

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053123\
 Data File : BN025746.D
 Acq On : 31 May 2023 19:21
 Operator : CG/JU
 Sample : 02213-03
 Misc : MDL-MDL-SOIL-0.2ng
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2023

Quant Time: Jun 01 01:22:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 01:04:04 2023
 Response via : Initial Calibration

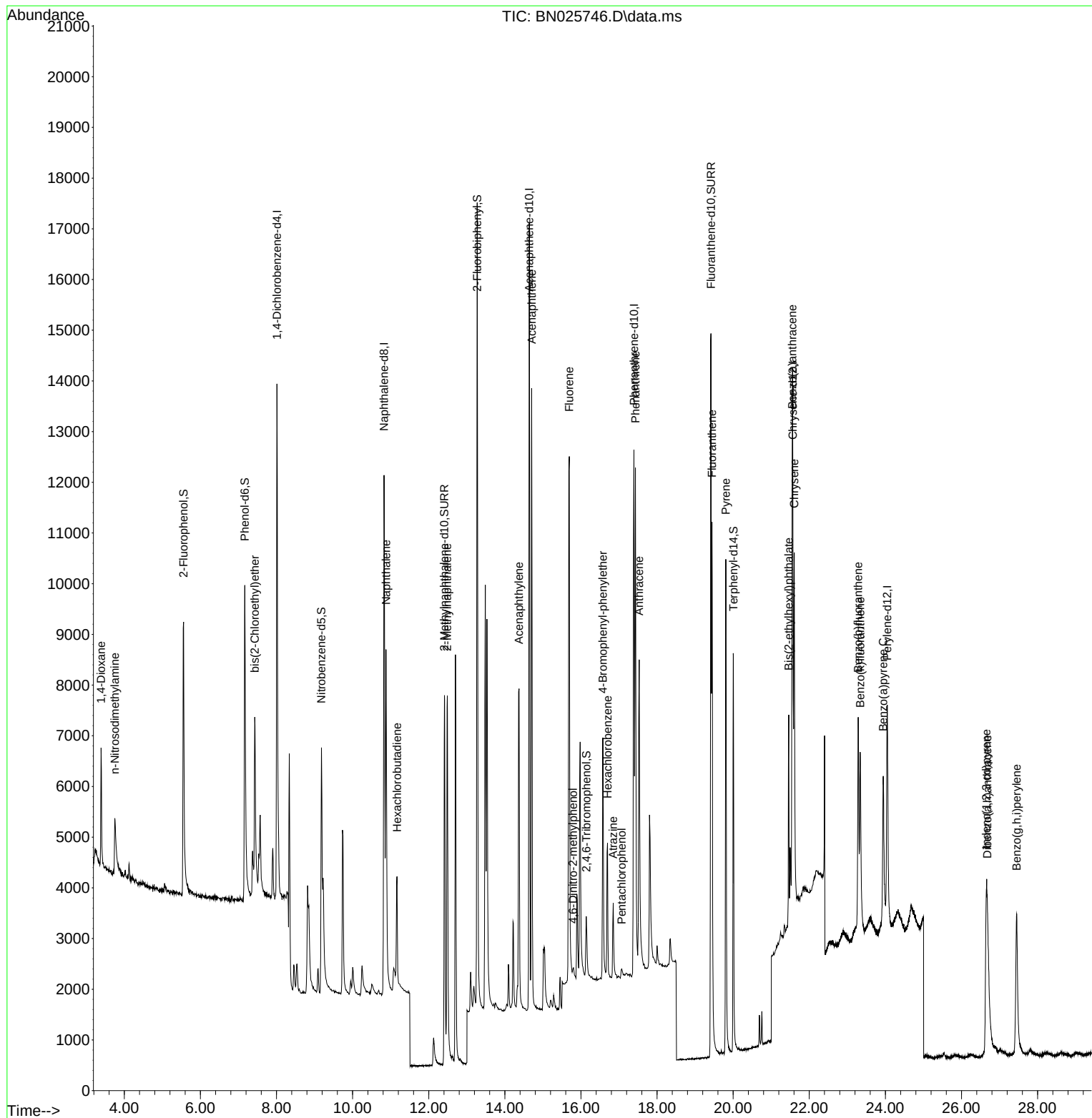
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	5622	0.400	ng	0.00
7) Naphthalene-d8	10.825	136	15723	0.400	ng	0.00
13) Acenaphthene-d10	14.641	164	8928	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	17323	0.400	ng	# 0.01
29) Chrysene-d12	21.569	240	8226	0.400	ng	0.00
35) Perylene-d12	24.048	264	7502	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.557	112	5820	0.368	ng	0.00
5) Phenol-d6	7.167	99	7078	0.365	ng	0.00
8) Nitrobenzene-d5	9.180	82	5450	0.373	ng	0.01
11) 2-Methylnaphthalene-d10	12.412	152	12184	0.538	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	852	0.310	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	15239	0.404	ng	0.00
27) Fluoranthene-d10	19.416	212	18240	0.512	ng	0.00
31) Terphenyl-d14	20.006	244	8603	0.431	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	1583	0.240	ng	98
3) n-Nitrosodimethylamine	3.751	42	1166	0.138	ng	# 96
6) bis(2-Chloroethyl)ether	7.427	93	4810	0.273	ng	# 80
9) Naphthalene	10.878	128	10301	0.219	ng	98
10) Hexachlorobutadiene	11.166	225	1701	0.235	ng	# 99
12) 2-Methylnaphthalene	12.487	142	6332	0.212	ng	99
16) Acenaphthylene	14.373	152	8672	0.202	ng	100
17) Acenaphthene	14.705	154	6027	0.214	ng	99
18) Fluorene	15.693	166	7669	0.211	ng	100
20) 4,6-Dinitro-2-methylph...	15.792	198	328	0.105	ng	# 5
21) 4-Bromophenyl-phenylether	16.574	248	2023	0.202	ng	# 79
22) Hexachlorobenzene	16.698	284	1995	0.232	ng	99
23) Atrazine	16.847	200	1708	0.209	ng	94
24) Pentachlorophenol	17.071	266	179	0.056	ng	92
25) Phenanthrene	17.431	178	11215	0.211	ng	99
26) Anthracene	17.530	178	9598	0.197	ng	99
28) Fluoranthene	19.444	202	10310	0.196	ng	99
30) Pyrene	19.807	202	10453	0.224	ng	99
32) Benzo(a)anthracene	21.551	228	6369	0.201	ng	99
33) Chrysene	21.605	228	7174	0.213	ng	99
34) Bis(2-ethylhexyl)phtha...	21.462	149	4012	0.212	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.651	276	6897	0.213	ng	97
37) Benzo(b)fluoranthene	23.285	252	6068	0.205	ng	# 74
38) Benzo(k)fluoranthene	23.338	252	6059	0.200	ng	# 72
39) Benzo(a)pyrene	23.943	252	5642	0.201	ng	# 66
40) Dibenzo(a,h)anthracene	26.680	278	5571	0.214	ng	# 76
41) Benzo(g,h,i)perylene	27.452	276	6643	0.228	ng	97

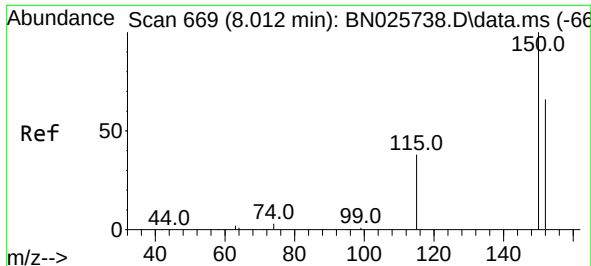
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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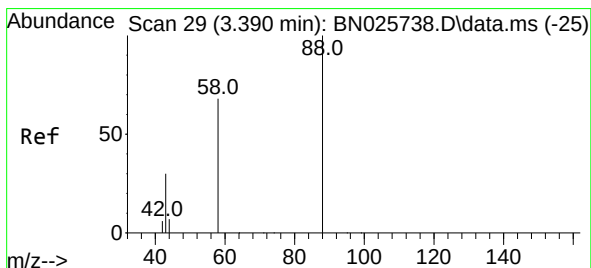
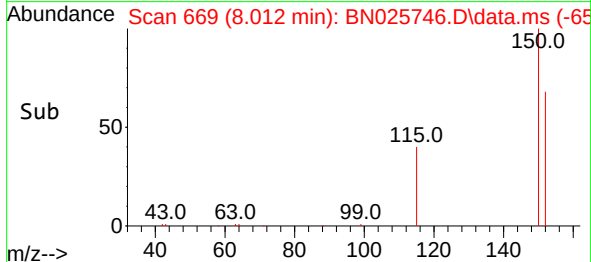
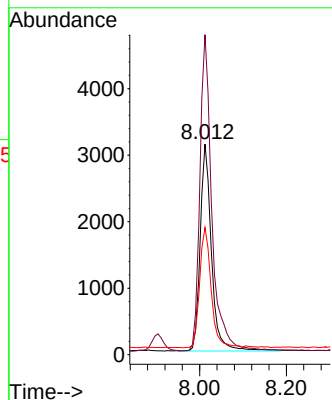
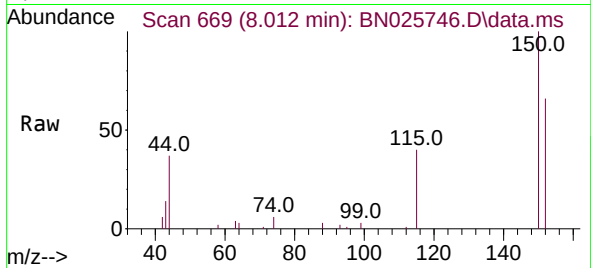




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.012 min Scan# 669
 Delta R.T. 0.000 min
 Lab File: BN025746.D
 Acq: 31 May 2023 19:21

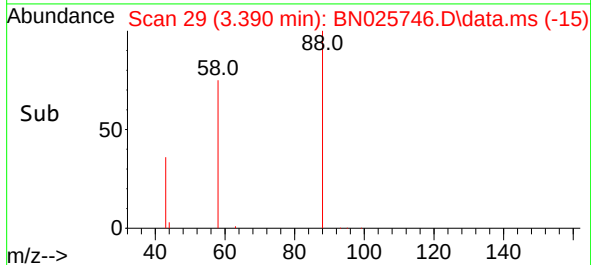
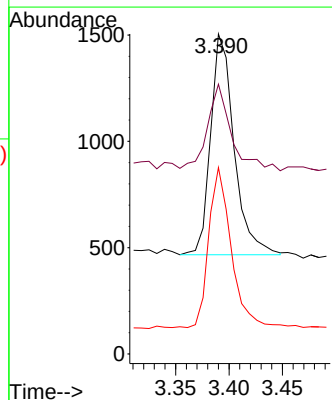
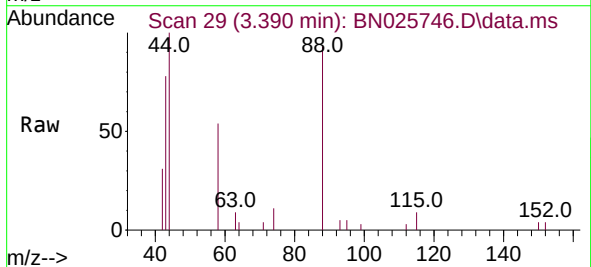
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 MDL-SOIL-03-QT2-2023

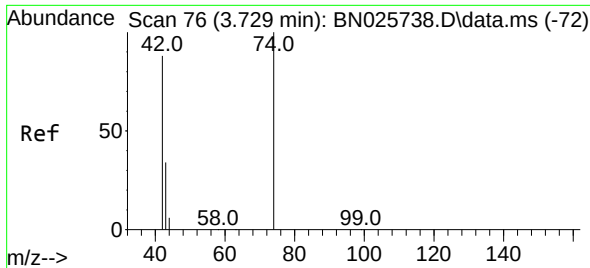
Tgt Ion:152 Resp: 5622
 Ion Ratio Lower Upper
 152 100
 150 152.0 121.5 182.3
 115 60.4 47.7 71.5



#2
 1,4-Dioxane
 Concen: 0.240 ng
 RT: 3.390 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: BN025746.D
 Acq: 31 May 2023 19:21

Tgt Ion: 88 Resp: 1583
 Ion Ratio Lower Upper
 88 100
 43 40.3 31.0 46.4
 58 69.6 57.3 85.9

