100

260 27.7 22.1 33.1

265 48.4 30.1 45.1#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.165 ng

RT: 25.803 min Scan# 3546

Delta R.T. -0.023 min

Lab File: BN037460.D

Acq: 10 Jul 2025 16:18

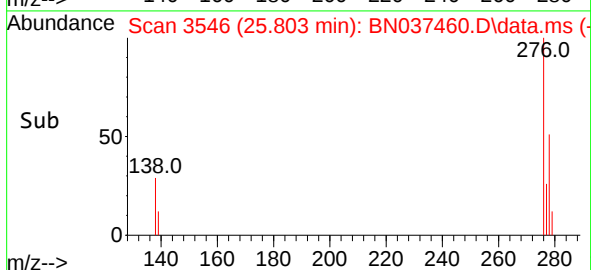
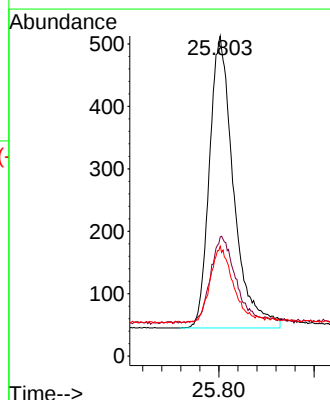
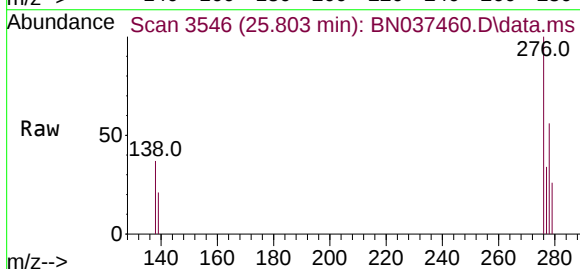
Tgt Ion:276 Resp: 1650

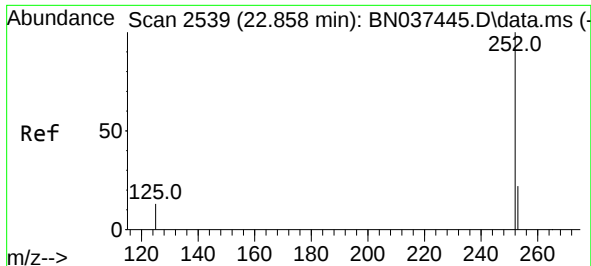
Ion Ratio Lower Upper

276 100

138 30.2 27.8 41.8

277 23.9 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.164 ng

RT: 22.856 min Scan# 21

Delta R.T. -0.014 min

Lab File: BN037460.D

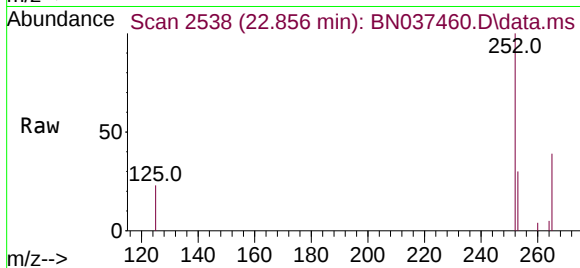
Acq: 10 Jul 2025 16:18

Instrument :

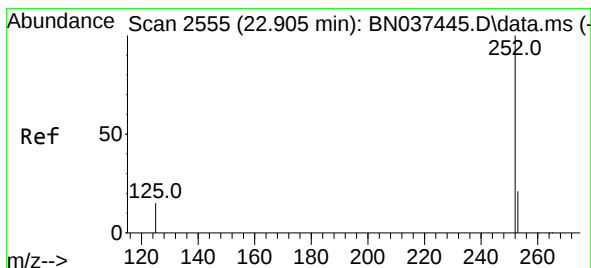
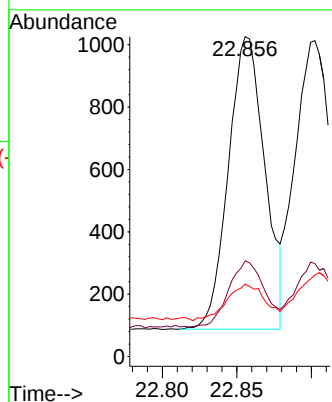
BN037460.D

