

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091025\
 Data File : BN037685.D
 Acq On : 10 Sep 2025 15:58
 Operator : RC/JU
 Sample : Q2893-01
 Misc : LOD-MDL-SOIL 0.1 ng
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025

Quant Time: Sep 10 16:28:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 10 02:02:04 2025
 Response via : Initial Calibration

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

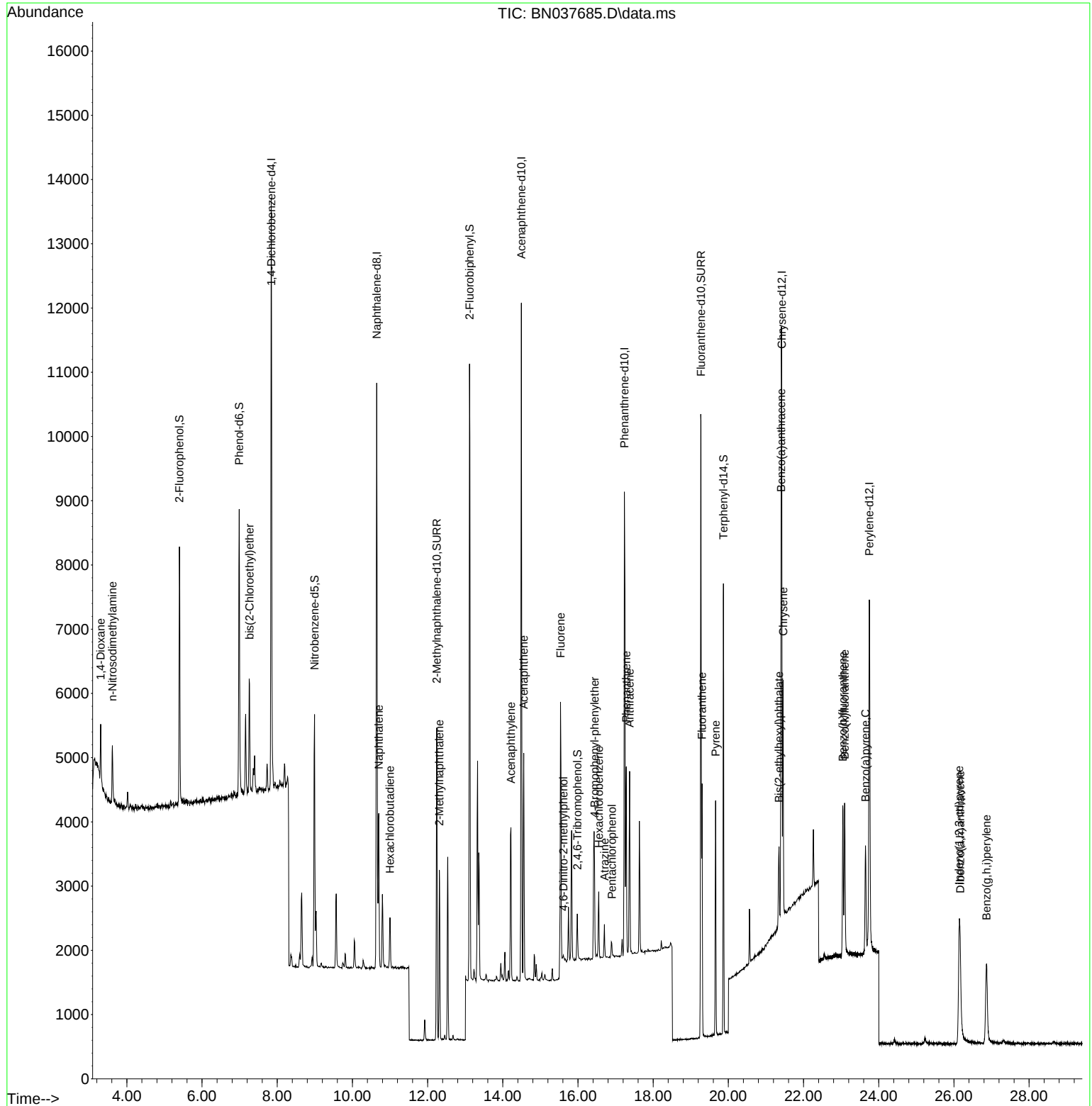
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4461	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	11884	0.400	ng	0.00
13) Acenaphthene-d10	14.494	164	5554	0.400	ng	0.00
19) Phenanthrene-d10	17.235	188	10108	0.400	ng	#-0.01
29) Chrysene-d12	21.420	240	7981	0.400	ng	0.00
35) Perylene-d12	23.750	264	7935	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	3213	0.281	ng	0.00
5) Phenol-d6	6.988	99	4153	0.289	ng	0.00
8) Nitrobenzene-d5	8.993	82	3087	0.422	ng	0.00
11) 2-Methylnaphthalene-d10	12.243	152	6493	0.389	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	430	0.278	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	8697	0.398	ng	-0.01
27) Fluoranthene-d10	19.271	212	10512	0.403	ng	0.00
31) Terphenyl-d14	19.870	244	6512	0.387	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.304	88	594	0.123	ng	94
3) n-Nitrosodimethylamine	3.615	42	684	0.112	ng	# 89
6) bis(2-Chloroethyl)ether	7.262	93	1281	0.106	ng	99
9) Naphthalene	10.701	128	3362	0.104	ng	# 94
10) Hexachlorobutadiene	11.000	225	639	0.112	ng	# 98
12) 2-Methylnaphthalene	12.314	142	1864	0.089	ng	97
16) Acenaphthylene	14.216	152	2863	0.110	ng	100
17) Acenaphthene	14.559	154	1699	0.102	ng	94
18) Fluorene	15.535	166	2078	0.102	ng	98
20) 4,6-Dinitro-2-methylph...	15.609	198	66	0.117	ng	# 27
21) 4-Bromophenyl-phenylether	16.441	248	658	0.099	ng	98
22) Hexachlorobenzene	16.553	284	792	0.113	ng	96
23) Atrazine	16.702	200	403	0.097	ng	90
24) Pentachlorophenol	16.900	266	174	0.074	ng	94
25) Phenanthrene	17.285	178	3265	0.106	ng	99
26) Anthracene	17.372	178	2874	0.100	ng	98
28) Fluoranthene	19.299	202	3346	0.096	ng	99
30) Pyrene	19.661	202	3273	0.103	ng	100
32) Benzo(a)anthracene	21.402	228	2888	0.101	ng	95
33) Chrysene	21.456	228	3155	0.109	ng	96
34) Bis(2-ethylhexyl)phtha...	21.348	149	936	0.118	ng	98
36) Indeno(1,2,3-cd)pyrene	26.139	276	3144	0.105	ng	98
37) Benzo(b)fluoranthene	23.046	252	3056	0.104	ng	# 78
38) Benzo(k)fluoranthene	23.092	252	3067	0.106	ng	# 75
39) Benzo(a)pyrene	23.648	252	2629	0.108	ng	# 68
40) Dibenzo(a,h)anthracene	26.168	278	2390	0.106	ng	# 69
41) Benzo(g,h,i)perylene	26.864	276	2852	0.105	ng	# 88

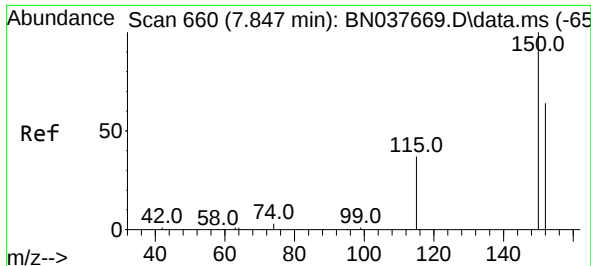
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091025\
Data File : BN037685.D
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Instrument :
BNA_N
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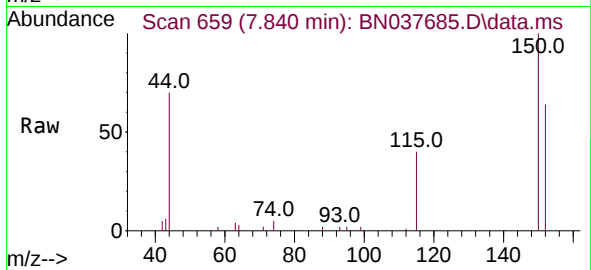
Quant Time: Sep 10 16:28:35 2025
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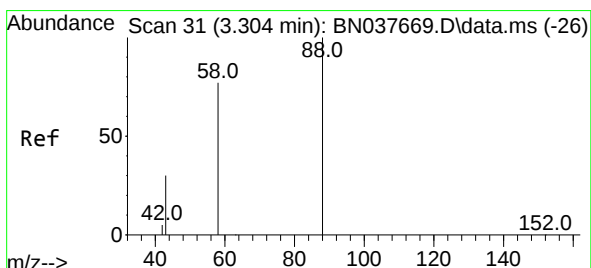
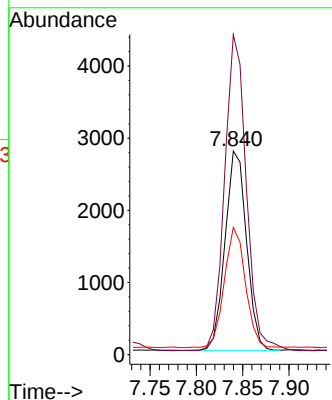
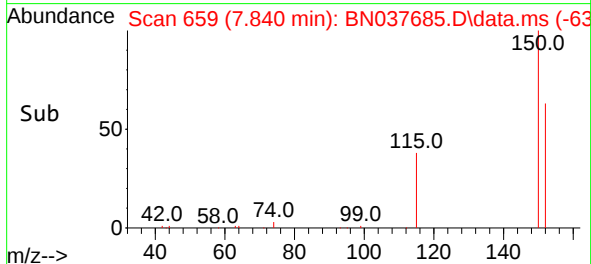


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.840 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037685.D
 Acq: 10 Sep 2025 15:58

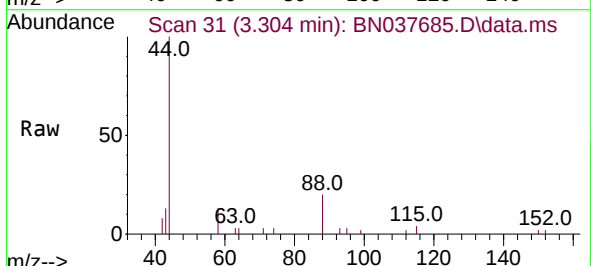
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025



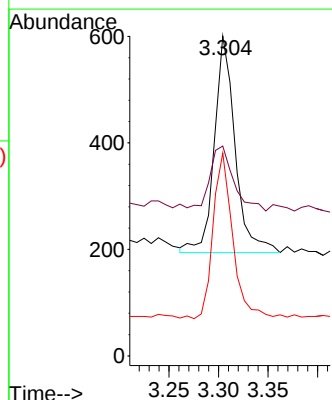
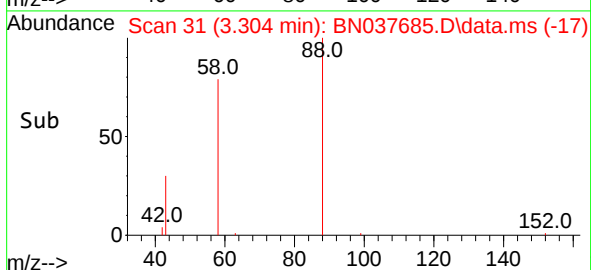
Tgt Ion:152 Resp: 4461
 Ion Ratio Lower Upper
 152 100
 150 157.2 123.2 184.8
 115 62.5 49.0 73.4

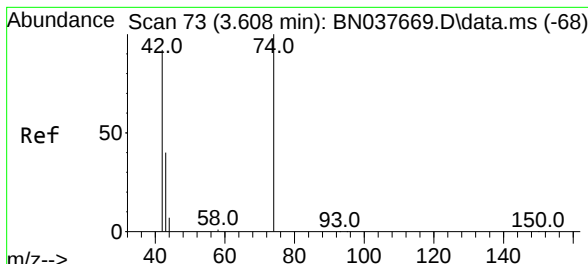


#2
 1,4-Dioxane
 Concen: 0.123 ng
 RT: 3.304 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN037685.D
 Acq: 10 Sep 2025 15:58



Tgt Ion: 88 Resp: 594
 Ion Ratio Lower Upper
 88 100
 43 34.3 26.8 40.2
 58 71.9 62.6 93.8

