

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071025\
 Data File : BN037456.D
 Acq On : 10 Jul 2025 13:53
 Operator : RC/JU
 Sample : Q2126-02
 Misc : LOQ-SOIL -0.2ng
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Quant Time: Jul 10 14:20:58 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

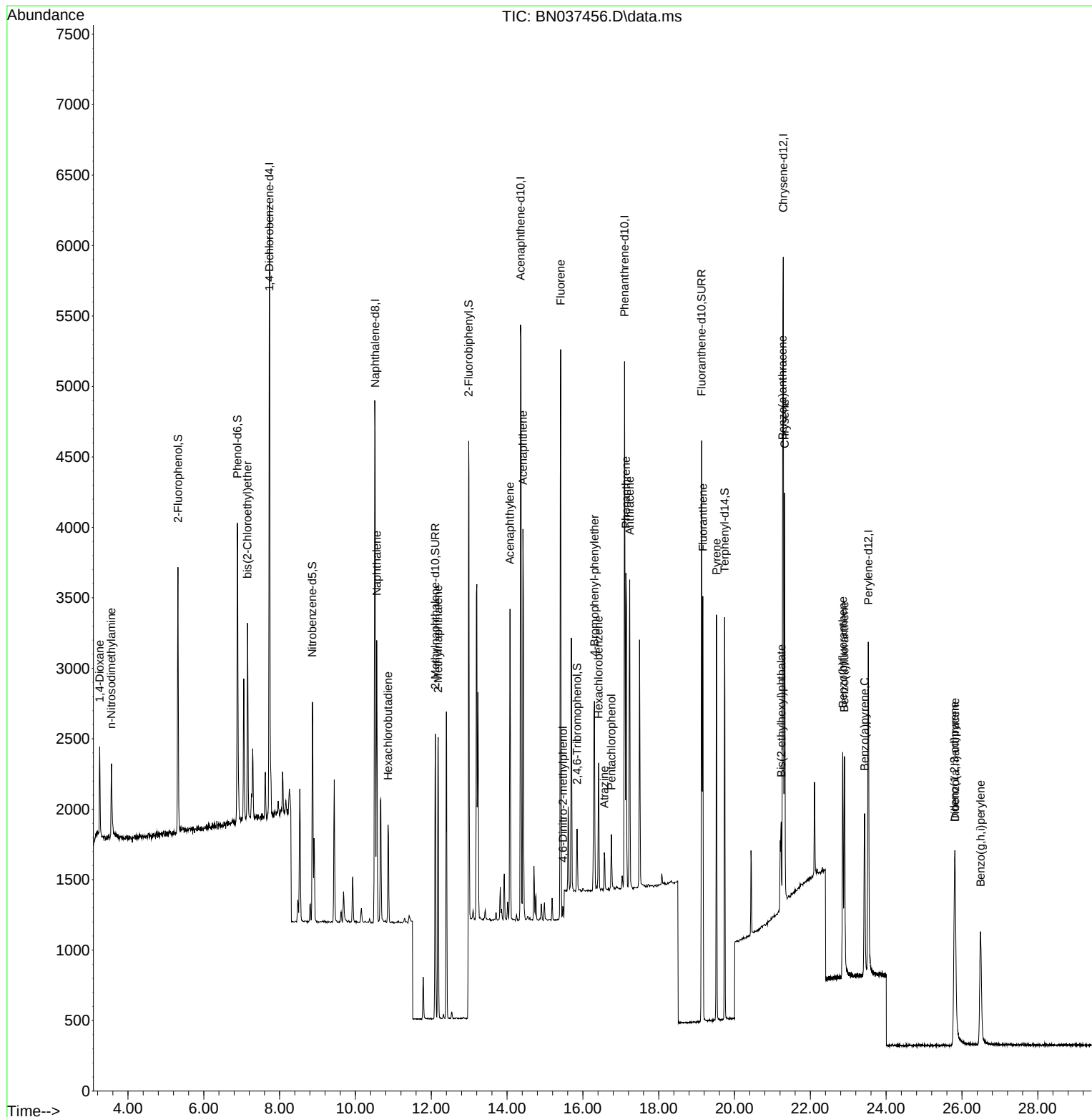
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	2039	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	5127	0.400	ng	# 0.00
13) Acenaphthene-d10	14.355	164	2558	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	4737	0.400	ng	#-0.01
29) Chrysene-d12	21.286	240	3544	0.400	ng	# 0.00
35) Perylene-d12	23.531	264	3178	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	1498	0.273	ng	0.00
5) Phenol-d6	6.887	99	1888	0.280	ng	0.00
8) Nitrobenzene-d5	8.865	82	1232	0.357	ng	-0.01
11) 2-Methylnaphthalene-d10	12.106	152	2721	0.380	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	256	0.245	ng	-0.01
15) 2-Fluorobiphenyl	12.988	172	4387	0.311	ng	0.00
27) Fluoranthene-d10	19.132	212	4481	0.368	ng	0.00
31) Terphenyl-d14	19.740	244	2739	0.367	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.254	88	427	0.216	ng	# 85
3) n-Nitrosodimethylamine	3.557	42	416	0.179	ng	# 72
6) bis(2-Chloroethyl)ether	7.154	93	969	0.179	ng	91
9) Naphthalene	10.562	128	2485	0.181	ng	96
10) Hexachlorobutadiene	10.861	225	586	0.209	ng	# 98
12) 2-Methylnaphthalene	12.182	142	1426	0.161	ng	98
16) Acenaphthylene	14.078	152	2256	0.188	ng	99
17) Acenaphthene	14.420	154	1370	0.177	ng	95
18) Fluorene	15.414	166	1704	0.176	ng	96
20) 4,6-Dinitro-2-methylph...	15.478	198	67	0.178	ng	# 78
21) 4-Bromophenyl-phenylether	16.305	248	517	0.168	ng	# 84
22) Hexachlorobenzene	16.416	284	702	0.188	ng	91
23) Atrazine	16.565	200	241	0.147	ng	# 86
24) Pentachlorophenol	16.751	266	195	0.121	ng	91
25) Phenanthrene	17.136	178	2574	0.180	ng	98
26) Anthracene	17.235	178	2338	0.174	ng	99
28) Fluoranthene	19.164	202	2642	0.165	ng	99
30) Pyrene	19.527	202	2591	0.178	ng	99
32) Benzo(a)anthracene	21.268	228	2147	0.170	ng	98
33) Chrysene	21.322	228	2328	0.181	ng	97
34) Bis(2-ethylhexyl)phtha...	21.232	149	607	0.217	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.803	276	1997	0.168	ng	95
37) Benzo(b)fluoranthene	22.856	252	1993	0.172	ng	# 90
38) Benzo(k)fluoranthene	22.899	252	2064	0.177	ng	# 89
39) Benzo(a)pyrene	23.429	252	1774	0.184	ng	# 89
40) Dibenzo(a,h)anthracene	25.820	278	1521	0.159	ng	# 91
41) Benzo(g,h,i)perylene	26.490	276	1819	0.177	ng	# 93

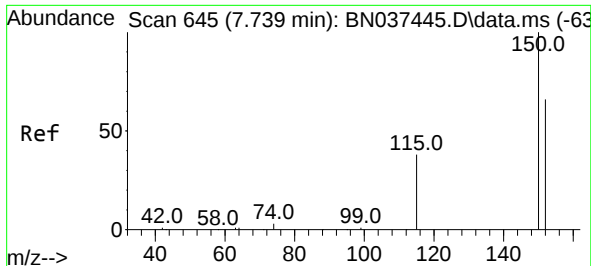
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Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071025\
Data File : BN037456.D
Acq On : 10 Jul 2025 13:53
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Sample : Q2126-02
Misc : LOQ-SOIL -0.2ng
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2025

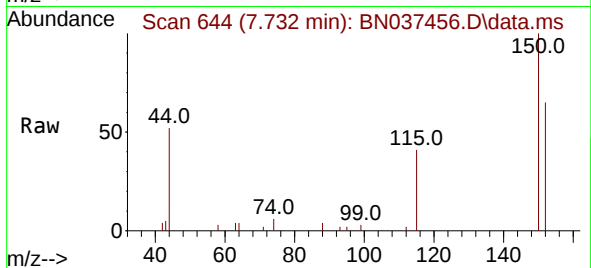
Quant Time: Jul 10 14:20:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 10 00:48:38 2025
Response via : Initial Calibration



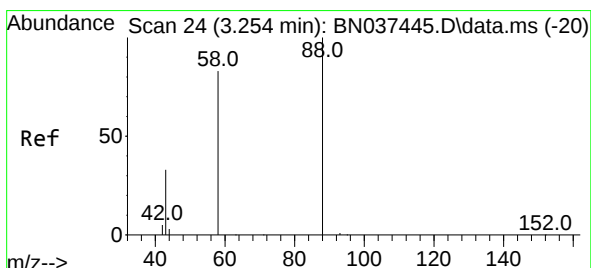
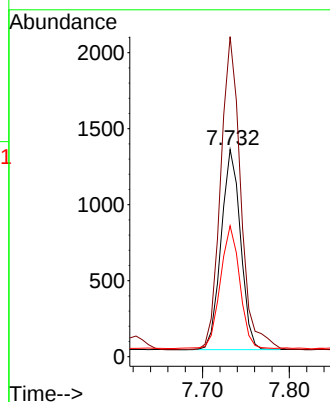
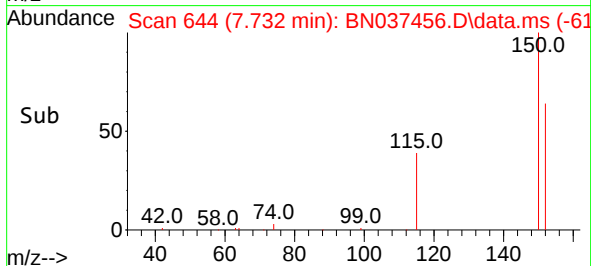


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.732 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN037456.D
 Acq: 10 Jul 2025 13:53

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

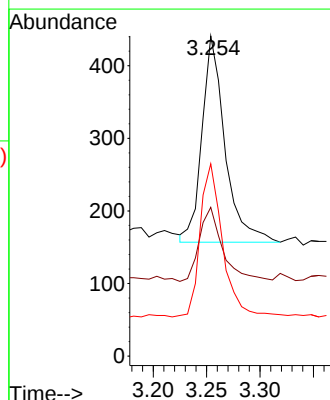
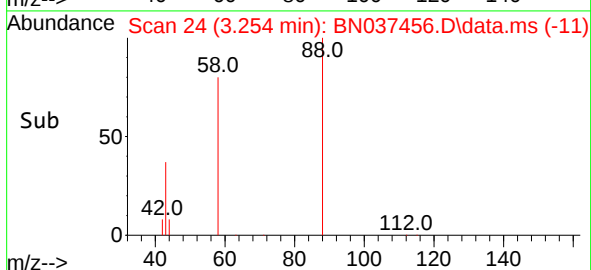
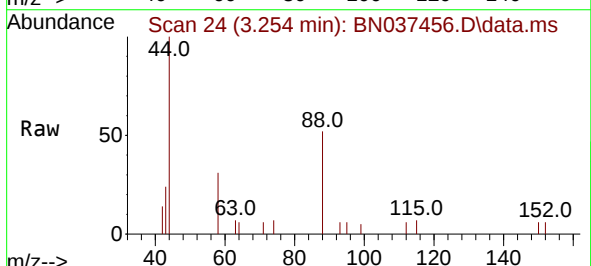


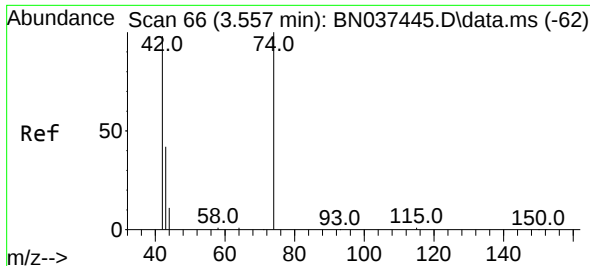
Tgt Ion:152 Resp: 2039
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.6 186.8
 115 63.2 50.4 75.6



#2
 1,4-Dioxane
 Concen: 0.216 ng
 RT: 3.254 min Scan# 24
 Delta R.T. -0.007 min
 Lab File: BN037456.D
 Acq: 10 Jul 2025 13:53

Tgt Ion: 88 Resp: 427
 Ion Ratio Lower Upper
 88 100
 43 36.5 37.4 56.2#
 58 72.6 69.3 103.9