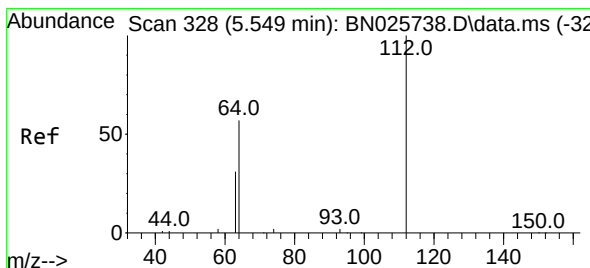
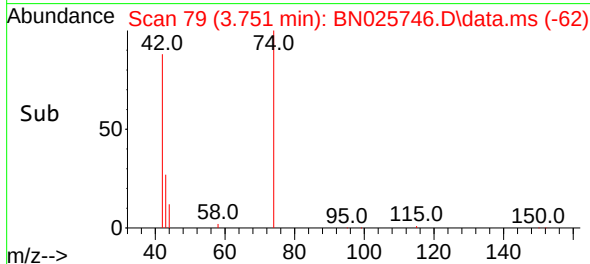
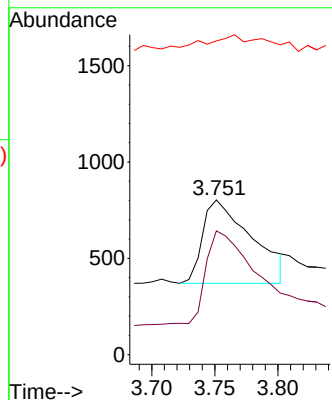
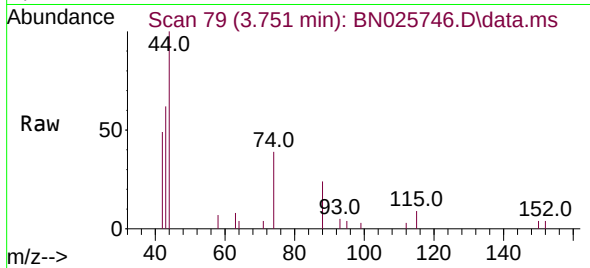




#3
n-Nitrosodimethylamine
Concen: 0.138 ng
RT: 3.751 min Scan# 74
Delta R.T. 0.022 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

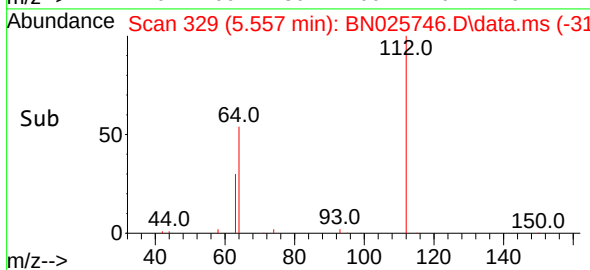
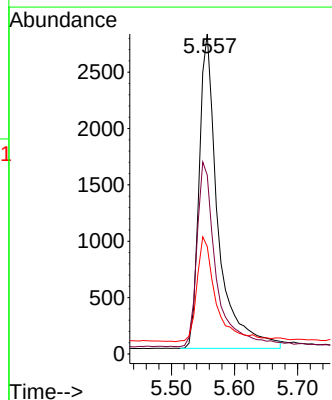
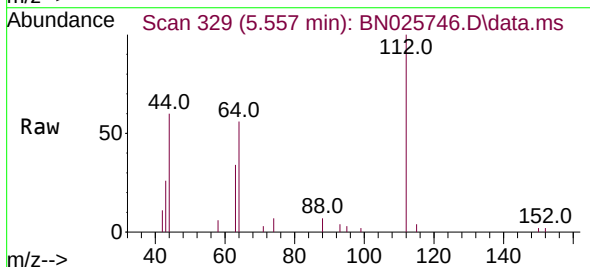
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BNA_N
ClientSampleId :
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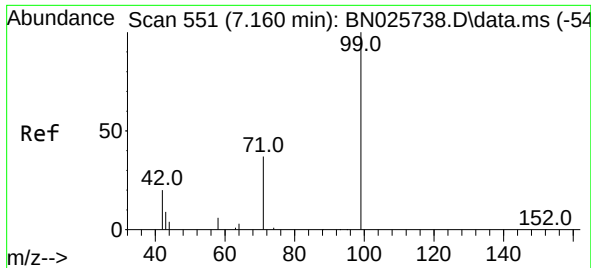
Tgt Ion: 42 Resp: 1166
Ion Ratio Lower Upper
42 100
74 115.7 90.5 135.7
44 17.8 4.4 6.6#



#4
2-Fluorophenol
Concen: 0.368 ng
RT: 5.557 min Scan# 329
Delta R.T. 0.007 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

Tgt Ion: 112 Resp: 5820
Ion Ratio Lower Upper
112 100
64 59.8 47.5 71.3
63 33.8 26.2 39.4

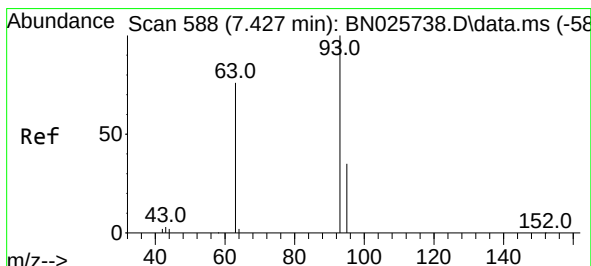
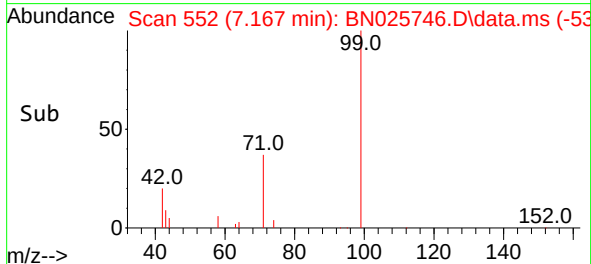
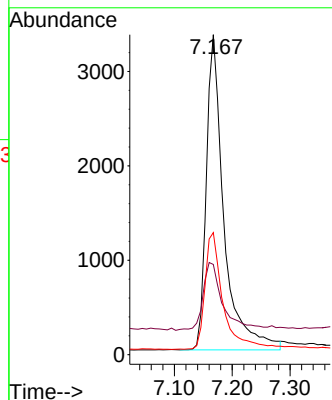
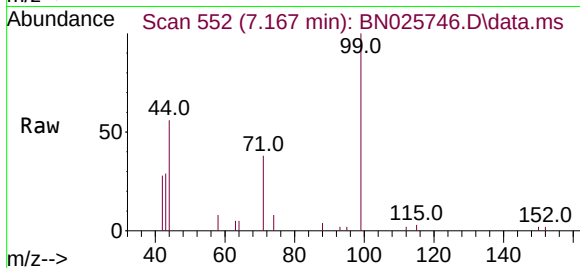




#5
Phenol-d6
Concen: 0.365 ng
RT: 7.167 min Scan# 511
Delta R.T. 0.007 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

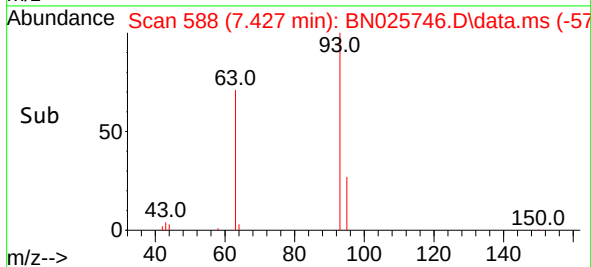
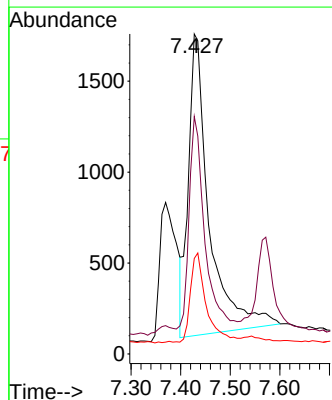
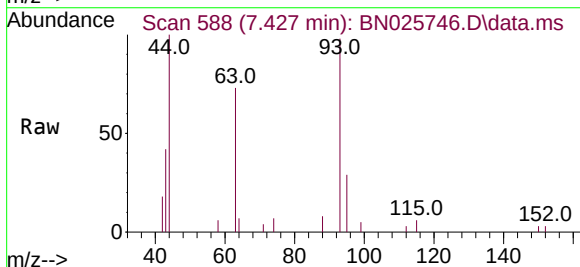
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT2-2023

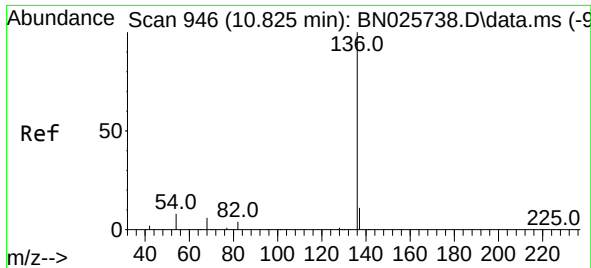
Tgt Ion: 99 Resp: 7078
Ion Ratio Lower Upper
99 100
42 24.2 18.6 28.0
71 38.3 30.5 45.7



#6
bis(2-Chloroethyl)ether
Concen: 0.273 ng
RT: 7.427 min Scan# 588
Delta R.T. 0.000 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

Tgt Ion: 93 Resp: 4810
Ion Ratio Lower Upper
93 100
63 52.8 56.4 84.6#
95 22.4 24.6 37.0#

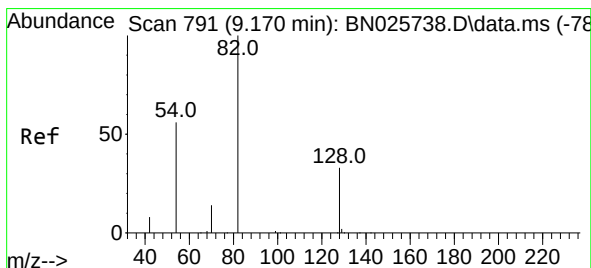
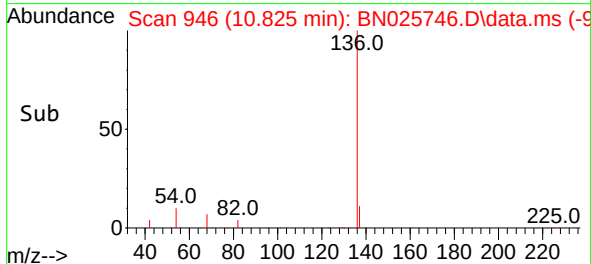
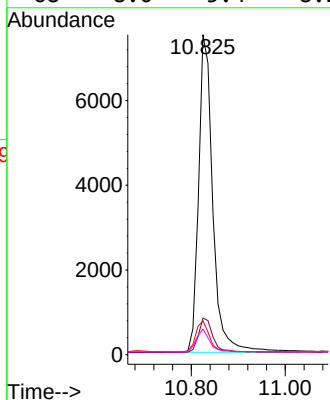
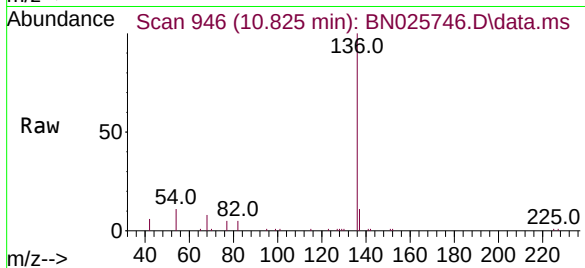




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.825 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

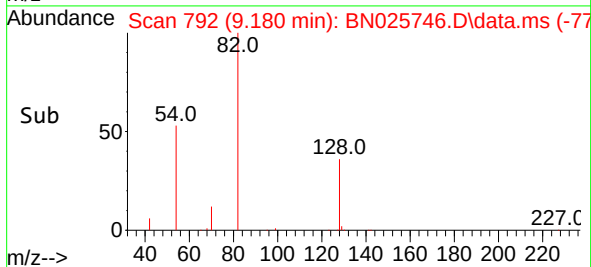
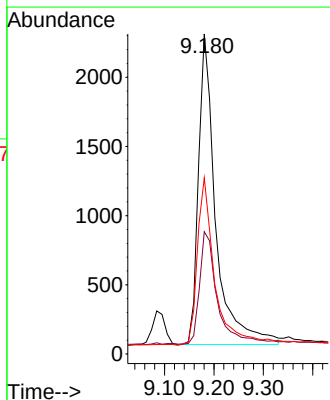
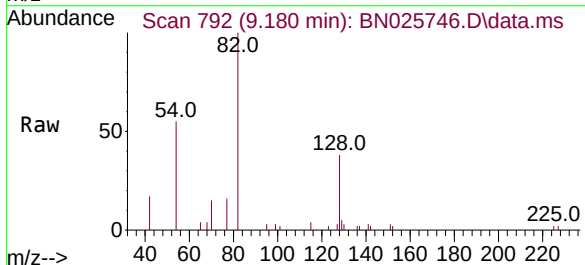
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ClientSampleId :
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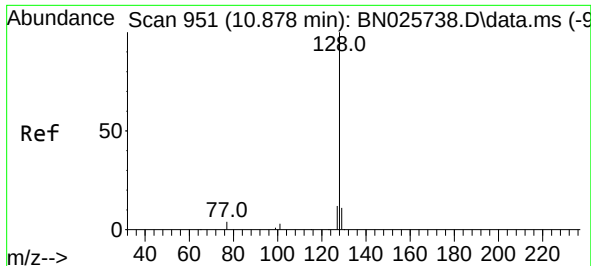
Tgt Ion:	136	Resp:	15723
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	10.6	7.2	10.8
68	8.0	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 9.180 min Scan# 792
Delta R.T. 0.011 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