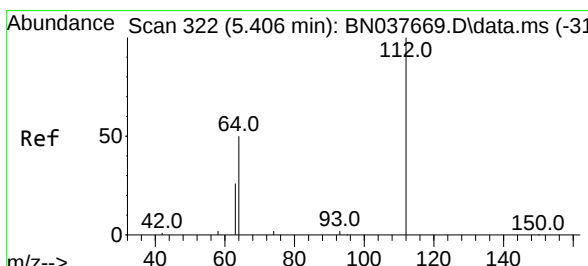
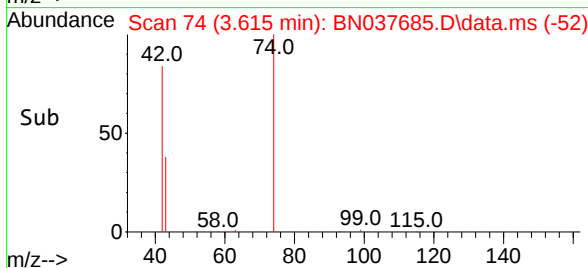
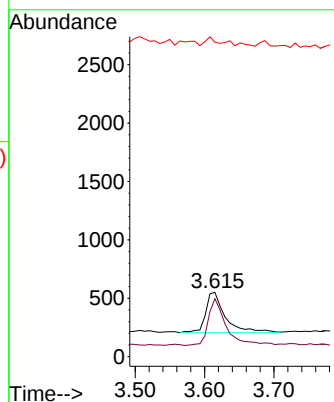
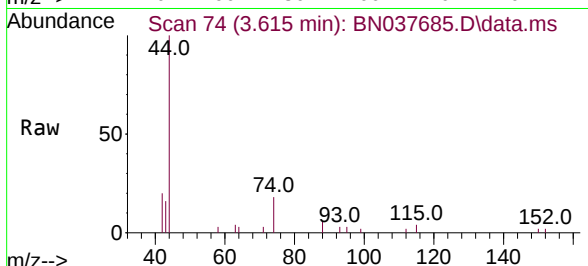




#3
 n-Nitrosodimethylamine
 Concen: 0.112 ng
 RT: 3.615 min Scan# 74
 Delta R.T. 0.007 min
 Lab File: BN037685.D
 Acq: 10 Sep 2025 15:58

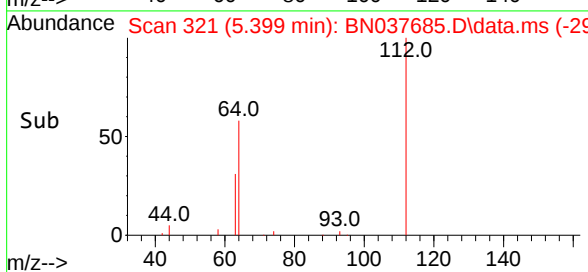
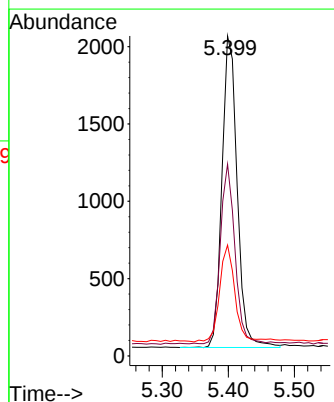
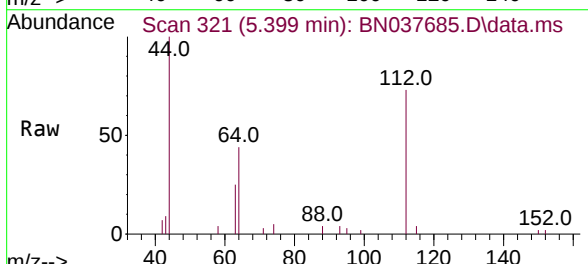
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025

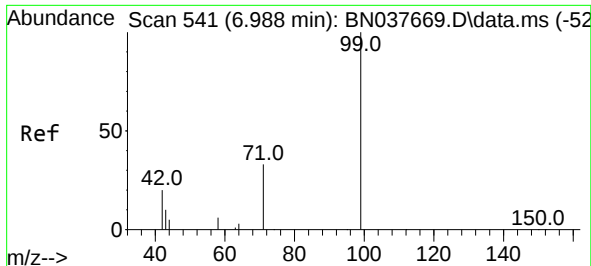
Tgt Ion: 42 Resp: 684
 Ion Ratio Lower Upper
 42 100
 74 106.4 94.9 142.3
 44 9.9 10.6 16.0#



#4
 2-Fluorophenol
 Concen: 0.281 ng
 RT: 5.399 min Scan# 321
 Delta R.T. -0.007 min
 Lab File: BN037685.D
 Acq: 10 Sep 2025 15:58

Tgt Ion: 112 Resp: 3213
 Ion Ratio Lower Upper
 112 100
 64 56.1 45.4 68.2
 63 31.8 23.7 35.5

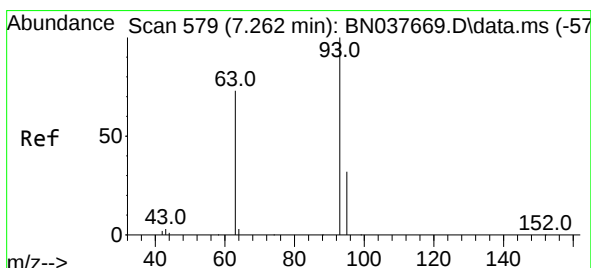
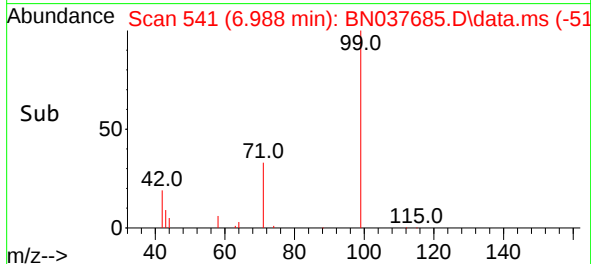
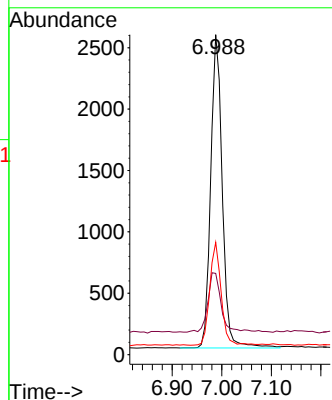
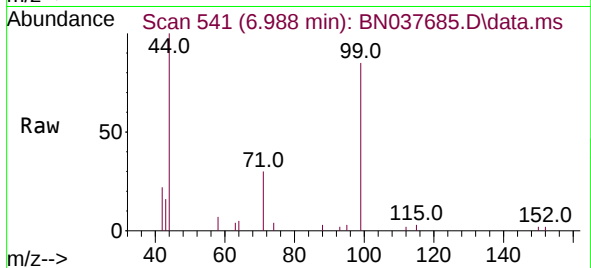




#5
Phenol-d6
Concen: 0.289 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037685.D
Acq: 10 Sep 2025 15:58

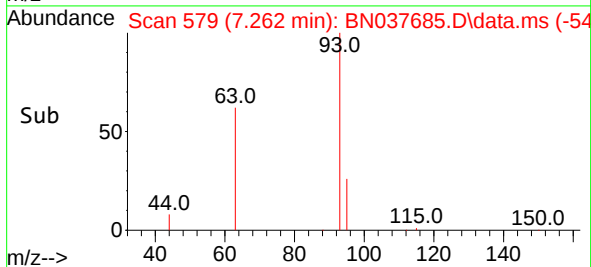
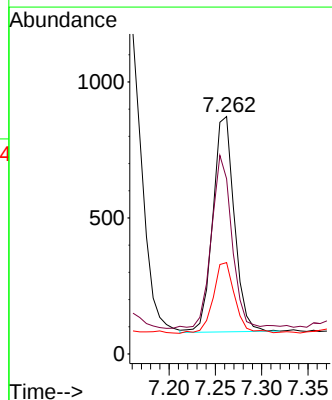
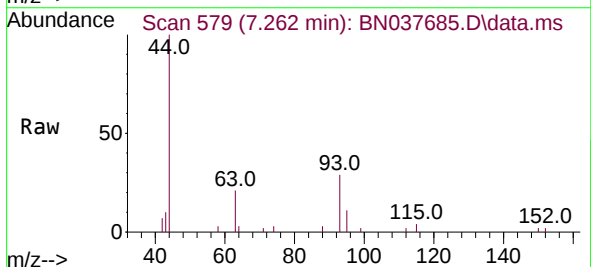
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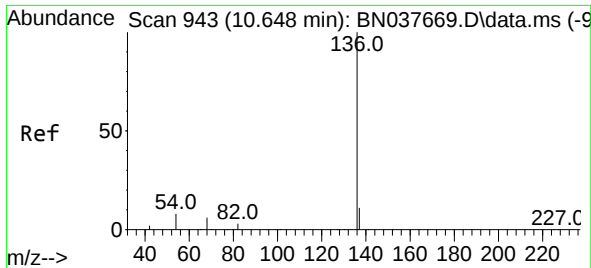
Tgt Ion: 99 Resp: 4153
Ion Ratio Lower Upper
99 100
42 22.6 17.7 26.5
71 32.3 26.7 40.1



#6
bis(2-Chloroethyl)ether
Concen: 0.106 ng
RT: 7.262 min Scan# 579
Delta R.T. -0.000 min
Lab File: BN037685.D
Acq: 10 Sep 2025 15:58

Tgt Ion: 93 Resp: 1281
Ion Ratio Lower Upper
93 100
63 77.0 62.1 93.1
95 33.4 26.0 39.0

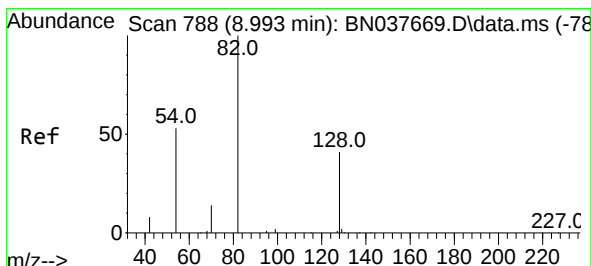
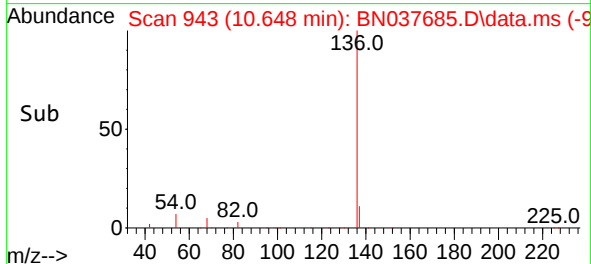
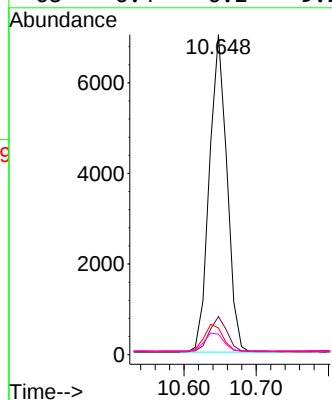
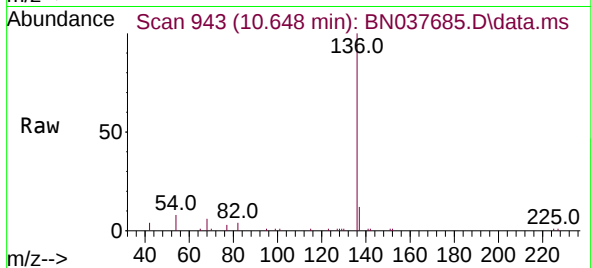




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN037685.D
Acq: 10 Sep 2025 15:58

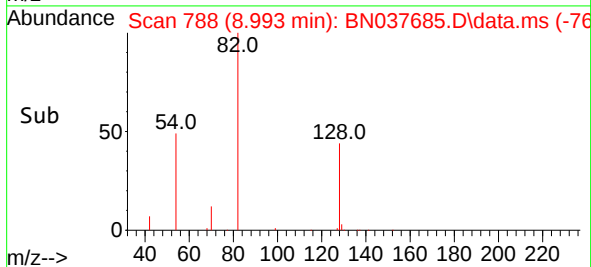
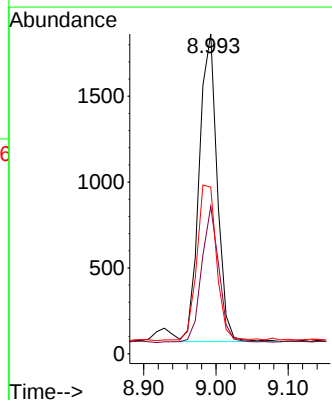
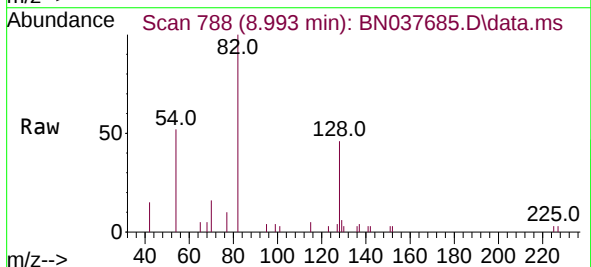
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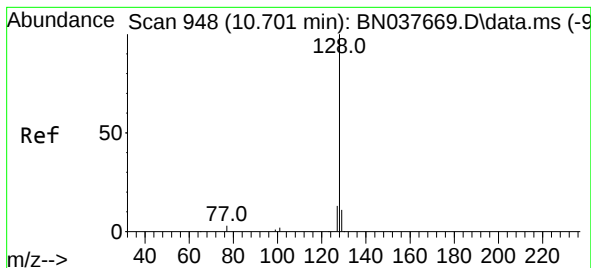
Tgt Ion:136	Resp:	11884
Ion	Ratio	Lower Upper
136	100	
137	11.9	9.3 13.9
54	8.3	8.1 12.1
68	6.4	6.2 9.2