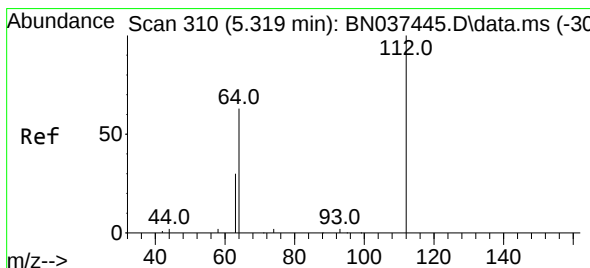
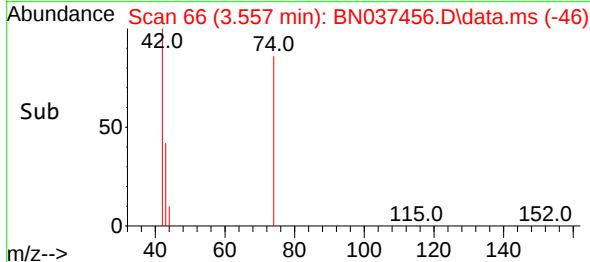
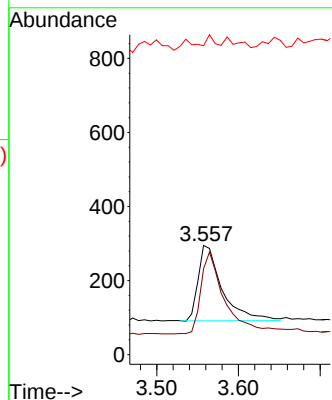
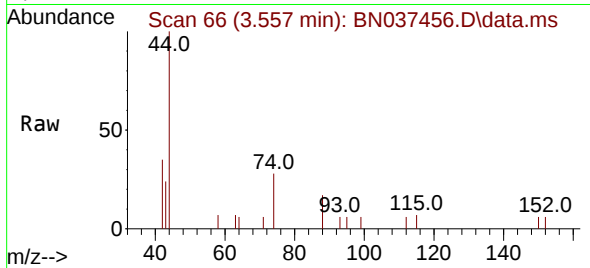




#3
 n-Nitrosodimethylamine
 Concen: 0.179 ng
 RT: 3.557 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN037456.D
 Acq: 10 Jul 2025 13:53

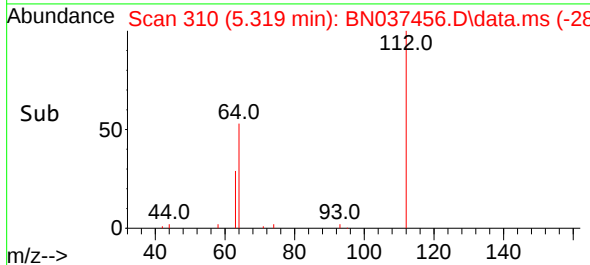
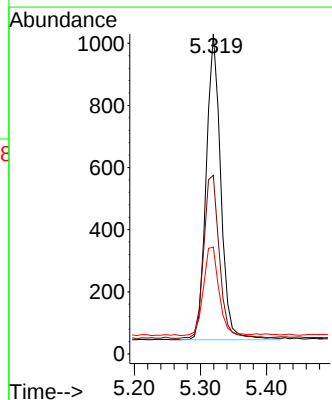
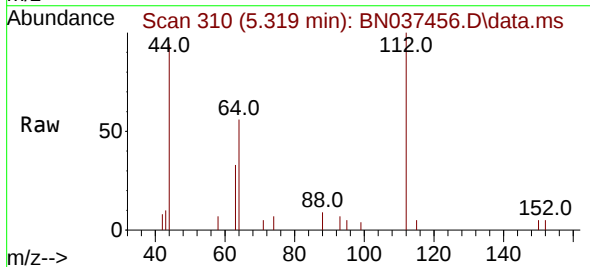
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

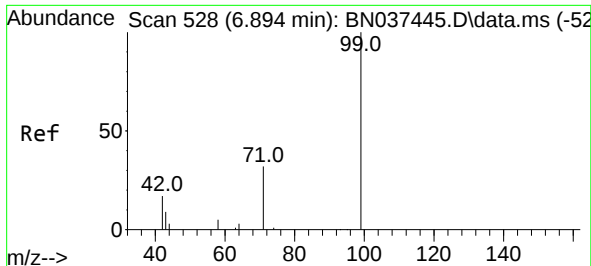
Tgt Ion: 42 Resp: 416
 Ion Ratio Lower Upper
 42 100
 74 113.7 69.9 104.9#
 44 7.2 0.0 0.0#



#4
 2-Fluorophenol
 Concen: 0.273 ng
 RT: 5.319 min Scan# 310
 Delta R.T. -0.007 min
 Lab File: BN037456.D
 Acq: 10 Jul 2025 13:53

Tgt Ion: 112 Resp: 1498
 Ion Ratio Lower Upper
 112 100
 64 57.8 49.4 74.2
 63 31.0 27.2 40.8

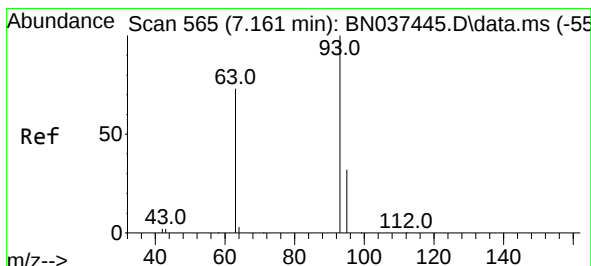
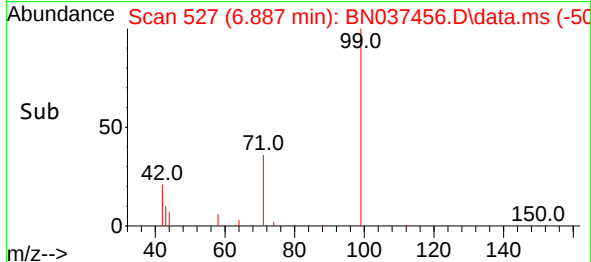
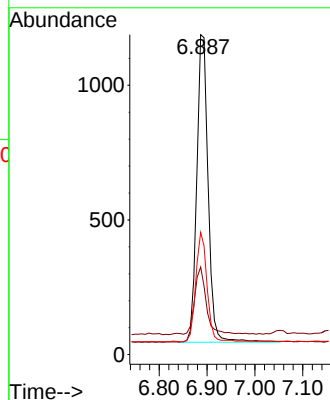
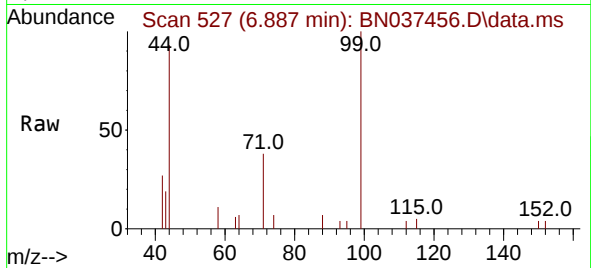




#5
Phenol-d6
Concen: 0.280 ng
RT: 6.887 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN037456.D
Acq: 10 Jul 2025 13:53

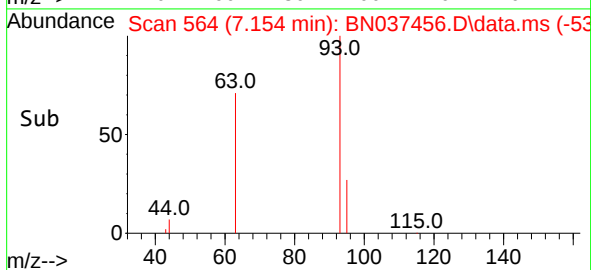
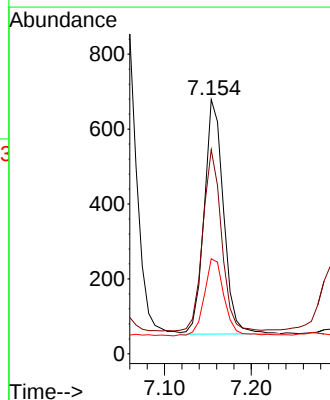
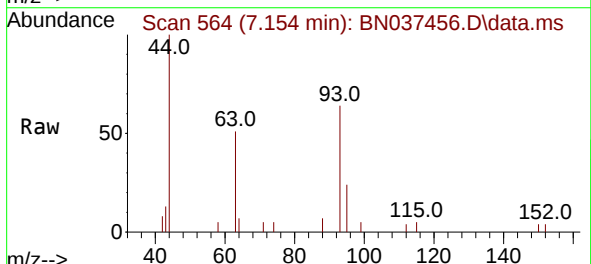
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2025

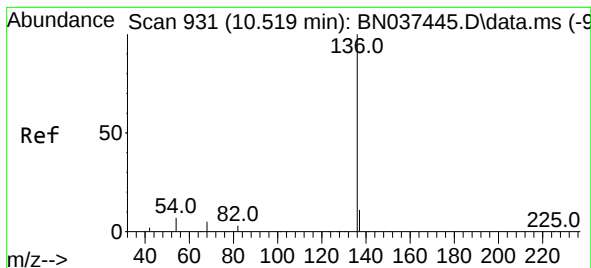
Tgt Ion: 99 Resp: 1888
Ion Ratio Lower Upper
99 100
42 21.9 22.5 33.7#
71 35.2 27.8 41.6



#6
bis(2-Chloroethyl)ether
Concen: 0.179 ng
RT: 7.154 min Scan# 564
Delta R.T. -0.007 min
Lab File: BN037456.D
Acq: 10 Jul 2025 13:53

Tgt Ion: 93 Resp: 969
Ion Ratio Lower Upper
93 100
63 75.5 69.0 103.6
95 34.3 26.3 39.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.520 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN037456.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2025

Tgt Ion:136 Resp: 5127

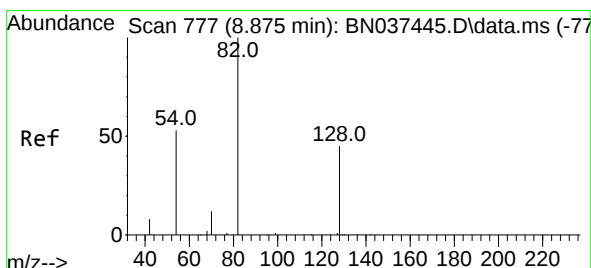
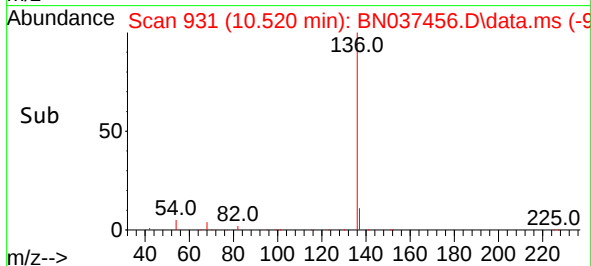
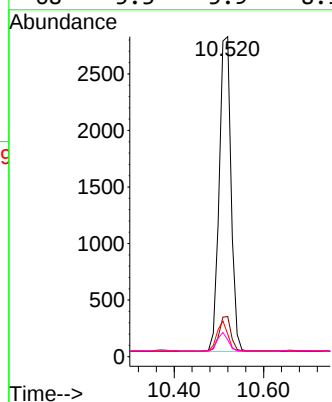
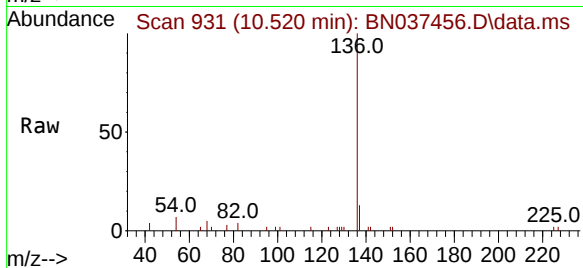
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 7.0 8.8 13.2#

68 5.3 5.9 8.9#



#8

Nitrobenzene-d5

Concen: 0.357 ng

RT: 8.865 min Scan# 776

Delta R.T. -0.011 min

Lab File: BN037456.D

Acq: 10 Jul 2025 13:53

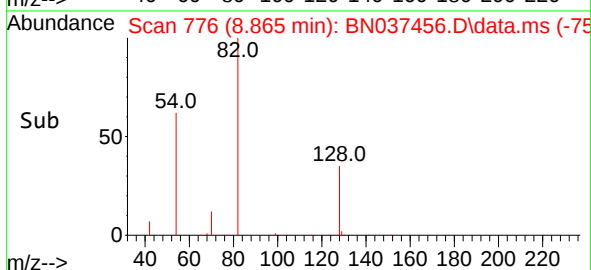
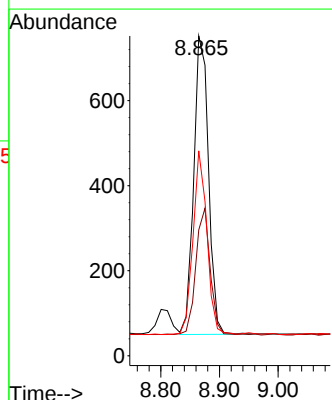
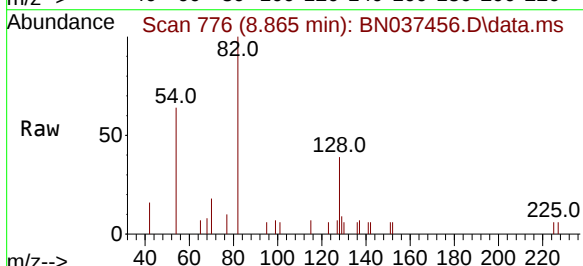
Tgt Ion: 82 Resp: 1232

