

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012723\
 Data File : BN023825.D
 Acq On : 26 Jan 2023 19:50
 Operator : CG/JU
 Sample : N3980-03
 Misc : MDL-MDL-SOIL 0.2ng
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

Quant Time: Jan 27 02:15:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 02:14:21 2023
 Response via : Initial Calibration

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

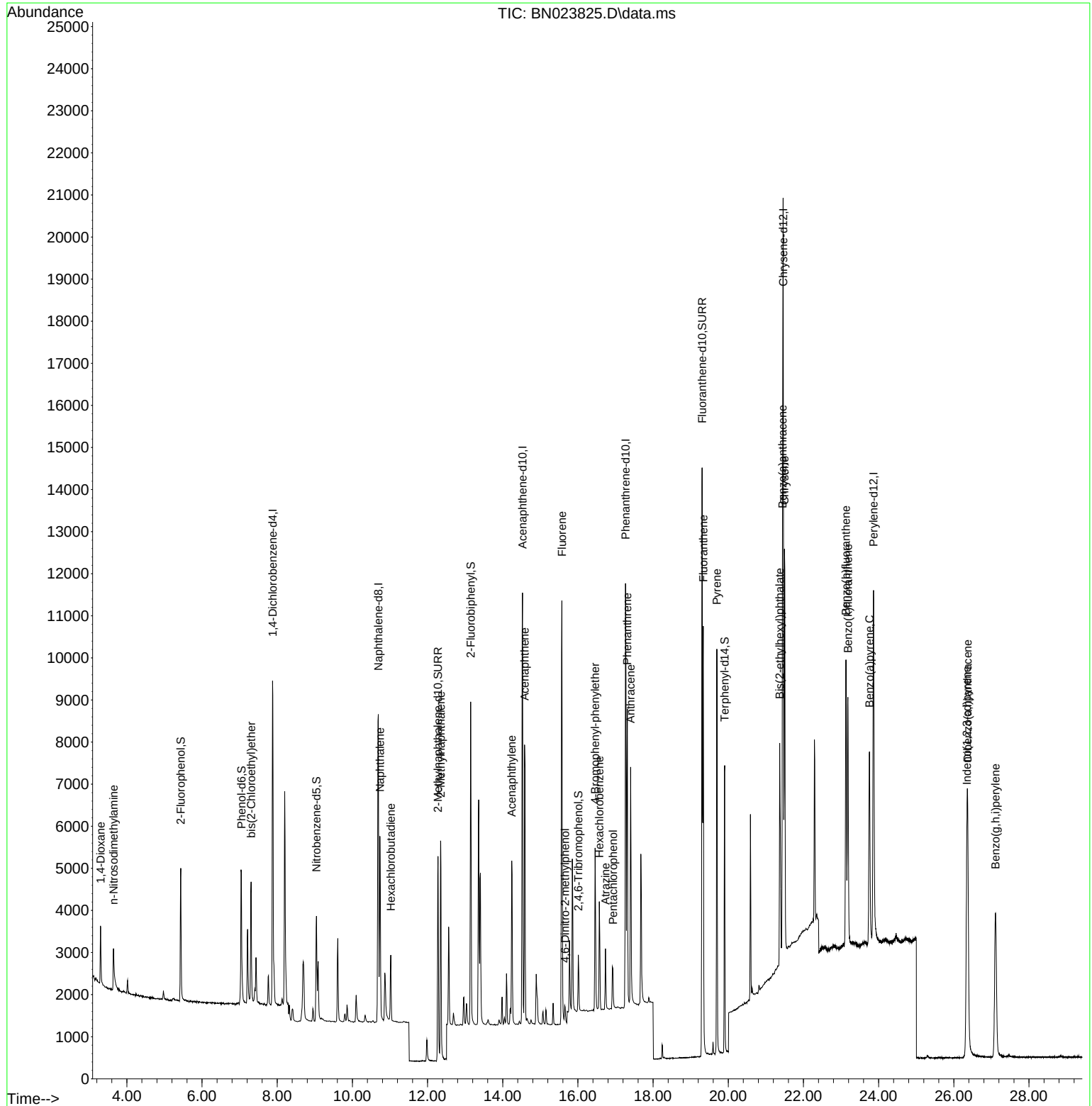
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	3833	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	10644	0.400	ng	0.00
13) Acenaphthene-d10	14.527	164	6183	0.400	ng	0.00
19) Phenanthrene-d10	17.265	188	14612	0.400	ng	0.00
29) Chrysene-d12	21.459	240	14080	0.400	ng	0.00
35) Perylene-d12	23.864	264	11872	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	2650	0.332	ng	0.00
5) Phenol-d6	7.045	99	3051	0.323	ng	0.00
8) Nitrobenzene-d5	9.046	82	2258	0.279	ng	0.00
11) 2-Methylnaphthalene-d10	12.276	152	6869	0.488	ng	0.00
14) 2,4,6-Tribromophenol	16.012	330	796	0.294	ng	0.00
15) 2-Fluorobiphenyl	13.148	172	6570	0.267	ng	0.00
27) Fluoranthene-d10	19.304	212	16423	0.482	ng	0.00
31) Terphenyl-d14	19.903	244	7617	0.285	ng	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.304	88	952	0.236	ng	99
3) n-Nitrosodimethylamine	3.644	42	846	0.197	ng	# 97
6) bis(2-Chloroethyl)ether	7.305	93	2205	0.231	ng	99
9) Naphthalene	10.733	128	5660	0.212	ng	98
10) Hexachlorobutadiene	11.021	225	1225	0.229	ng	# 100
