

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013124\
 Data File : BN029453.D
 Acq On : 31 Jan 2024 17:34
 Operator : MA/JU
 Sample : 03572-03
 Misc : MDL-MDL-SOIL-0.2NG
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2023

Quant Time: Feb 01 01:40:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 03:38:24 2024
 Response via : Initial Calibration

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

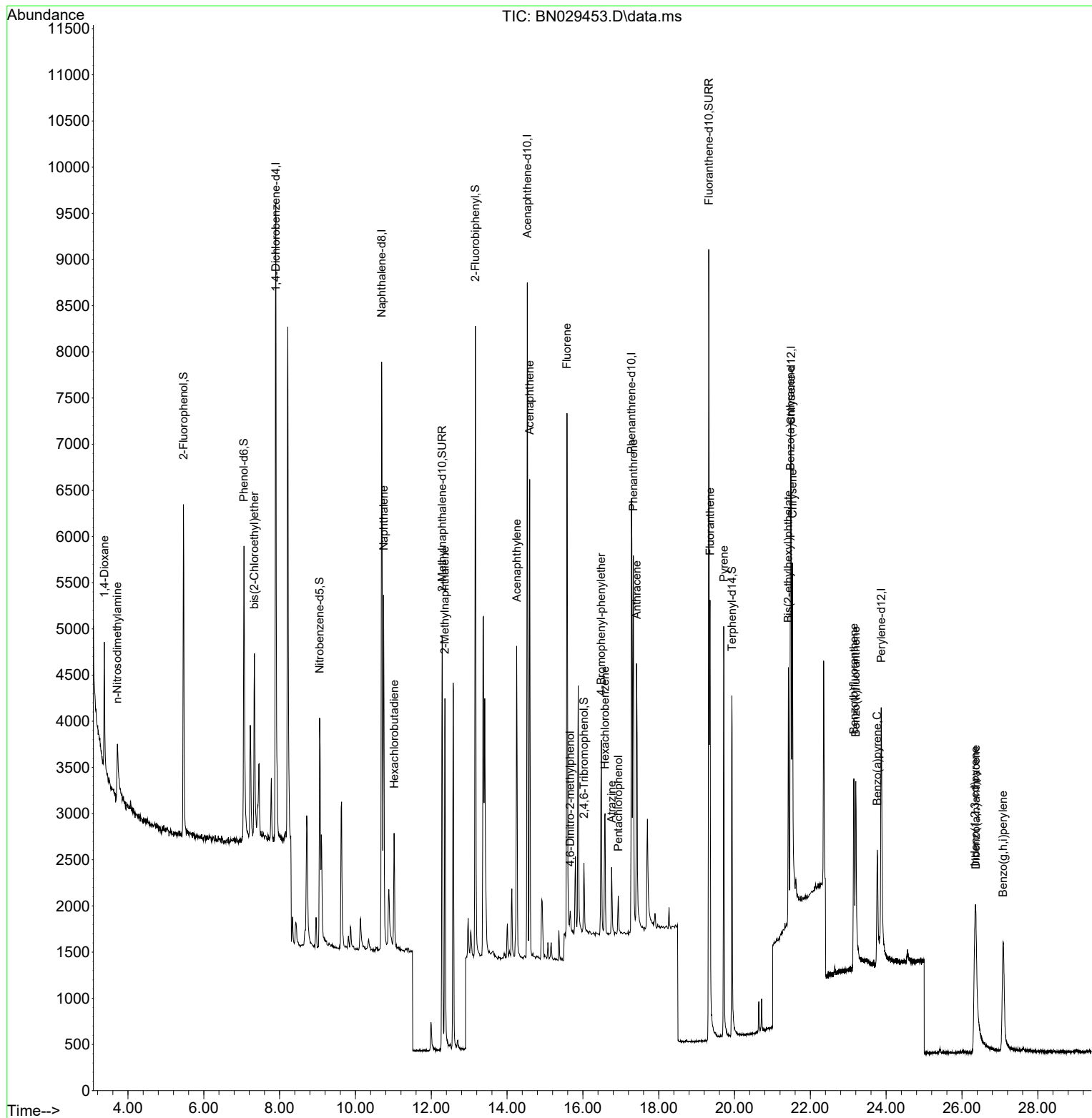
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	3444	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	9080	0.400	ng	#-0.01
13) Acenaphthene-d10	14.532	164	4078	0.400	ng	-0.01
19) Phenanthrene-d10	17.280	188	7626	0.400	ng	#-0.01
29) Chrysene-d12	21.492	240	4783	0.400	ng	# 0.00
35) Perylene-d12	23.870	264	4613	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	2931	0.354	ng	0.00
5) Phenol-d6	7.060	99	3422	0.358	ng	0.00
8) Nitrobenzene-d5	9.057	82	2562	0.339	ng	-0.01
11) 2-Methylnaphthalene-d10	12.287	152	6644	0.537	ng	0.00
14) 2,4,6-Tribromophenol	16.027	330	432	0.330	ng	-0.01
15) 2-Fluorobiphenyl	13.164	172	6029	0.344	ng	-0.01
27) Fluoranthene-d10	19.322	212	10059	0.545	ng	0.00
31) Terphenyl-d14	19.931	244	4074	0.343	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.377	88	898	0.185	ng	95
3) n-Nitrosodimethylamine	3.716	42	621	0.157	ng	98
6) bis(2-Chloroethyl)ether	7.334	93	1684	0.185	ng	99
9) Naphthalene	10.744	128	4984	0.193	ng	97
10) Hexachlorobutadiene	11.021	225	938	0.191	ng	# 100
12) 2-Methylnaphthalene	12.359	142	2827	0.186	ng	98
16) Acenaphthylene	14.254	152	3836	0.198	ng	100
17) Acenaphthene	14.597	154	2384	0.183	ng	97
18) Fluorene	15.580	166	2994	0.184	ng	99
20) 4,6-Dinitro-2-methylph...	15.667	198	176	0.157	ng	# 62
21) 4-Bromophenyl-phenylether	16.486	248	813	0.179	ng	# 83
22) Hexachlorobenzene	16.585	284	1046	0.188	ng	100
23) Atrazine	16.759	200	629	0.195	ng	# 92
24) Pentachlorophenol	16.933	266	217	0.123	ng	# 87
25) Phenanthrene	17.330	178	4256	0.189	ng	98
26) Anthracene	17.417	178	3578	0.186	ng	99
28) Fluoranthene	19.355	202	4302	0.170	ng	99
30) Pyrene	19.717	202	4393	0.200	ng	99
32) Benzo(a)anthracene	21.474	228	3005	0.184	ng	99
33) Chrysene	21.528	228	3581	0.193	ng	98
34) Bis(2-ethylhexyl)phtha...	21.420	149	2191	0.197	ng	98
36) Indeno(1,2,3-cd)pyrene	26.344	276	3207	0.173	ng	# 86
37) Benzo(b)fluoranthene	23.148	252	2952	0.179	ng	# 84
38) Benzo(k)fluoranthene	23.198	252	2922	0.169	ng	# 82
39) Benzo(a)pyrene	23.765	252	2563	0.178	ng	# 78
40) Dibenzo(a,h)anthracene	26.367	278	2394	0.162	ng	# 88
41) Benzo(g,h,i)perylene	27.086	276	3069	0.171	ng	# 89

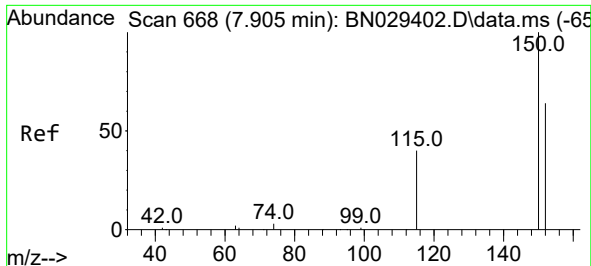
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013124\
Data File : BN029453.D
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Misc : MDL-MDL-SOIL-0.2NG
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Instrument :
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Quant Time: Feb 01 01:40:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 03:38:24 2024
Response via : Initial Calibration

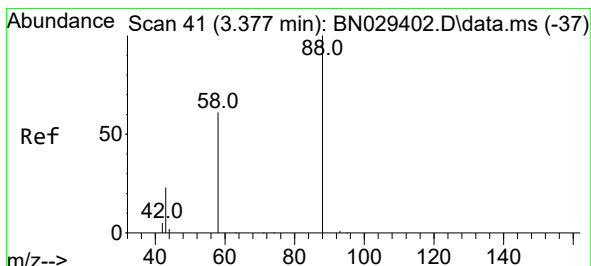
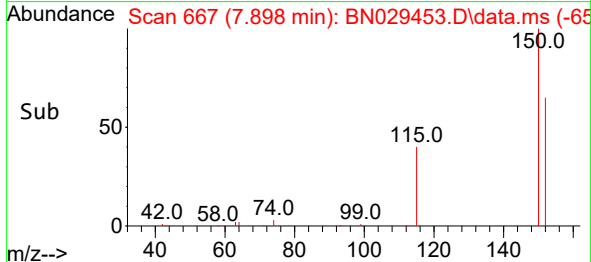
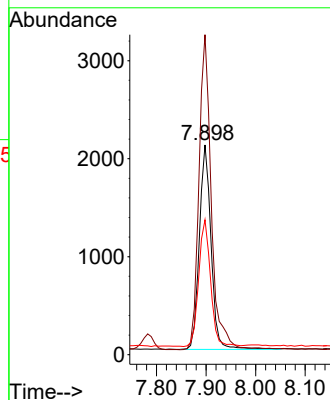
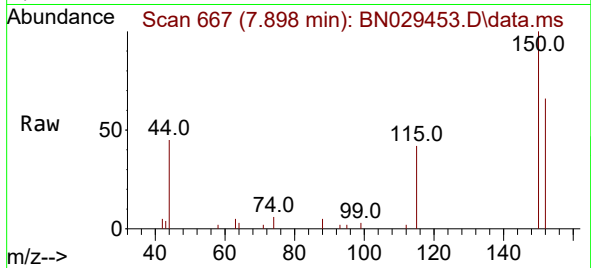




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.898 min Scan# 668
 Delta R.T. -0.007 min
 Lab File: BN029453.D
 Acq: 31 Jan 2024 17:34

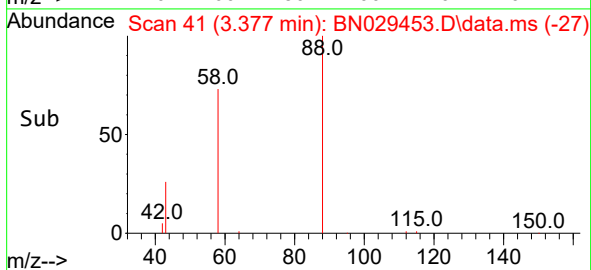
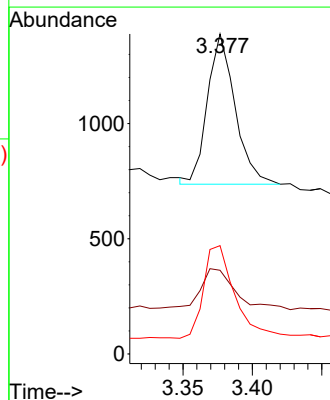
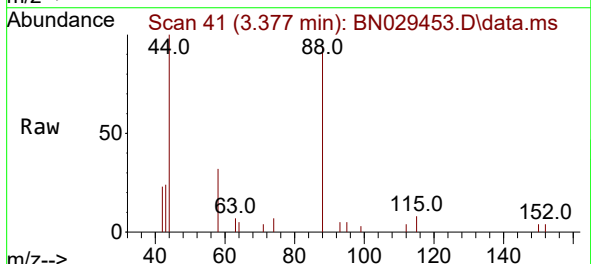
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2023

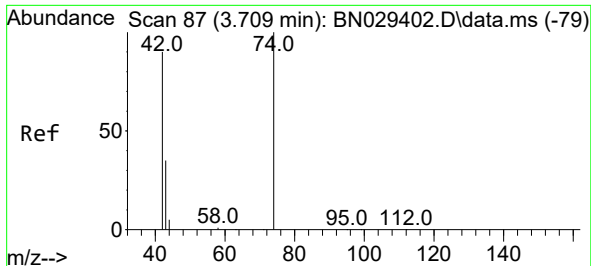
Tgt Ion:152 Resp: 3444
 Ion Ratio Lower Upper
 152 100
 150 152.5 123.0 184.4
 115 64.3 51.4 77.0



#2
 1,4-Dioxane
 Concen: 0.185 ng
 RT: 3.377 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BN029453.D
 Acq: 31 Jan 2024 17:34

Tgt Ion: 88 Resp: 898
 Ion Ratio Lower Upper
 88 100
 43 34.7 23.3 34.9
 58 69.6 53.8 80.6