#8
Nitrobenzene-d5
Concen: 0.422 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN037685.D
Acq: 10 Sep 2025 15:58

Tgt Ion: 82	Resp:	3087
Ion	Ratio	Lower Upper
82	100	
128	46.1	34.3 51.5
54	52.1	45.5 68.3





#9

Naphthalene

Concen: 0.104 ng

RT: 10.701 min Scan# 948

Delta R.T. -0.000 min

Lab File: BN037685.D

Acq: 10 Sep 2025 15:58

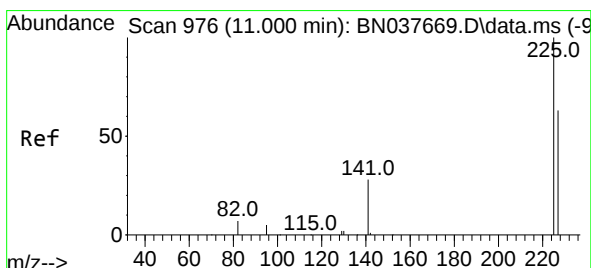
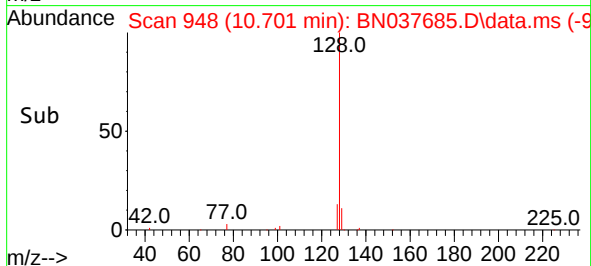
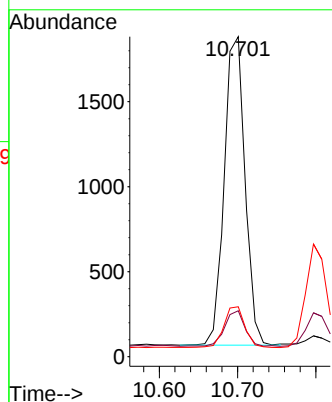
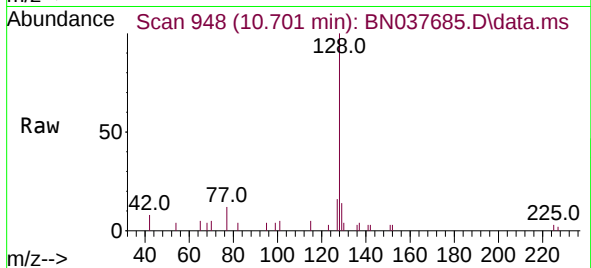
Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:	128	Resp:	3362
Ion Ratio	Lower	Upper	
128	100		
129	14.3	9.3	13.9#
127	15.6	10.7	16.1



#10

Hexachlorobutadiene

Concen: 0.112 ng

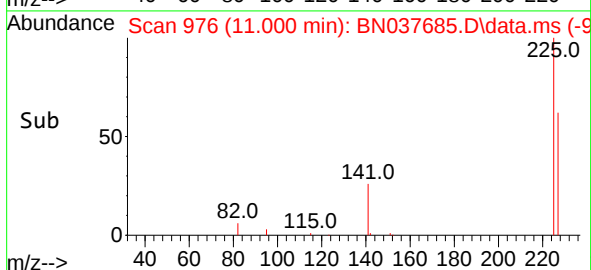
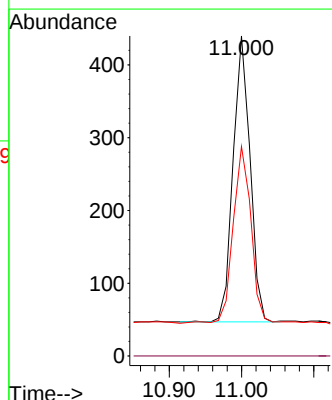
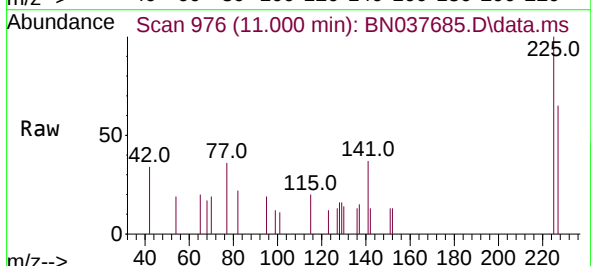
RT: 11.000 min Scan# 976

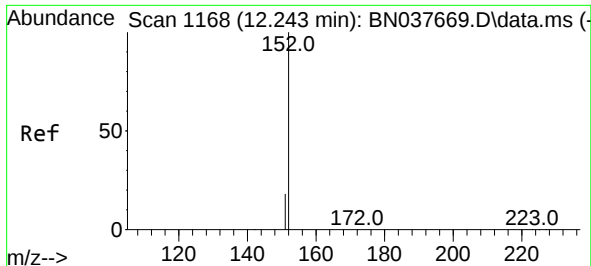
Delta R.T. -0.000 min

Lab File: BN037685.D

Acq: 10 Sep 2025 15:58

Tgt Ion:	225	Resp:	639
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	66.2	51.7	77.5

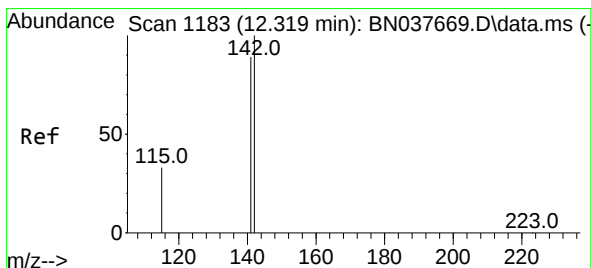
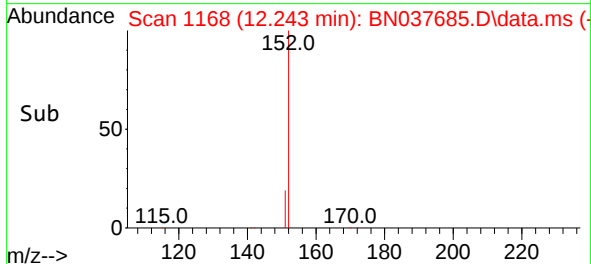
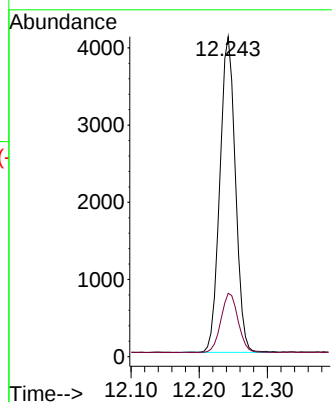
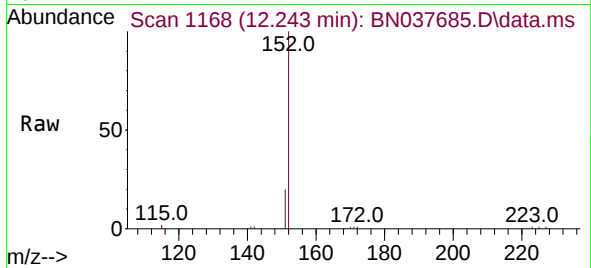




#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 12.243 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BN037685.D
Acq: 10 Sep 2025 15:58

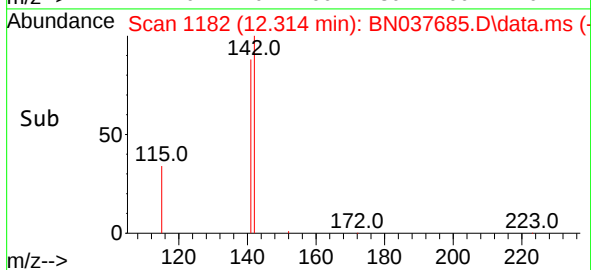
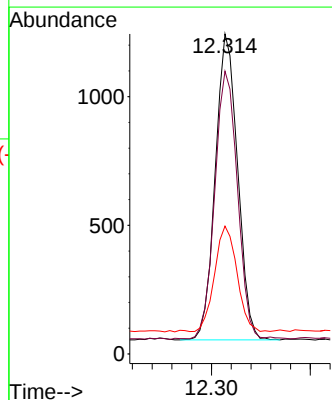
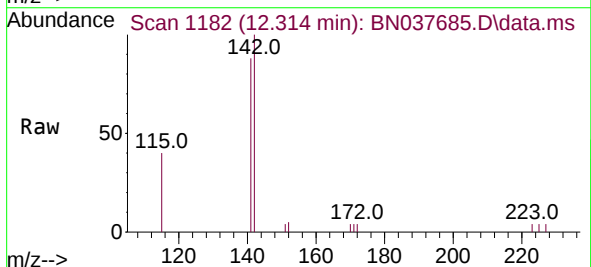
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

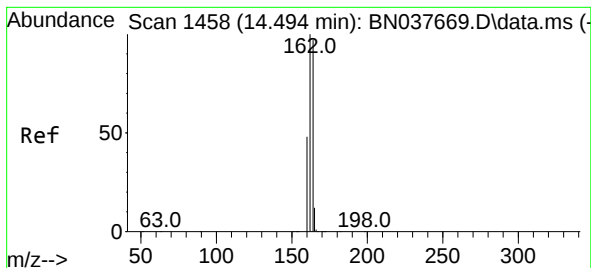
Tgt Ion:152 Resp: 6493
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.089 ng
RT: 12.314 min Scan# 1182
Delta R.T. -0.005 min
Lab File: BN037685.D
Acq: 10 Sep 2025 15:58

Tgt Ion:142 Resp: 1864
Ion Ratio Lower Upper
142 100
141 88.3 71.5 107.3
115 40.0 28.0 42.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.494 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BN037685.D

Acq: 10 Sep 2025 15:58

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

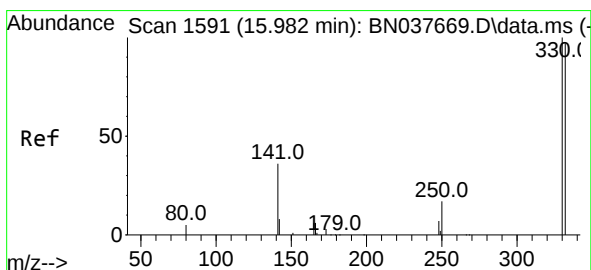
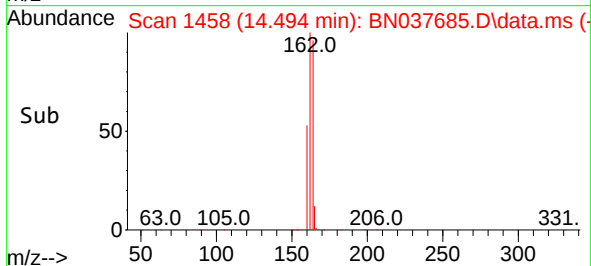
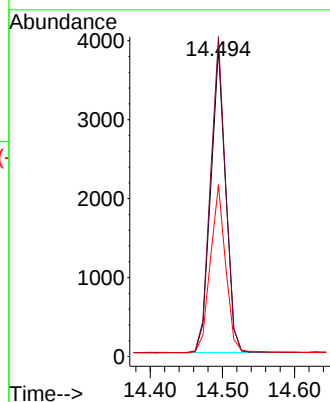
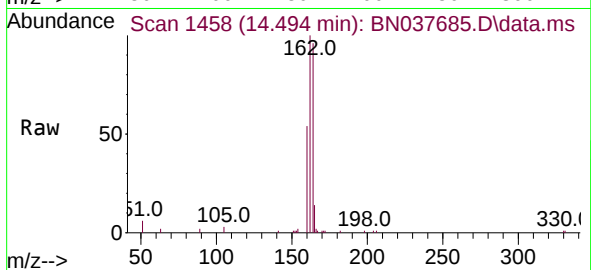
Tgt Ion:164 Resp: 5554