Tgt Ion:	82	Resp:	5450
Ion	Ratio	Lower	Upper
82	100		
128	38.2	27.6	41.4
54	55.1	45.7	68.5

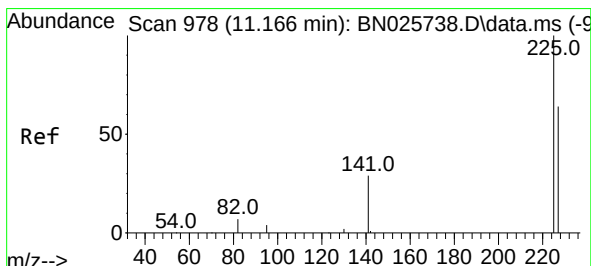
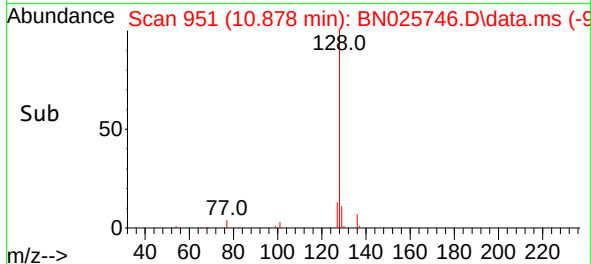
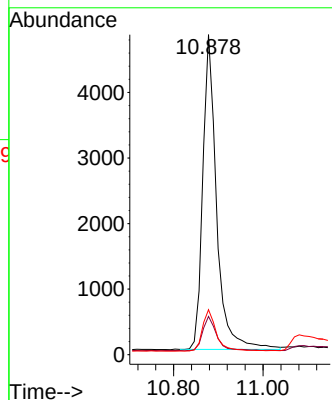
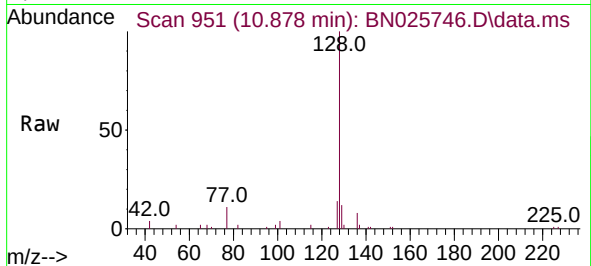




#9
Naphthalene
Concen: 0.219 ng
RT: 10.878 min Scan# 951
Delta R.T. 0.000 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

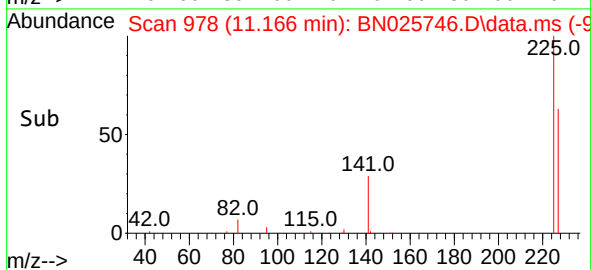
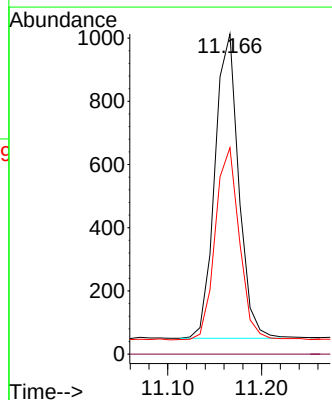
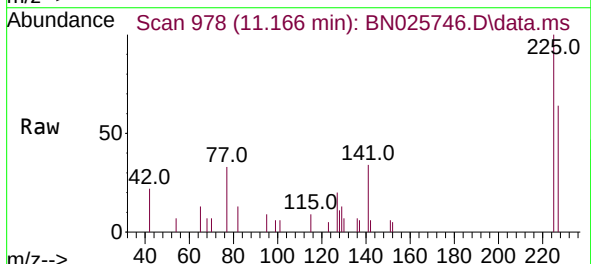
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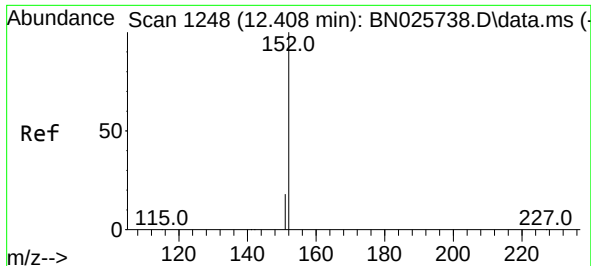
Tgt Ion:128 Resp: 10301
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 14.1 10.3 15.5



#10
Hexachlorobutadiene
Concen: 0.235 ng
RT: 11.166 min Scan# 978
Delta R.T. 0.000 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

Tgt Ion:225 Resp: 1701
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.0 50.4 75.6

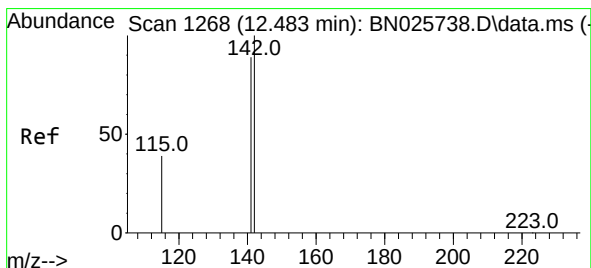
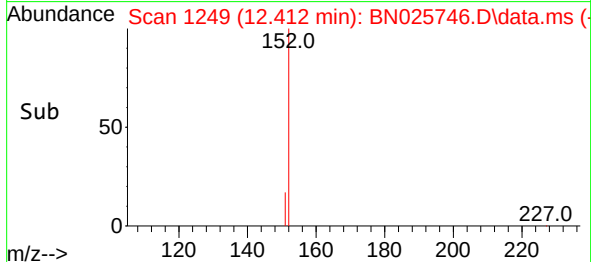
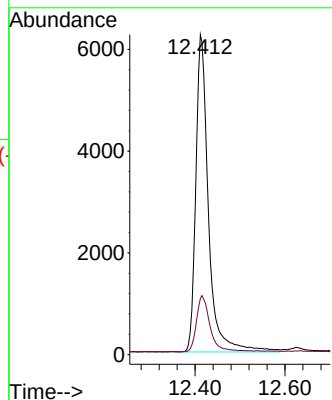
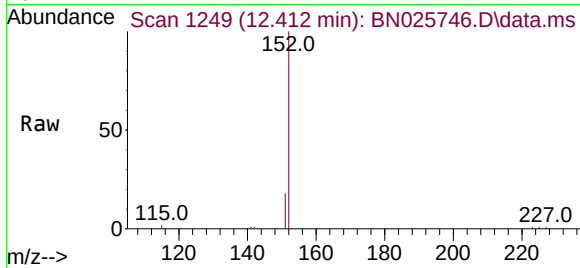




#11
2-Methylnaphthalene-d10
Concen: 0.538 ng
RT: 12.412 min Scan# 1249
Delta R.T. 0.004 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

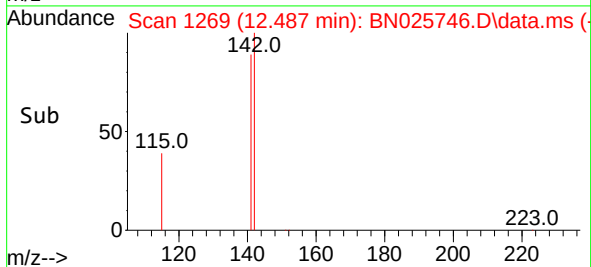
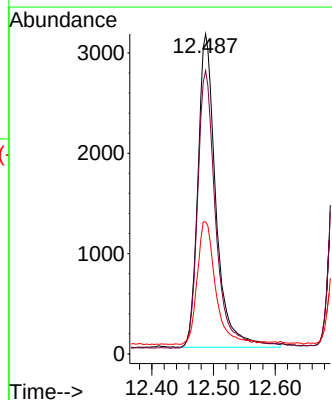
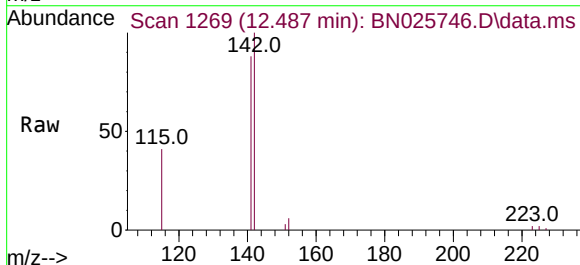
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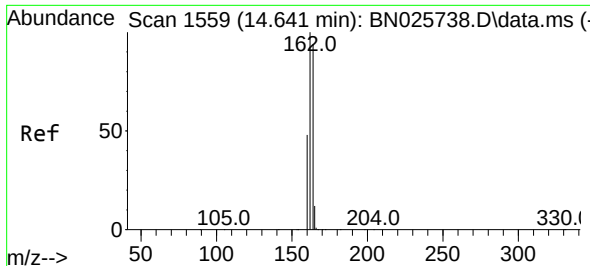
Tgt Ion:152 Resp: 12184
Ion Ratio Lower Upper
152 100
151 18.7 16.4 24.6



#12
2-Methylnaphthalene
Concen: 0.212 ng
RT: 12.487 min Scan# 1269
Delta R.T. 0.004 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

Tgt Ion:142 Resp: 6332
Ion Ratio Lower Upper
142 100
141 88.5 71.2 106.8
115 41.3 31.7 47.5

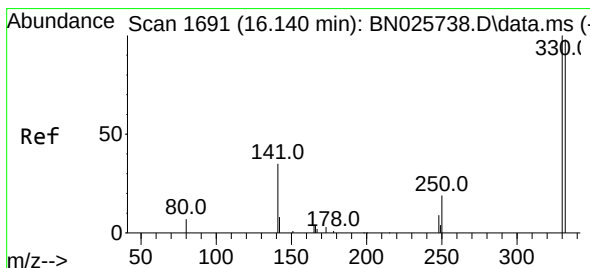
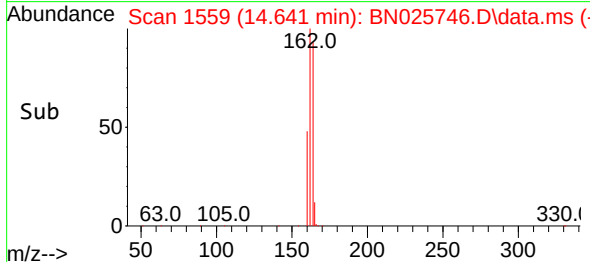
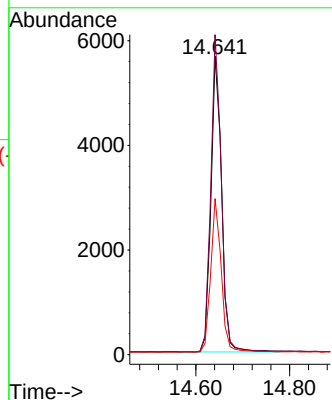
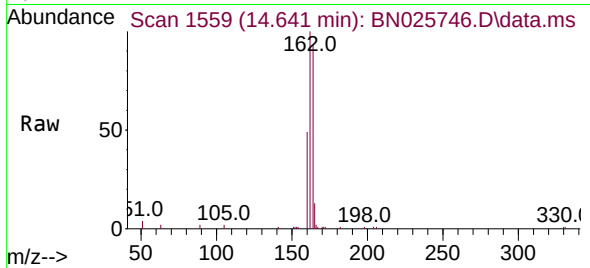




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.641 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