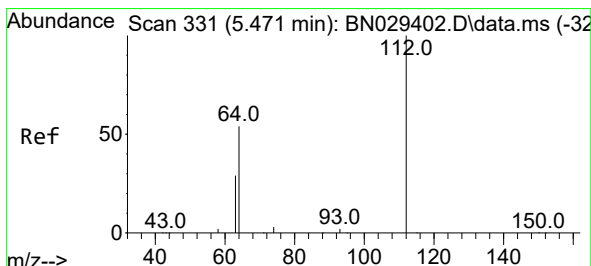
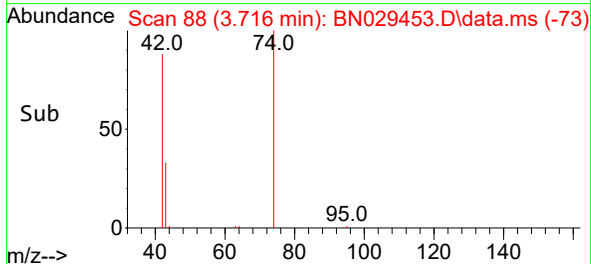
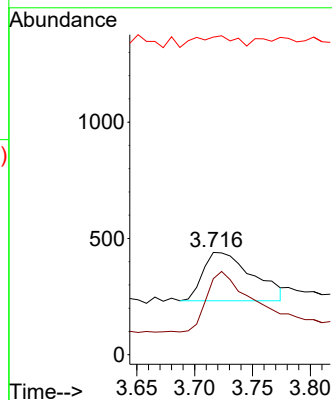
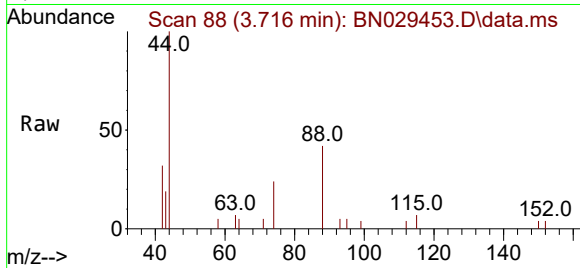




#3
n-Nitrosodimethylamine
Concen: 0.157 ng
RT: 3.716 min Scan# 81
Delta R.T. 0.007 min
Lab File: BN029453.D
Acq: 31 Jan 2024 17:34

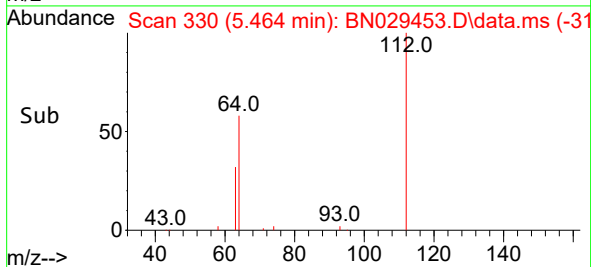
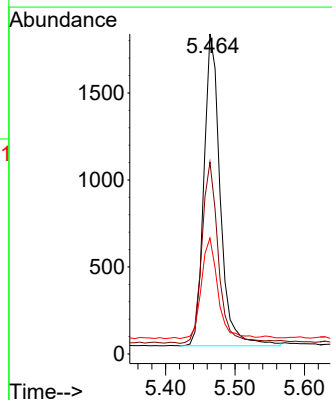
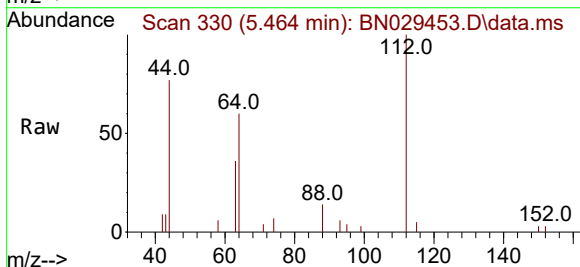
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2023

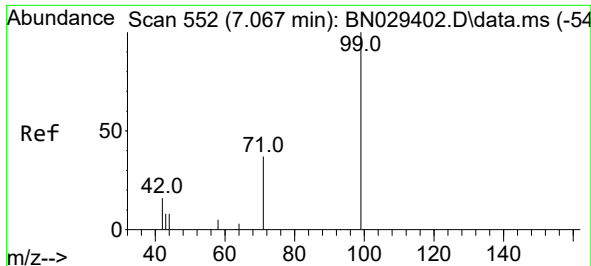
Tgt Ion: 42 Resp: 621
Ion Ratio Lower Upper
42 100
74 115.8 93.7 140.5
44 19.0 13.0 19.4



#4
2-Fluorophenol
Concen: 0.354 ng
RT: 5.464 min Scan# 330
Delta R.T. -0.007 min
Lab File: BN029453.D
Acq: 31 Jan 2024 17:34

Tgt Ion: 112 Resp: 2931
Ion Ratio Lower Upper
112 100
64 58.6 47.2 70.8
63 32.6 25.8 38.6

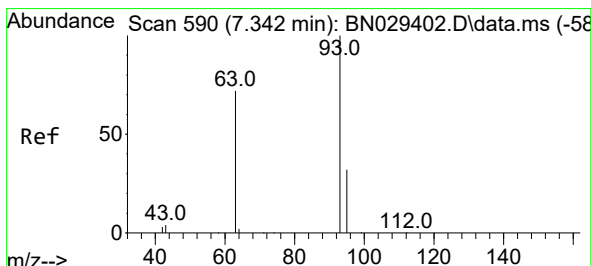
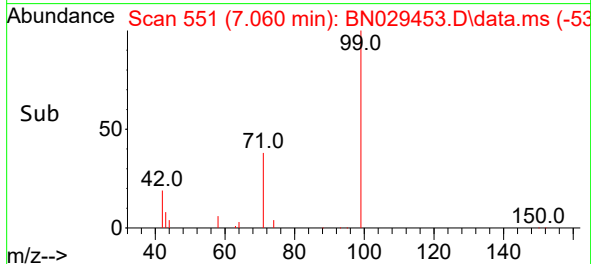
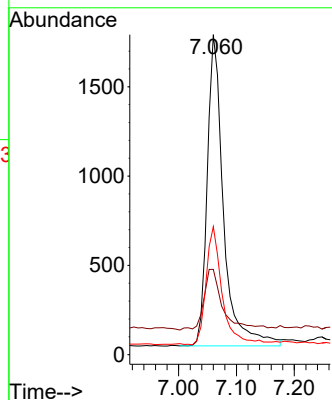
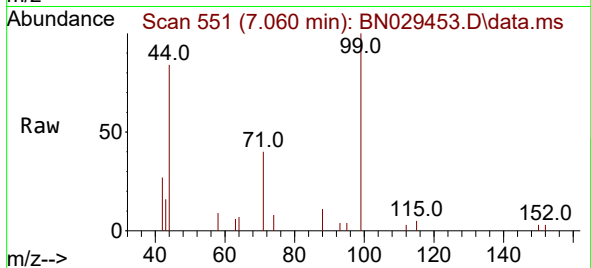




#5
Phenol-d6
Concen: 0.358 ng
RT: 7.060 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN029453.D
Acq: 31 Jan 2024 17:34

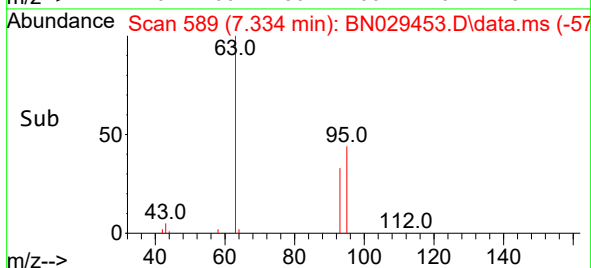
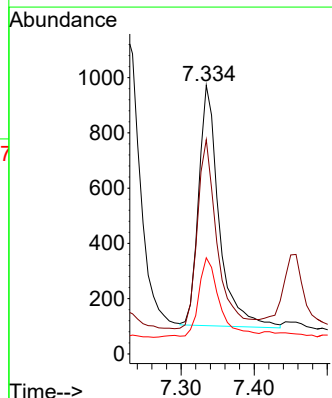
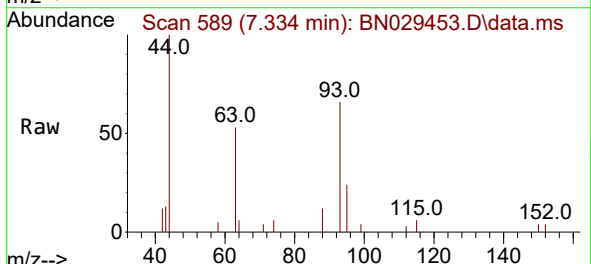
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT3-2023

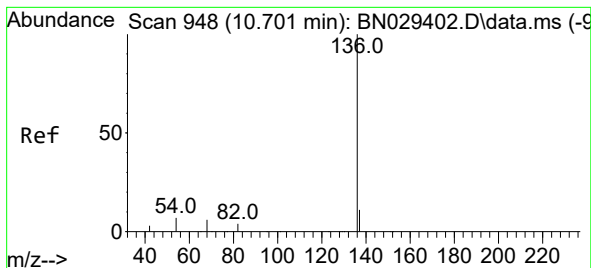
Tgt Ion: 99 Resp: 3422
Ion Ratio Lower Upper
99 100
42 22.8 16.9 25.3
71 37.1 30.0 45.0



#6
bis(2-Chloroethyl)ether
Concen: 0.185 ng
RT: 7.334 min Scan# 589
Delta R.T. -0.007 min
Lab File: BN029453.D
Acq: 31 Jan 2024 17:34

Tgt Ion: 93 Resp: 1684
Ion Ratio Lower Upper
93 100
63 78.0 63.1 94.7
95 34.4 27.1 40.7





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.690 min Scan# 94

Delta R.T. -0.011 min

Lab File: BN029453.D

Acq: 31 Jan 2024 17:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2023

Tgt Ion:136 Resp: 9080

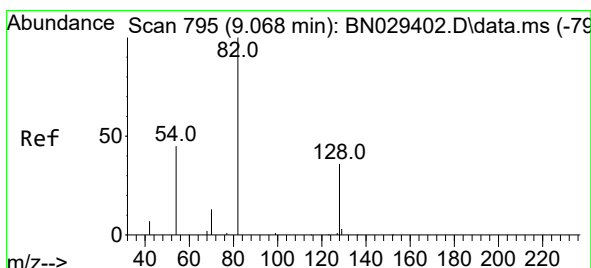
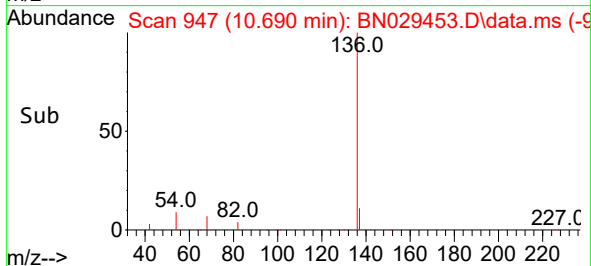
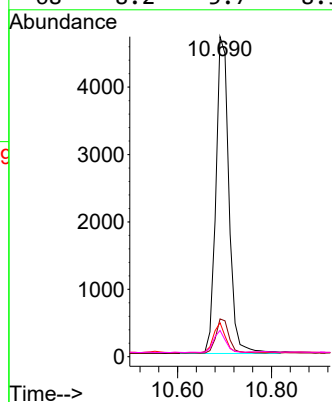
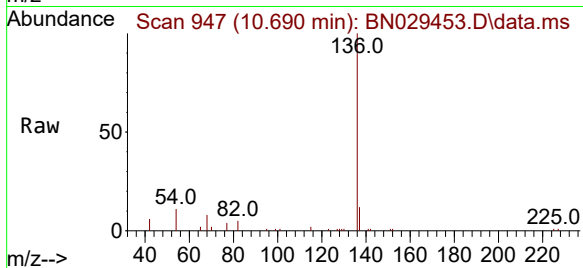
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 10.6 6.6 10.0#

68 8.2 5.7 8.5



#8

Nitrobenzene-d5

Concen: 0.339 ng

RT: 9.057 min Scan# 794

Delta R.T. -0.011 min

Lab File: BN029453.D

Acq: 31 Jan 2024 17:34

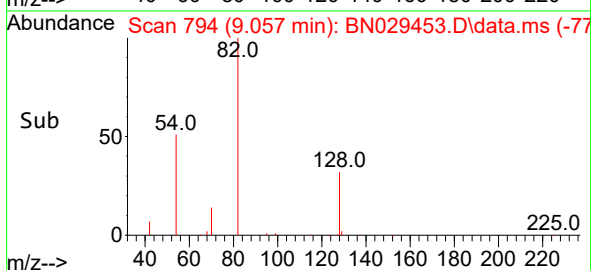
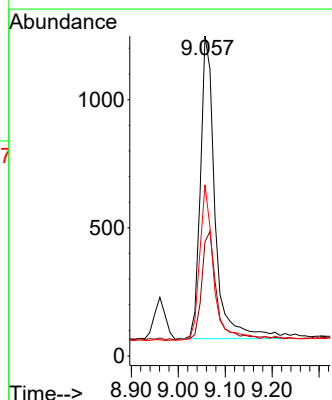
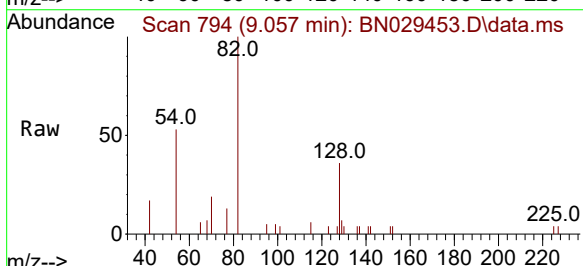
Tgt Ion: 82 Resp: 2562