Ion Ratio Lower Upper

164 100

162 103.7 82.6 123.8

160 55.7 39.7 59.5



#14

2,4,6-Tribromophenol

Concen: 0.278 ng

RT: 15.982 min Scan# 1591

Delta R.T. -0.000 min

Lab File: BN037685.D

Acq: 10 Sep 2025 15:58

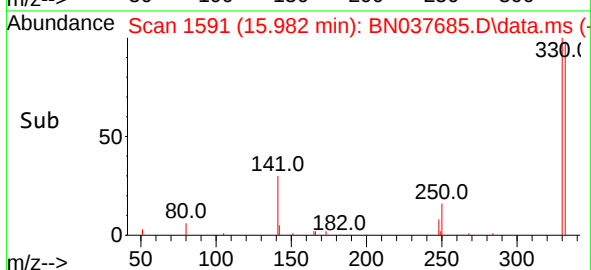
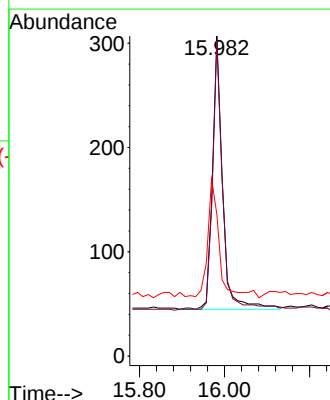
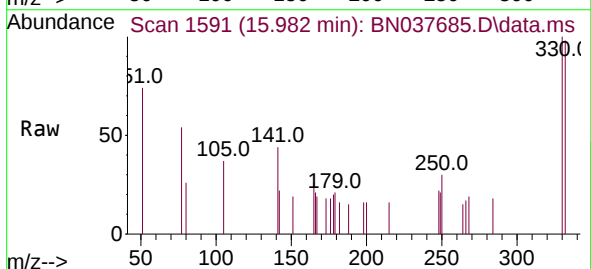
Tgt Ion:330 Resp: 430

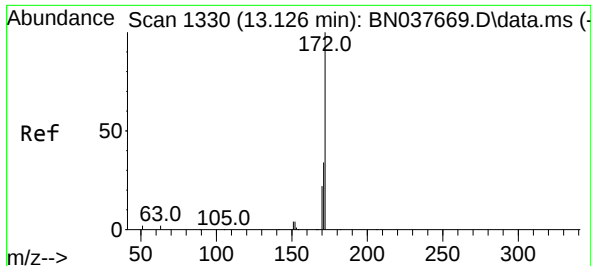
Ion Ratio Lower Upper

330 100

332 95.8 78.8 118.2

141 45.3 37.8 56.6

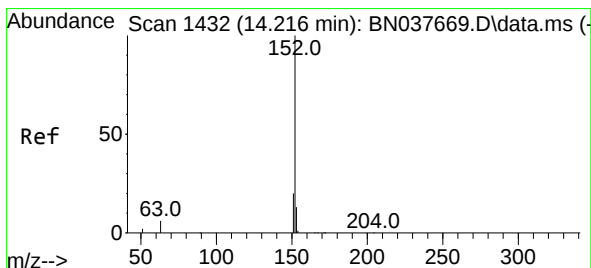
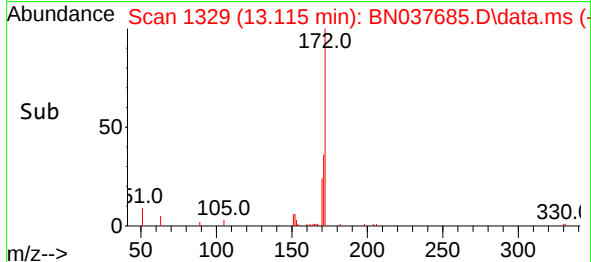
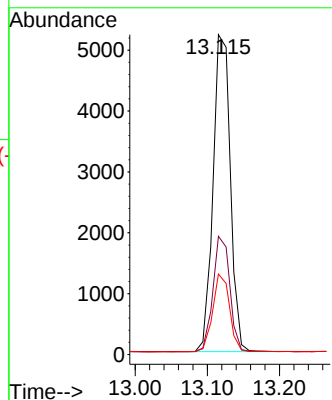
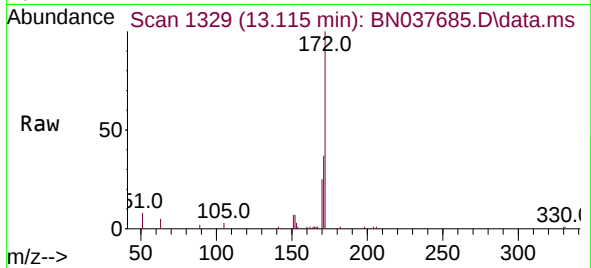




#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.115 min Scan# 1330
Delta R.T. -0.011 min
Lab File: BN037685.D
Acq: 10 Sep 2025 15:58

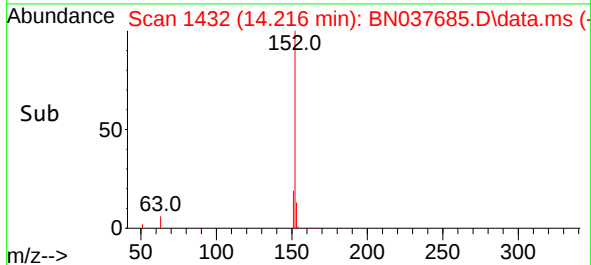
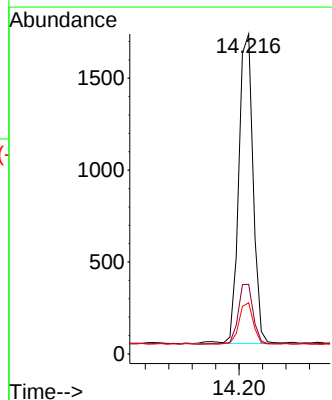
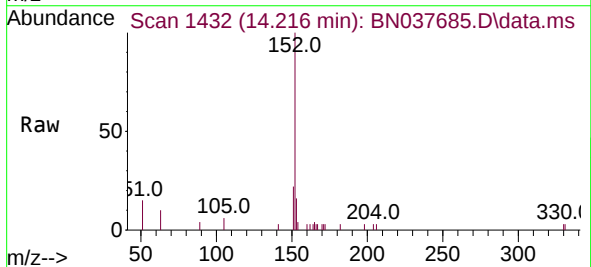
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025

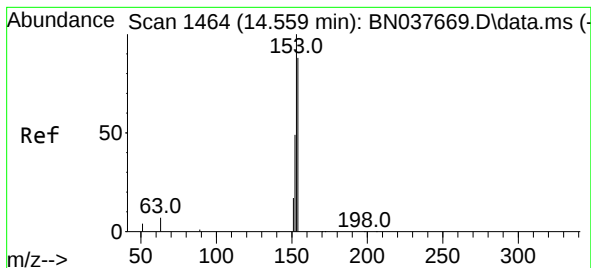
Tgt Ion:	172	Resp:	8697
Ion Ratio	Lower	Upper	
172	100		
171	37.0	27.8	41.8
170	25.2	18.4	27.6



#16
Acenaphthylene
Concen: 0.110 ng
RT: 14.216 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN037685.D
Acq: 10 Sep 2025 15:58

Tgt Ion:	152	Resp:	2863
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.0	24.0
153	13.2	10.4	15.6





#17

Acenaphthene

Concen: 0.102 ng

RT: 14.559 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BN037685.D

Acq: 10 Sep 2025 15:58

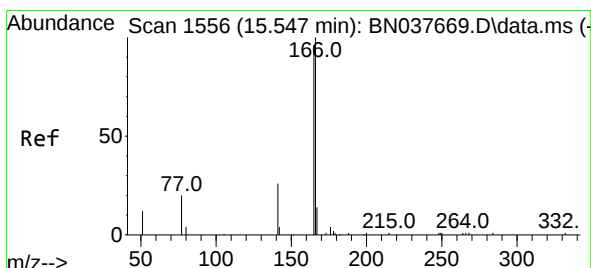
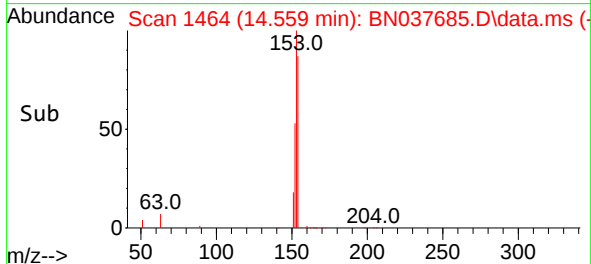
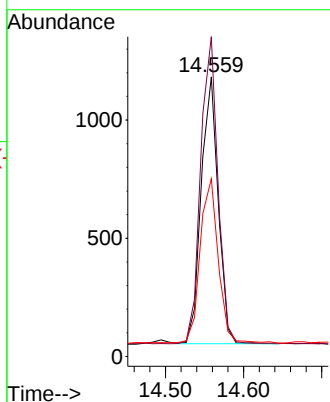
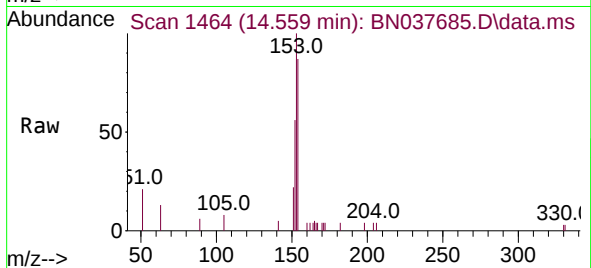
Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:154	Resp:	1699
Ion	Ratio	Lower Upper
154	100	
153	117.1	90.7 136.1
152	65.5	46.4 69.6



#18

Fluorene

Concen: 0.102 ng

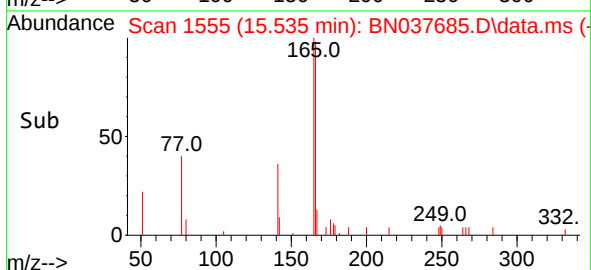
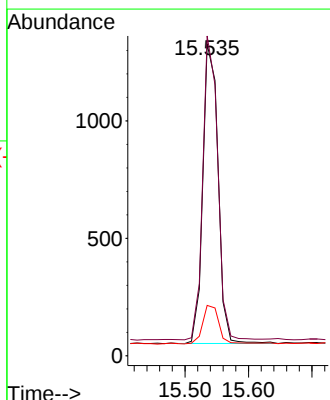
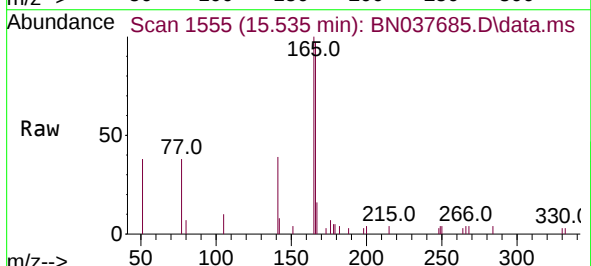
RT: 15.535 min Scan# 1555

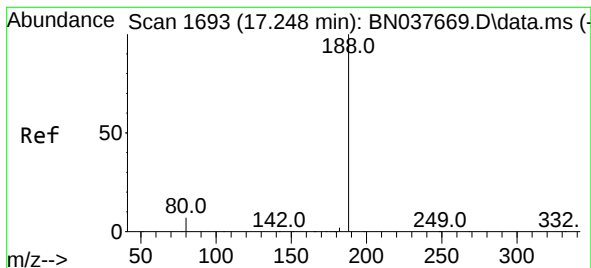
Delta R.T. -0.012 min

Lab File: BN037685.D

Acq: 10 Sep 2025 15:58

Tgt Ion:166	Resp:	2078
Ion	Ratio	Lower Upper
166	100	
165	98.3	77.4 116.0
167	14.1	10.6 15.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.235 min Scan# 1693

Delta R.T. -0.012 min

Lab File: BN037685.D

Acq: 10 Sep 2025 15:58

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

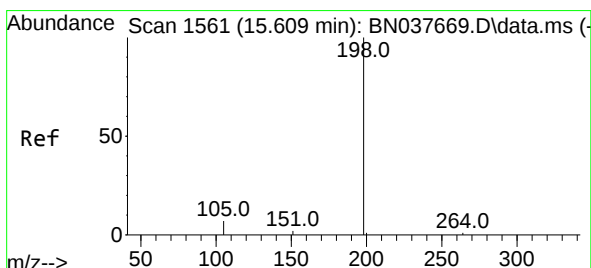
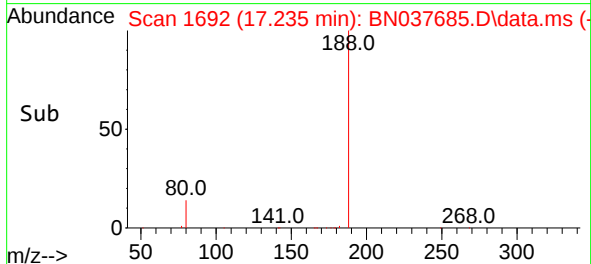
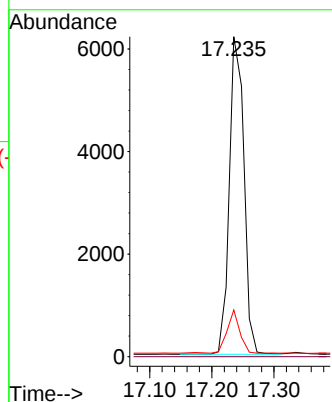
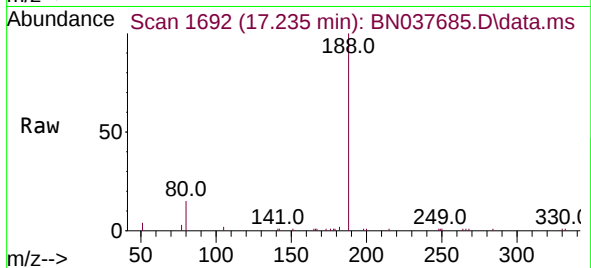
Tgt Ion:188 Resp: 10108