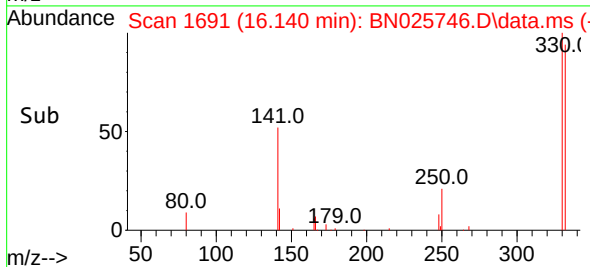
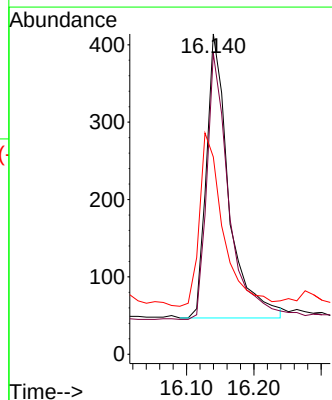
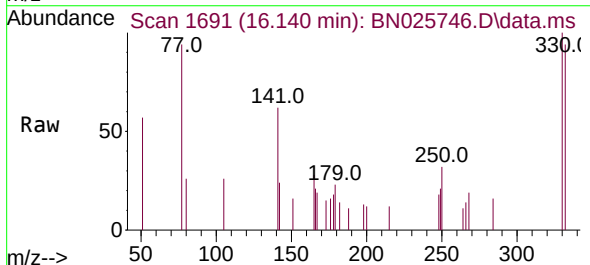
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023

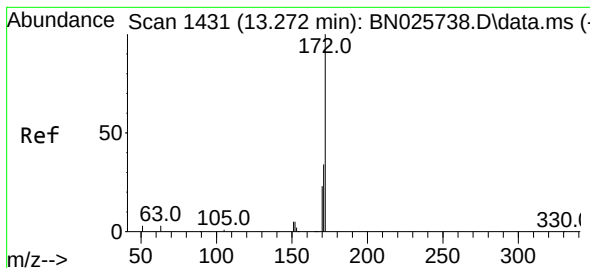
Tgt Ion:164 Resp: 8928
Ion Ratio Lower Upper
164 100
162 107.2 85.0 127.6
160 52.2 41.1 61.7



#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 16.140 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

Tgt Ion:330 Resp: 852
Ion Ratio Lower Upper
330 100
332 92.5 77.3 115.9
141 63.8 55.0 82.6





#15

2-Fluorobiphenyl

Concen: 0.404 ng

RT: 13.272 min Scan# 1431

Delta R.T. 0.000 min

Lab File: BN025746.D

Acq: 31 May 2023 19:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2023

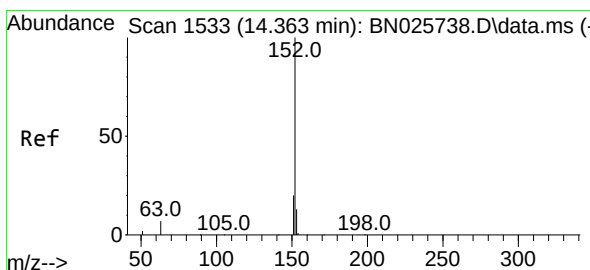
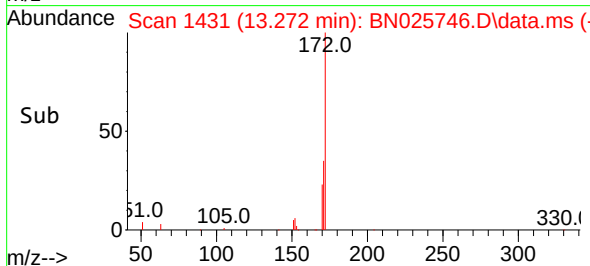
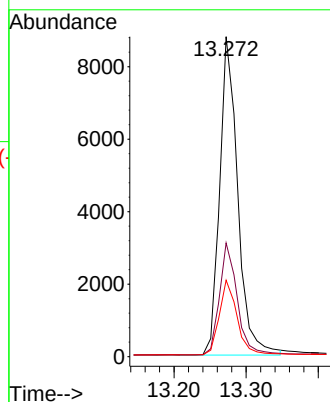
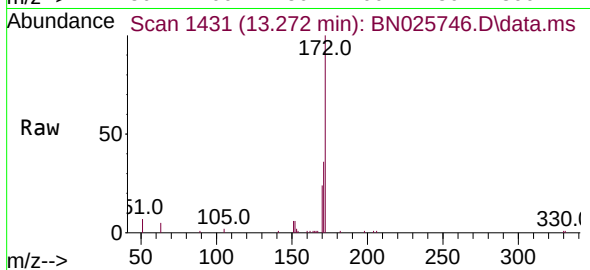
Tgt Ion:172 Resp: 15239

Ion Ratio Lower Upper

172 100

171 35.6 27.3 40.9

170 23.9 18.6 28.0



#16

Acenaphthylene

Concen: 0.202 ng

RT: 14.373 min Scan# 1534

Delta R.T. 0.011 min

Lab File: BN025746.D

Acq: 31 May 2023 19:21

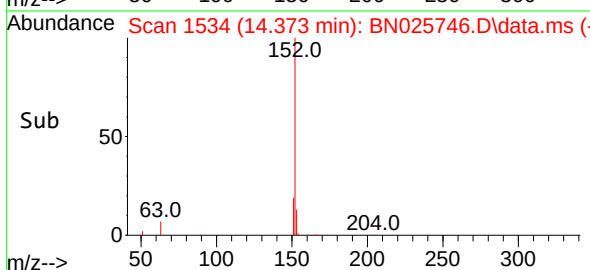
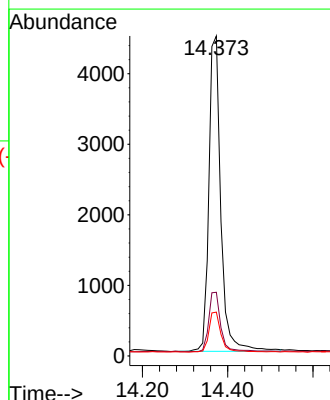
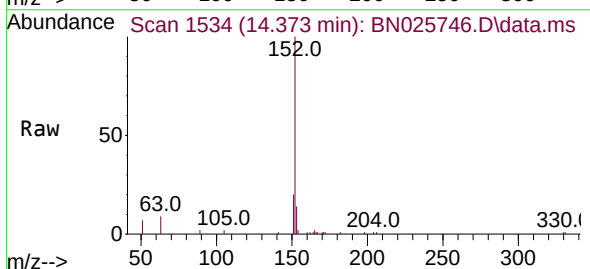
Tgt Ion:152 Resp: 8672

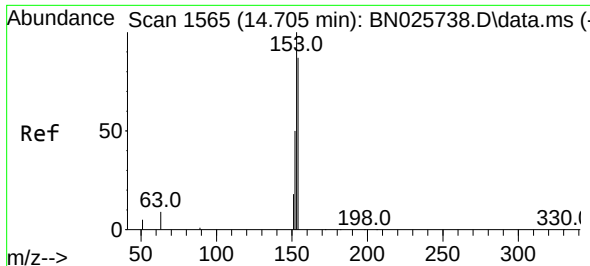
Ion Ratio Lower Upper

152 100

151 19.0 15.4 23.0

153 13.1 10.4 15.6

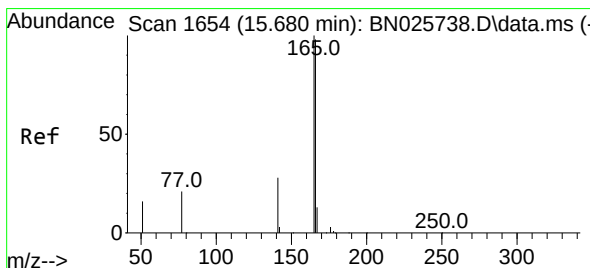
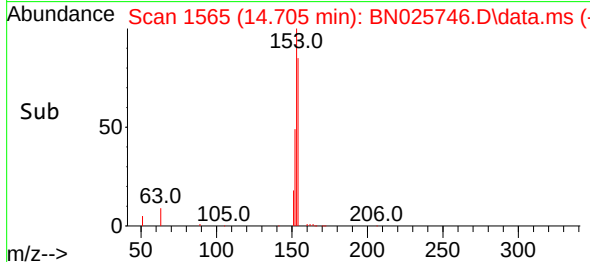
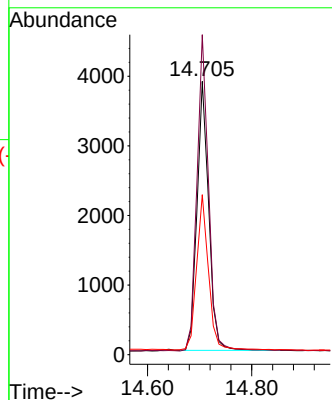
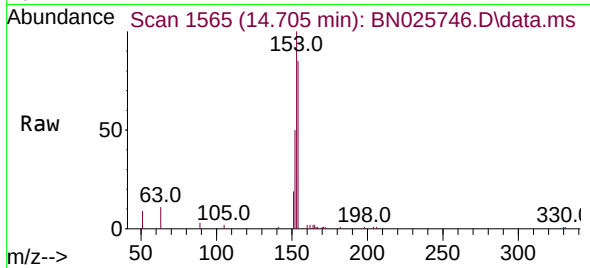




#17
Acenaphthene
Concen: 0.214 ng
RT: 14.705 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

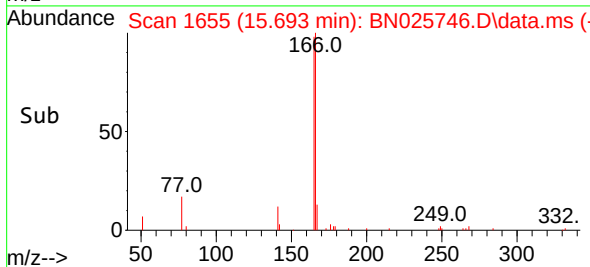
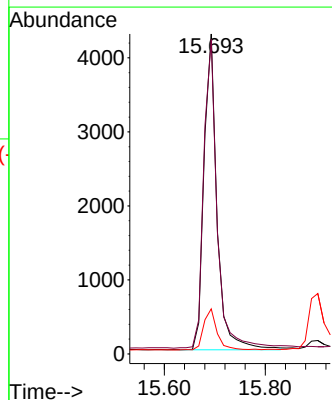
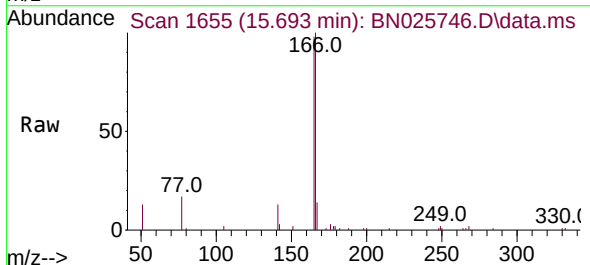
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023

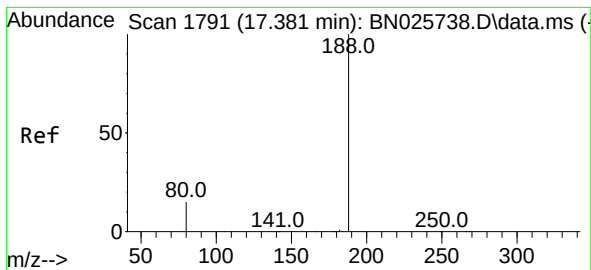
Tgt Ion:154 Resp: 6027
Ion Ratio Lower Upper
154 100
153 116.9 93.0 139.6
152 58.9 46.5 69.7



#18
Fluorene
Concen: 0.211 ng
RT: 15.693 min Scan# 1655
Delta R.T. 0.013 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

Tgt Ion:166 Resp: 7669
Ion Ratio Lower Upper
166 100
165 99.7 80.1 120.1
167 13.3 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.393 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN025746.D

Acq: 31 May 2023 19:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2023

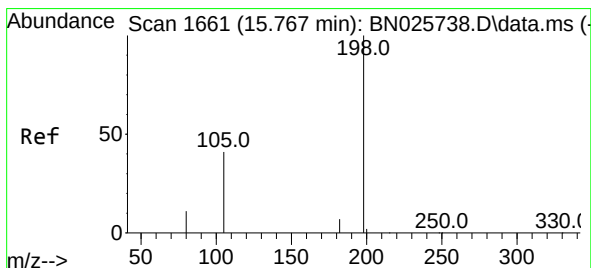
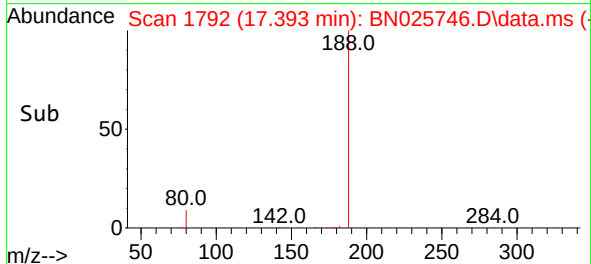
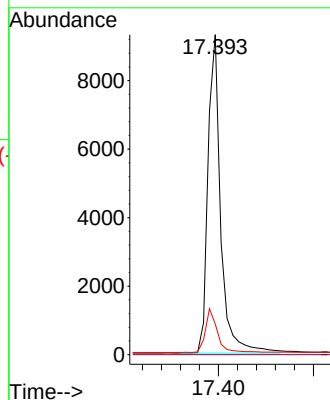
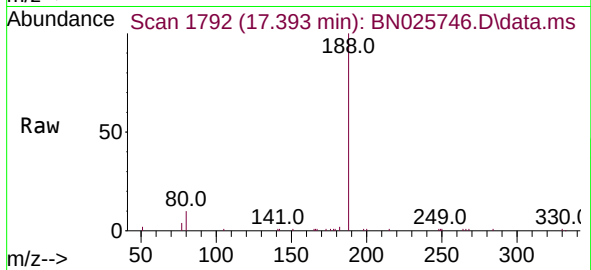
Tgt Ion:188 Resp: 17323