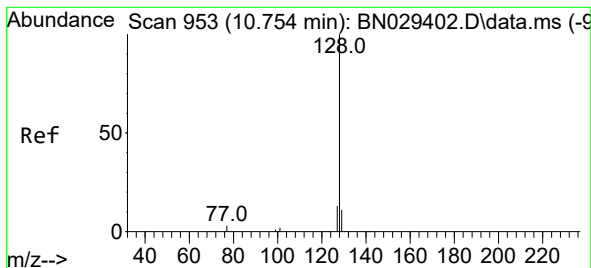
Ion Ratio Lower Upper

82 100

128 35.7 31.6 47.4

54 53.4 38.2 57.4





#9

Naphthalene

Concen: 0.193 ng

RT: 10.744 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN029453.D

Acq: 31 Jan 2024 17:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2023

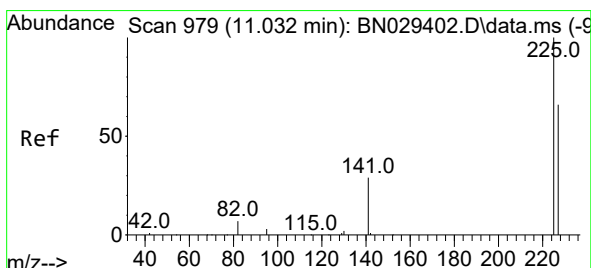
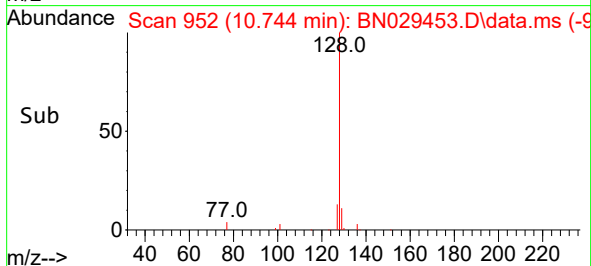
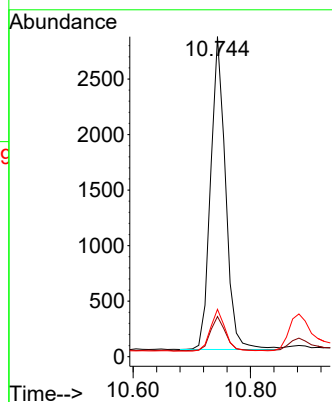
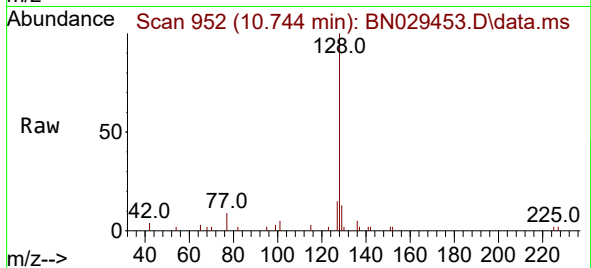
Tgt Ion:128 Resp: 4984

Ion Ratio Lower Upper

128 100

129 12.6 9.5 14.3

127 14.8 10.8 16.2



#10

Hexachlorobutadiene

Concen: 0.191 ng

RT: 11.021 min Scan# 978

Delta R.T. -0.011 min

Lab File: BN029453.D

Acq: 31 Jan 2024 17:34

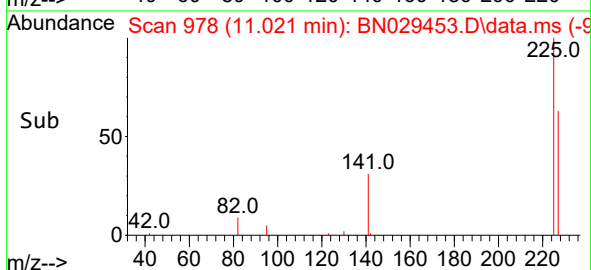
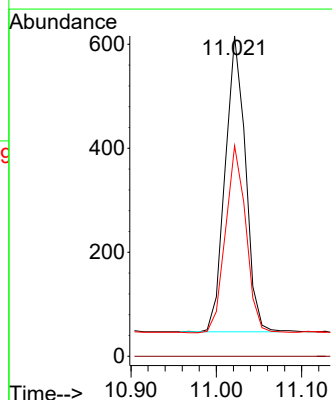
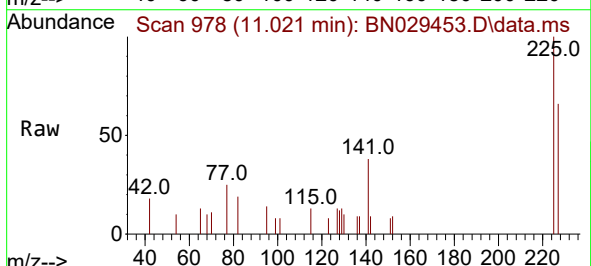
Tgt Ion:225 Resp: 938

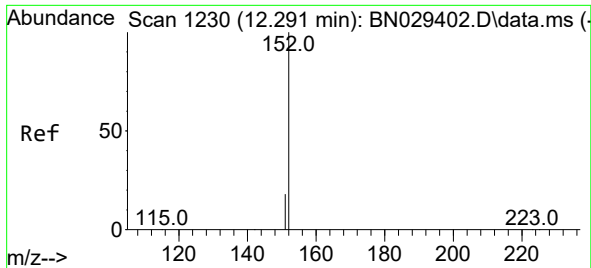
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.8 51.1 76.7

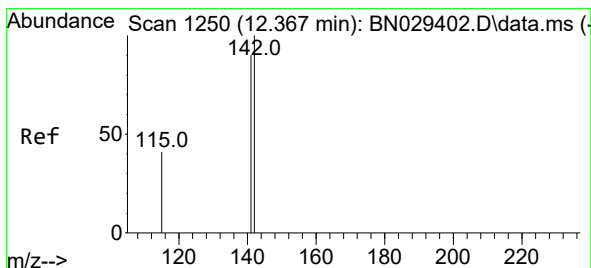
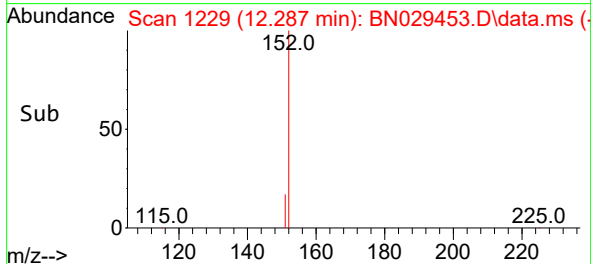
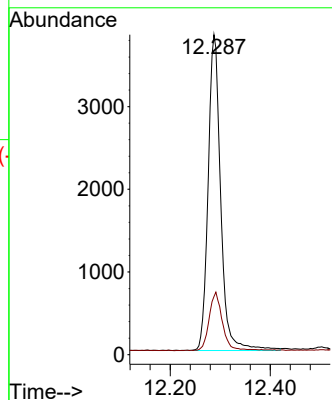
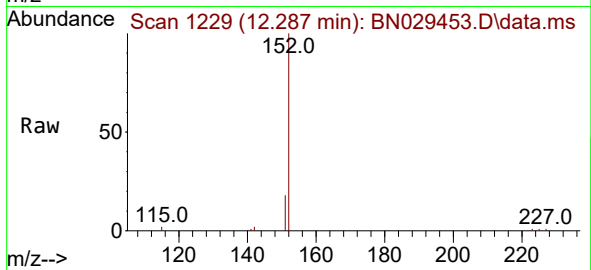




#11
2-Methylnaphthalene-d10
Concen: 0.537 ng
RT: 12.287 min Scan# 1229
Delta R.T. -0.004 min
Lab File: BN029453.D
Acq: 31 Jan 2024 17:34

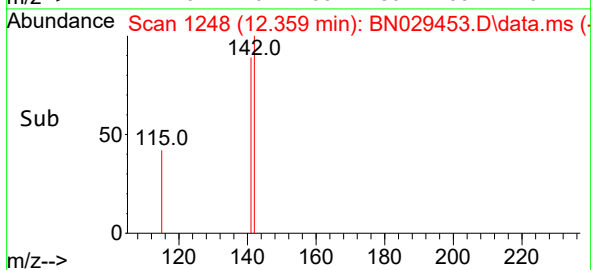
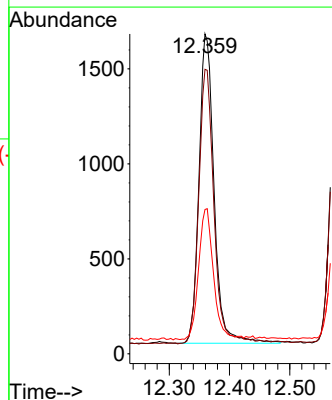
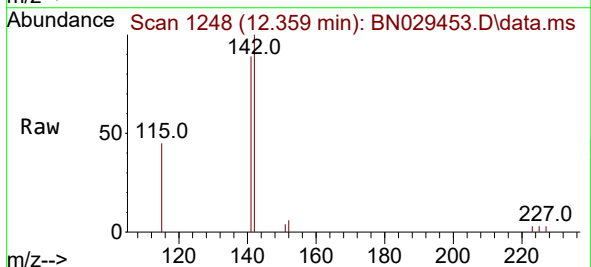
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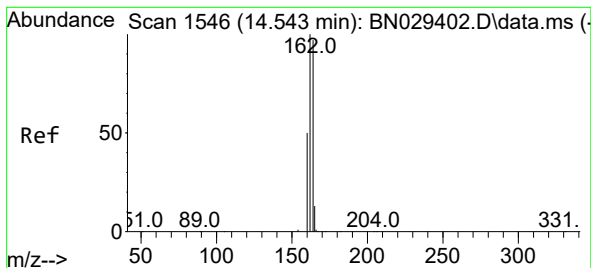
Tgt Ion:152 Resp: 6644
Ion Ratio Lower Upper
152 100
151 19.4 17.1 25.7



#12
2-Methylnaphthalene
Concen: 0.186 ng
RT: 12.359 min Scan# 1248
Delta R.T. -0.008 min
Lab File: BN029453.D
Acq: 31 Jan 2024 17:34

Tgt Ion:142 Resp: 2827
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9
115 45.1 33.9 50.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.532 min Scan# 1545

Delta R.T. -0.011 min

Lab File: BN029453.D

Acq: 31 Jan 2024 17:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2023

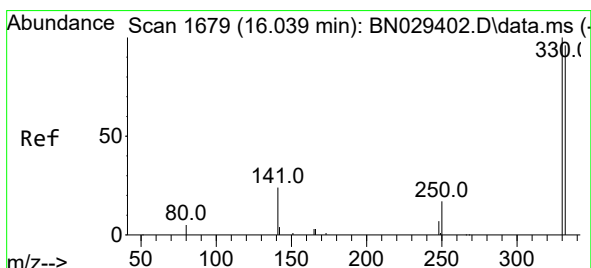
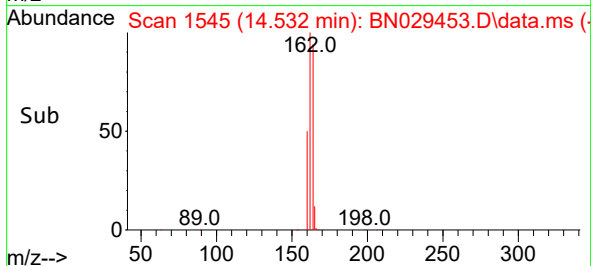
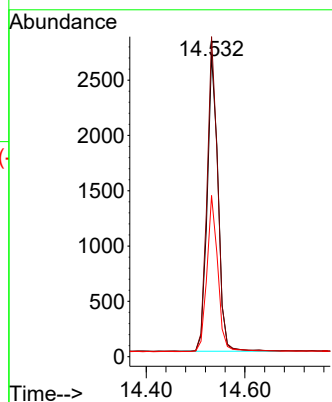
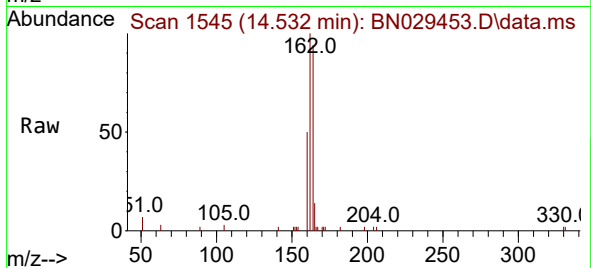
Tgt Ion:164 Resp: 4078