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.6 6.3 9.5#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.117 ng

RT: 15.609 min Scan# 1561

Delta R.T. -0.000 min

Lab File: BN037685.D

Acq: 10 Sep 2025 15:58

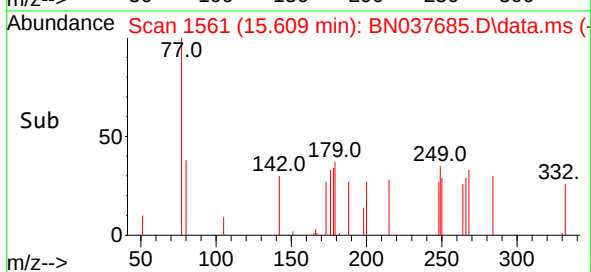
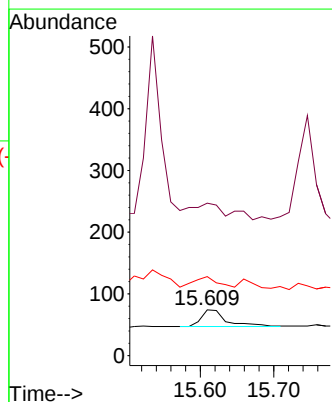
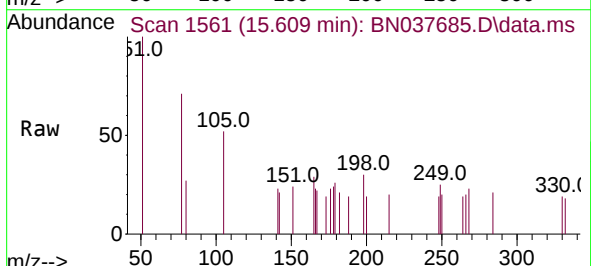
Tgt Ion:198 Resp: 66

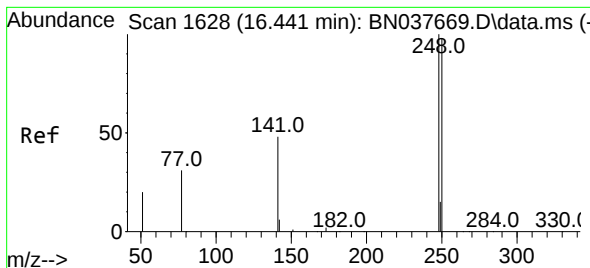
Ion Ratio Lower Upper

198 100

51 333.8 144.8 217.2#

105 173.0 110.7 166.1#

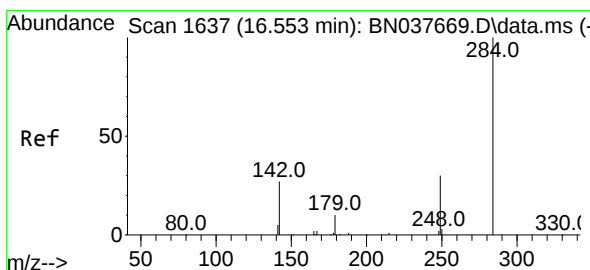
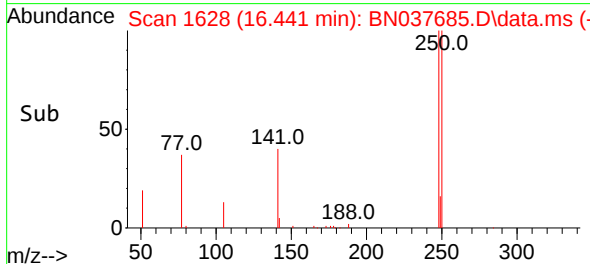
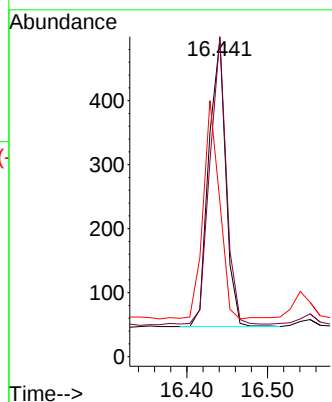
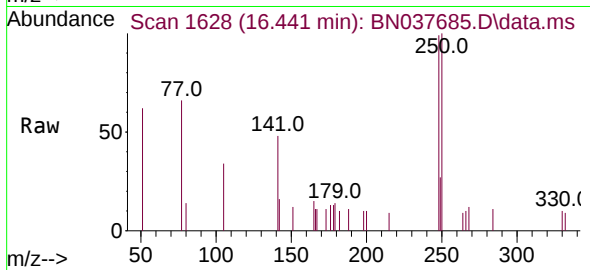




#21
4-Bromophenyl-phenylether
Concen: 0.099 ng
RT: 16.441 min Scan# 1628
Delta R.T. -0.000 min
Lab File: BN037685.D
Acq: 10 Sep 2025 15:58

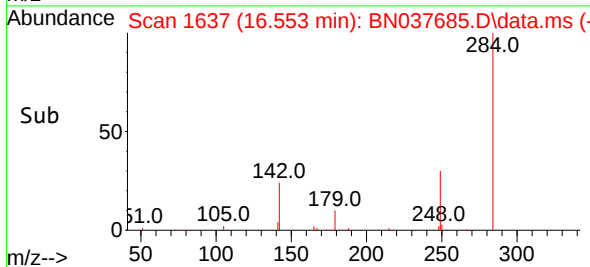
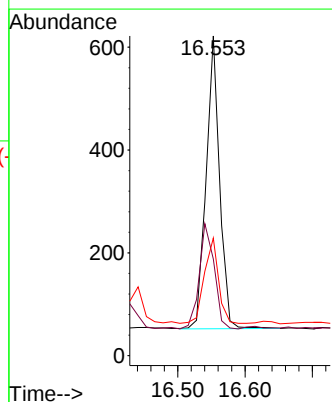
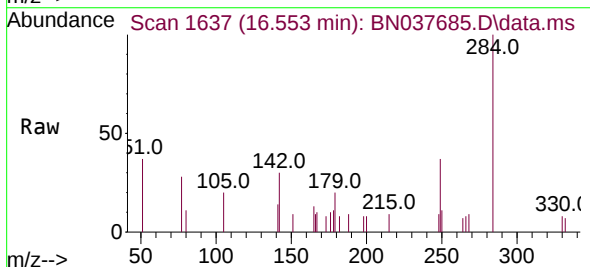
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

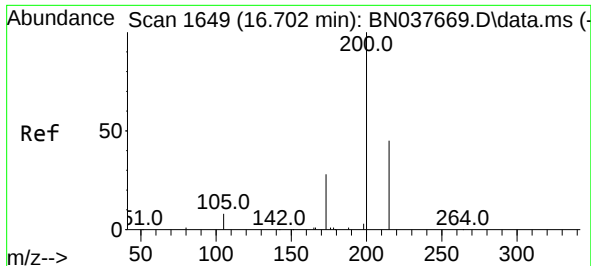
Tgt Ion:	248	Resp:	658
Ion	Ratio	Lower	Upper
248	100		
250	100.8	78.7	118.1
141	48.8	40.2	60.4



#22
Hexachlorobenzene
Concen: 0.113 ng
RT: 16.553 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BN037685.D
Acq: 10 Sep 2025 15:58

Tgt Ion:	284	Resp:	792
Ion	Ratio	Lower	Upper
284	100		
142	40.0	29.4	44.2
249	31.3	24.4	36.6

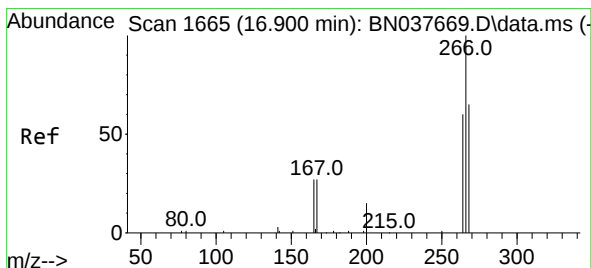
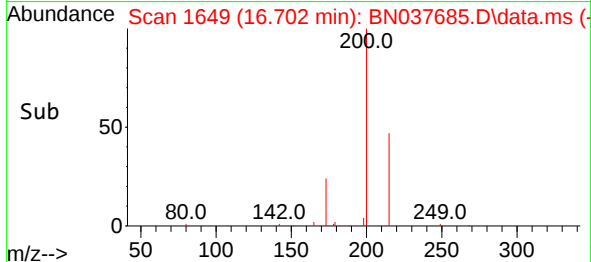
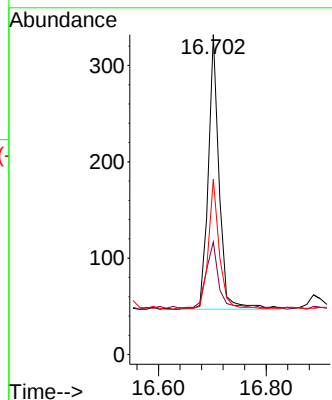
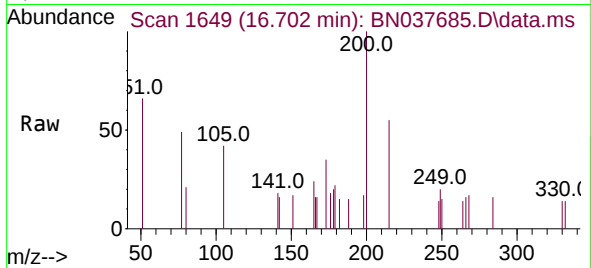




#23
Atrazine
Concen: 0.097 ng
RT: 16.702 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BN037685.D
Acq: 10 Sep 2025 15:58

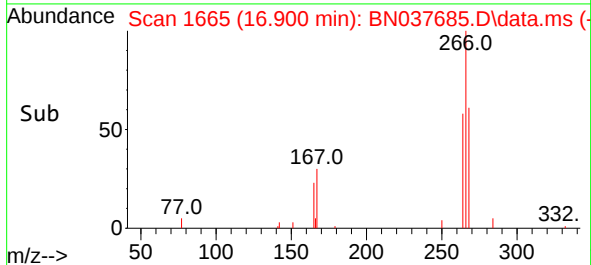
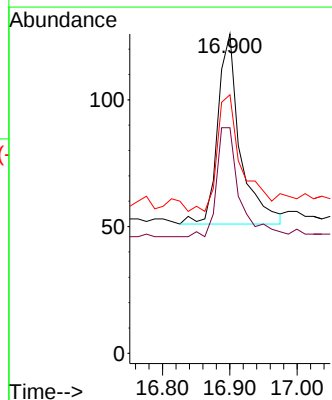
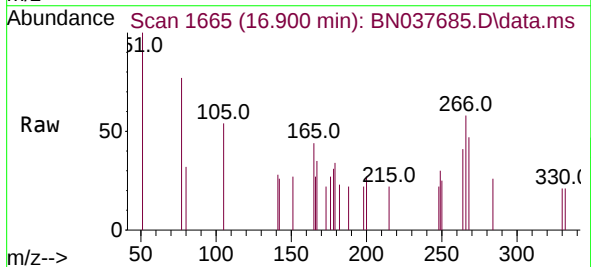
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

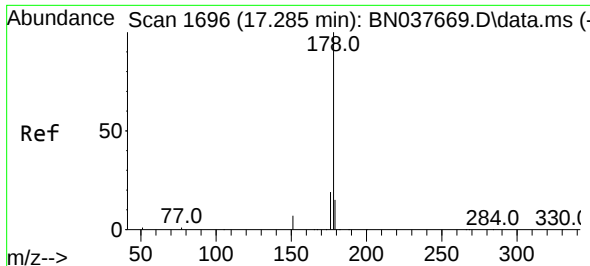
Tgt Ion:200 Resp: 403
Ion Ratio Lower Upper
200 100
173 35.2 24.7 37.1
215 54.8 37.5 56.3



#24
Pentachlorophenol
Concen: 0.074 ng
RT: 16.900 min Scan# 1665
Delta R.T. -0.000 min
Lab File: BN037685.D
Acq: 10 Sep 2025 15:58

Tgt Ion:266 Resp: 174
Ion Ratio Lower Upper
266 100
264 58.6 49.7 74.5
268 66.7 48.7 73.1