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025



Tgt Ion:252	Resp:	1594
Ion	Ratio	Lower Upper
252	100	
253	29.9	19.0 28.6#
125	22.6	13.0 19.6#



#38

Benzo(k)fluoranthene

Concen: 0.171 ng

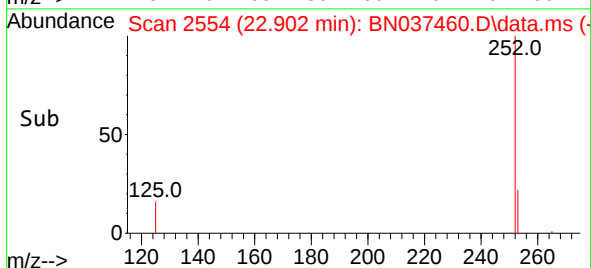
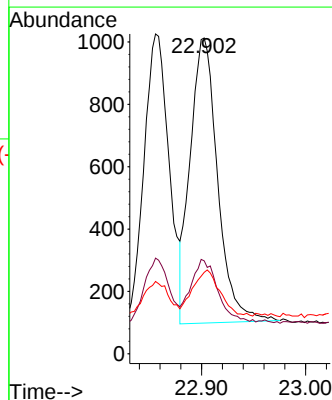
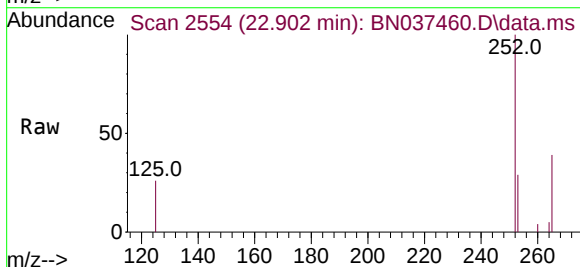
RT: 22.902 min Scan# 2554

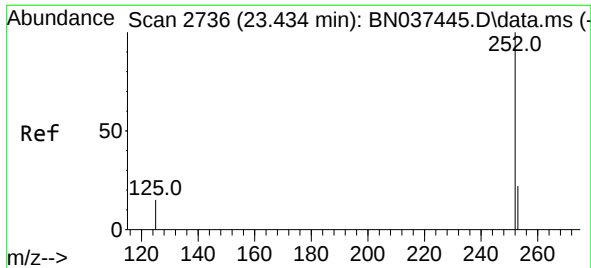
Delta R.T. -0.014 min

Lab File: BN037460.D

Acq: 10 Jul 2025 16:18

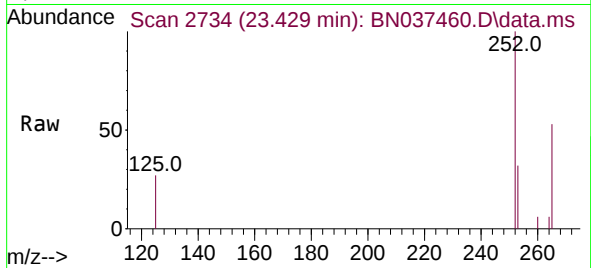
Tgt Ion:252	Resp:	1678
Ion	Ratio	Lower Upper
252	100	
253	29.4	19.0 28.6#
125	25.8	13.0 19.6#



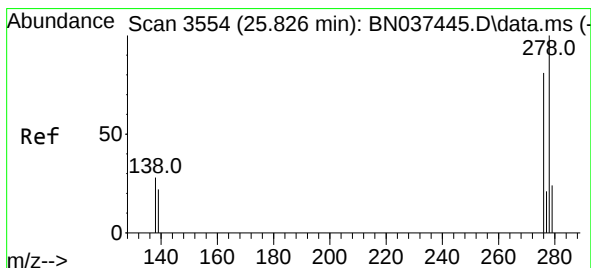
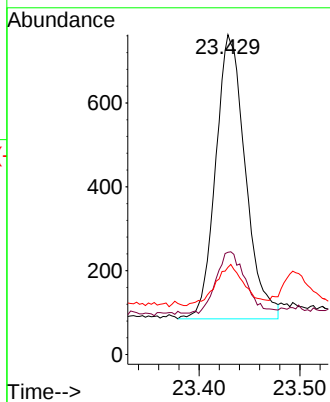
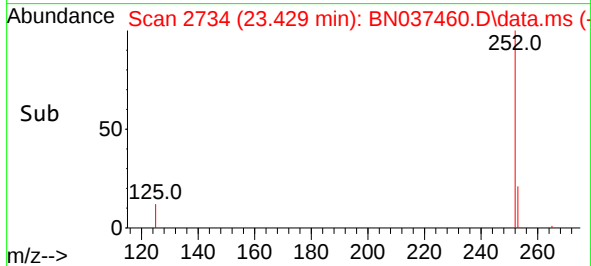