Ion Ratio Lower Upper

164 100

162 106.0 82.6 123.8

160 53.4 41.5 62.3



#14

2,4,6-Tribromophenol

Concen: 0.330 ng

RT: 16.027 min Scan# 1678

Delta R.T. -0.012 min

Lab File: BN029453.D

Acq: 31 Jan 2024 17:34

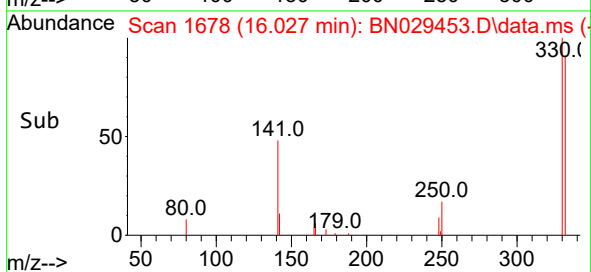
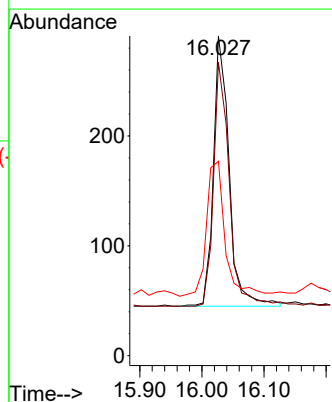
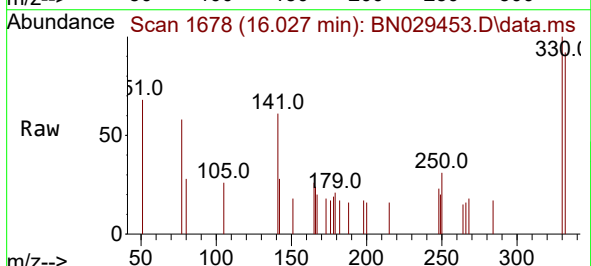
Tgt Ion:330 Resp: 432

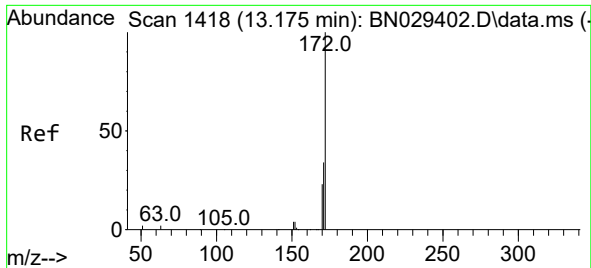
Ion Ratio Lower Upper

330 100

332 89.4 76.0 114.0

141 59.7 43.4 65.2

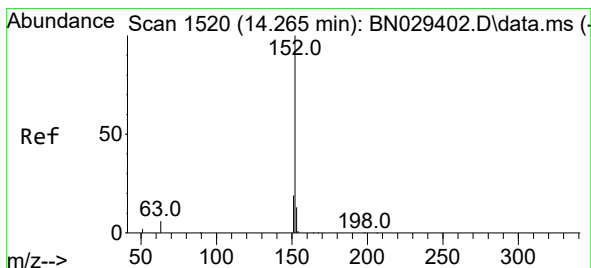
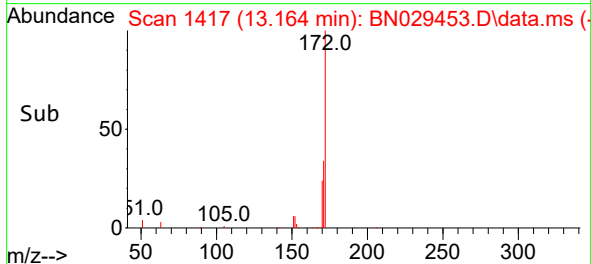
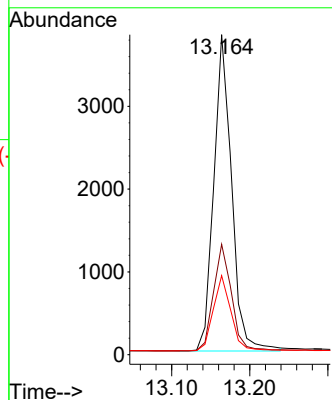
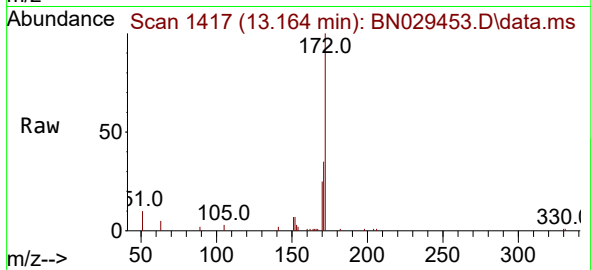




#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 13.164 min Scan# 1417
Delta R.T. -0.011 min
Lab File: BN029453.D
Acq: 31 Jan 2024 17:34

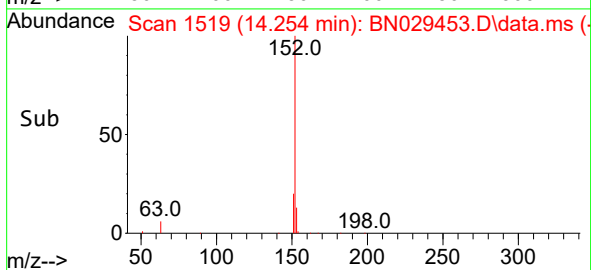
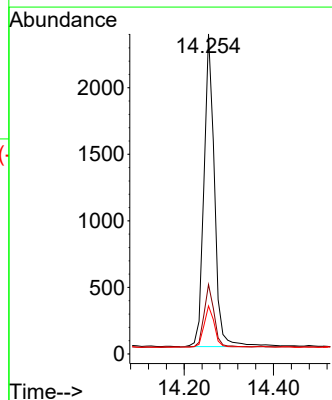
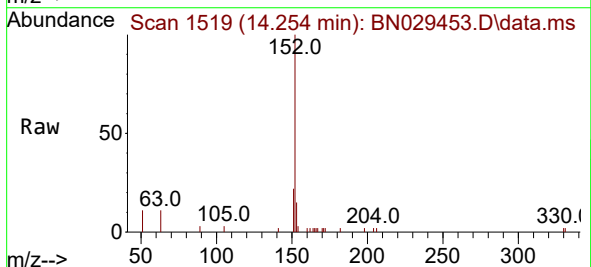
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2023

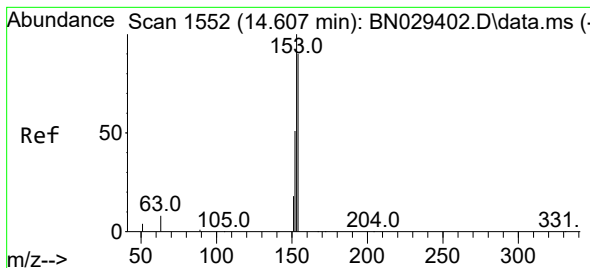
Tgt Ion:	172	Resp:	6029
Ion Ratio	Lower	Upper	
172	100		
171	34.5	28.0	42.0
170	24.7	18.7	28.1



#16
Acenaphthylene
Concen: 0.198 ng
RT: 14.254 min Scan# 1519
Delta R.T. -0.011 min
Lab File: BN029453.D
Acq: 31 Jan 2024 17:34

Tgt Ion:	152	Resp:	3836
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.9	23.9
153	13.0	10.5	15.7





#17

Acenaphthene

Concen: 0.183 ng

RT: 14.597 min Scan# 1551

Delta R.T. -0.011 min

Lab File: BN029453.D

Acq: 31 Jan 2024 17:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2023

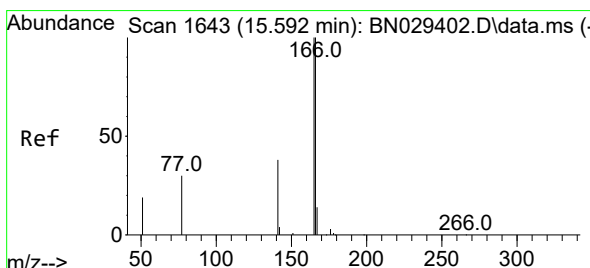
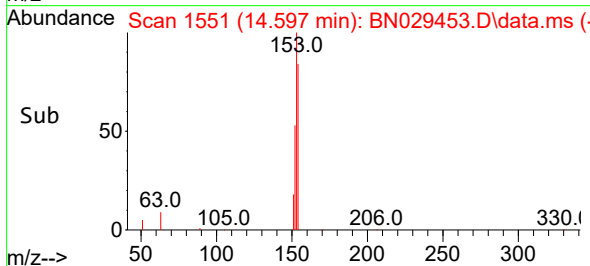
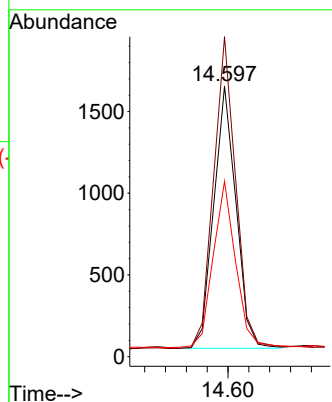
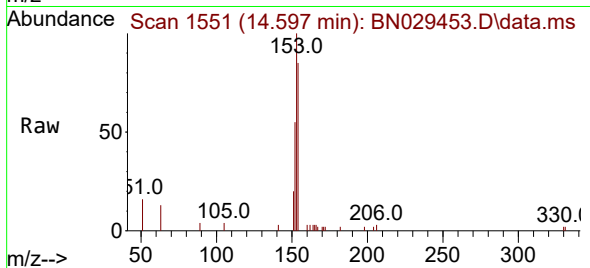
Tgt Ion:154 Resp: 2384

Ion Ratio Lower Upper

154 100

153 120.0 93.6 140.4

152 64.2 48.6 73.0



#18

Fluorene

Concen: 0.184 ng

RT: 15.580 min Scan# 1642

Delta R.T. -0.012 min

Lab File: BN029453.D

Acq: 31 Jan 2024 17:34

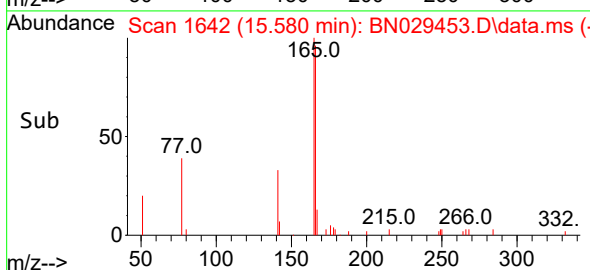
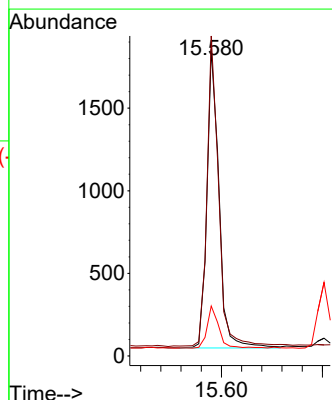
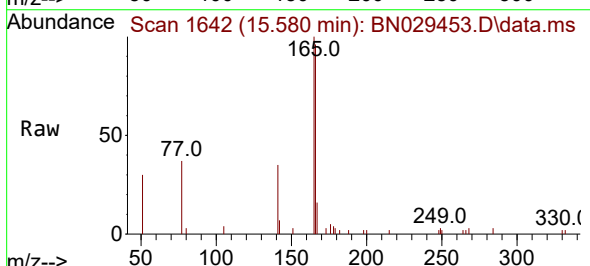
Tgt Ion:166 Resp: 2994

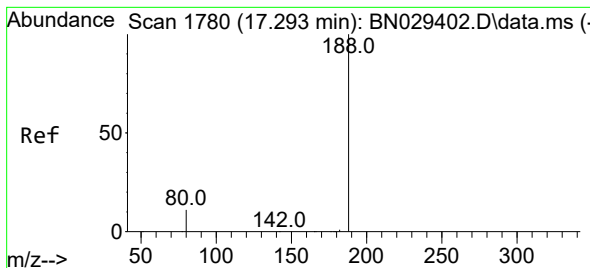
Ion Ratio Lower Upper

166 100

165 100.5 79.9 119.9

167 13.2 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.280 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN029453.D

Acq: 31 Jan 2024 17:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2023

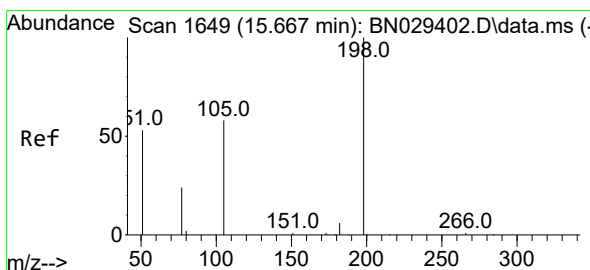
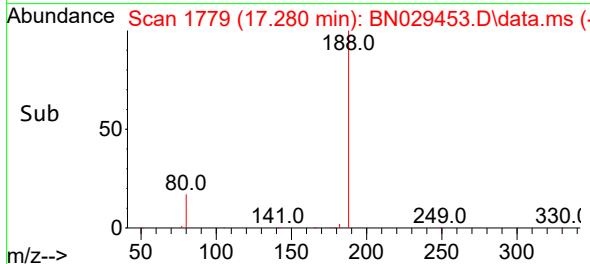
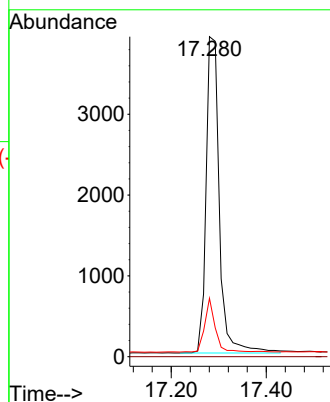
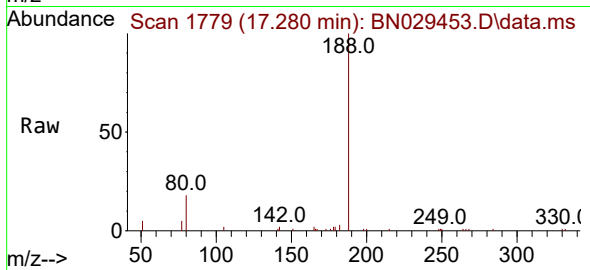
Tgt Ion:188 Resp: 7626