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.6 12.1 18.1#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.105 ng

RT: 15.792 min Scan# 1663

Delta R.T. 0.025 min

Lab File: BN025746.D

Acq: 31 May 2023 19:21

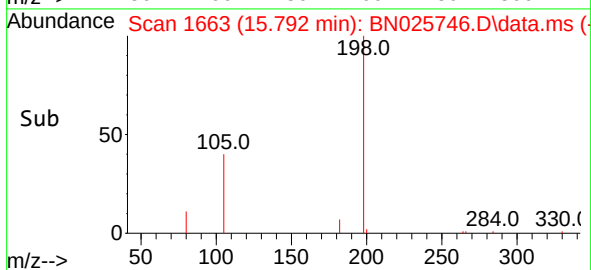
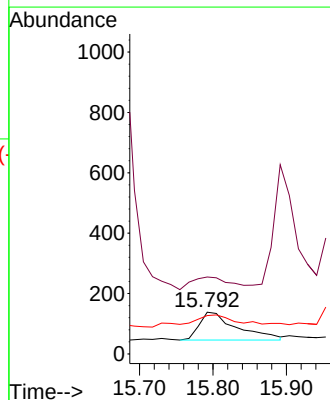
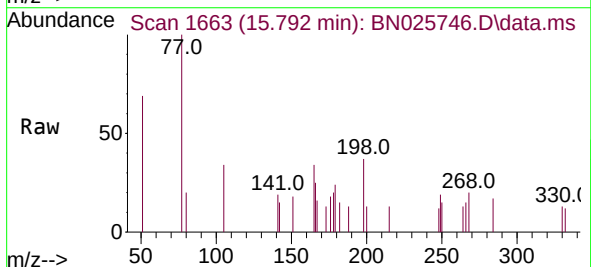
Tgt Ion:198 Resp: 328

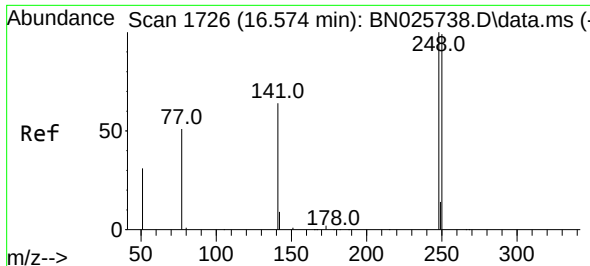
Ion Ratio Lower Upper

198 100

51 184.8 62.7 94.1#

105 92.0 42.2 63.4#

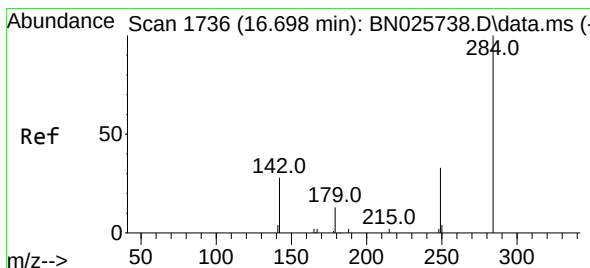
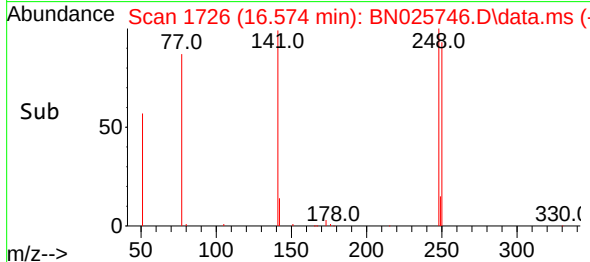
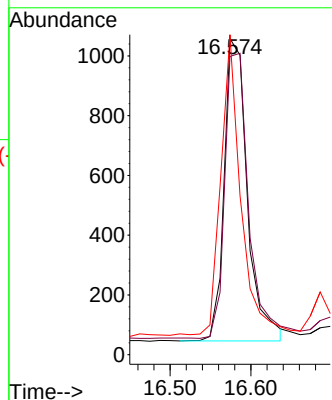
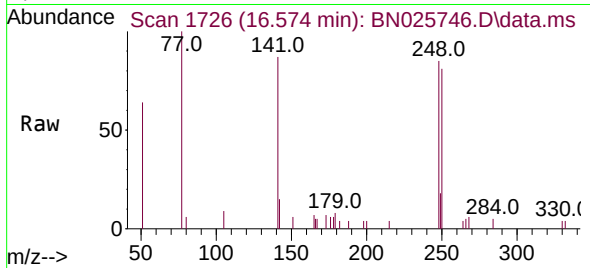




#21
4-Bromophenyl-phenylether
Concen: 0.202 ng
RT: 16.574 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

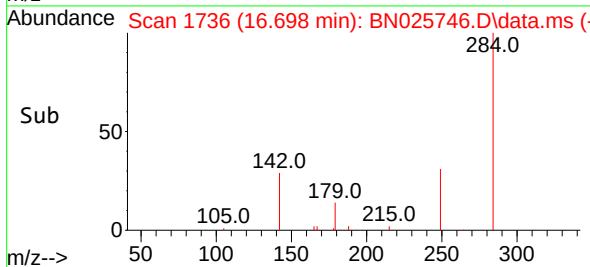
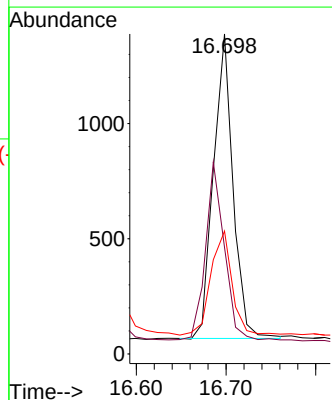
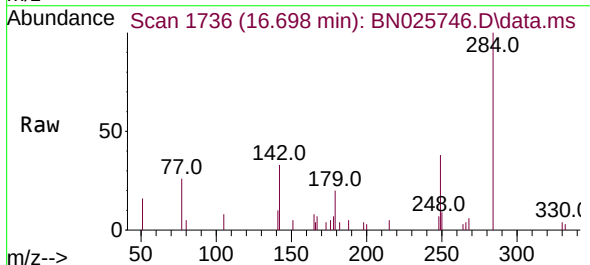
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023

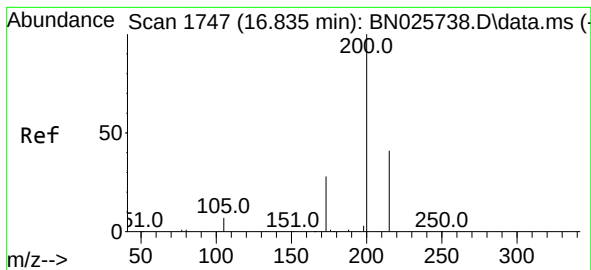
Tgt Ion:248 Resp: 2023
Ion Ratio Lower Upper
248 100
250 94.3 79.1 118.7
141 101.2 51.9 77.9#



#22
Hexachlorobenzene
Concen: 0.232 ng
RT: 16.698 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

Tgt Ion:284 Resp: 1995
Ion Ratio Lower Upper
284 100
142 55.7 45.0 67.4
249 37.2 29.6 44.4





#23

Atrazine

Concen: 0.209 ng

RT: 16.847 min Scan# 1747

Delta R.T. 0.012 min

Lab File: BN025746.D

Acq: 31 May 2023 19:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2023

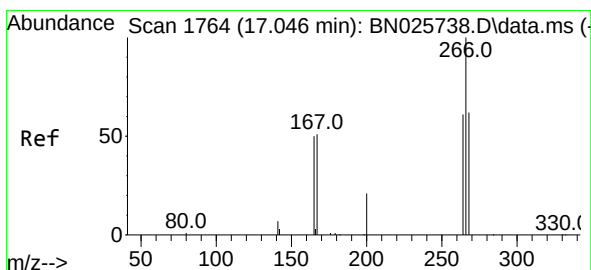
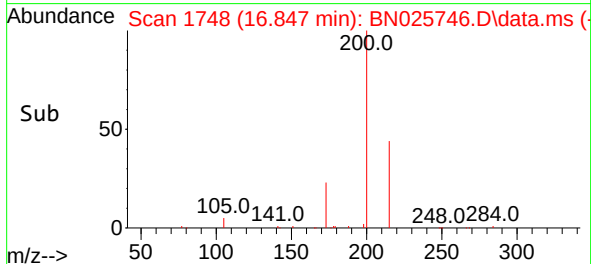
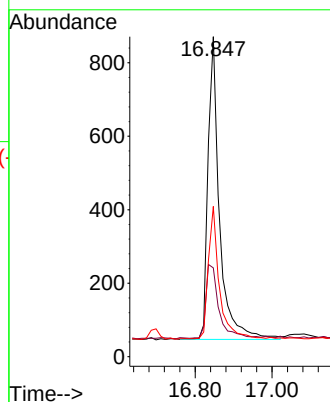
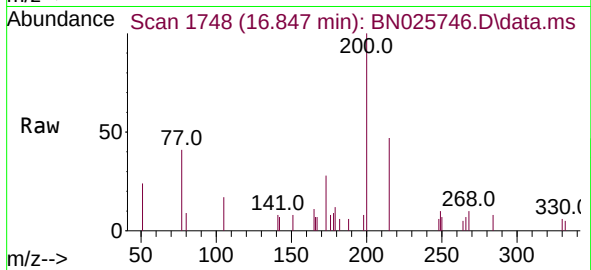
Tgt Ion:200 Resp: 1708

Ion Ratio Lower Upper

200 100

173 27.8 23.8 35.6

215 47.0 33.8 50.6



#24

Pentachlorophenol

Concen: 0.056 ng

RT: 17.071 min Scan# 1766

Delta R.T. 0.025 min

Lab File: BN025746.D

Acq: 31 May 2023 19:21

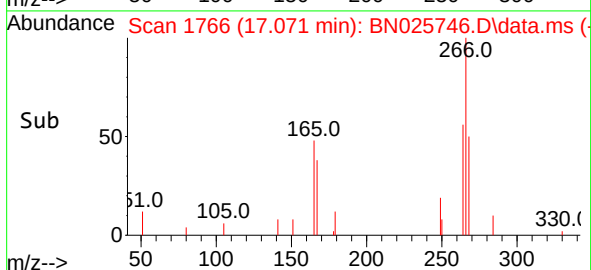
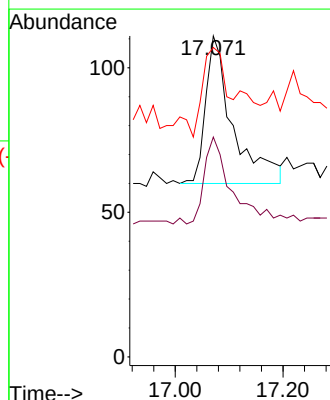
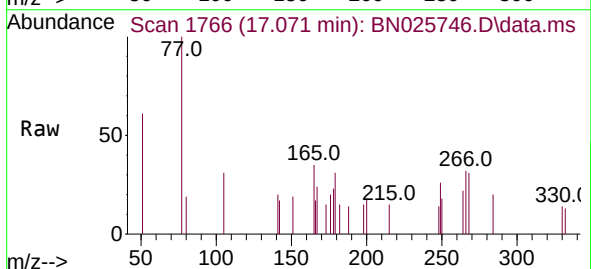
Tgt Ion:266 Resp: 179