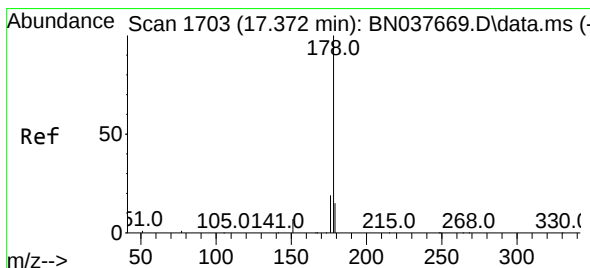
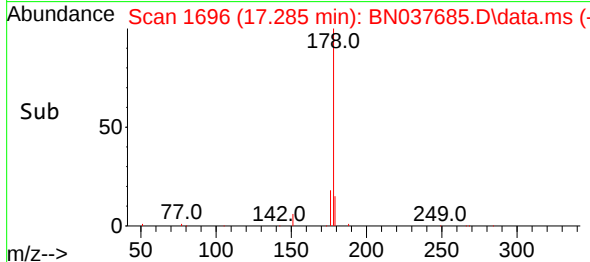
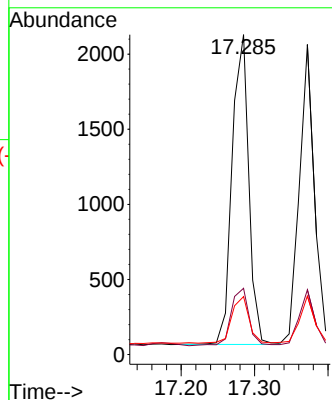
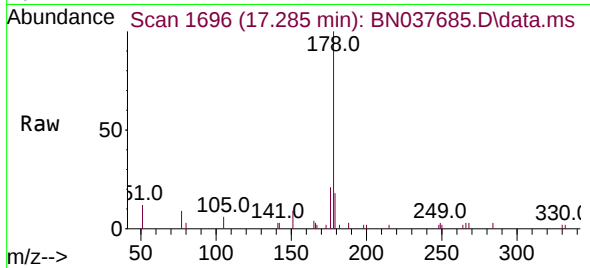




#25
Phenanthrene
Concen: 0.106 ng
RT: 17.285 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BN037685.D
Acq: 10 Sep 2025 15:58

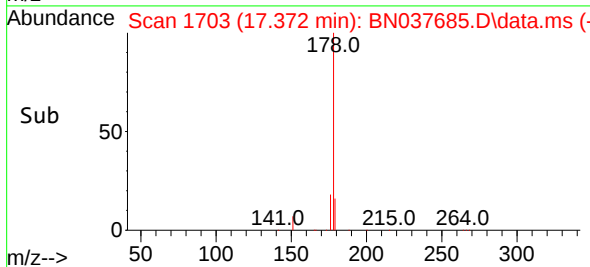
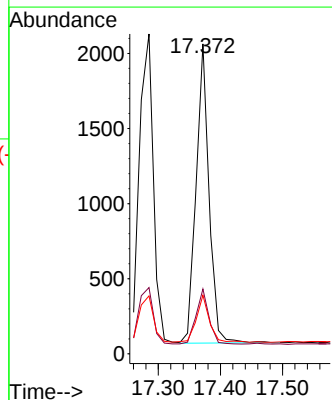
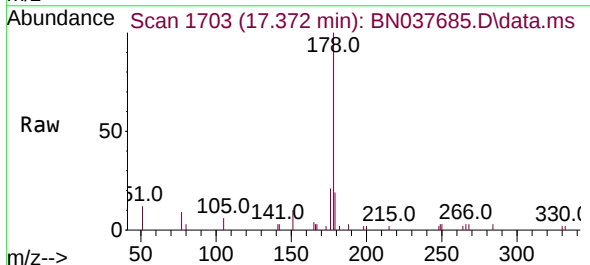
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

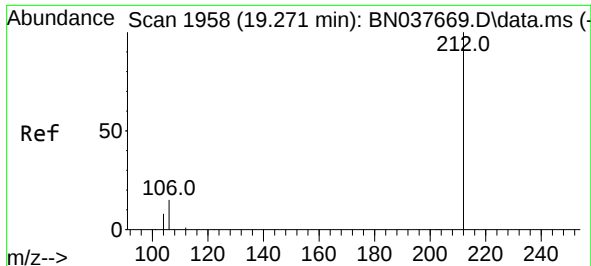
Tgt Ion:178 Resp: 3265
Ion Ratio Lower Upper
178 100
176 19.8 15.3 22.9
179 15.6 12.5 18.7



#26
Anthracene
Concen: 0.100 ng
RT: 17.372 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN037685.D
Acq: 10 Sep 2025 15:58

Tgt Ion:178 Resp: 2874
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.9 12.0 18.0

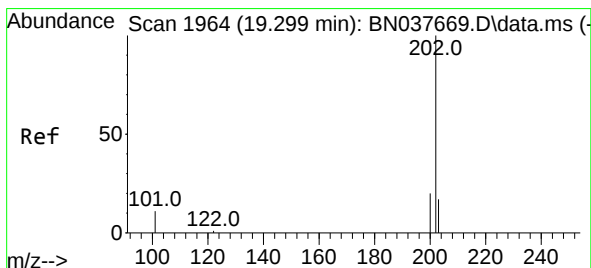
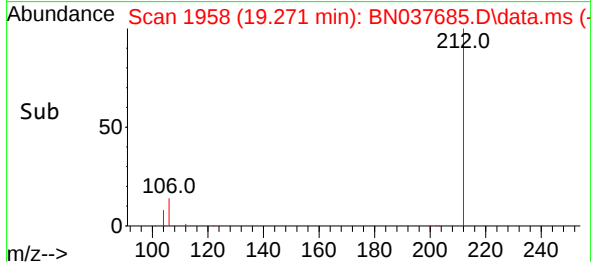
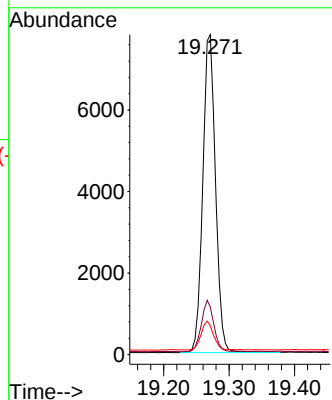
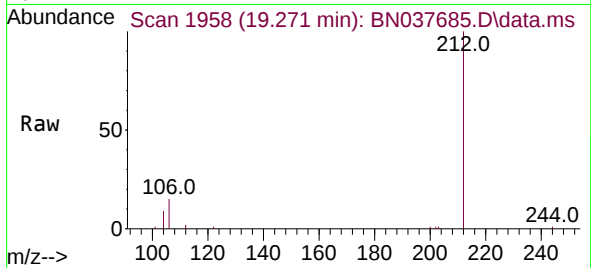




#27
Fluoranthene-d10
Concen: 0.403 ng
RT: 19.271 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BN037685.D
Acq: 10 Sep 2025 15:58

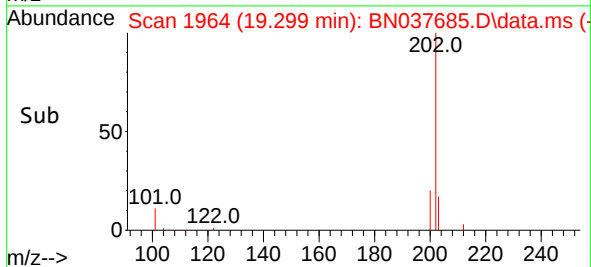
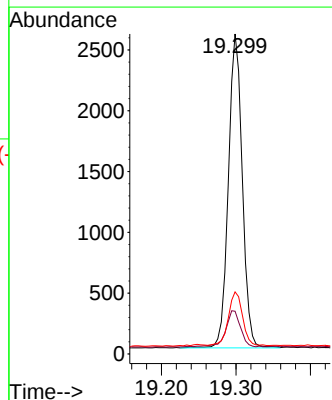
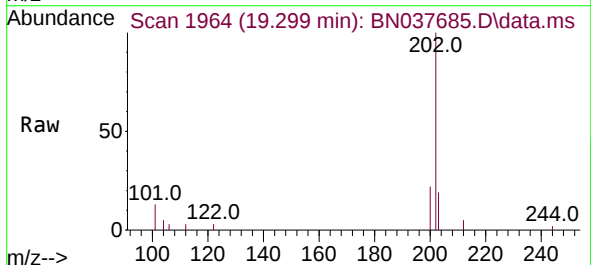
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

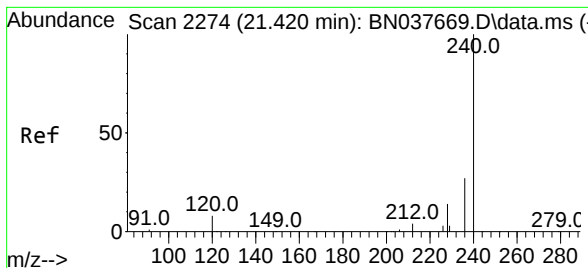
Tgt Ion:212 Resp: 10512
Ion Ratio Lower Upper
212 100
106 15.7 11.8 17.6
104 8.7 6.6 10.0



#28
Fluoranthene
Concen: 0.096 ng
RT: 19.299 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BN037685.D
Acq: 10 Sep 2025 15:58

Tgt Ion:202 Resp: 3346
Ion Ratio Lower Upper
202 100
101 12.4 9.0 13.6
203 17.5 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.420 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037685.D

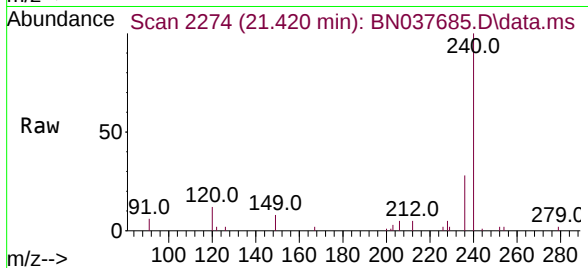
Acq: 10 Sep 2025 15:58

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025



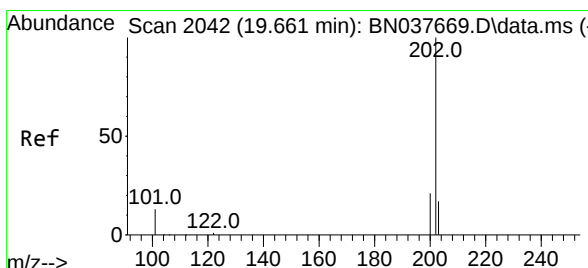
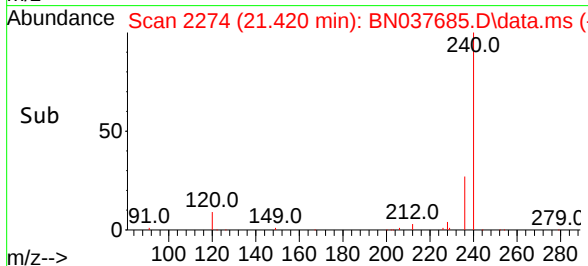
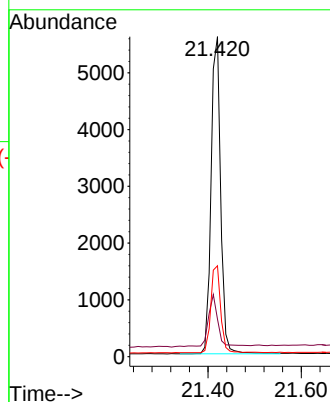
Tgt Ion:240 Resp: 7981

Ion Ratio Lower Upper

240 100

120 11.7 8.5 12.7

236 28.4 22.5 33.7



#30

Pyrene

Concen: 0.103 ng

RT: 19.661 min Scan# 2042

Delta R.T. -0.000 min

Lab File: BN037685.D

Acq: 10 Sep 2025 15:58

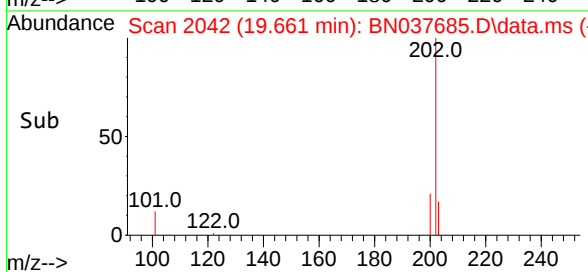
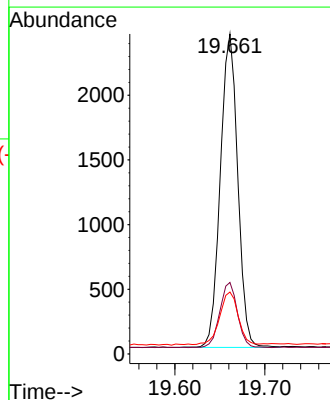
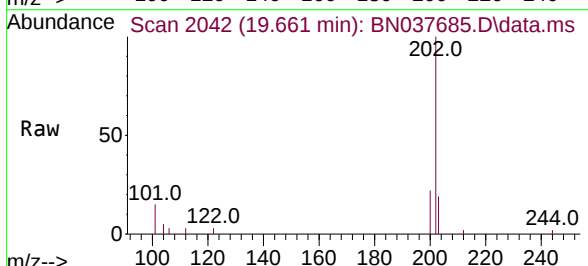
Tgt Ion:202 Resp: 3273