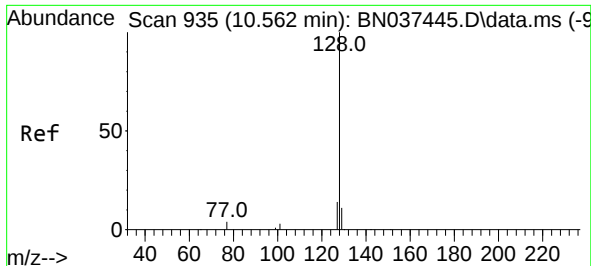
Ion Ratio Lower Upper

82 100

128 39.4 31.4 47.0

54 64.1 51.3 76.9

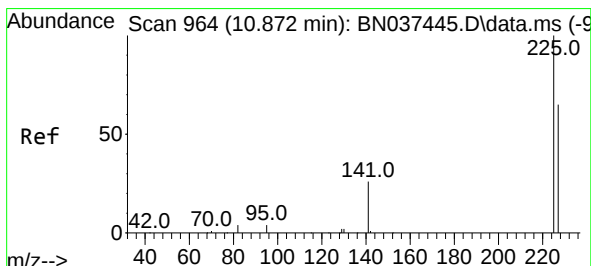
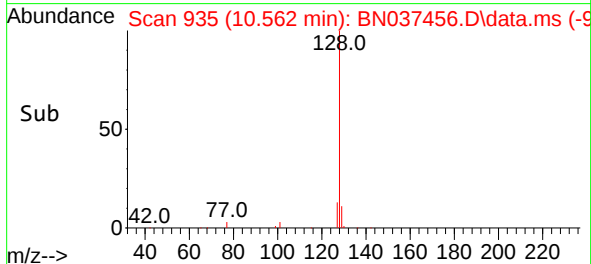
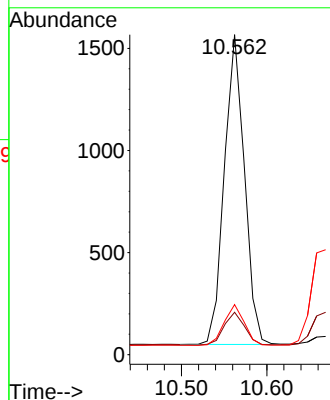
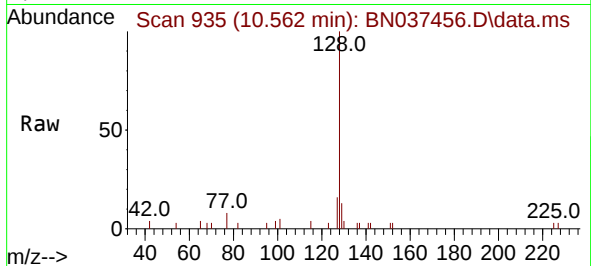




#9
Naphthalene
Concen: 0.181 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037456.D
Acq: 10 Jul 2025 13:53

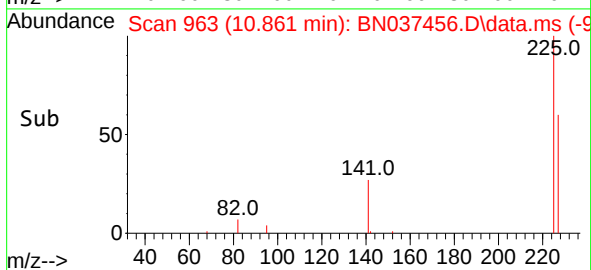
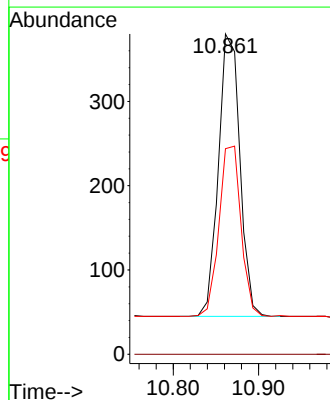
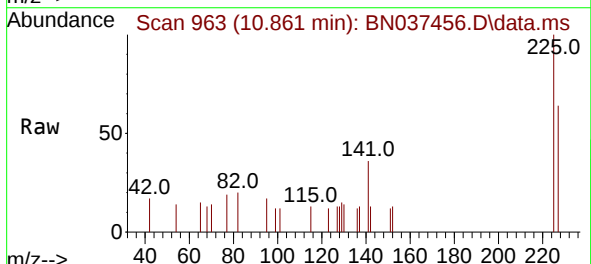
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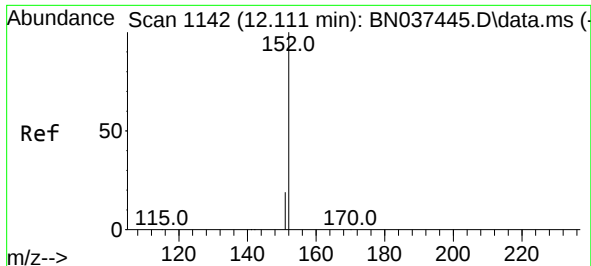
Tgt Ion:	128	Resp:	2485
Ion Ratio	Lower	Upper	
128	100		
129	13.3	9.3	13.9
127	15.6	11.1	16.7



#10
Hexachlorobutadiene
Concen: 0.209 ng
RT: 10.861 min Scan# 963
Delta R.T. -0.011 min
Lab File: BN037456.D
Acq: 10 Jul 2025 13:53

Tgt Ion:	225	Resp:	586
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	61.9	51.0	76.6

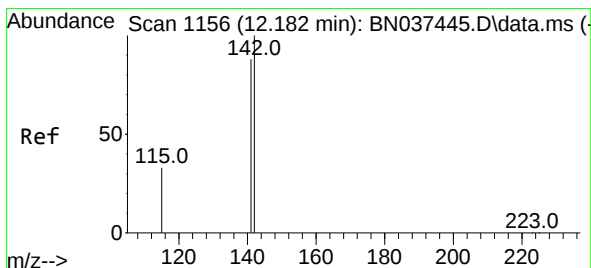
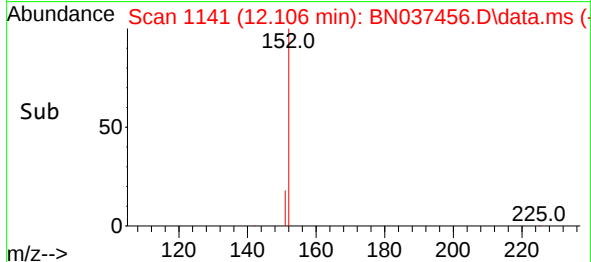
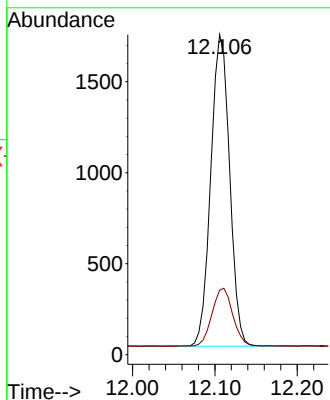
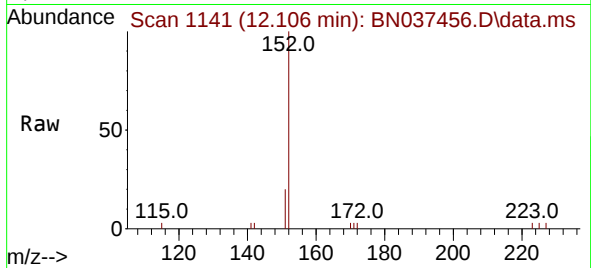




#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.010 min
Lab File: BN037456.D
Acq: 10 Jul 2025 13:53

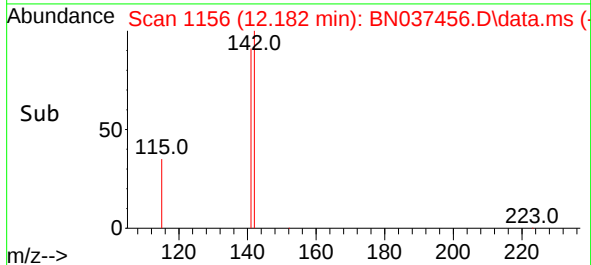
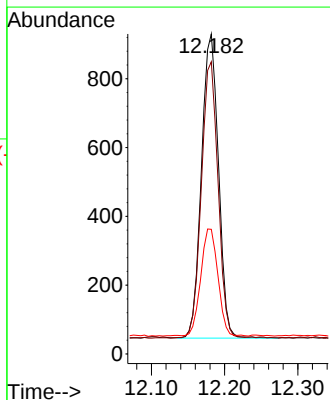
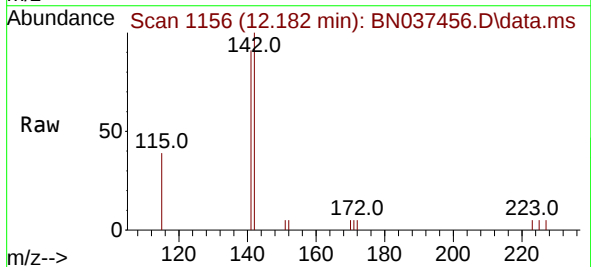
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2025

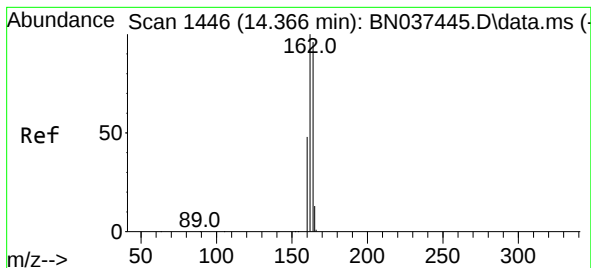
Tgt Ion:152 Resp: 2721
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.161 ng
RT: 12.182 min Scan# 1156
Delta R.T. -0.005 min
Lab File: BN037456.D
Acq: 10 Jul 2025 13:53

Tgt Ion:142 Resp: 1426
Ion Ratio Lower Upper
142 100
141 91.3 70.5 105.7
115 38.9 31.3 46.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.355 min Scan# 1445

Delta R.T. -0.011 min

Lab File: BN037456.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2025

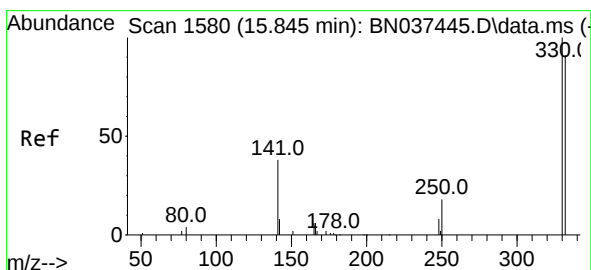
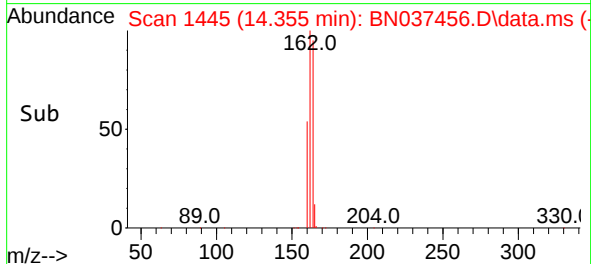
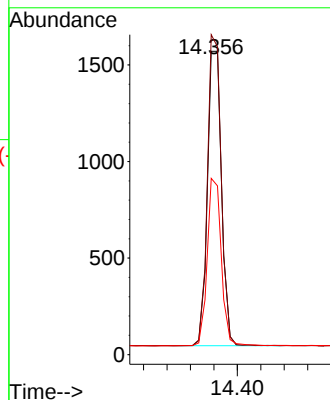
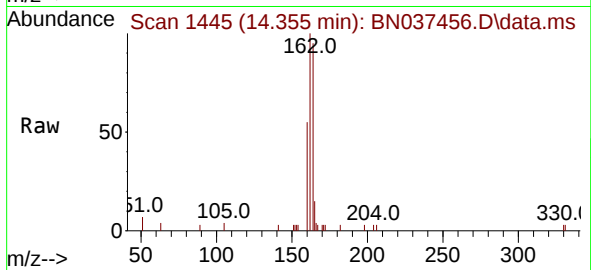
Tgt Ion:164 Resp: 2558