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 18.2 10.0 15.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.157 ng

RT: 15.667 min Scan# 1649

Delta R.T. -0.000 min

Lab File: BN029453.D

Acq: 31 Jan 2024 17:34

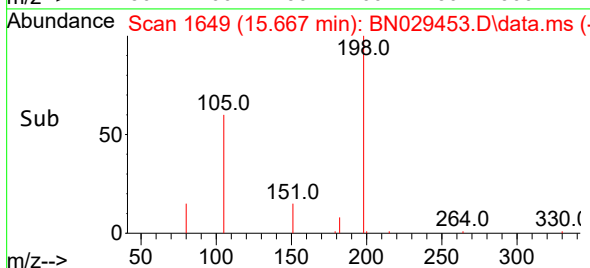
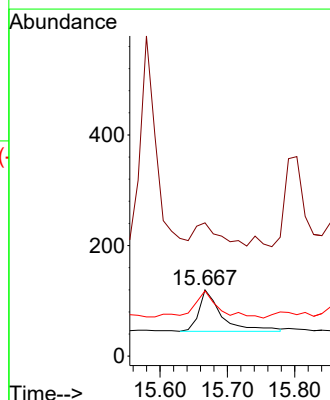
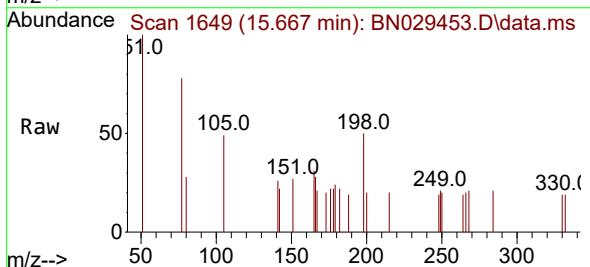
Tgt Ion:198 Resp: 176

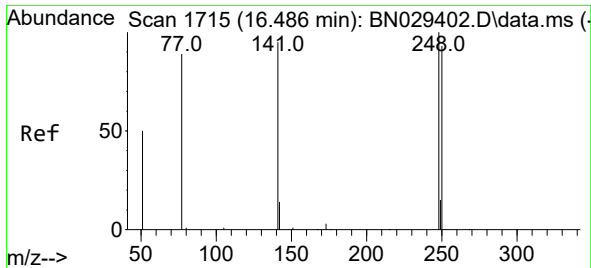
Ion Ratio Lower Upper

198 100

51 200.8 111.0 166.6#

105 98.3 67.0 100.6

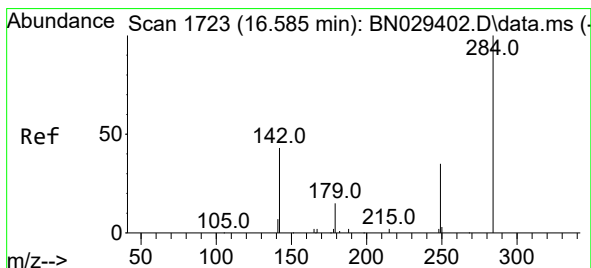
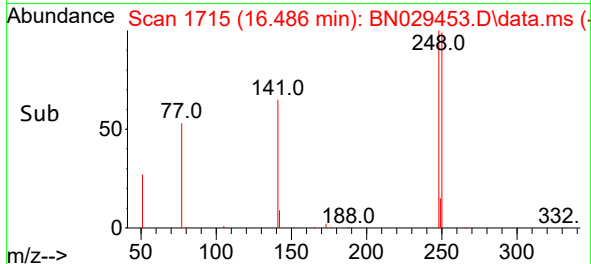
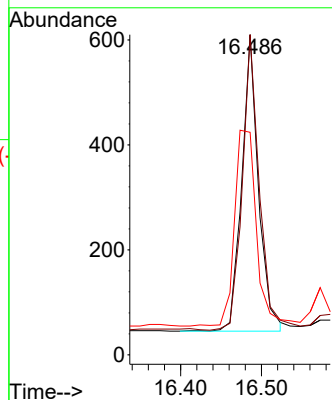
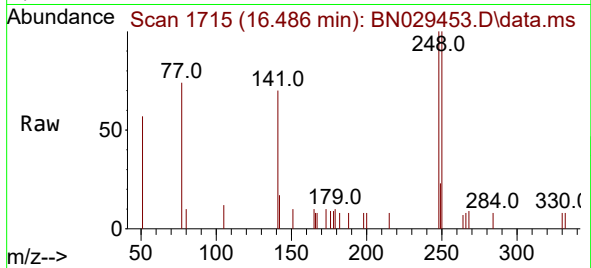




#21
4-Bromophenyl-phenylether
Concen: 0.179 ng
RT: 16.486 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN029453.D
Acq: 31 Jan 2024 17:34

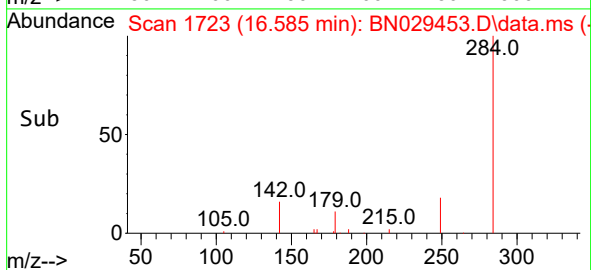
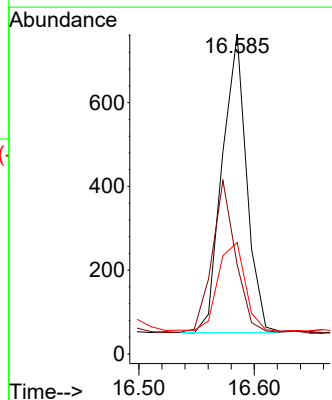
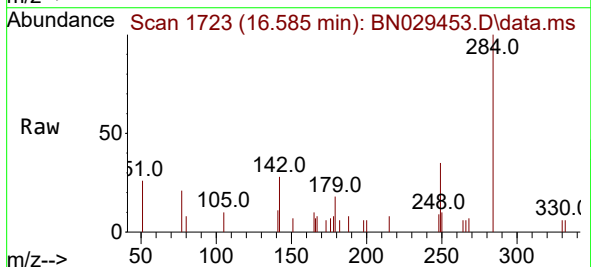
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2023

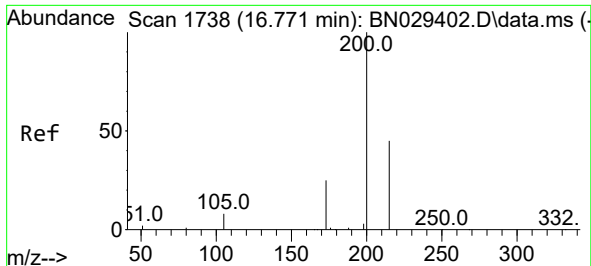
Tgt Ion:248 Resp: 813
Ion Ratio Lower Upper
248 100
250 100.0 75.0 112.4
141 69.5 77.0 115.6#



#22
Hexachlorobenzene
Concen: 0.188 ng
RT: 16.585 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN029453.D
Acq: 31 Jan 2024 17:34

Tgt Ion:284 Resp: 1046
Ion Ratio Lower Upper
284 100
142 49.2 39.4 59.2
249 33.5 26.9 40.3

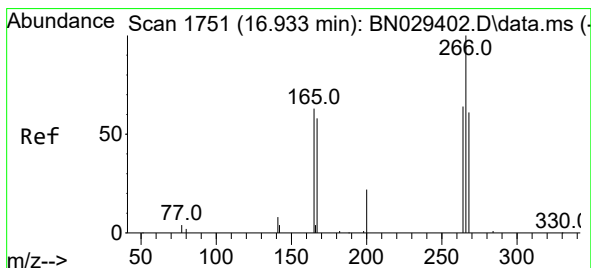
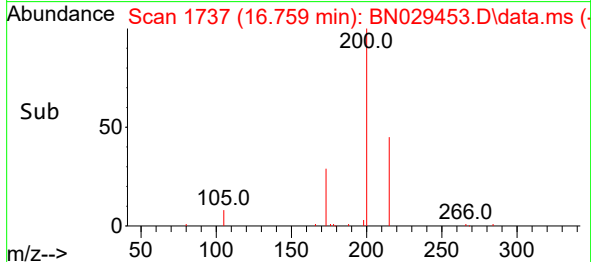
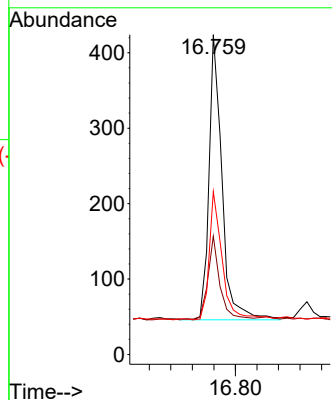
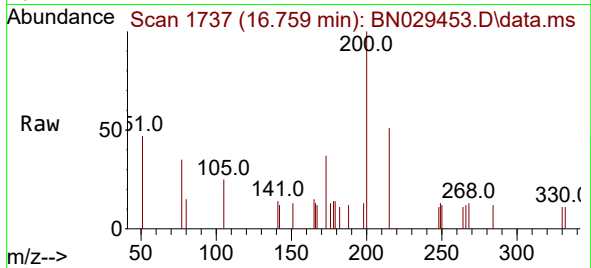




#23
Atrazine
Concen: 0.195 ng
RT: 16.759 min Scan# 1737
Delta R.T. -0.012 min
Lab File: BN029453.D
Acq: 31 Jan 2024 17:34

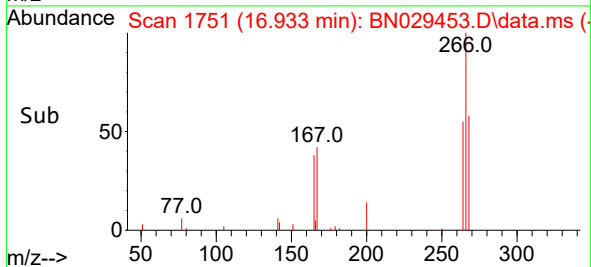
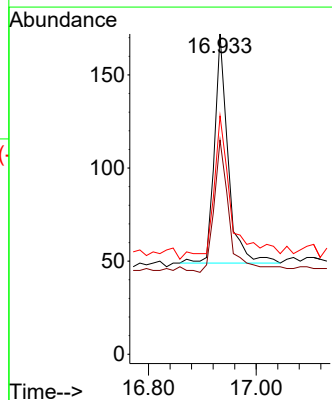
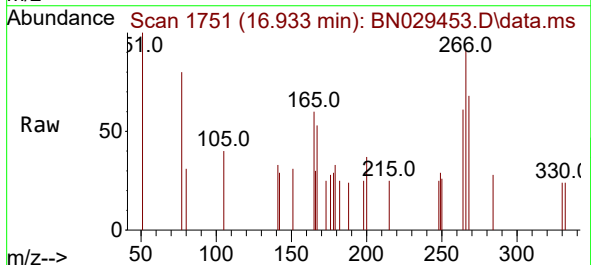
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2023

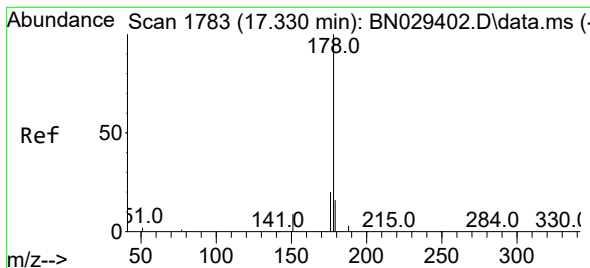
Tgt Ion:200 Resp: 629
Ion Ratio Lower Upper
200 100
173 37.0 23.4 35.0#
215 50.9 38.4 57.6



#24
Pentachlorophenol
Concen: 0.123 ng
RT: 16.933 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BN029453.D
Acq: 31 Jan 2024 17:34

Tgt Ion:266 Resp: 217
Ion Ratio Lower Upper
266 100
264 65.4 50.8 76.2
268 82.0 51.5 77.3#