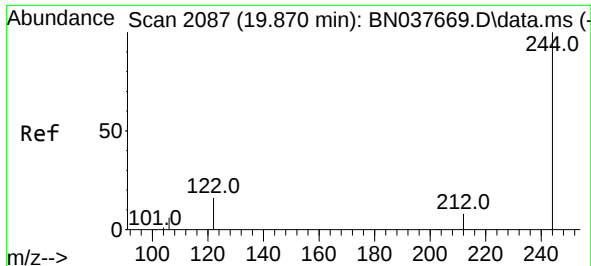
Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

203 17.6 14.3 21.5

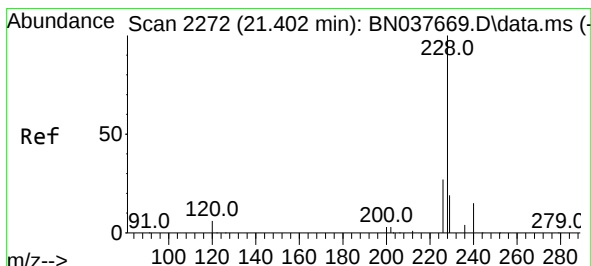
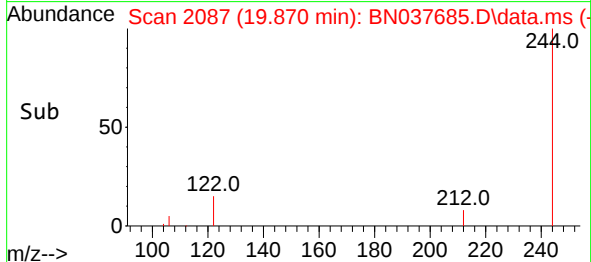
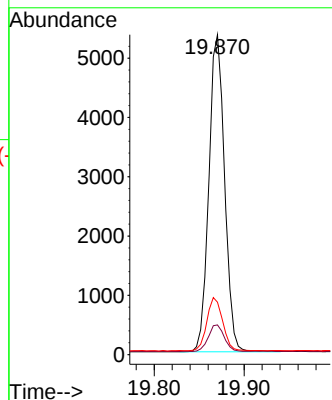
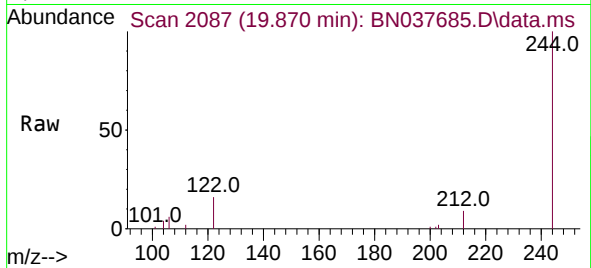




#31
 Terphenyl-d14
 Concen: 0.387 ng
 RT: 19.870 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: BN037685.D
 Acq: 10 Sep 2025 15:58

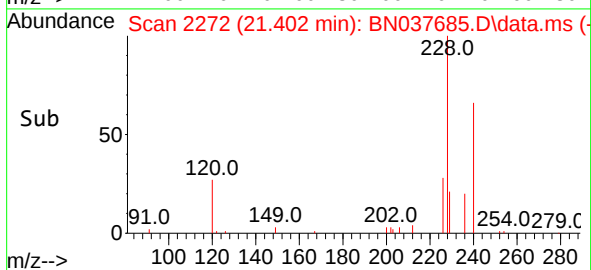
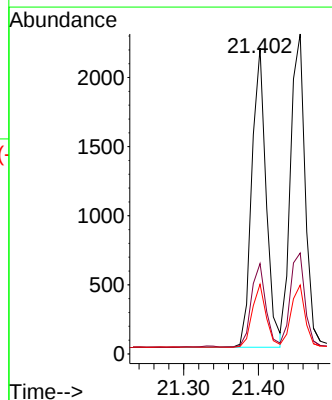
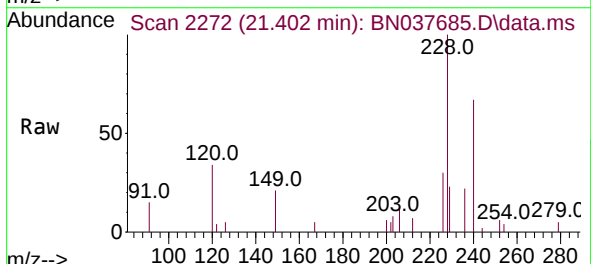
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025

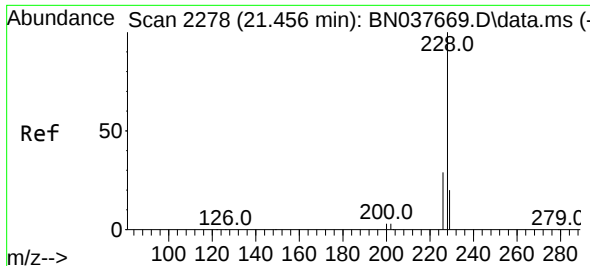
Tgt Ion:244 Resp: 6512
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.0 10.4
 122 16.4 13.4 20.2



#32
 Benzo(a)anthracene
 Concen: 0.101 ng
 RT: 21.402 min Scan# 2272
 Delta R.T. -0.000 min
 Lab File: BN037685.D
 Acq: 10 Sep 2025 15:58

Tgt Ion:228 Resp: 2888
 Ion Ratio Lower Upper
 228 100
 226 29.5 21.8 32.6
 229 22.8 15.8 23.6





#33

Chrysene

Concen: 0.109 ng

RT: 21.456 min Scan# 2278

Delta R.T. -0.000 min

Lab File: BN037685.D

Acq: 10 Sep 2025 15:58

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

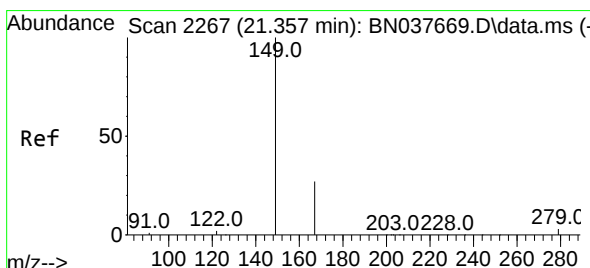
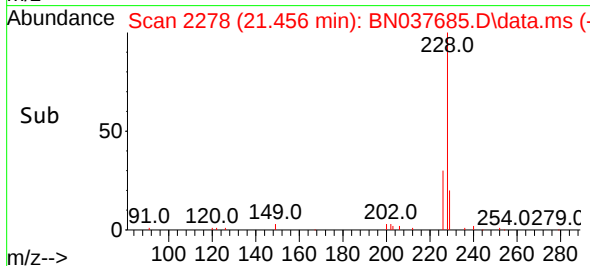
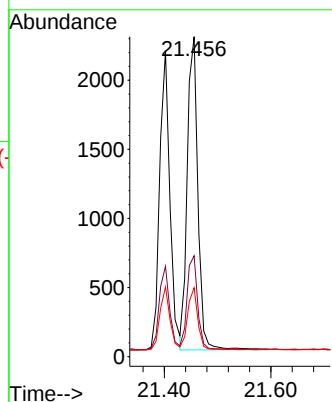
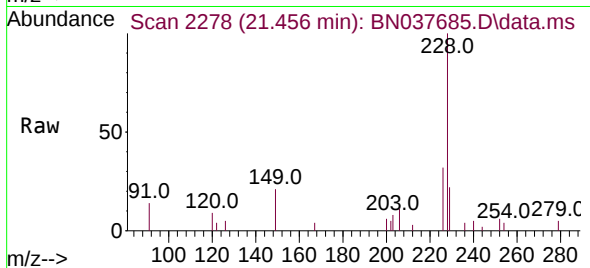
Tgt Ion:228 Resp: 3155

Ion Ratio Lower Upper

228 100

226 31.5 23.5 35.3

229 21.5 16.1 24.1



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.118 ng

RT: 21.348 min Scan# 2266

Delta R.T. -0.009 min

Lab File: BN037685.D

Acq: 10 Sep 2025 15:58

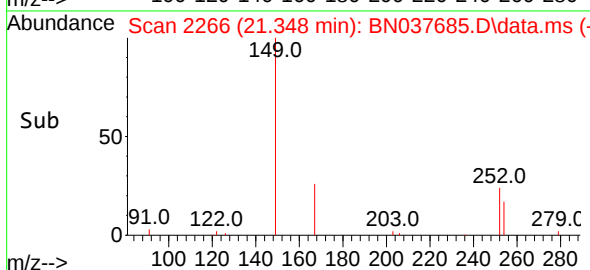
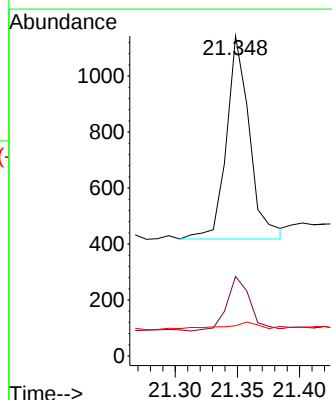
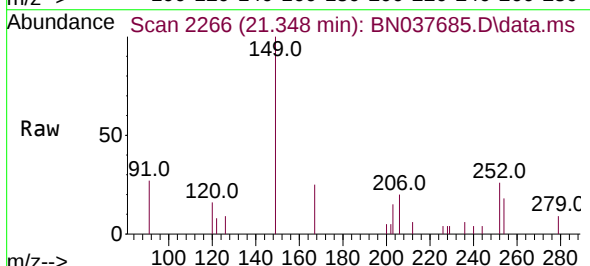
Tgt Ion:149 Resp: 936

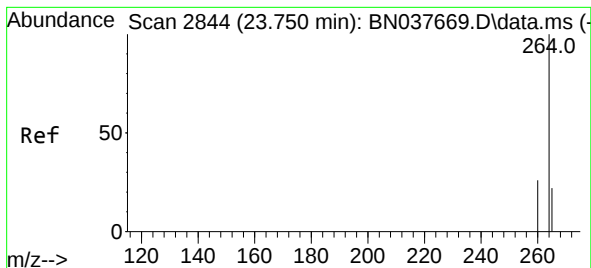
Ion Ratio Lower Upper

149 100

167 27.6 21.4 32.0

279 3.7 2.6 3.8





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.750 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN037685.D

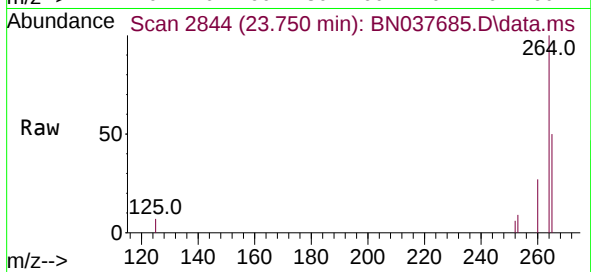
Acq: 10 Sep 2025 15:58

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025



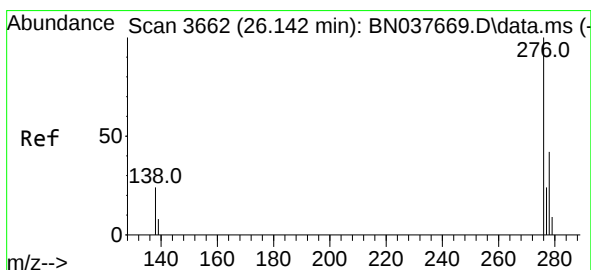
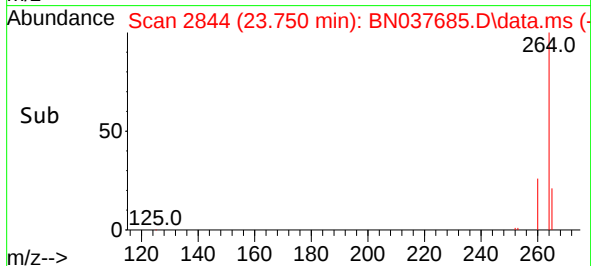
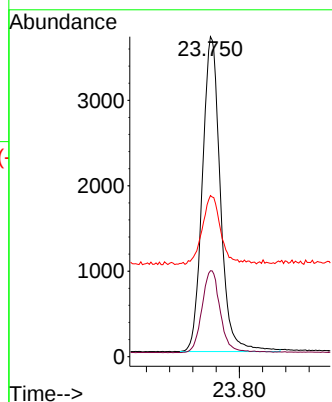
Tgt Ion:264 Resp: 7935