Ion Ratio Lower Upper

164 100

162 105.5 82.7 124.1

160 58.1 55.0 82.4



#14

2,4,6-Tribromophenol

Concen: 0.245 ng

RT: 15.845 min Scan# 1580

Delta R.T. -0.012 min

Lab File: BN037456.D

Acq: 10 Jul 2025 13:53

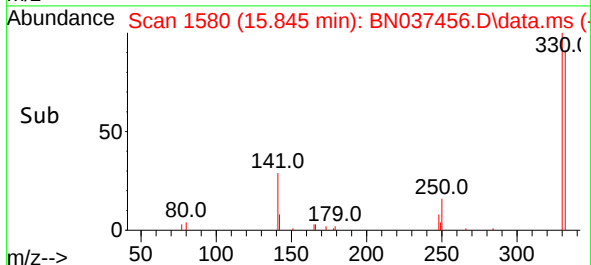
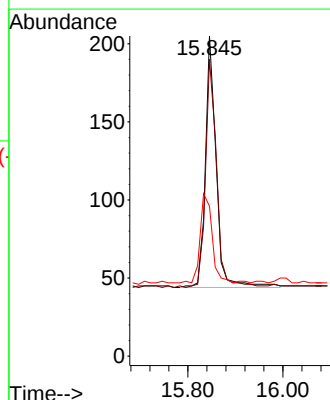
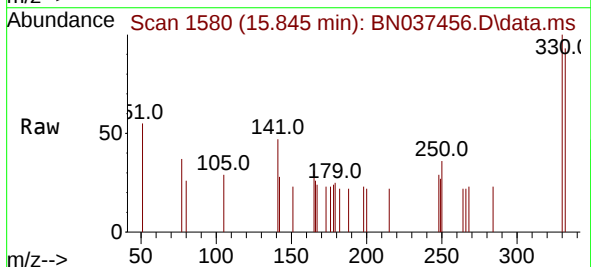
Tgt Ion:330 Resp: 256

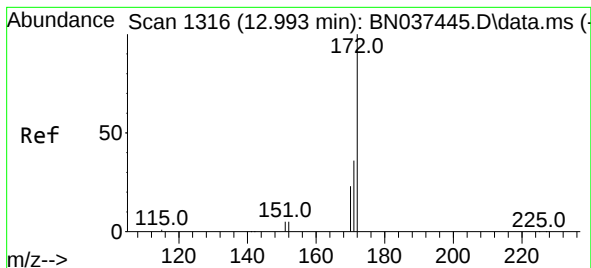
Ion Ratio Lower Upper

330 100

332 93.4 75.3 112.9

141 39.1 38.7 58.1





#15

2-Fluorobiphenyl

Concen: 0.311 ng

RT: 12.988 min Scan# 1315

Delta R.T. -0.010 min

Lab File: BN037456.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2025

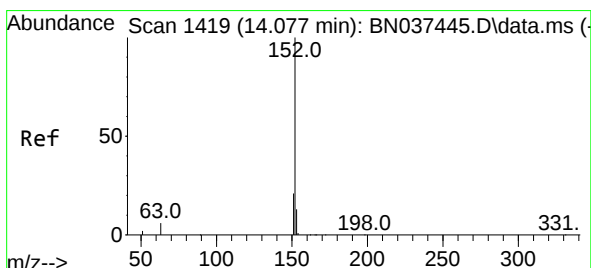
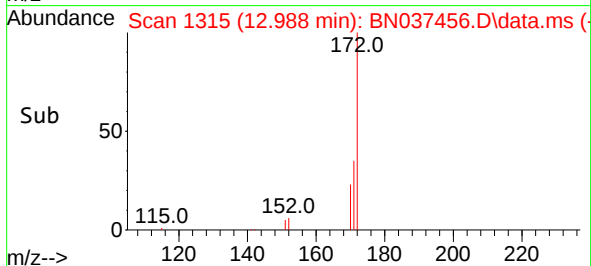
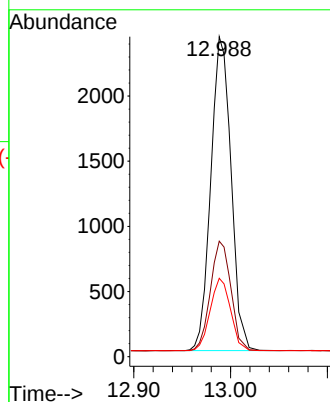
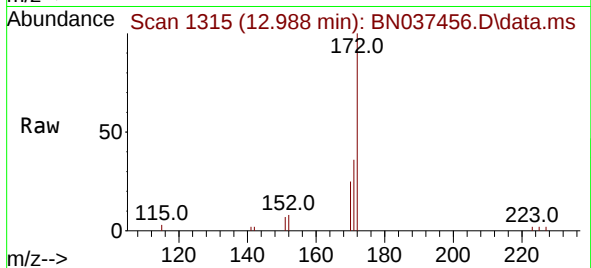
Tgt Ion:172 Resp: 4387

Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 24.5 18.7 28.1



#16

Acenaphthylene

Concen: 0.188 ng

RT: 14.078 min Scan# 1419

Delta R.T. -0.011 min

Lab File: BN037456.D

Acq: 10 Jul 2025 13:53

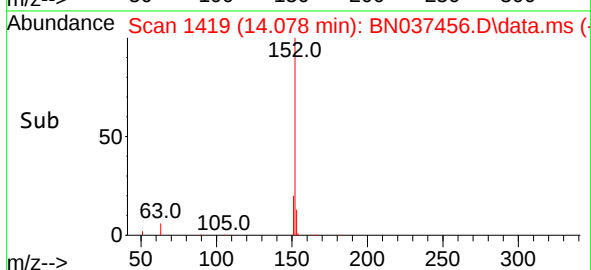
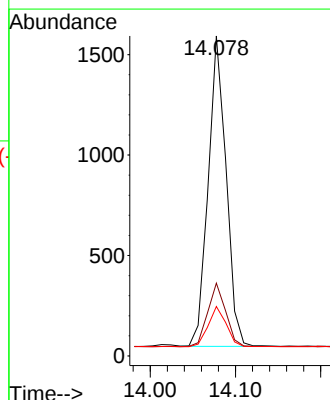
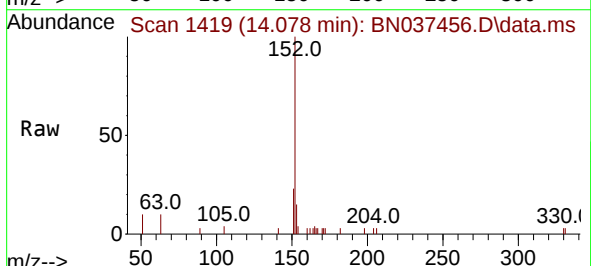
Tgt Ion:152 Resp: 2256

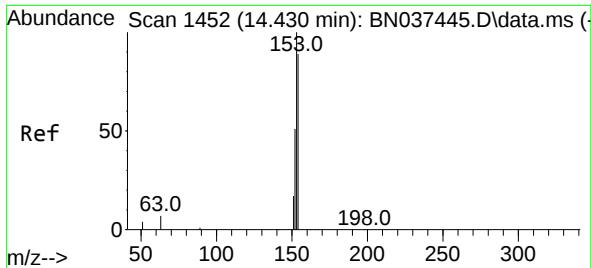
Ion Ratio Lower Upper

152 100

151 20.7 16.1 24.1

153 13.2 10.6 16.0

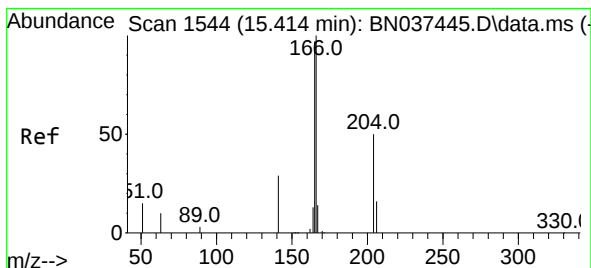
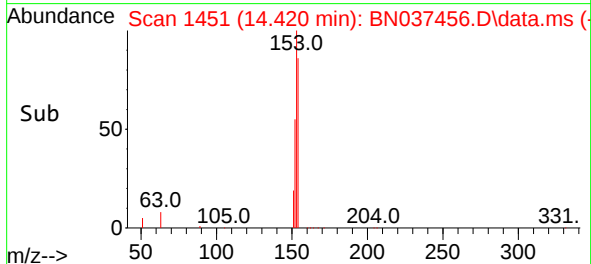
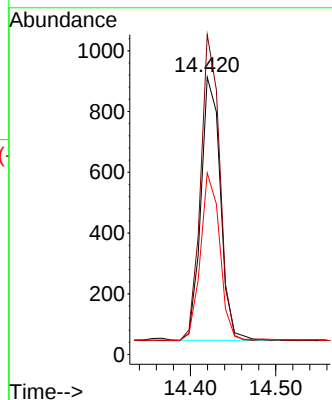
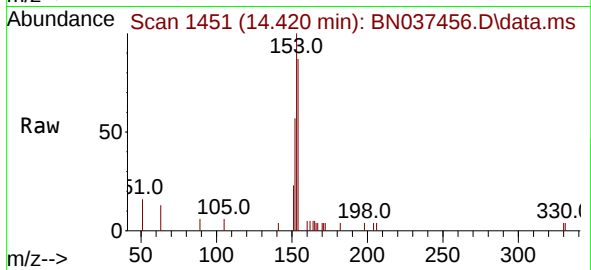




#17
Acenaphthene
Concen: 0.177 ng
RT: 14.420 min Scan# 1452
Delta R.T. -0.011 min
Lab File: BN037456.D
Acq: 10 Jul 2025 13:53

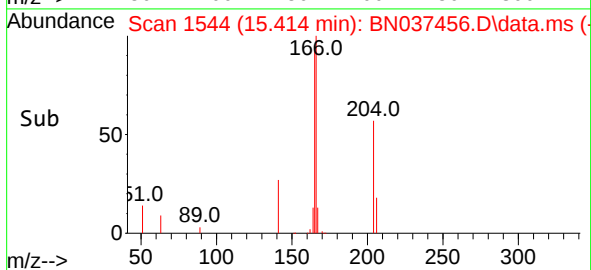
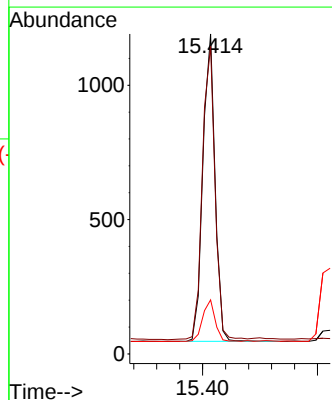
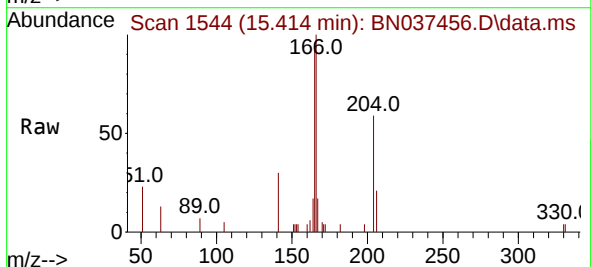
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2025

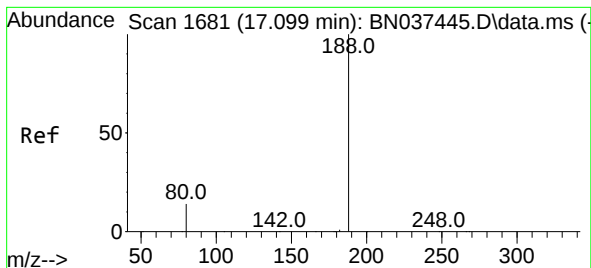
Tgt Ion:154 Resp: 1370
Ion Ratio Lower Upper
154 100
153 113.2 90.7 136.1
152 62.8 58.9 88.3



#18
Fluorene
Concen: 0.176 ng
RT: 15.414 min Scan# 1544
Delta R.T. 0.000 min
Lab File: BN037456.D
Acq: 10 Jul 2025 13:53

Tgt Ion:166 Resp: 1704
Ion Ratio Lower Upper
166 100
165 97.5 81.8 122.8
167 13.8 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.099 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN037456.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2025

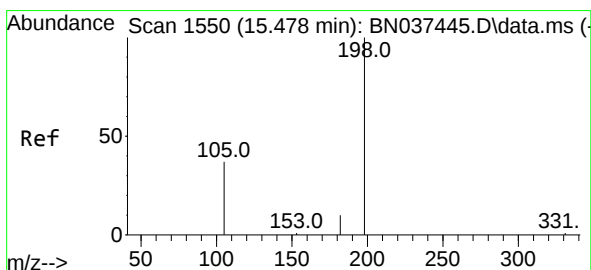
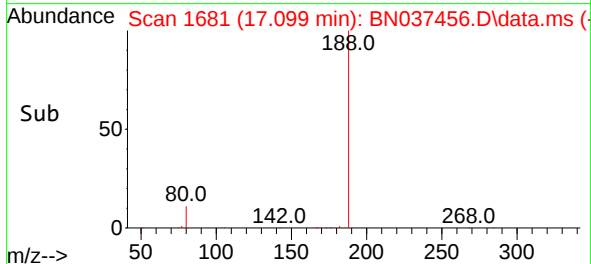
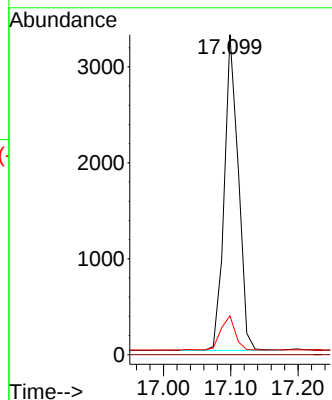
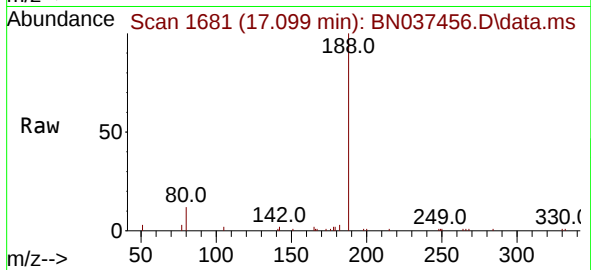
Tgt Ion:188 Resp: 4737