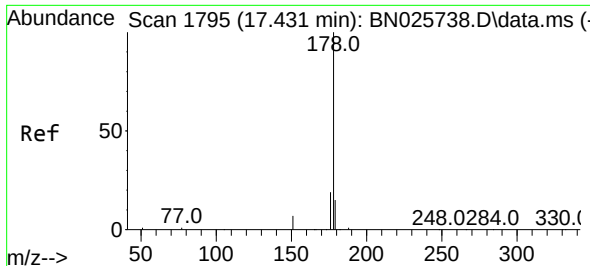
Ion Ratio Lower Upper

266 100

264 60.9 48.6 73.0

268 53.1 51.8 77.6

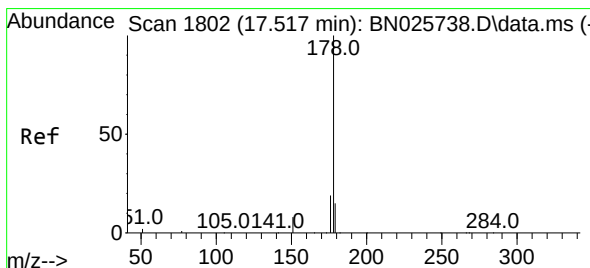
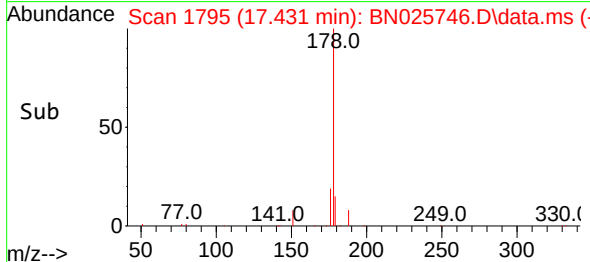
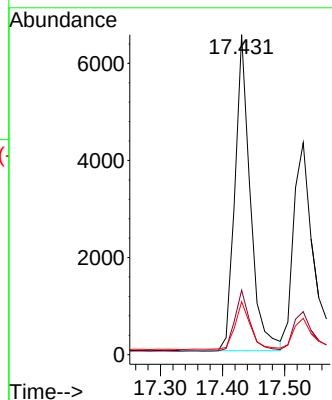
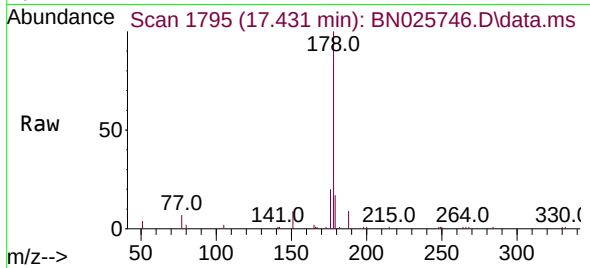




#25
Phenanthrene
Concen: 0.211 ng
RT: 17.431 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

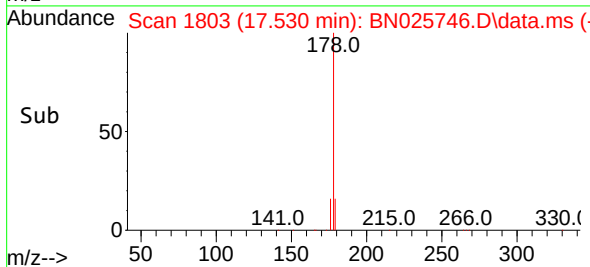
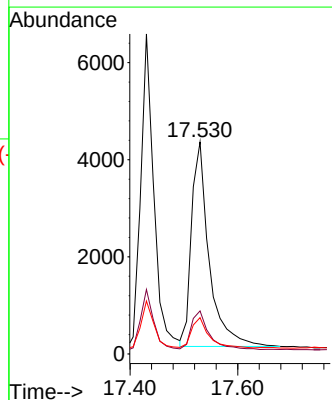
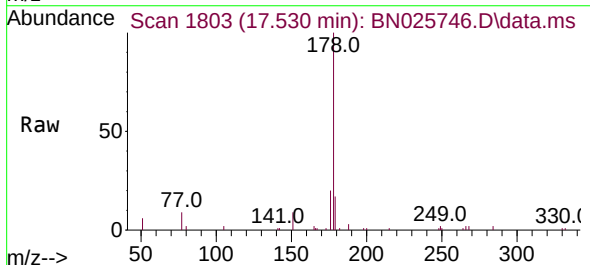
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023

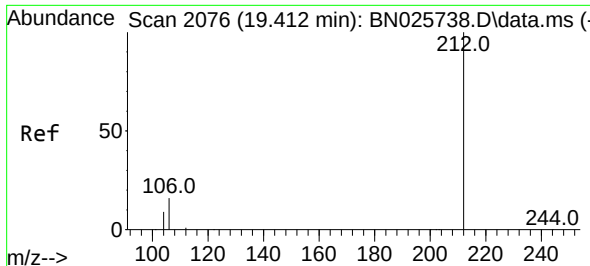
Tgt Ion:178 Resp: 11215
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.6 12.2 18.2



#26
Anthracene
Concen: 0.197 ng
RT: 17.530 min Scan# 1803
Delta R.T. 0.012 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

Tgt Ion:178 Resp: 9598
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 14.2 12.2 18.2

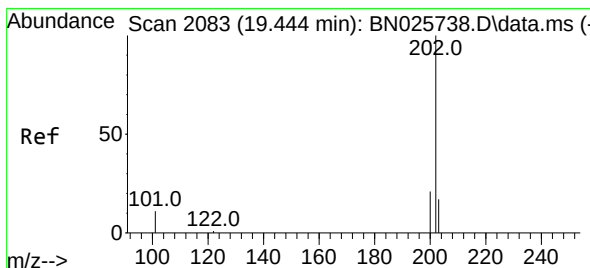
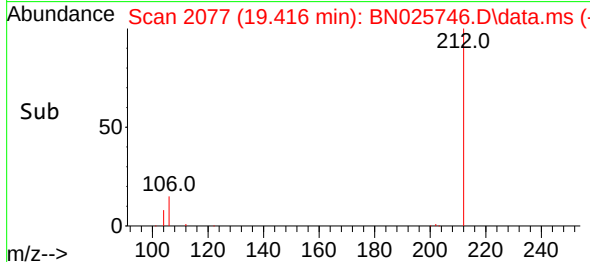
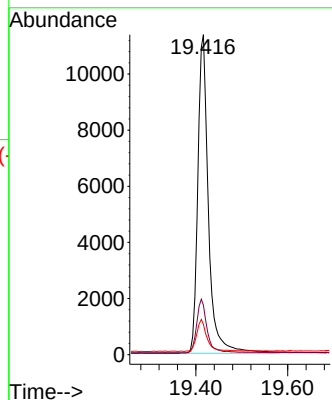
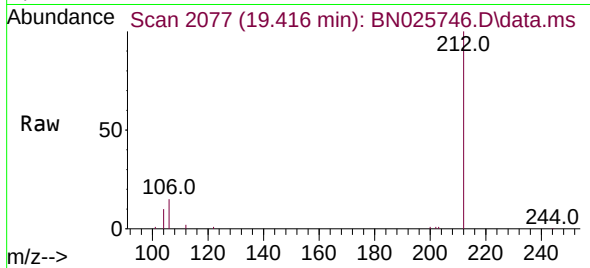




#27
Fluoranthene-d10
Concen: 0.512 ng
RT: 19.416 min Scan# 2076
Delta R.T. 0.005 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

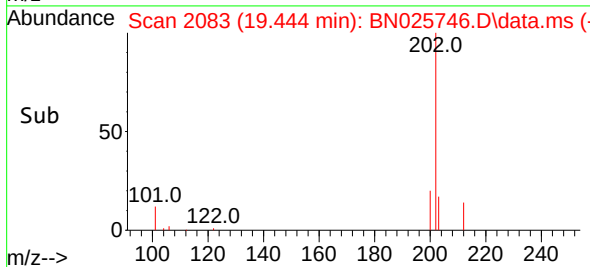
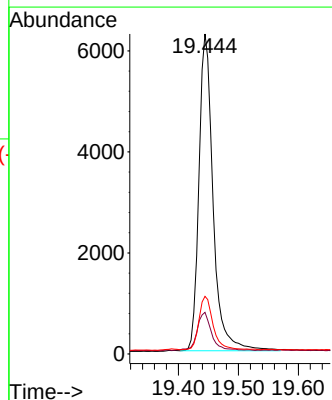
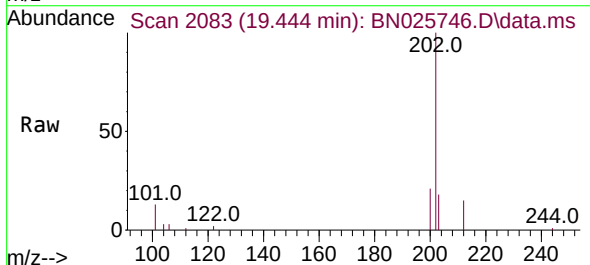
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023

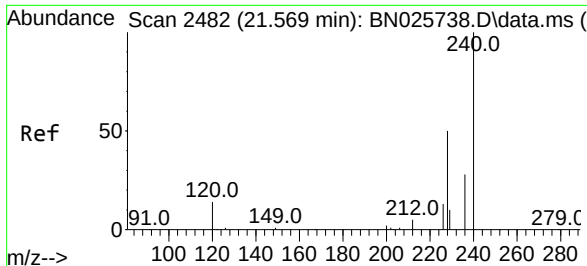
Tgt Ion:212 Resp: 18240
Ion Ratio Lower Upper
212 100
106 16.5 13.0 19.6
104 9.8 7.7 11.5



#28
Fluoranthene
Concen: 0.196 ng
RT: 19.444 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

Tgt Ion:202 Resp: 10310
Ion Ratio Lower Upper
202 100
101 12.2 9.8 14.8
203 17.1 13.4 20.2

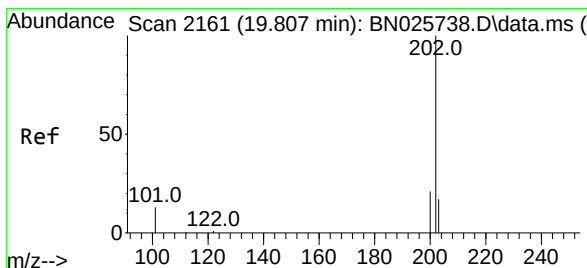
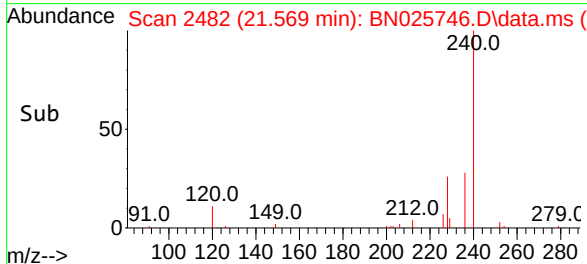
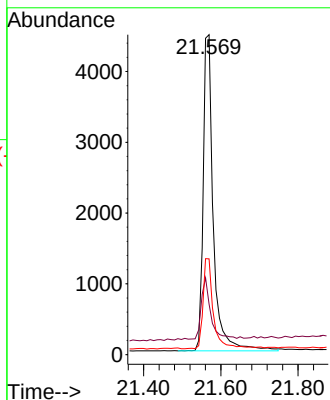
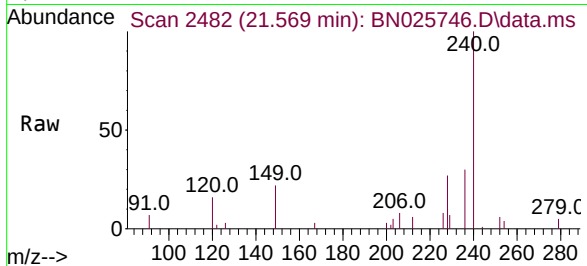




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

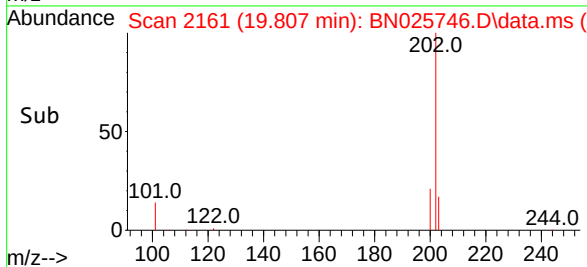
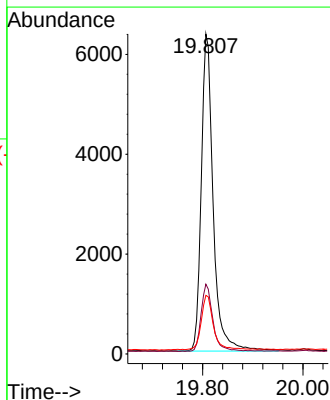
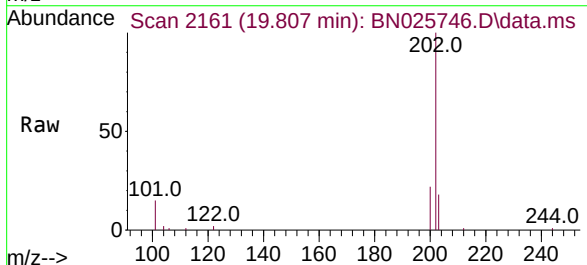
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023