#39
Benzo(a)pyrene
Concen: 0.172 ng
RT: 23.429 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN037460.D
Acq: 10 Jul 2025 16:18

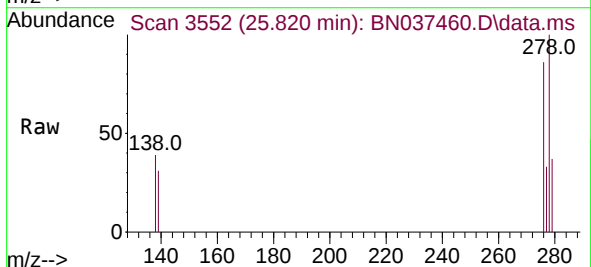
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



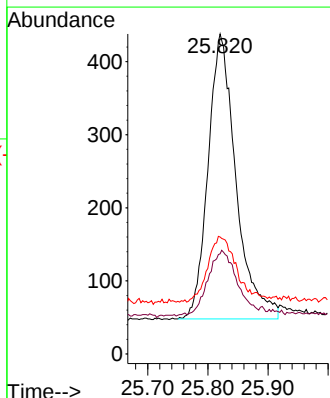
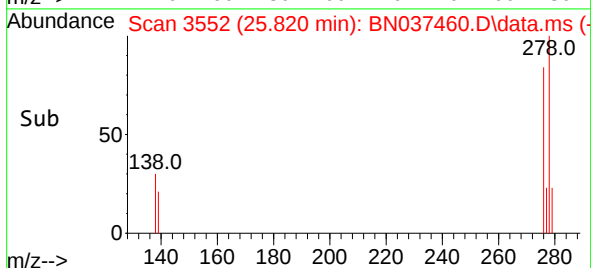
Tgt Ion:252 Resp: 1389
Ion Ratio Lower Upper
252 100
253 32.0 19.7 29.5#
125 27.3 15.4 23.0#

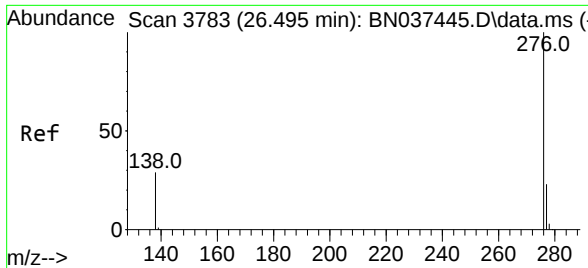


#40
Dibenzo(a,h)anthracene
Concen: 0.157 ng
RT: 25.820 min Scan# 3552
Delta R.T. -0.023 min
Lab File: BN037460.D
Acq: 10 Jul 2025 16:18



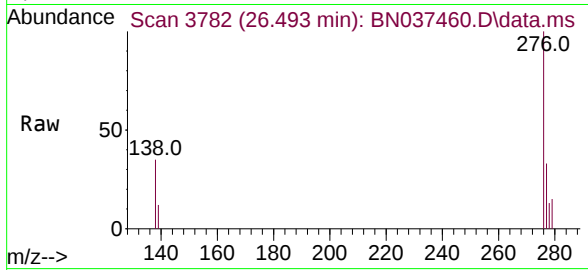
Tgt Ion:278 Resp: 1263
Ion Ratio Lower Upper
278 100
139 31.3 21.2 31.8
279 36.5 22.7 34.1#





#41
Benzo(g,h,i)perylene
Concen: 0.169 ng
RT: 26.493 min Scan# 31
Delta R.T. -0.023 min
Lab File: BN037460.D
Acq: 10 Jul 2025 16:18

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



Tgt Ion:276 Resp: 1458

Ion	Ratio	Lower	Upper
276	100		
277	33.2	19.8	29.8#
138	34.9	25.9	38.9