Ion Ratio Lower Upper

264 100

260 26.8 21.2 31.8

265 50.3 28.2 42.4#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.105 ng

RT: 26.139 min Scan# 3661

Delta R.T. -0.003 min

Lab File: BN037685.D

Acq: 10 Sep 2025 15:58

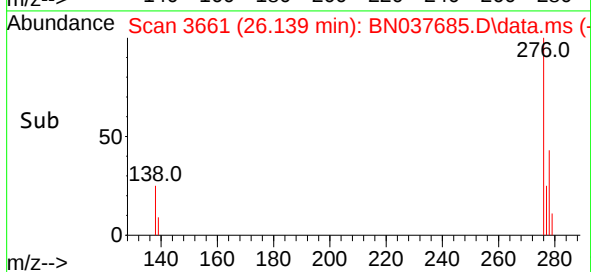
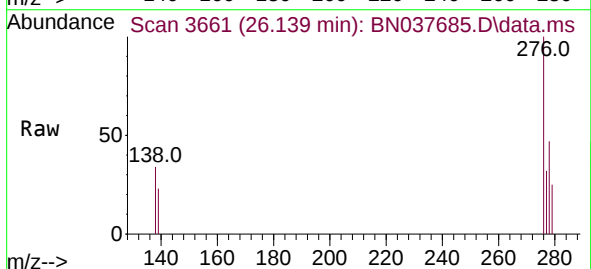
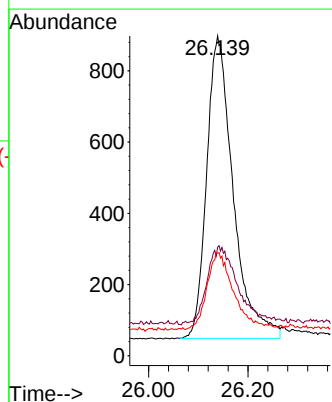
Tgt Ion:276 Resp: 3144

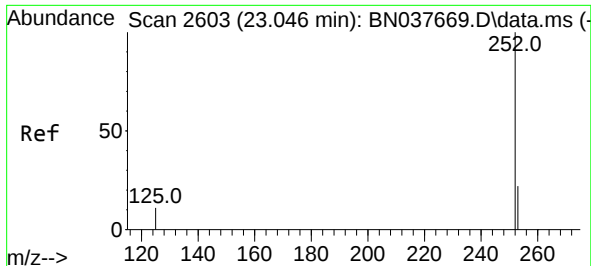
Ion Ratio Lower Upper

276 100

138 27.9 21.3 31.9

277 24.6 20.1 30.1





#37

Benzo(b)fluoranthene

Concen: 0.104 ng

RT: 23.046 min Scan# 2603

Delta R.T. -0.000 min

Lab File: BN037685.D

Acq: 10 Sep 2025 15:58

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

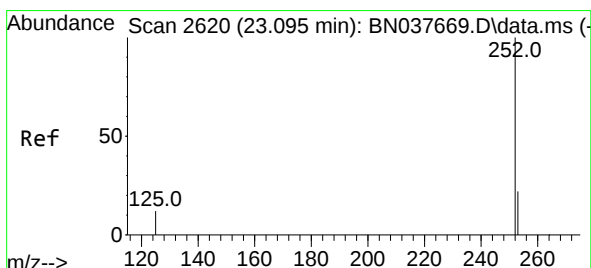
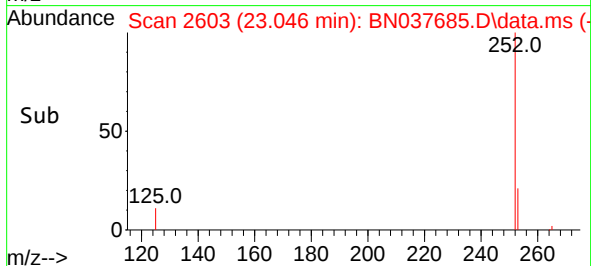
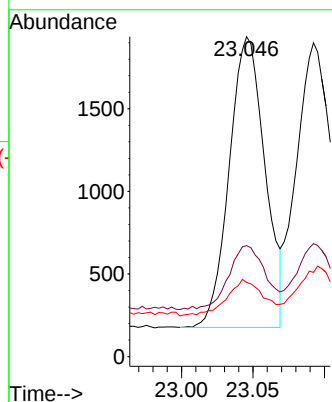
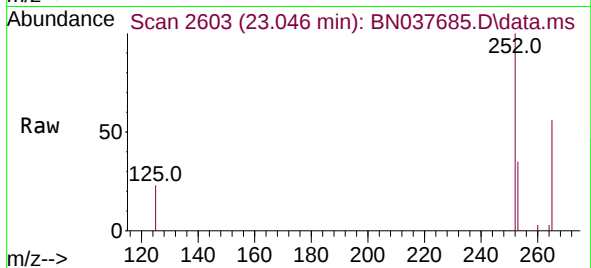
Tgt Ion:252 Resp: 3056

Ion Ratio Lower Upper

252 100

253 34.7 19.7 29.5#

125 23.2 10.2 15.2#



#38

Benzo(k)fluoranthene

Concen: 0.106 ng

RT: 23.092 min Scan# 2619

Delta R.T. -0.003 min

Lab File: BN037685.D

Acq: 10 Sep 2025 15:58

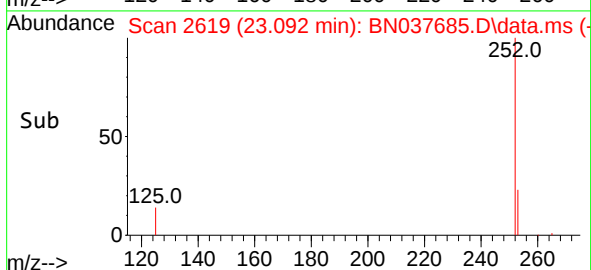
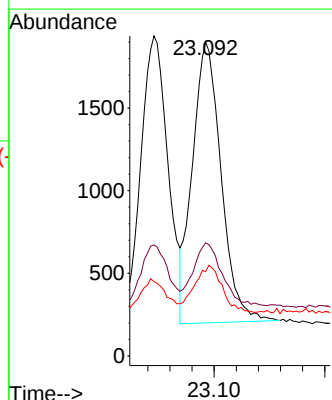
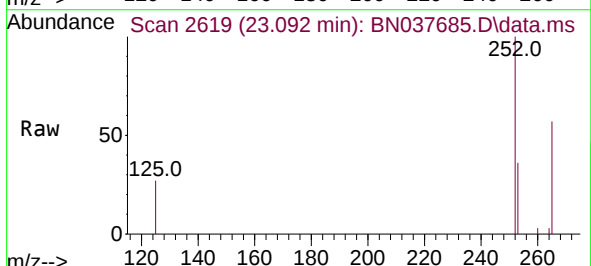
Tgt Ion:252 Resp: 3067

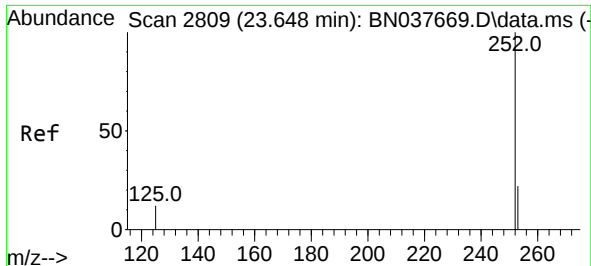
Ion Ratio Lower Upper

252 100

253 36.0 19.9 29.9#

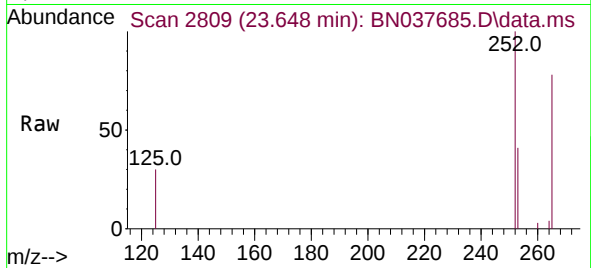
125 26.8 11.4 17.0#



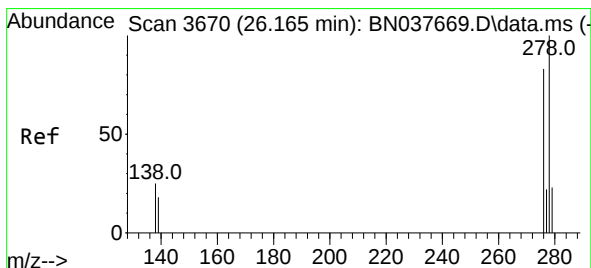
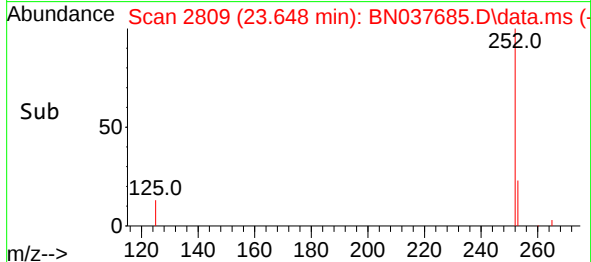
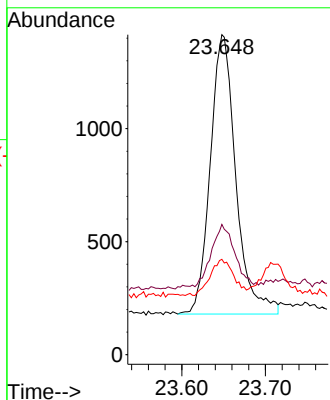


#39
Benzo(a)pyrene
Concen: 0.108 ng
RT: 23.648 min Scan# 2809
Delta R.T. -0.000 min
Lab File: BN037685.D
Acq: 10 Sep 2025 15:58

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

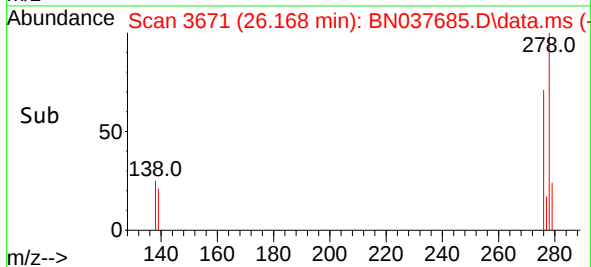
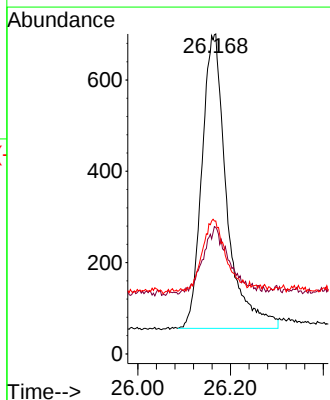
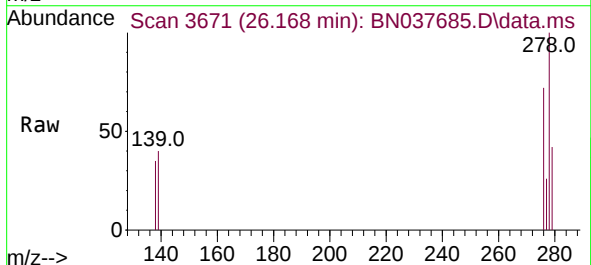


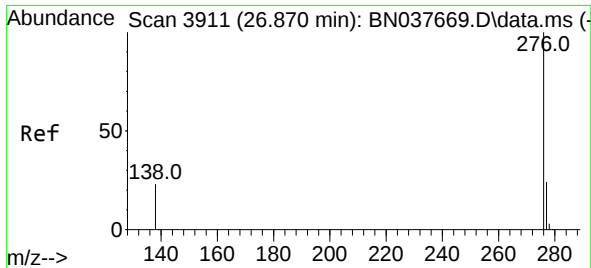
Tgt Ion:252 Resp: 2629
Ion Ratio Lower Upper
252 100
253 40.7 20.7 31.1#
125 29.8 11.9 17.9#



#40
Dibenzo(a,h)anthracene
Concen: 0.106 ng
RT: 26.168 min Scan# 3671
Delta R.T. 0.003 min
Lab File: BN037685.D
Acq: 10 Sep 2025 15:58

Tgt Ion:278 Resp: 2390
Ion Ratio Lower Upper
278 100
139 39.5 19.1 28.7#
279 41.5 20.9 31.3#





#41

Benzo(g,h,i)perylene

Concen: 0.105 ng

RT: 26.864 min Scan# 3911

Delta R.T. -0.006 min

Lab File: BN037685.D

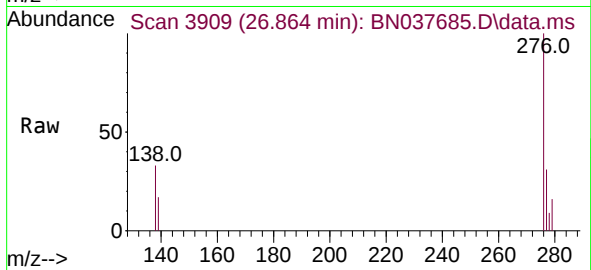
Acq: 10 Sep 2025 15:58

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:276 Resp: 2852

Ion Ratio Lower Upper

276 100

277 30.5 19.9 29.9#

138 32.6 20.5 30.7#