#25

Phenanthrene

Concen: 0.189 ng

RT: 17.330 min Scan# 1783

Delta R.T. -0.000 min

Lab File: BN029453.D

Acq: 31 Jan 2024 17:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2023

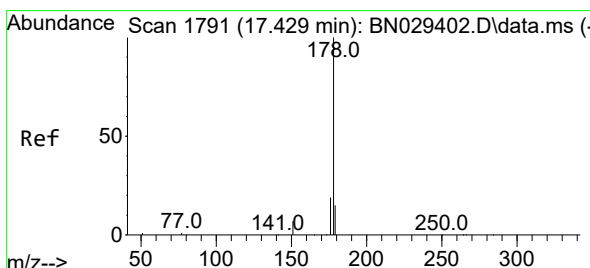
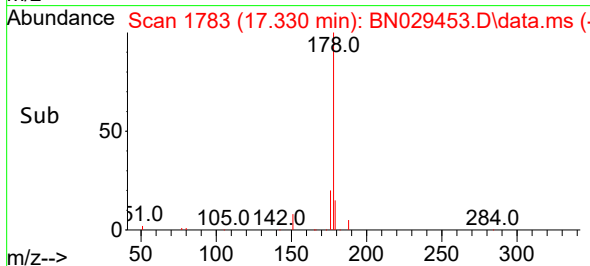
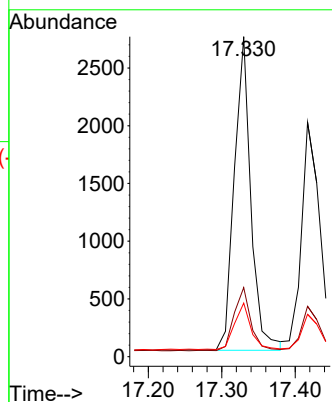
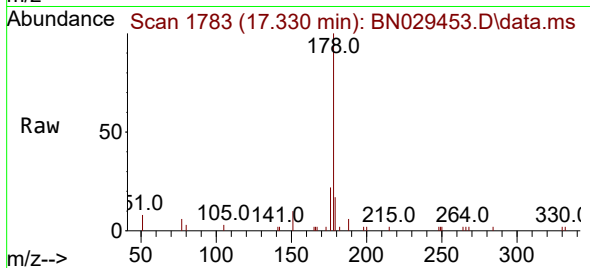
Tgt Ion:178 Resp: 4256

Ion Ratio Lower Upper

178 100

176 20.6 15.8 23.6

179 14.7 12.6 19.0



#26

Anthracene

Concen: 0.186 ng

RT: 17.417 min Scan# 1790

Delta R.T. -0.012 min

Lab File: BN029453.D

Acq: 31 Jan 2024 17:34

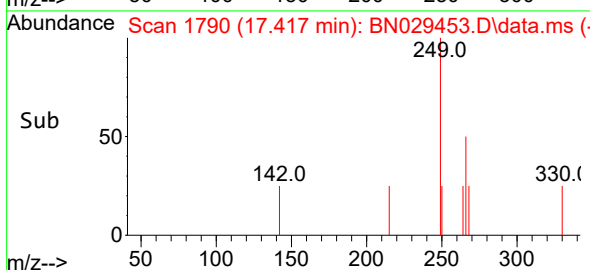
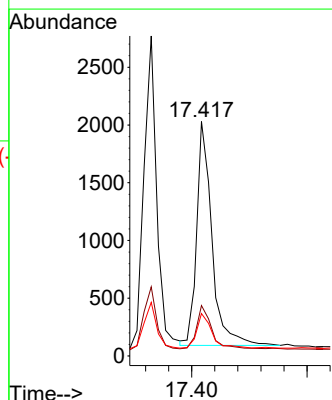
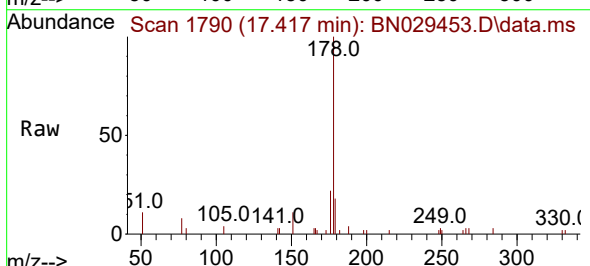
Tgt Ion:178 Resp: 3578

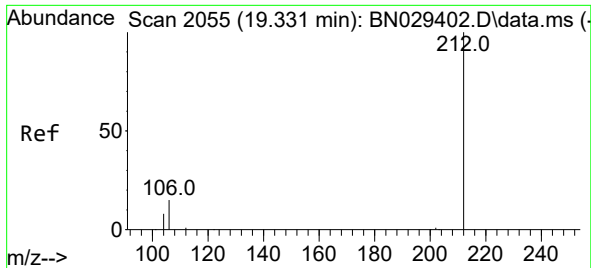
Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.4

179 15.1 12.3 18.5

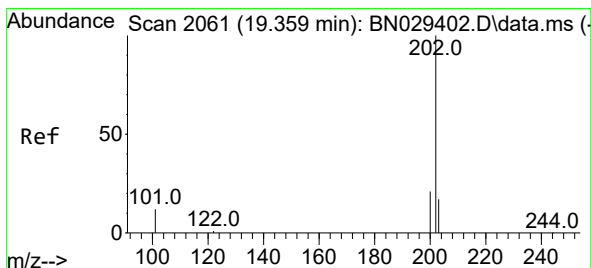
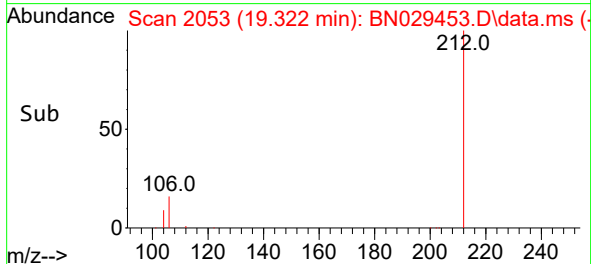
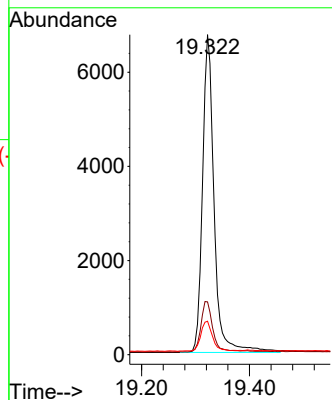
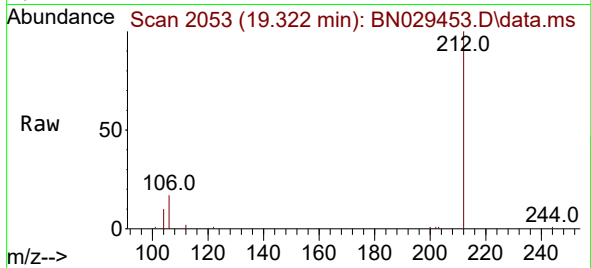




#27
Fluoranthene-d10
Concen: 0.545 ng
RT: 19.322 min Scan# 2053
Delta R.T. -0.009 min
Lab File: BN029453.D
Acq: 31 Jan 2024 17:34

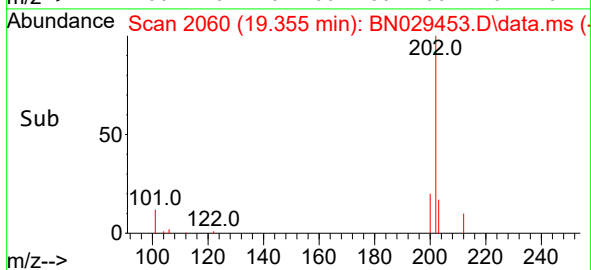
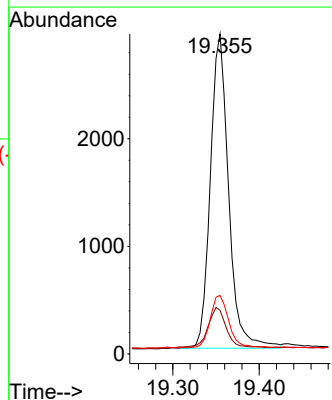
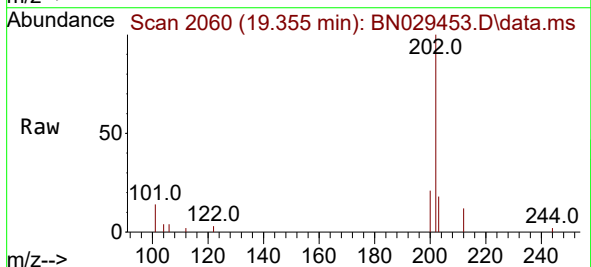
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2023

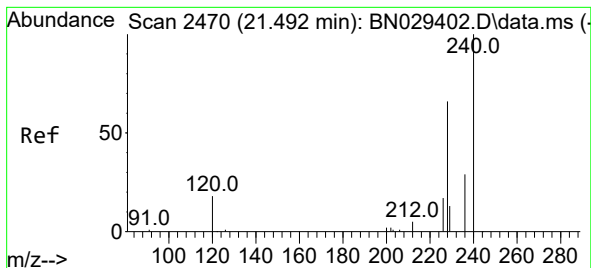
Tgt Ion:212 Resp: 10059
Ion Ratio Lower Upper
212 100
106 16.0 13.2 19.8
104 9.7 7.7 11.5



#28
Fluoranthene
Concen: 0.170 ng
RT: 19.355 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BN029453.D
Acq: 31 Jan 2024 17:34

Tgt Ion:202 Resp: 4302
Ion Ratio Lower Upper
202 100
101 13.8 10.5 15.7
203 17.0 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.492 min Scan# 2470

Delta R.T. -0.000 min

Lab File: BN029453.D

Acq: 31 Jan 2024 17:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2023

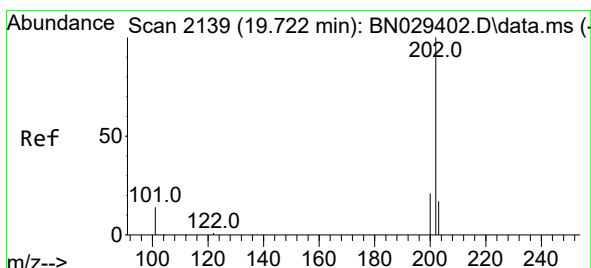
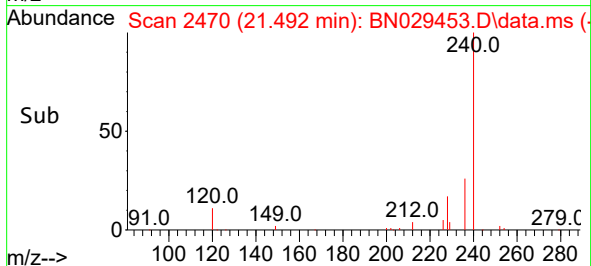
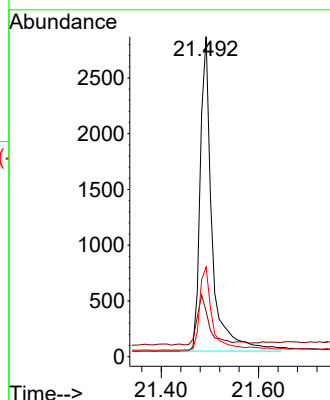
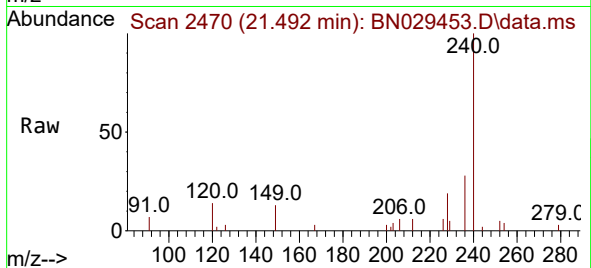
Tgt Ion:240 Resp: 4783

Ion Ratio Lower Upper

240 100

120 14.2 16.7 25.1#

236 28.0 23.9 35.9



#30

Pyrene

Concen: 0.200 ng

RT: 19.717 min Scan# 2138

Delta R.T. -0.005 min

Lab File: BN029453.D

Acq: 31 Jan 2024 17:34

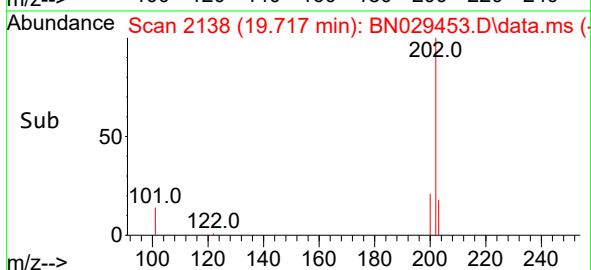
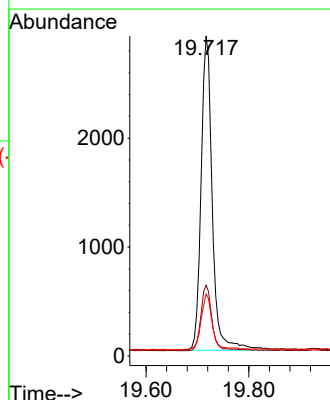
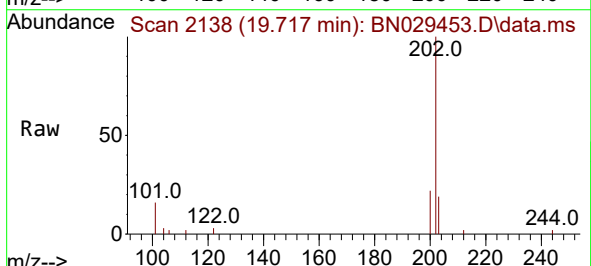
Tgt Ion:202 Resp: 4393