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.1 7.8 11.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.178 ng

RT: 15.478 min Scan# 1550

Delta R.T. 0.000 min

Lab File: BN037456.D

Acq: 10 Jul 2025 13:53

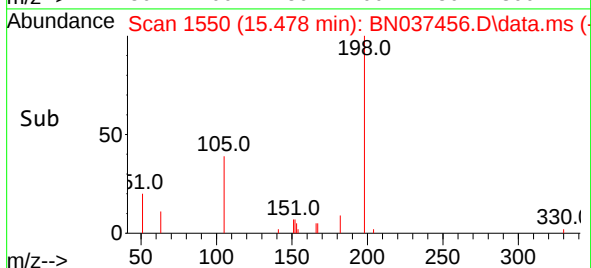
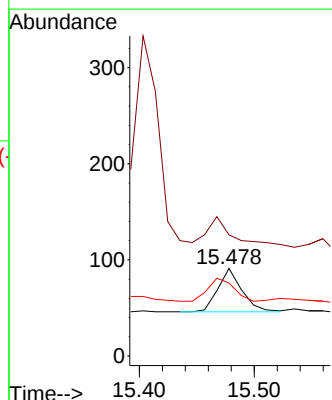
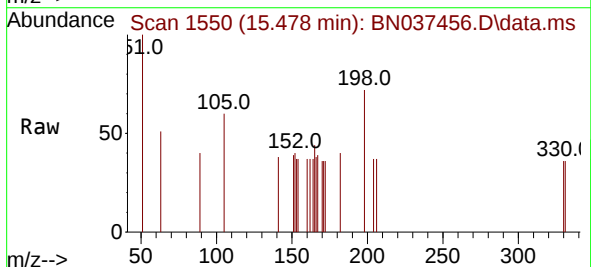
Tgt Ion:198 Resp: 67

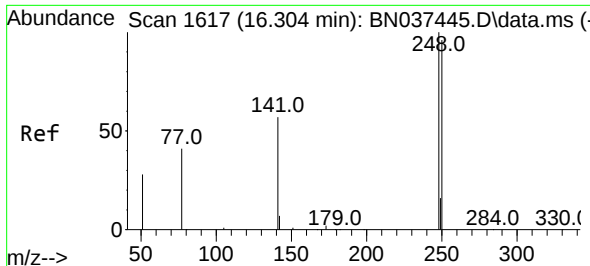
Ion Ratio Lower Upper

198 100

51 138.5 145.5 218.3#

105 83.5 64.2 96.4

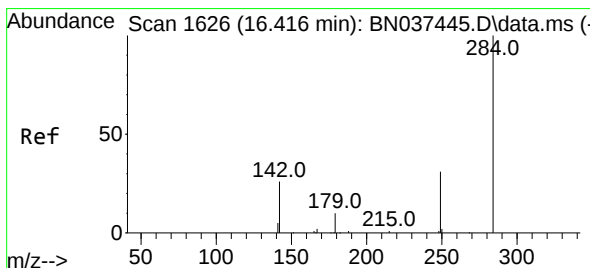
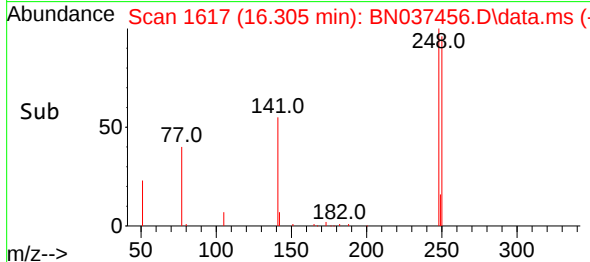
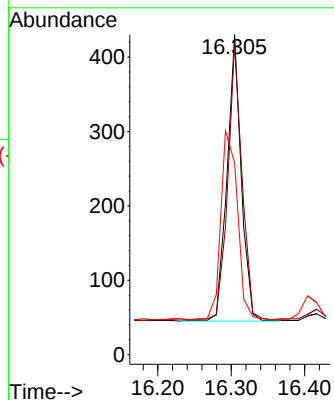
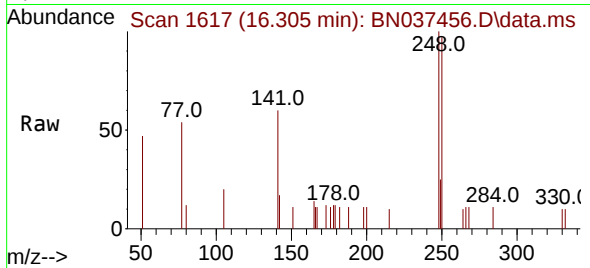




#21
4-Bromophenyl-phenylether
Concen: 0.168 ng
RT: 16.305 min Scan# 1617
Delta R.T. -0.012 min
Lab File: BN037456.D
Acq: 10 Jul 2025 13:53

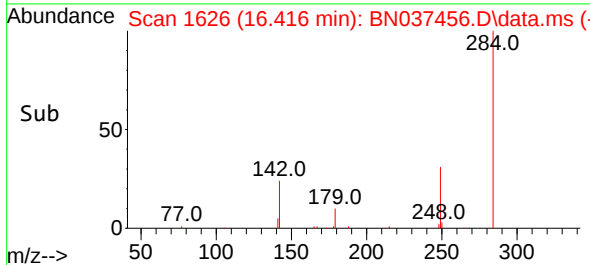
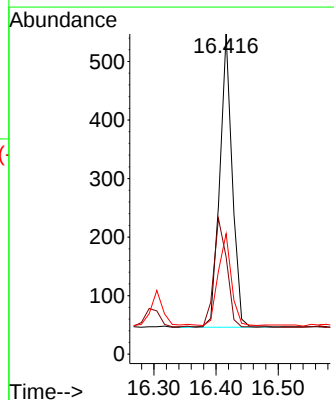
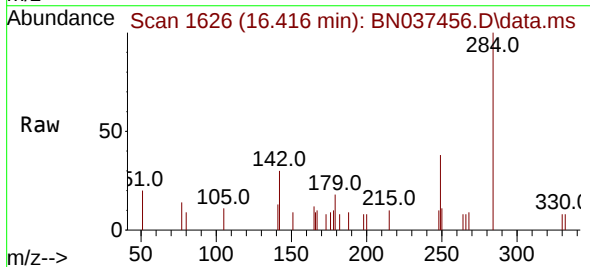
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2025

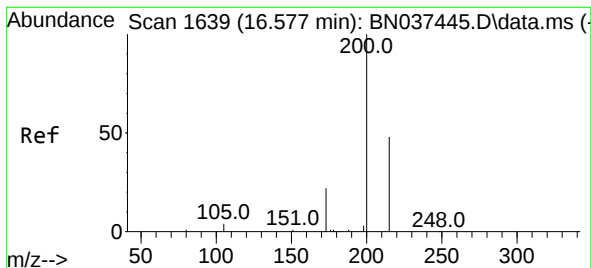
Tgt Ion:248 Resp: 517
Ion Ratio Lower Upper
248 100
250 97.0 83.9 125.9
141 60.0 29.4 44.0#



#22
Hexachlorobenzene
Concen: 0.188 ng
RT: 16.416 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BN037456.D
Acq: 10 Jul 2025 13:53

Tgt Ion:284 Resp: 702
Ion Ratio Lower Upper
284 100
142 38.9 38.9 58.3
249 33.5 27.3 40.9





#23

Atrazine

Concen: 0.147 ng

RT: 16.565 min Scan# 1638

Delta R.T. -0.012 min

Lab File: BN037456.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2025

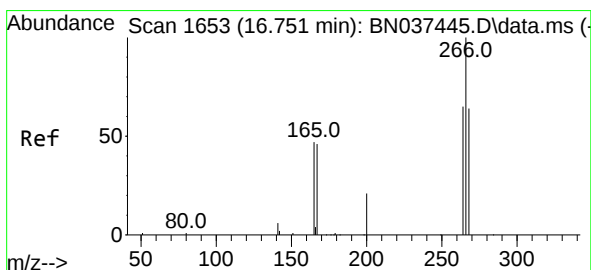
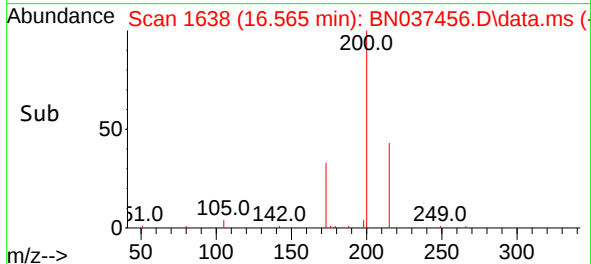
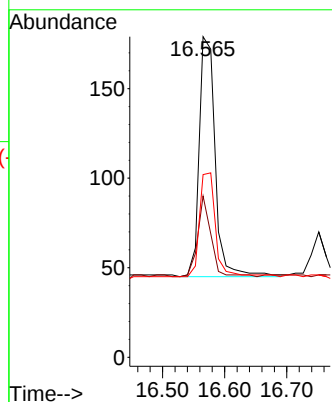
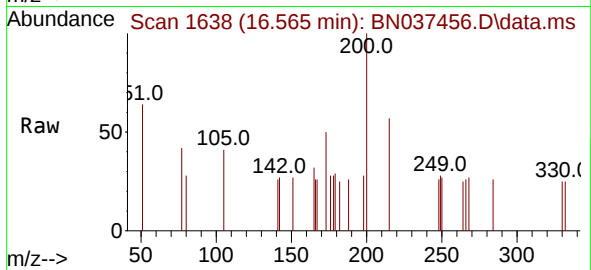
Tgt Ion:200 Resp: 241

Ion Ratio Lower Upper

200 100

173 50.3 28.4 42.6#

215 57.0 42.0 63.0



#24

Pentachlorophenol

Concen: 0.121 ng

RT: 16.751 min Scan# 1653

Delta R.T. 0.000 min

Lab File: BN037456.D

Acq: 10 Jul 2025 13:53

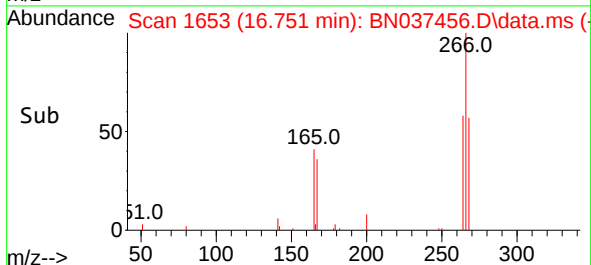
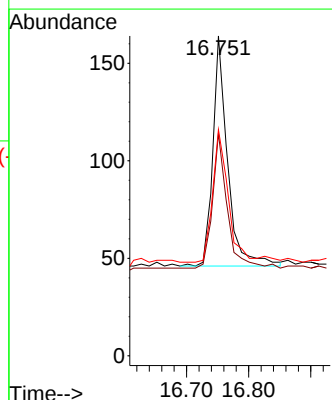
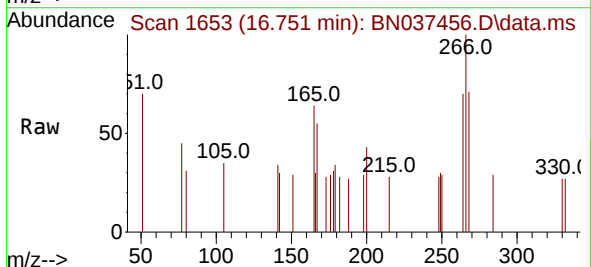
Tgt Ion:266 Resp: 195