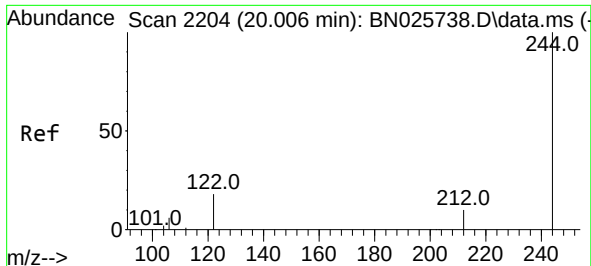
Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.8	13.2	19.8
236	29.9	23.1	34.7



#30
Pyrene
Concen: 0.224 ng
RT: 19.807 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.6
203	17.4	14.2	21.2

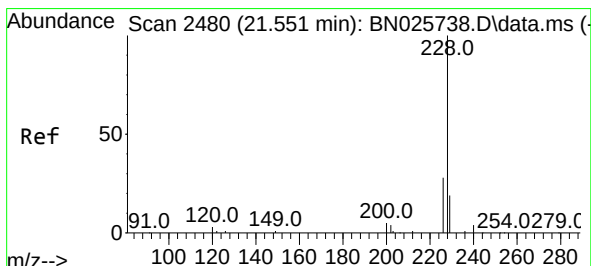
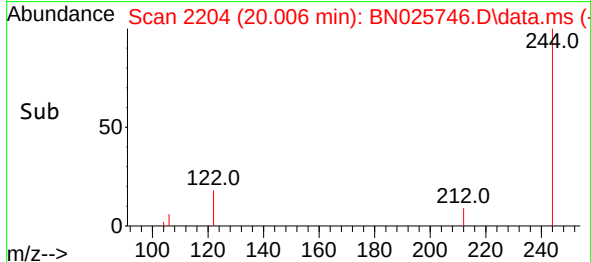
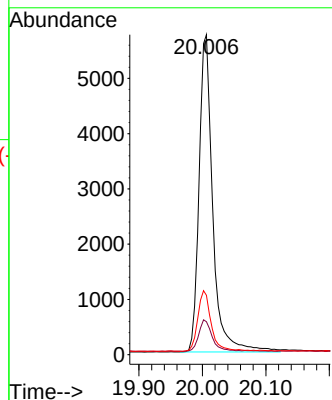
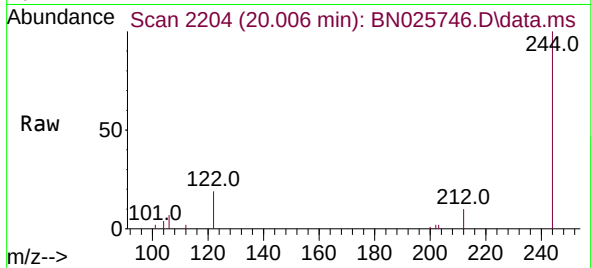




#31
 Terphenyl-d14
 Concen: 0.431 ng
 RT: 20.006 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN025746.D
 Acq: 31 May 2023 19:21

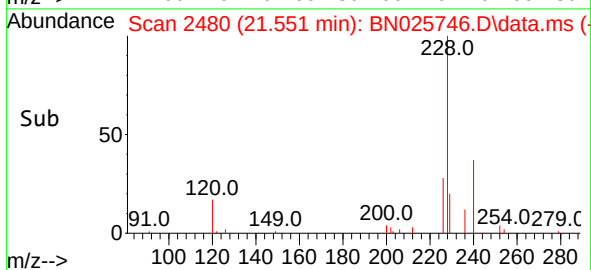
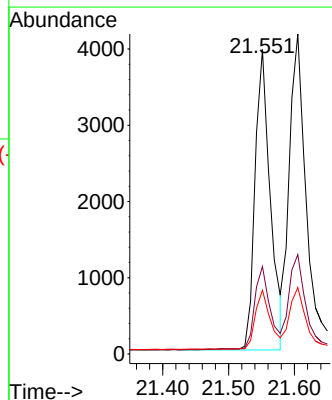
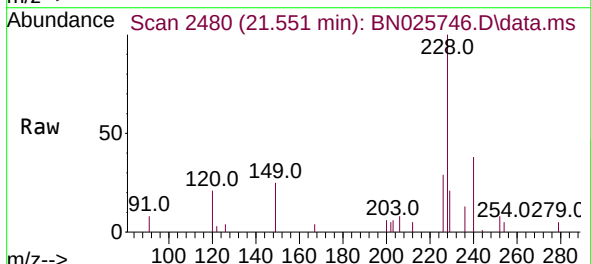
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2023

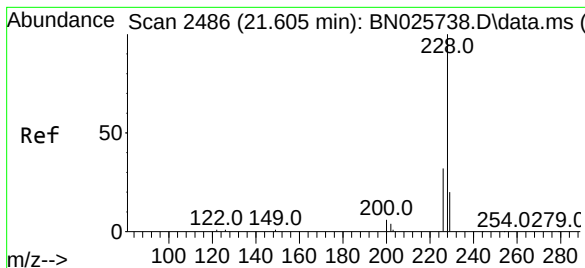
Tgt Ion:	244	Resp:	8603
Ion Ratio	Lower	Upper	
244	100		
212	10.3	8.6	12.8
122	18.5	15.2	22.8



#32
 Benzo(a)anthracene
 Concen: 0.201 ng
 RT: 21.551 min Scan# 2480
 Delta R.T. 0.000 min
 Lab File: BN025746.D
 Acq: 31 May 2023 19:21

Tgt Ion:	228	Resp:	6369
Ion Ratio	Lower	Upper	
228	100		
226	28.8	22.9	34.3
229	21.0	15.6	23.4





#33

Chrysene

Concen: 0.213 ng

RT: 21.605 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BN025746.D

Acq: 31 May 2023 19:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2023

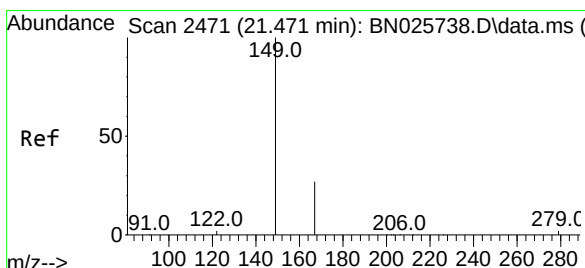
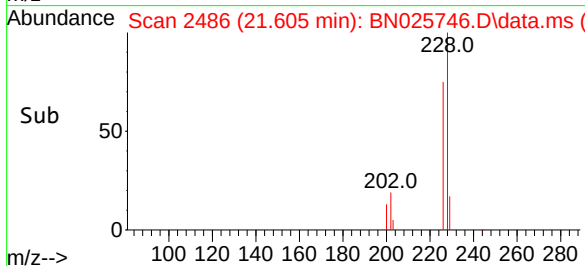
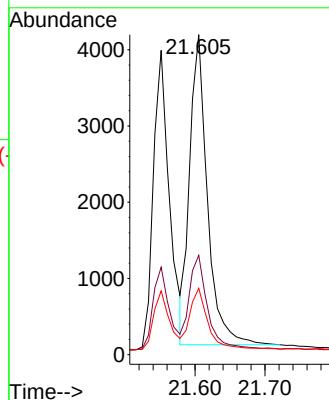
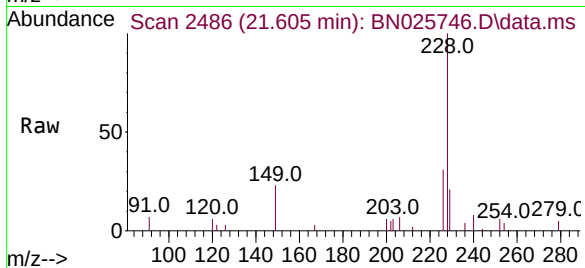
Tgt Ion:228 Resp: 7174

Ion Ratio Lower Upper

228 100

226 31.0 25.4 38.2

229 20.8 16.1 24.1



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.212 ng

RT: 21.462 min Scan# 2470

Delta R.T. -0.009 min

Lab File: BN025746.D

Acq: 31 May 2023 19:21

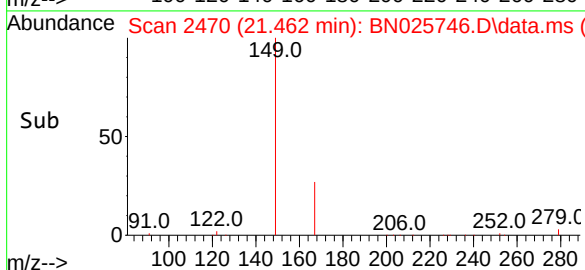
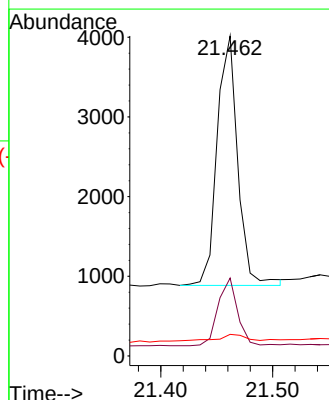
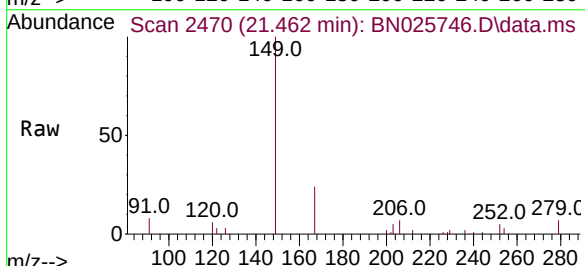
Tgt Ion:149 Resp: 4012

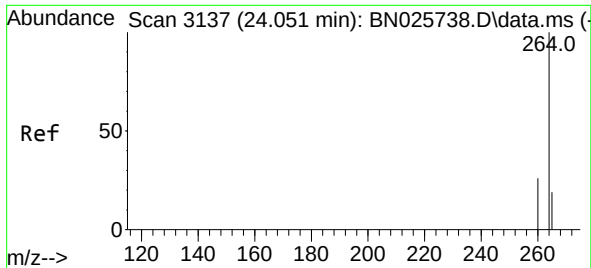
Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.6

279 5.3 2.2 3.4#





#35
Perylene-d12

Concen: 0.400 ng

RT: 24.048 min Scan# 31

Delta R.T. -0.003 min

Lab File: BN025746.D

Acq: 31 May 2023 19:21

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2023

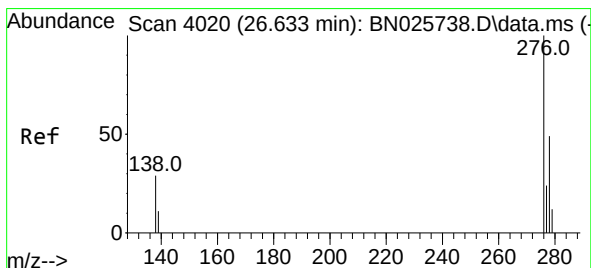
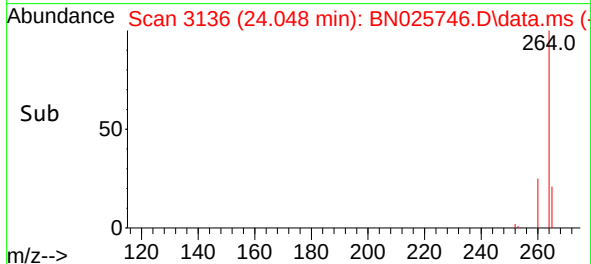
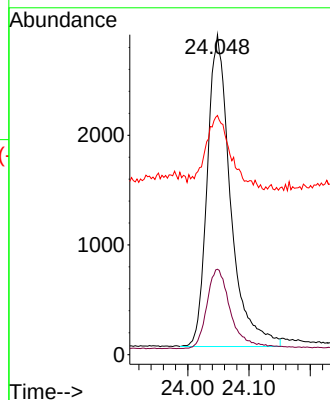
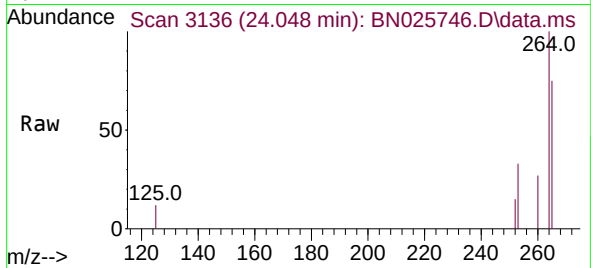
Tgt Ion:264 Resp: 7502