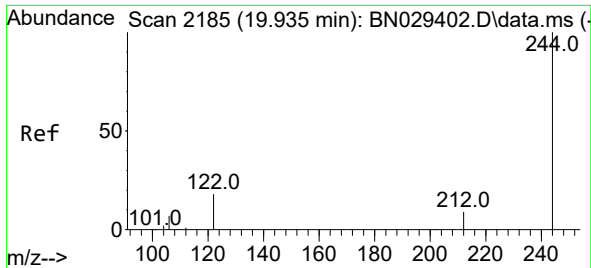
Ion Ratio Lower Upper

202 100

200 20.3 16.6 25.0

203 17.3 14.2 21.4

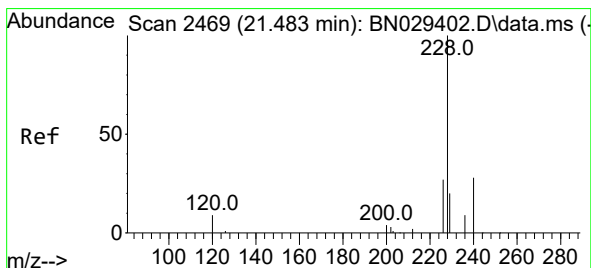
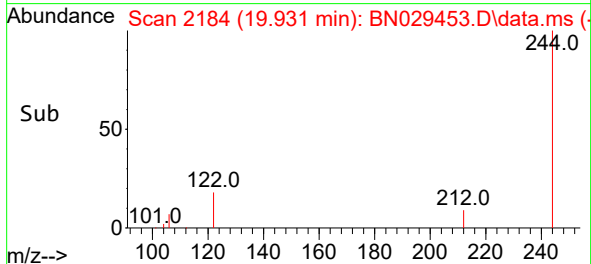
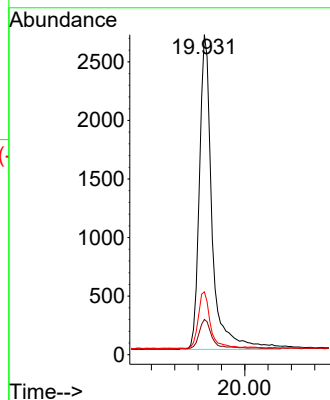
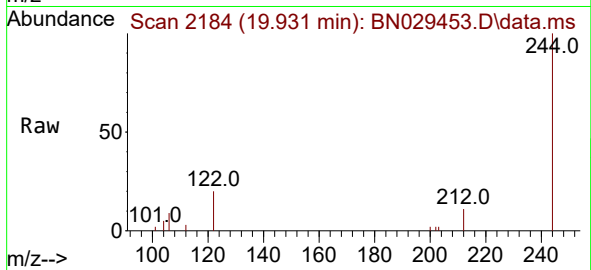




#31
 Terphenyl-d14
 Concen: 0.343 ng
 RT: 19.931 min Scan# 2184
 Delta R.T. -0.005 min
 Lab File: BN029453.D
 Acq: 31 Jan 2024 17:34

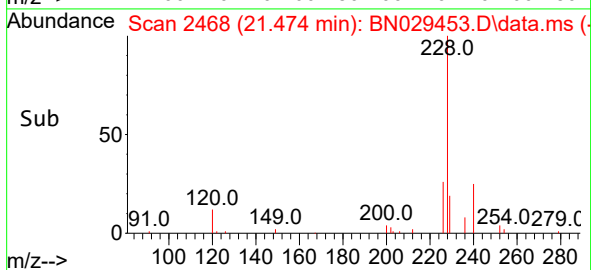
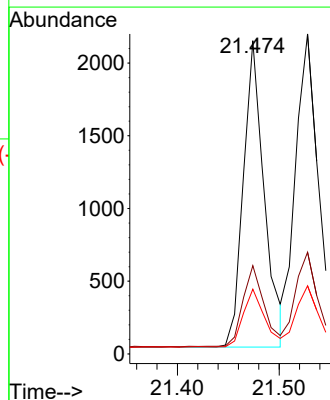
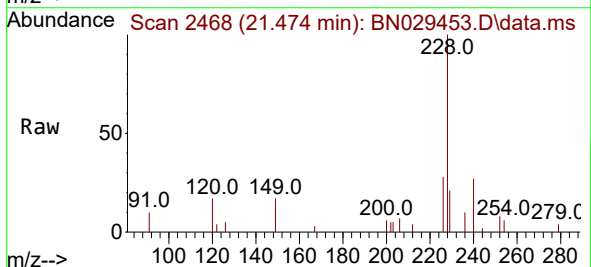
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2023

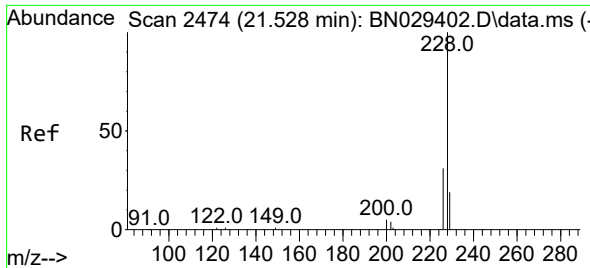
Tgt Ion:244 Resp: 4074
 Ion Ratio Lower Upper
 244 100
 212 11.0 8.2 12.4
 122 19.7 15.6 23.4



#32
 Benzo(a)anthracene
 Concen: 0.184 ng
 RT: 21.474 min Scan# 2468
 Delta R.T. -0.009 min
 Lab File: BN029453.D
 Acq: 31 Jan 2024 17:34

Tgt Ion:228 Resp: 3005
 Ion Ratio Lower Upper
 228 100
 226 28.2 22.2 33.4
 229 20.7 16.5 24.7





#33

Chrysene

Concen: 0.193 ng

RT: 21.528 min Scan# 2474

Delta R.T. -0.000 min

Lab File: BN029453.D

Acq: 31 Jan 2024 17:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2023

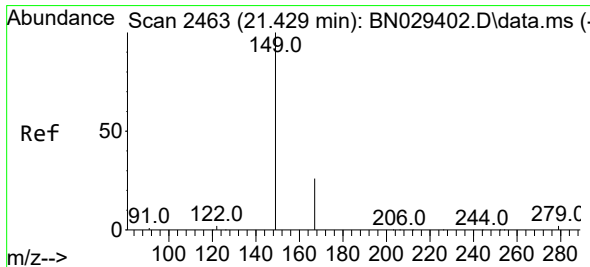
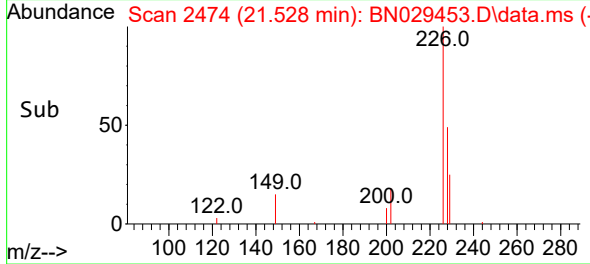
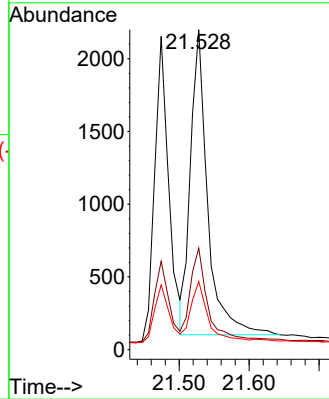
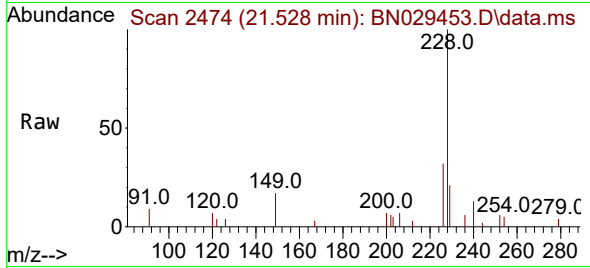
Tgt Ion:228 Resp: 3581

Ion Ratio Lower Upper

228 100

226 31.8 24.9 37.3

229 21.3 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.197 ng

RT: 21.420 min Scan# 2462

Delta R.T. -0.009 min

Lab File: BN029453.D

Acq: 31 Jan 2024 17:34

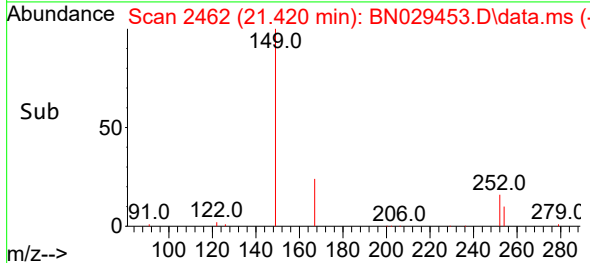
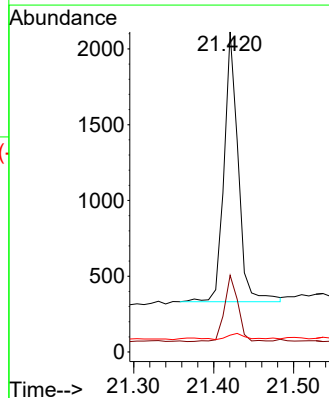
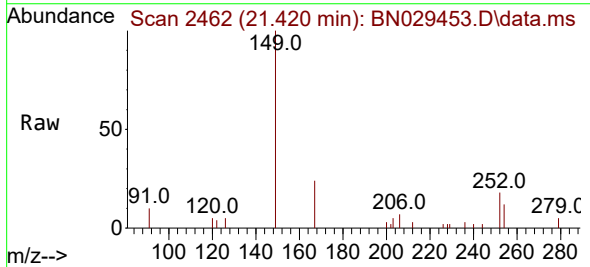
Tgt Ion:149 Resp: 2191

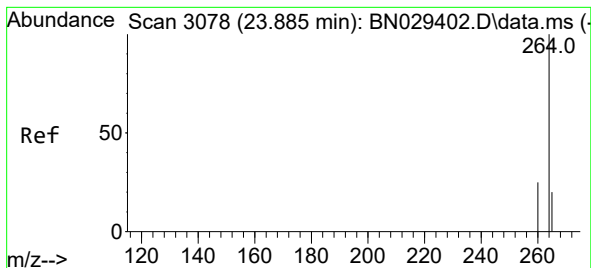
Ion Ratio Lower Upper

149 100

167 23.7 20.1 30.1

279 2.9 2.5 3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.870 min Scan# 3073

Delta R.T. -0.015 min

Lab File: BN029453.D

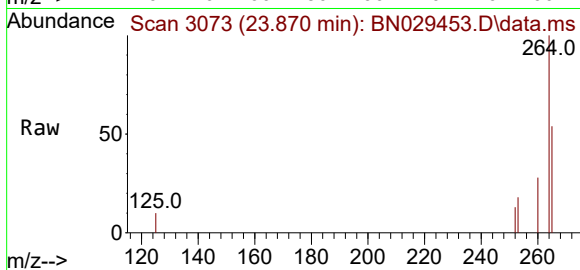
Acq: 31 Jan 2024 17:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2023



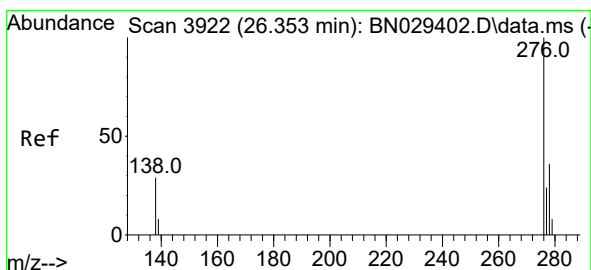
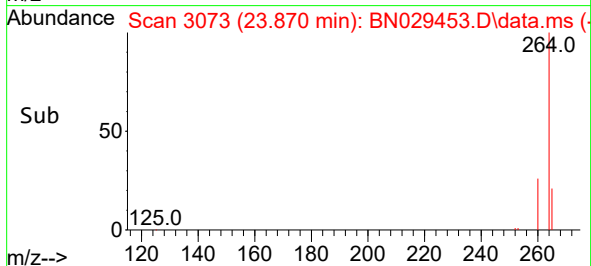
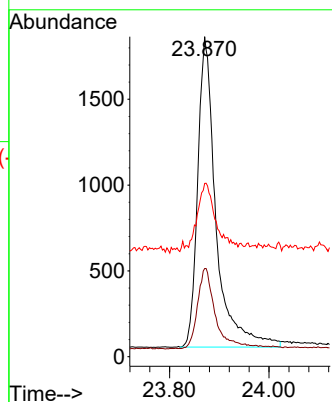
Tgt Ion:264 Resp: 4613