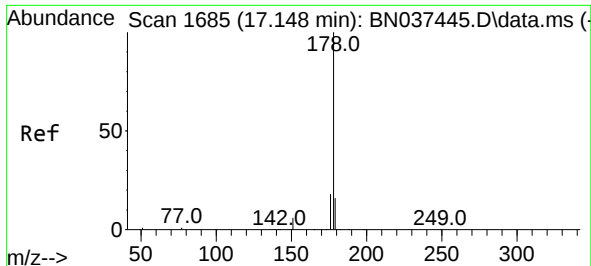
Ion Ratio Lower Upper

266 100

264 57.4 52.4 78.6

268 60.5 53.9 80.9

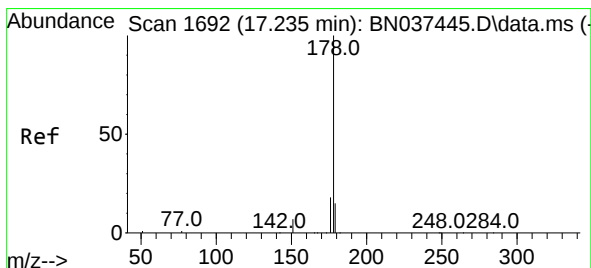
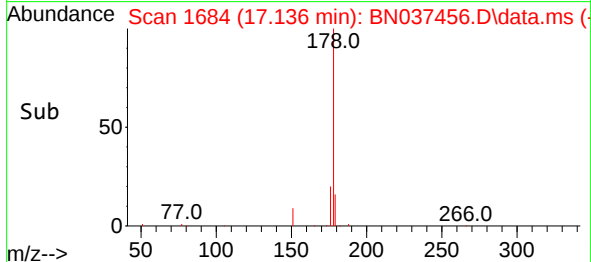
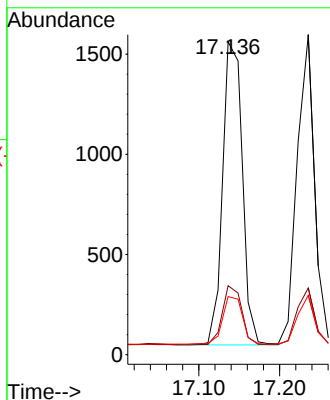
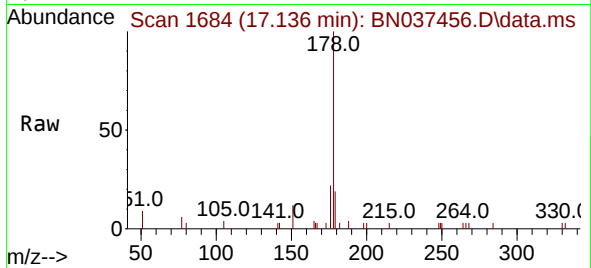




#25
Phenanthrene
Concen: 0.180 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN037456.D
Acq: 10 Jul 2025 13:53

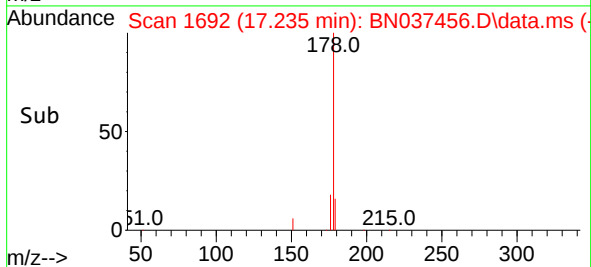
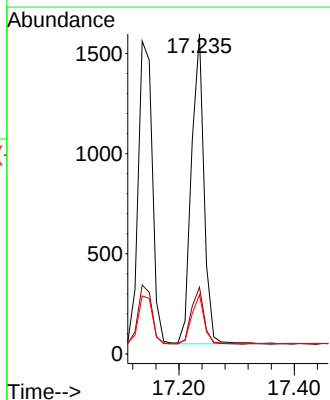
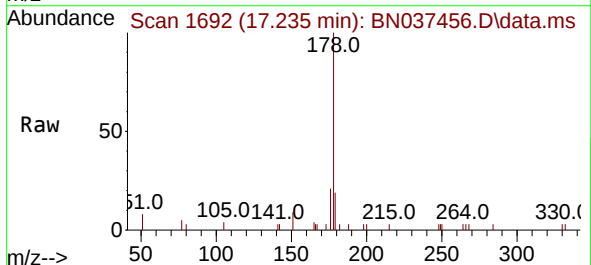
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2025

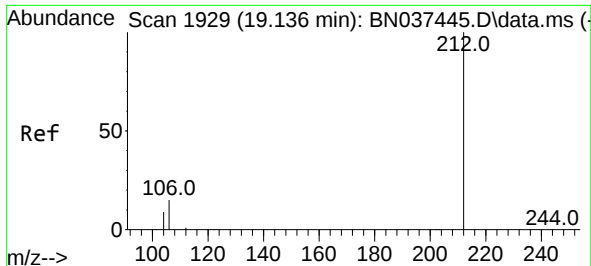
Tgt Ion:178 Resp: 2574
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 16.3 12.2 18.4



#26
Anthracene
Concen: 0.174 ng
RT: 17.235 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN037456.D
Acq: 10 Jul 2025 13:53

Tgt Ion:178 Resp: 2338
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 15.4 12.1 18.1

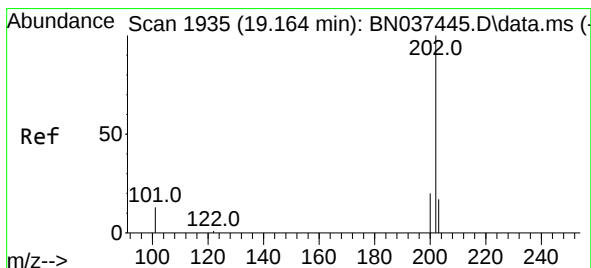
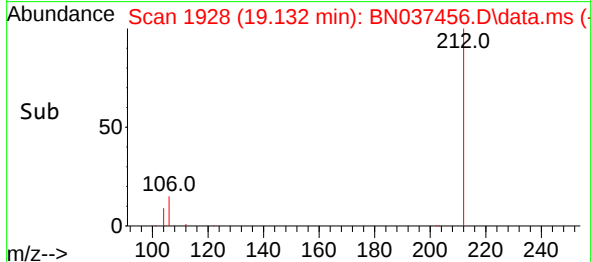
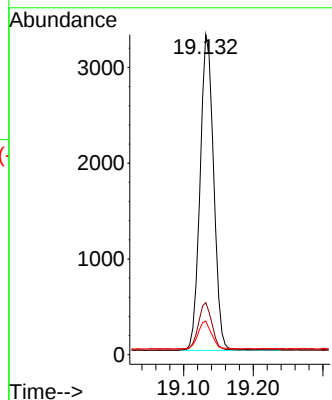
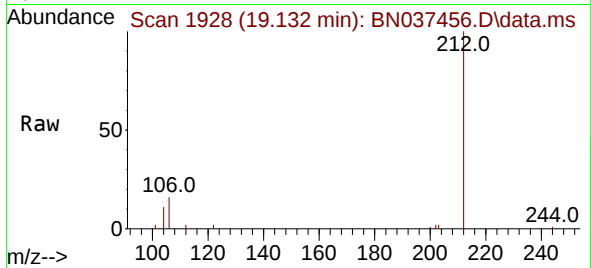




#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.132 min Scan# 1928
Delta R.T. -0.009 min
Lab File: BN037456.D
Acq: 10 Jul 2025 13:53

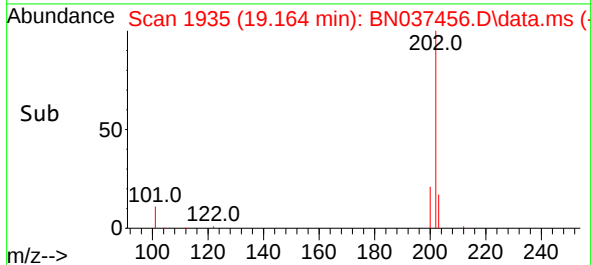
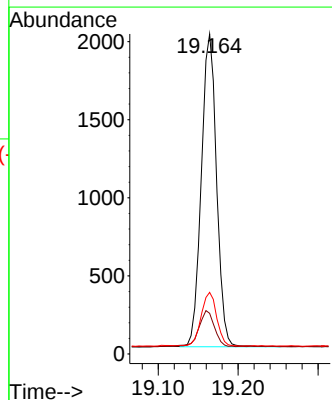
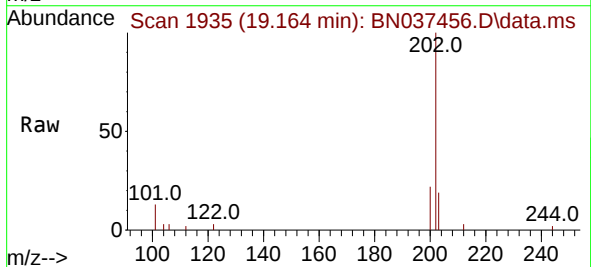
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2025

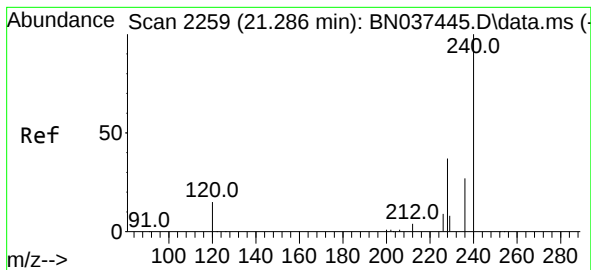
Tgt Ion:212 Resp: 4481
Ion Ratio Lower Upper
212 100
106 14.9 13.4 20.0
104 8.8 7.8 11.6



#28
Fluoranthene
Concen: 0.165 ng
RT: 19.164 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BN037456.D
Acq: 10 Jul 2025 13:53

Tgt Ion:202 Resp: 2642
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: BN037456.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2025

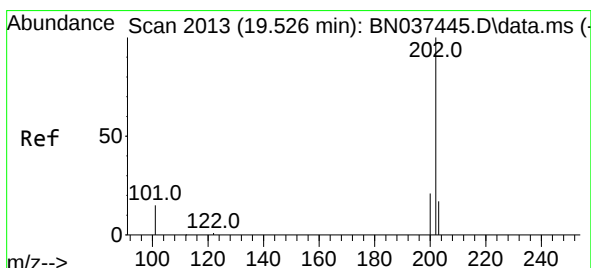
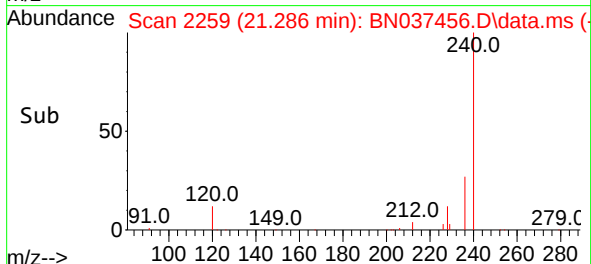
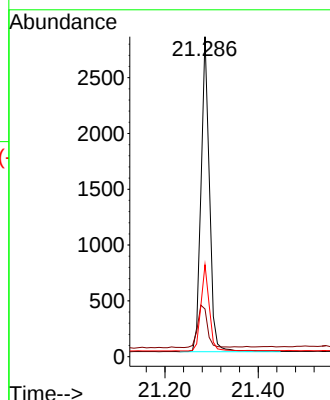
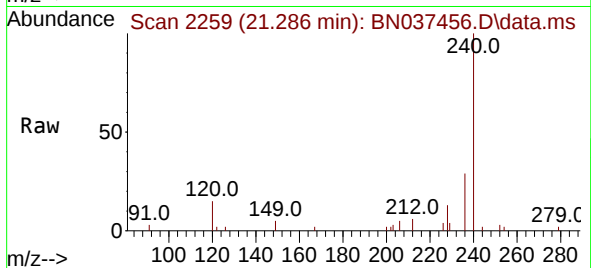
Tgt Ion:240 Resp: 3544

Ion Ratio Lower Upper

240 100

120 14.9 16.4 24.6#

236 28.8 23.3 34.9



#30

Pyrene

Concen: 0.178 ng

RT: 19.527 min Scan# 2013

Delta R.T. -0.005 min

Lab File: BN037456.D

Acq: 10 Jul 2025 13:53

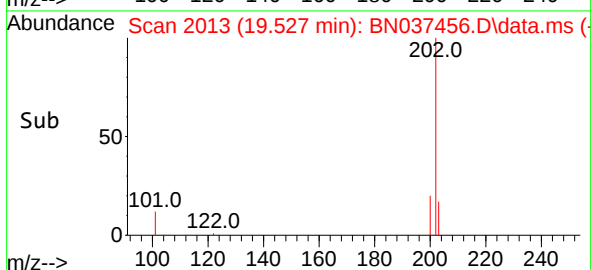
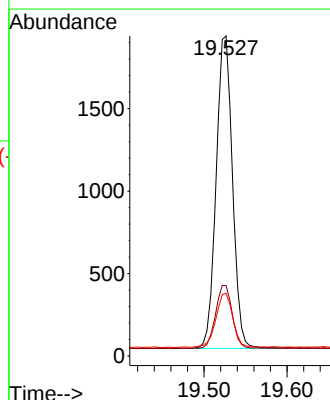
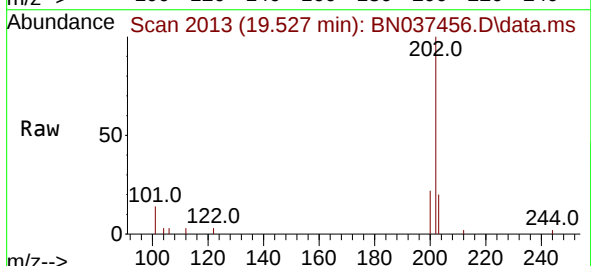
Tgt Ion:202 Resp: 2591