Ion Ratio Lower Upper

264 100

260 26.7 21.4 32.2

265 74.7 44.7 67.1#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.213 ng

RT: 26.651 min Scan# 4026

Delta R.T. 0.018 min

Lab File: BN025746.D

Acq: 31 May 2023 19:21

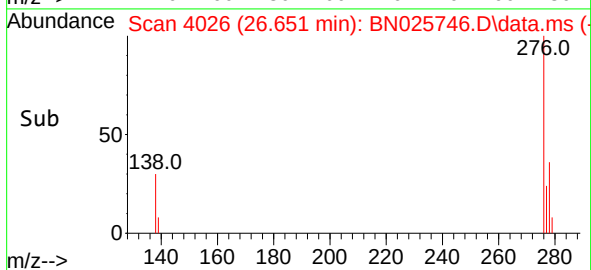
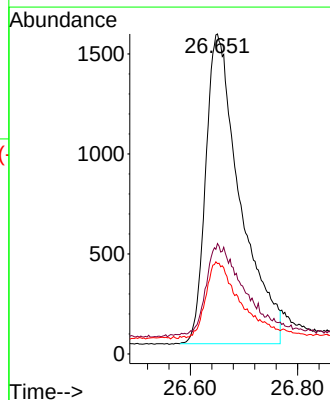
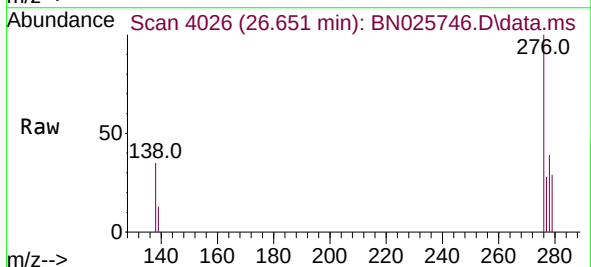
Tgt Ion:276 Resp: 6897

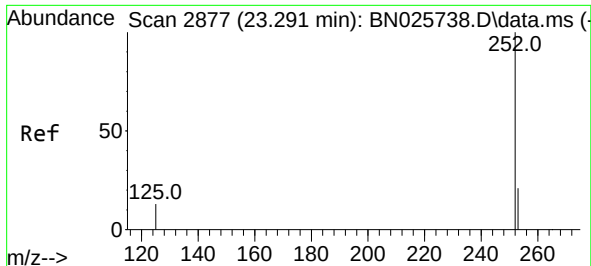
Ion Ratio Lower Upper

276 100

138 29.4 26.1 39.1

277 24.5 19.4 29.2

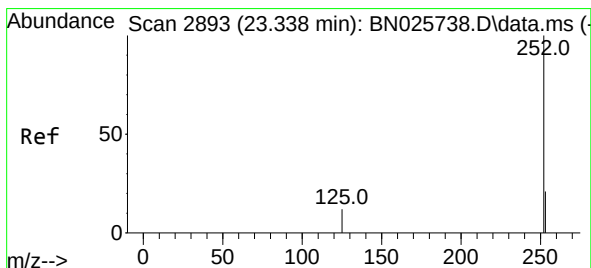
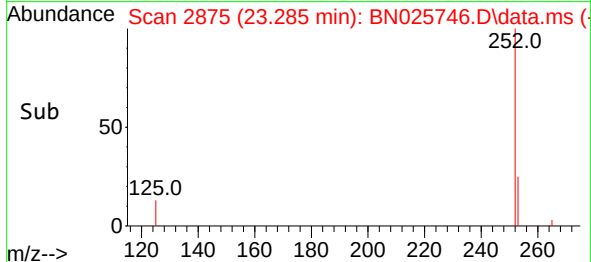
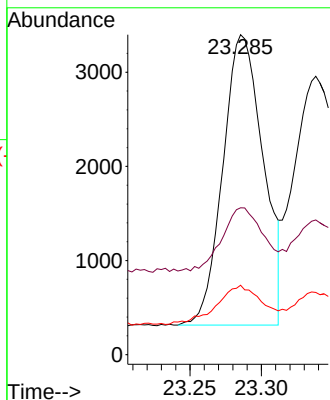
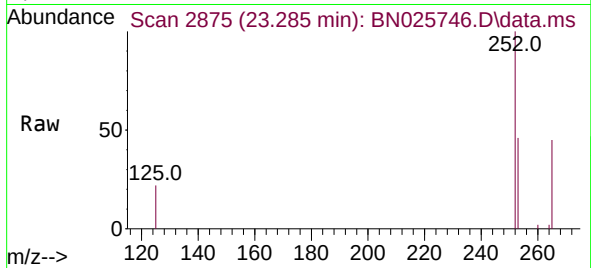




#37
Benzo(b)fluoranthene
Concen: 0.205 ng
RT: 23.285 min Scan# 2875
Delta R.T. -0.006 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

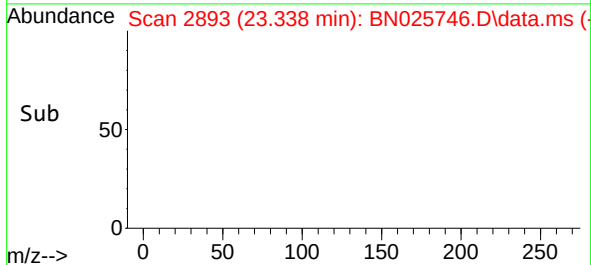
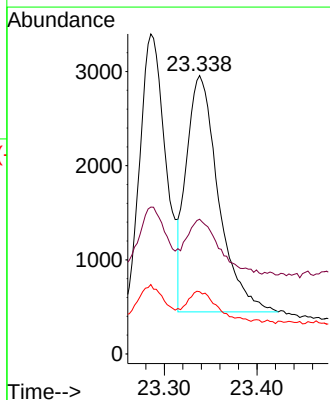
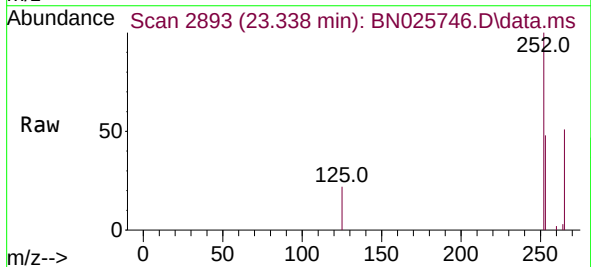
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023

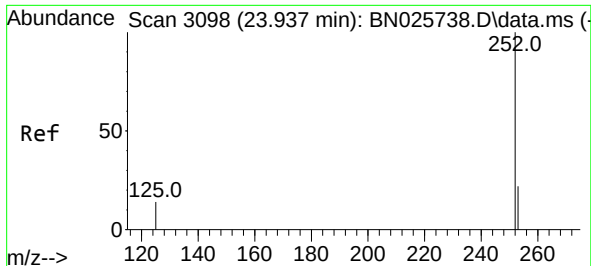
Tgt Ion:252 Resp: 6068
Ion Ratio Lower Upper
252 100
253 45.9 23.4 35.0#
125 21.7 12.3 18.5#



#38
Benzo(k)fluoranthene
Concen: 0.200 ng
RT: 23.338 min Scan# 2893
Delta R.T. 0.000 min
Lab File: BN025746.D
Acq: 31 May 2023 19:21

Tgt Ion:252 Resp: 6059
Ion Ratio Lower Upper
252 100
253 48.4 24.2 36.4#
125 22.4 12.2 18.2#





#39

Benzo(a)pyrene

Concen: 0.201 ng

RT: 23.943 min Scan# 31

Delta R.T. 0.006 min

Lab File: BN025746.D

Acq: 31 May 2023 19:21

Instrument :

BNA_N

ClientSampleId :

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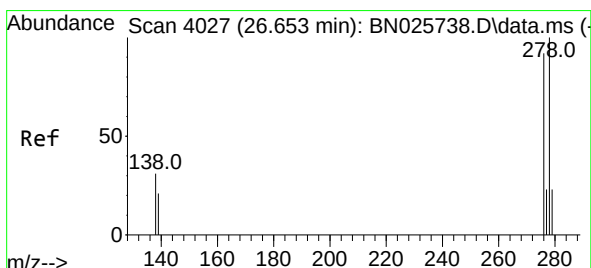
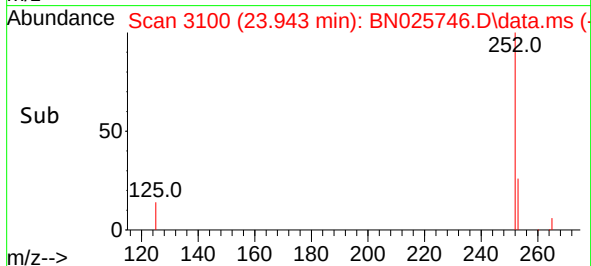
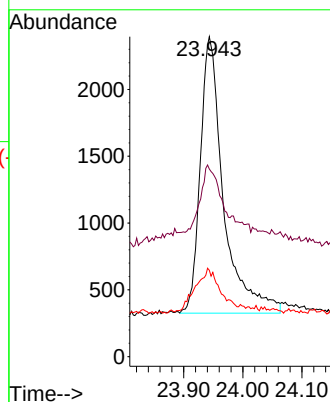
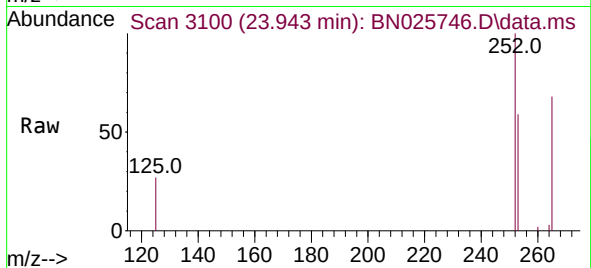
Tgt Ion:252 Resp: 5642

Ion Ratio Lower Upper

252 100

253 58.7 27.5 41.3#

125 27.0 14.6 21.8#



#40

Dibenzo(a,h)anthracene

Concen: 0.214 ng

RT: 26.680 min Scan# 4036

Delta R.T. 0.026 min

Lab File: BN025746.D

Acq: 31 May 2023 19:21

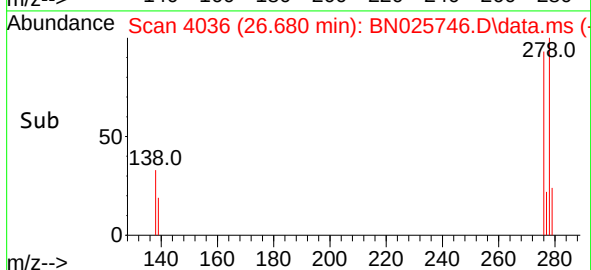
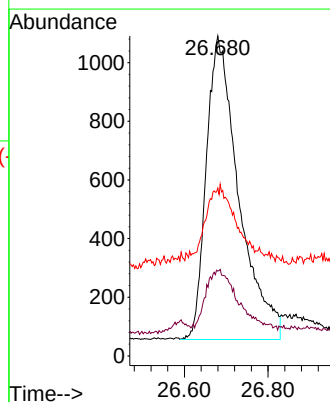
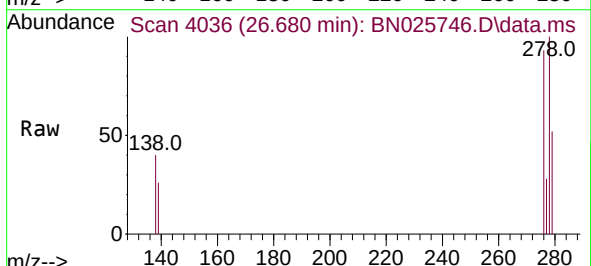
Tgt Ion:278 Resp: 5571

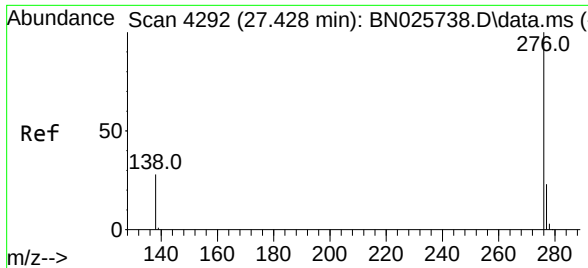
Ion Ratio Lower Upper

278 100

139 26.5 18.7 28.1

279 52.4 25.1 37.7#





#41
 Benzo(g,h,i)perylene
 Concen: 0.228 ng
 RT: 27.452 min Scan# 41
 Delta R.T. 0.023 min
 Lab File: BN025746.D
 Acq: 31 May 2023 19:21

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2023

Tgt Ion:	276	Resp:	6643
Ion	Ratio	Lower	Upper
276	100		
277	26.8	20.2	30.2
138	31.5	24.2	36.4