Ion Ratio Lower Upper

264 100

260 27.6 21.2 31.8

265 54.2 41.5 62.3



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.173 ng

RT: 26.344 min Scan# 3919

Delta R.T. -0.009 min

Lab File: BN029453.D

Acq: 31 Jan 2024 17:34

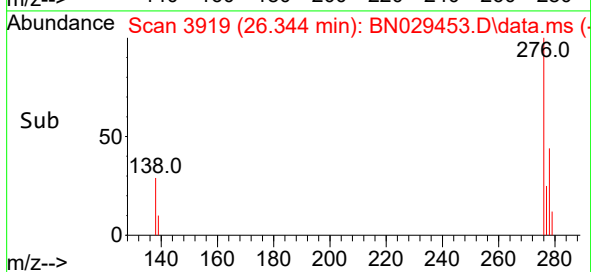
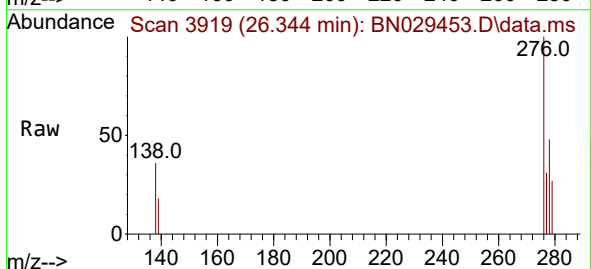
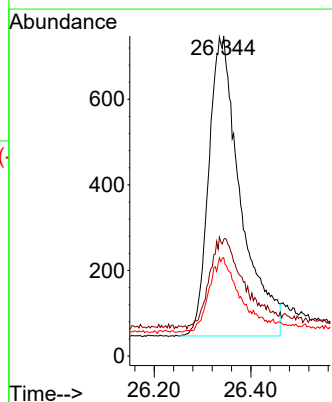
Tgt Ion:276 Resp: 3207

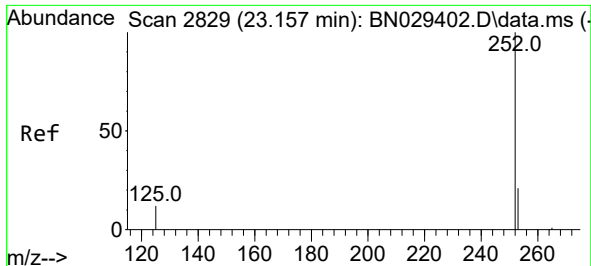
Ion Ratio Lower Upper

276 100

138 12.8 20.5 30.7#

277 20.9 17.0 25.4





#37

Benzo(b)fluoranthene

Concen: 0.179 ng

RT: 23.148 min Scan# 2826

Delta R.T. -0.009 min

Lab File: BN029453.D

Acq: 31 Jan 2024 17:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2023

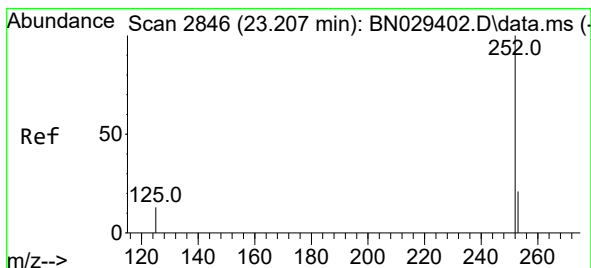
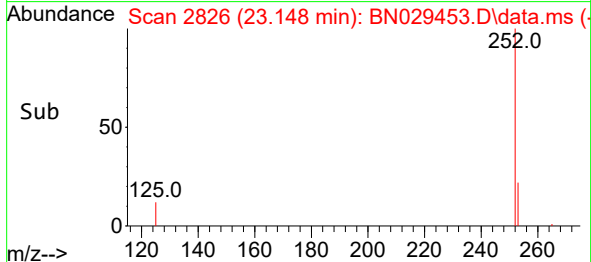
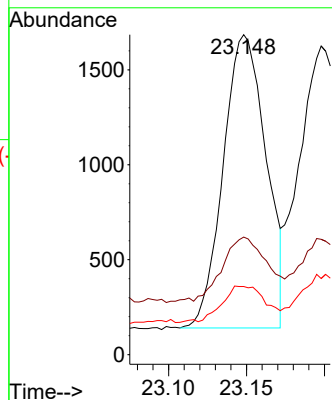
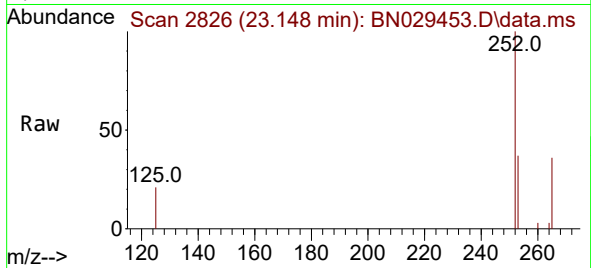
Tgt Ion:252 Resp: 2952

Ion Ratio Lower Upper

252 100

253 36.7 21.7 32.5#

125 21.3 13.3 19.9#



#38

Benzo(k)fluoranthene

Concen: 0.169 ng

RT: 23.198 min Scan# 2843

Delta R.T. -0.009 min

Lab File: BN029453.D

Acq: 31 Jan 2024 17:34

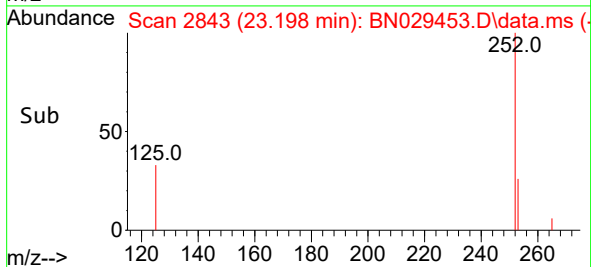
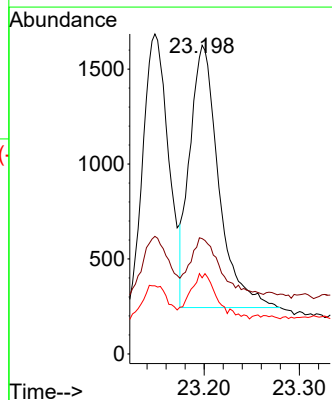
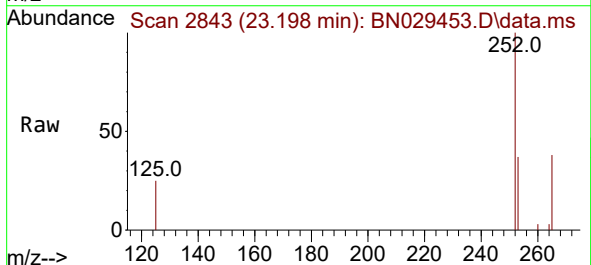
Tgt Ion:252 Resp: 2922

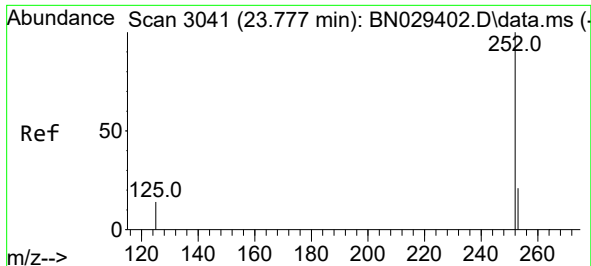
Ion Ratio Lower Upper

252 100

253 37.4 21.8 32.8#

125 24.7 13.9 20.9#

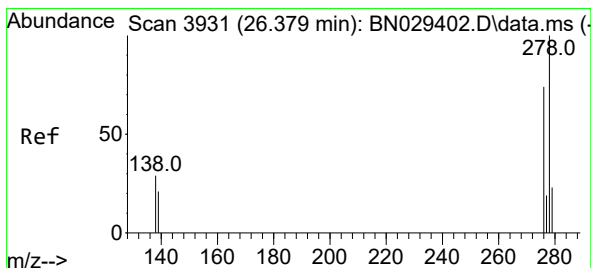
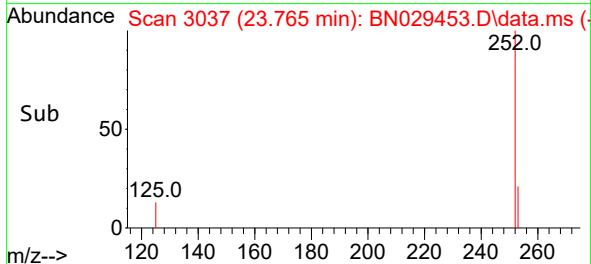
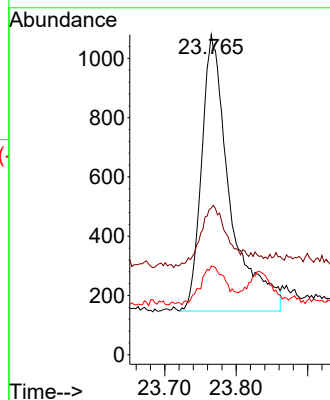
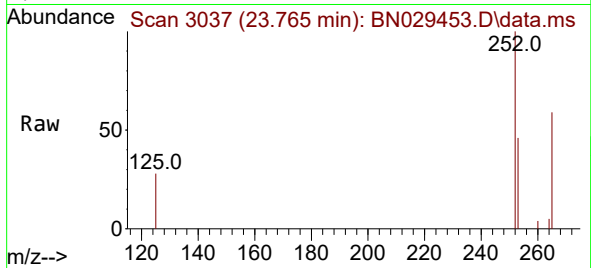




#39
Benzo(a)pyrene
Concen: 0.178 ng
RT: 23.765 min Scan# 3041
Delta R.T. -0.012 min
Lab File: BN029453.D
Acq: 31 Jan 2024 17:34

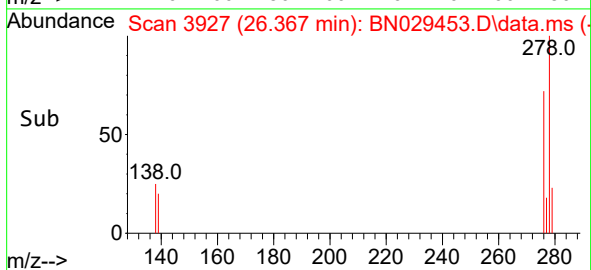
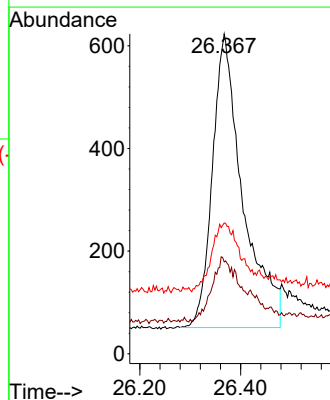
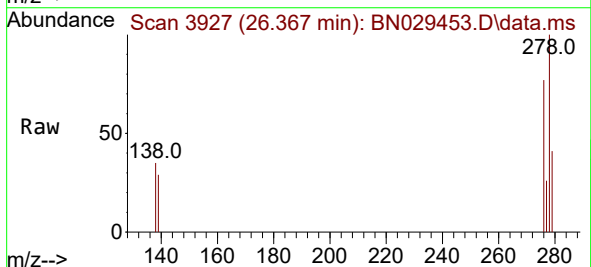
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2023

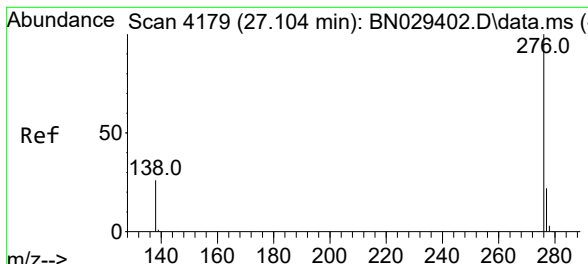
Tgt Ion:252 Resp: 2563
Ion Ratio Lower Upper
252 100
253 45.8 24.9 37.3#
125 27.8 16.6 25.0#



#40
Dibenzo(a,h)anthracene
Concen: 0.162 ng
RT: 26.367 min Scan# 3927
Delta R.T. -0.012 min
Lab File: BN029453.D
Acq: 31 Jan 2024 17:34

Tgt Ion:278 Resp: 2394
Ion Ratio Lower Upper
278 100
139 28.7 20.4 30.6
279 40.9 25.0 37.6#





#41

Benzo(g,h,i)perylene

Concen: 0.171 ng

RT: 27.086 min Scan# 41

Delta R.T. -0.018 min

Lab File: BN029453.D

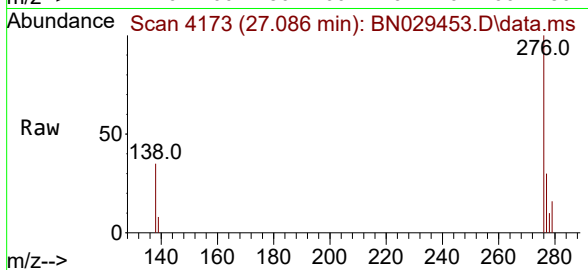
Acq: 31 Jan 2024 17:34

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2023



Tgt Ion:276 Resp: 3069

Ion Ratio Lower Upper

276 100

277 30.3 19.4 29.2#

138 34.9 23.5 35.3