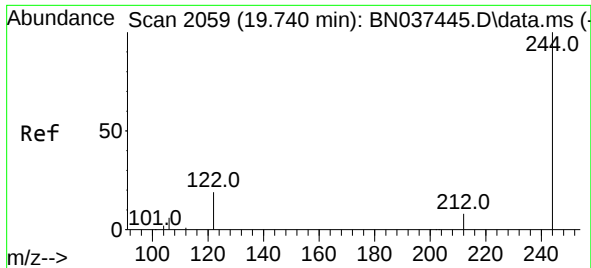
Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

203 18.0 14.2 21.4

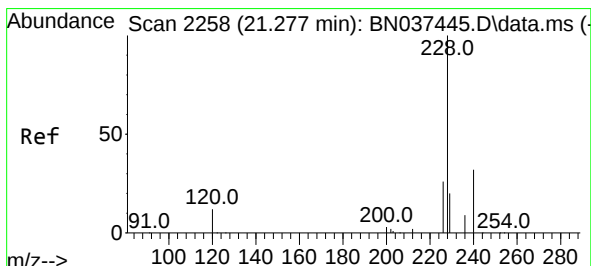
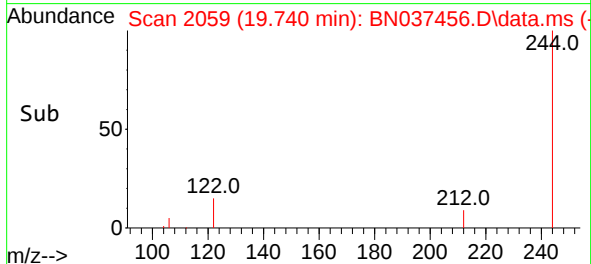
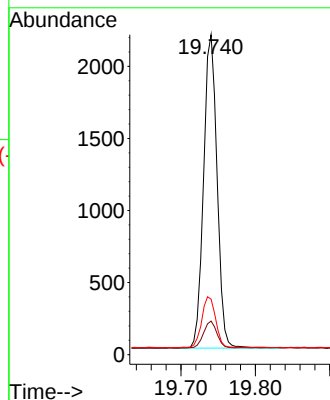
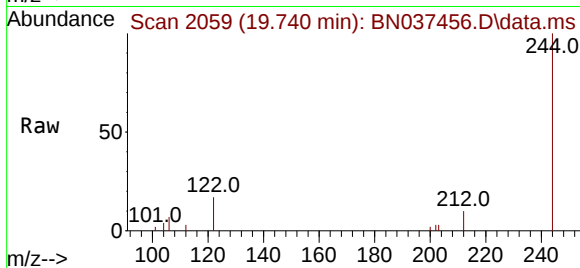




#31
 Terphenyl-d14
 Concen: 0.367 ng
 RT: 19.740 min Scan# 2059
 Delta R.T. -0.009 min
 Lab File: BN037456.D
 Acq: 10 Jul 2025 13:53

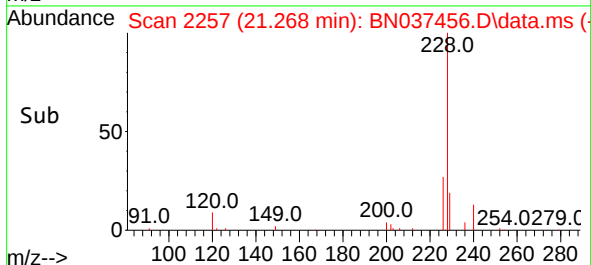
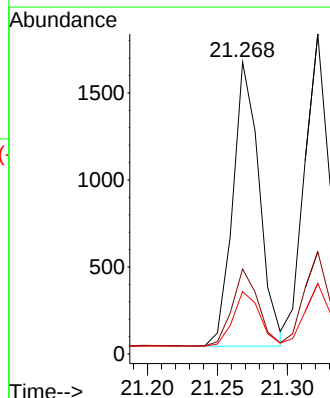
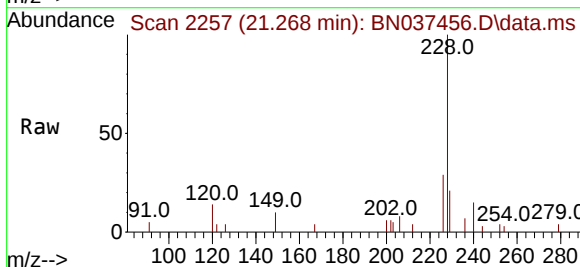
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

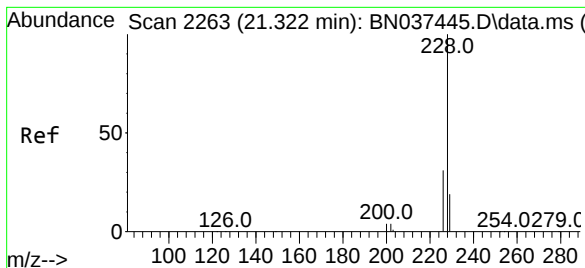
Tgt Ion:244	Resp:	2739	
Ion	Ratio	Lower	Upper
244	100		
212	10.5	9.0	13.4
122	17.3	15.0	22.4



#32
 Benzo(a)anthracene
 Concen: 0.170 ng
 RT: 21.268 min Scan# 2257
 Delta R.T. -0.018 min
 Lab File: BN037456.D
 Acq: 10 Jul 2025 13:53

Tgt Ion:228	Resp:	2147	
Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.2	33.2
229	21.4	16.6	25.0





#33

Chrysene

Concen: 0.181 ng

RT: 21.322 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037456.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2025

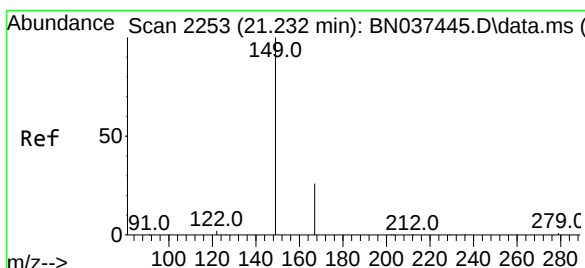
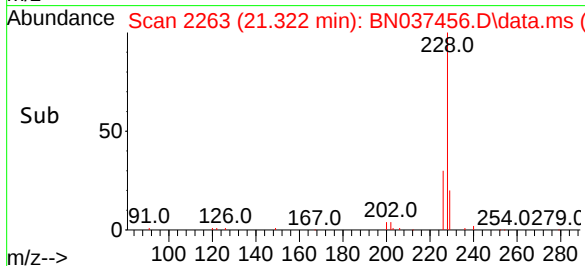
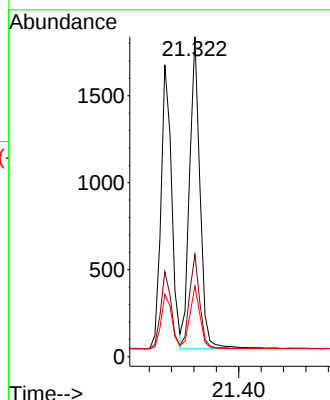
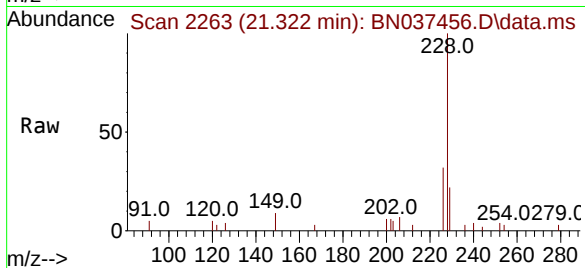
Tgt Ion:228 Resp: 2328

Ion Ratio Lower Upper

228 100

226 32.0 25.0 37.6

229 22.1 15.8 23.8



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.217 ng

RT: 21.232 min Scan# 2253

Delta R.T. -0.009 min

Lab File: BN037456.D

Acq: 10 Jul 2025 13:53

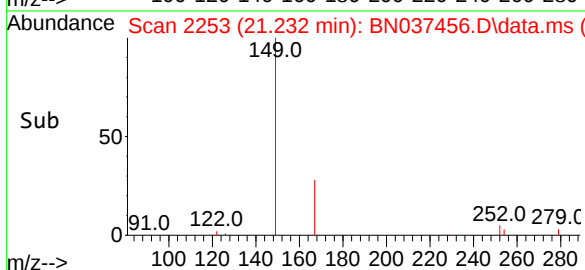
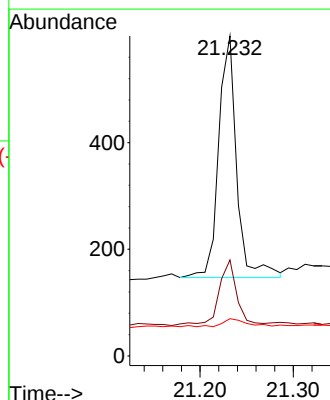
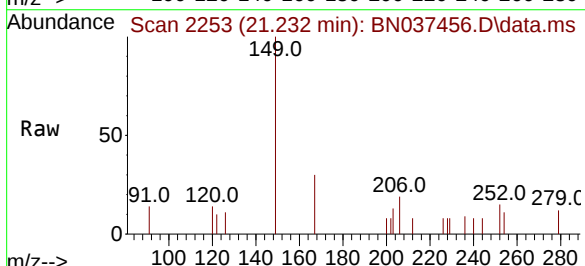
Tgt Ion:149 Resp: 607

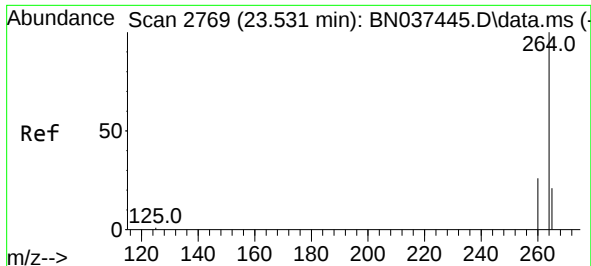
Ion Ratio Lower Upper

149 100

167 24.2 20.6 30.8

279 4.3 2.2 3.2#

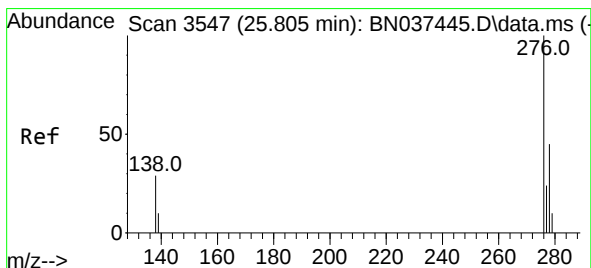
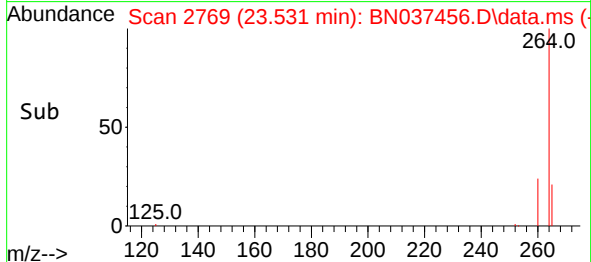
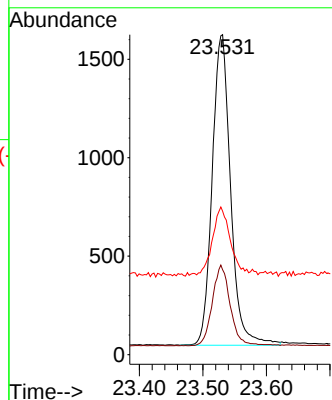
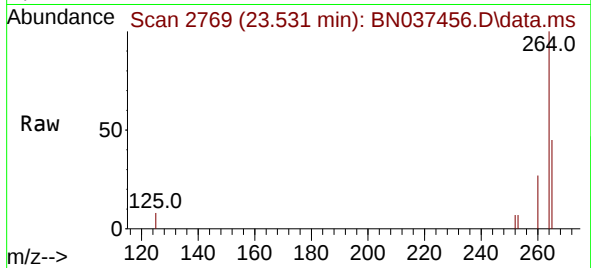




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.531 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BN037456.D
 Acq: 10 Jul 2025 13:53

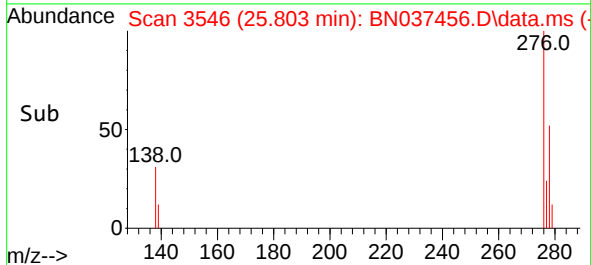
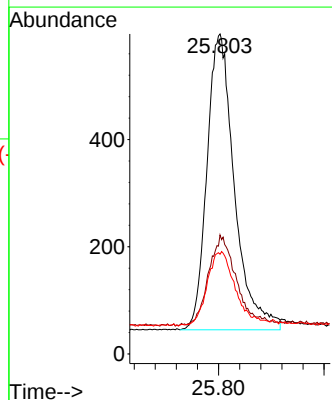
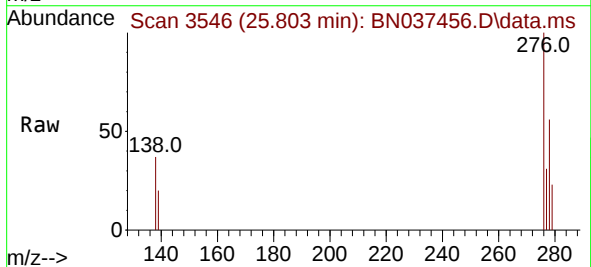
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

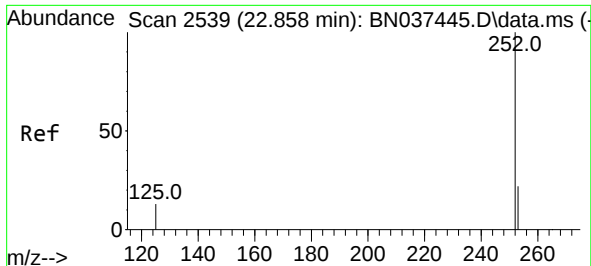
Tgt Ion:264	Resp:	3178
Ion Ratio	Lower	Upper
264	100	
260	26.5	22.1 33.1
265	44.9	30.1 45.1



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.168 ng
 RT: 25.803 min Scan# 3546
 Delta R.T. -0.023 min
 Lab File: BN037456.D
 Acq: 10 Jul 2025 13:53

Tgt Ion:276	Resp:	1997
Ion Ratio	Lower	Upper
276	100	
138	30.1	27.8 41.8
277	24.2	19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.172 ng

RT: 22.856 min Scan# 2538

Delta R.T. -0.014 min

Lab File: BN037456.D

Acq: 10 Jul 2025 13:53

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2025

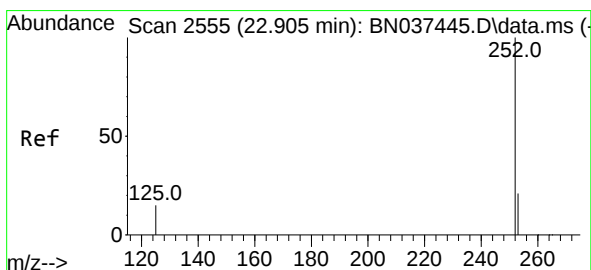
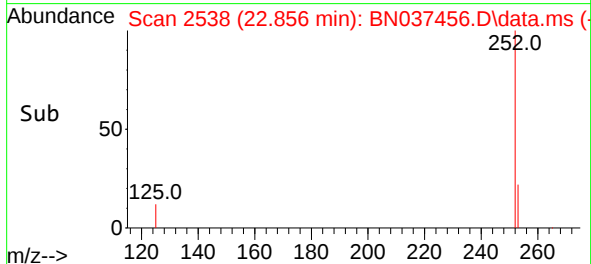
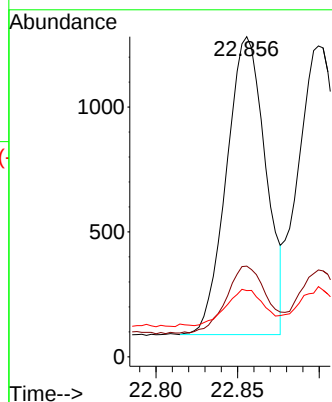
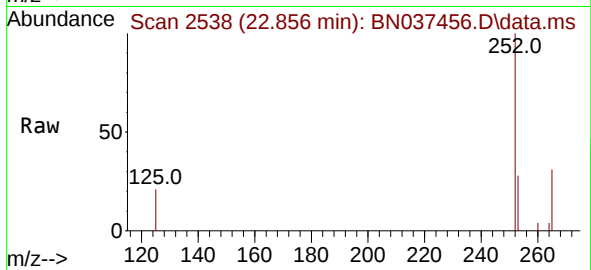
Tgt Ion:252 Resp: 1993

Ion Ratio Lower Upper

252 100

253 28.3 19.0 28.6

125 20.7 13.0 19.6#



#38

Benzo(k)fluoranthene

Concen: 0.177 ng

RT: 22.899 min Scan# 2553

Delta R.T. -0.017 min

Lab File: BN037456.D

Acq: 10 Jul 2025 13:53

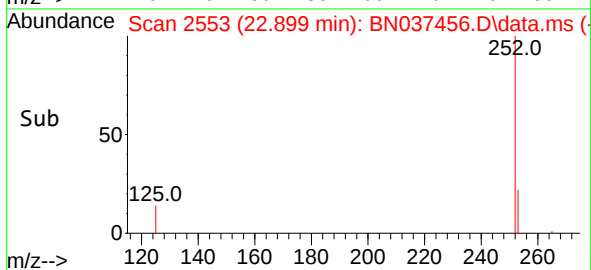
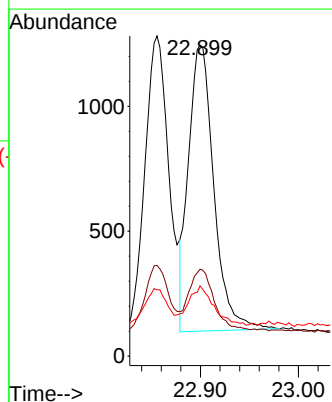
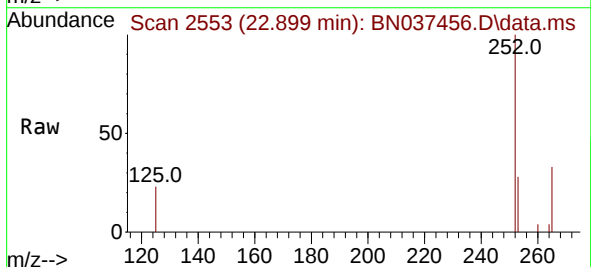
Tgt Ion:252 Resp: 2064

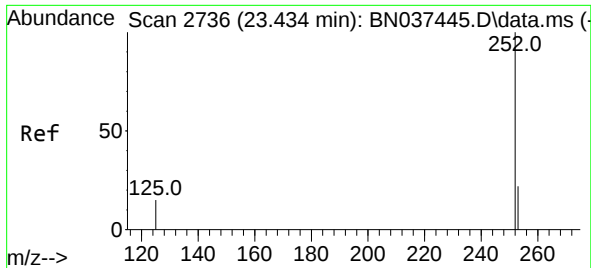
Ion Ratio Lower Upper

252 100

253 28.0 19.0 28.6

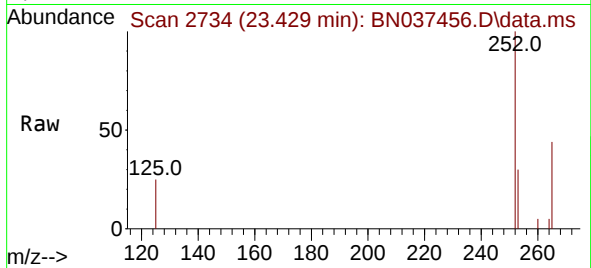
125 22.6 13.0 19.6#



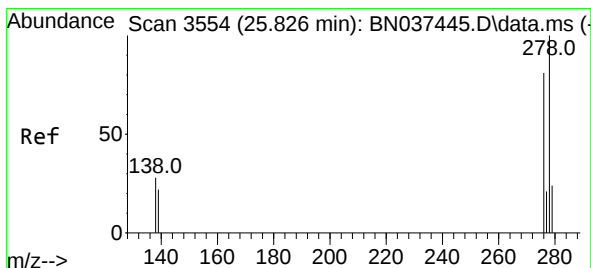
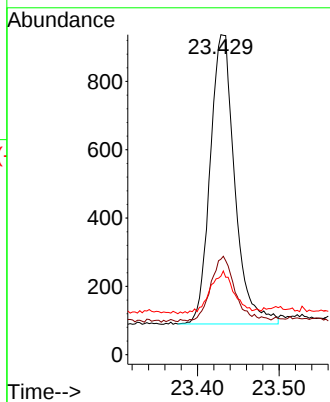
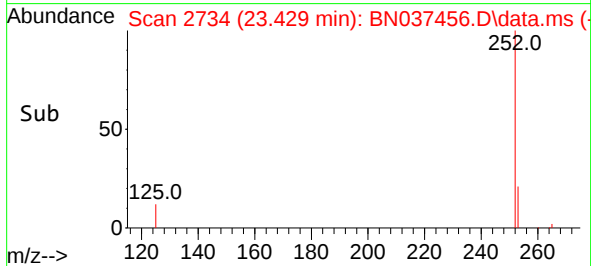


#39
Benzo(a)pyrene
Concen: 0.184 ng
RT: 23.429 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN037456.D
Acq: 10 Jul 2025 13:53

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2025

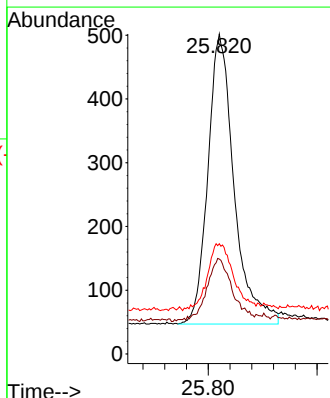
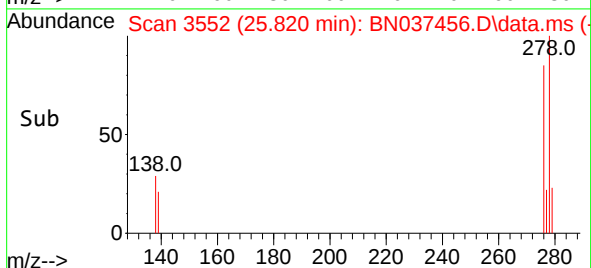
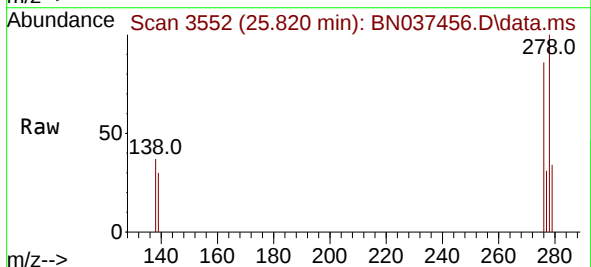


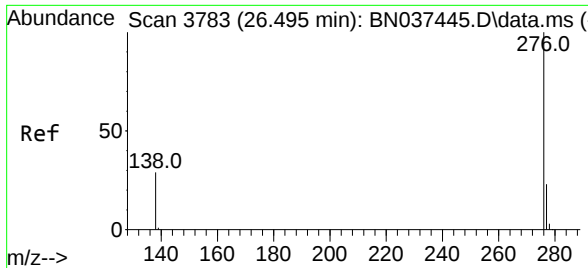
Tgt Ion:252 Resp: 1774
Ion Ratio Lower Upper
252 100
253 29.9 19.7 29.5#
125 24.5 15.4 23.0#



#40
Dibenzo(a,h)anthracene
Concen: 0.159 ng
RT: 25.820 min Scan# 3552
Delta R.T. -0.023 min
Lab File: BN037456.D
Acq: 10 Jul 2025 13:53

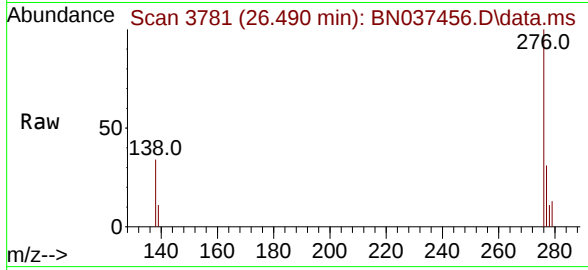
Tgt Ion:278 Resp: 1521
Ion Ratio Lower Upper
278 100
139 29.7 21.2 31.8
279 34.5 22.7 34.1#





#41
 Benzo(g,h,i)perylene
 Concen: 0.177 ng
 RT: 26.490 min Scan# 31
 Delta R.T. -0.026 min
 Lab File: BN037456.D
 Acq: 10 Jul 2025 13:53

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025



Tgt Ion:276 Resp: 1819
 Ion Ratio Lower Upper
 276 100
 277 30.8 19.8 29.8#
 138 34.3 25.9 38.9