12) 2-Methylnaphthalene	12.352	142	3799	0.223	ng	98
16) Acenaphthylene	14.238	152	4764	0.194	ng	100
17) Acenaphthene	14.581	154	3407	0.207	ng	99
18) Fluorene	15.575	166	4502	0.201	ng	98
20) 4,6-Dinitro-2-methylph...	15.660	198	368	0.174	ng	90
21) 4-Bromophenyl-phenylether	16.458	248	1533	0.189	ng	97
22) Hexachlorobenzene	16.570	284	1937	0.199	ng	98
23) Atrazine	16.732	200	1151	0.195	ng	98
24) Pentachlorophenol	16.930	266	570	0.167	ng	91
25) Phenanthrene	17.315	178	7628	0.188	ng	99
26) Anthracene	17.402	178	6267	0.191	ng	100
28) Fluoranthene	19.334	202	8773	0.197	ng	99
30) Pyrene	19.696	202	8788	0.184	ng	99
32) Benzo(a)anthracene	21.441	228	7979	0.186	ng	99
33) Chrysene	21.495	228	8912	0.188	ng	98
34) Bis(2-ethylhexyl)phtha...	21.369	149	4173	0.215	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.347	276	9110	0.185	ng	96
37) Benzo(b)fluoranthene	23.130	252	9136	0.204	ng	95
38) Benzo(k)fluoranthene	23.183	252	8477	0.192	ng	94
39) Benzo(a)pyrene	23.756	252	7557	0.225	ng	93
40) Dibenzo(a,h)anthracene	26.370	278	7373	0.185	ng	95
41) Benzo(g,h,i)perylene	27.110	276	8138	0.192	ng	96

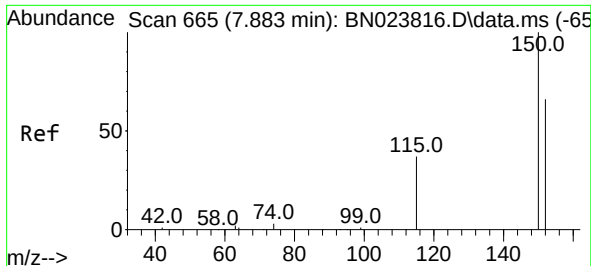
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012723\
Data File : BN023825.D
Acq On : 26 Jan 2023 19:50
Operator : CG/JU
Sample : N3980-03
Misc : MDL-MDL-SOIL 0.2ng
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

Quant Time: Jan 27 02:15:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 02:14:21 2023
Response via : Initial Calibration

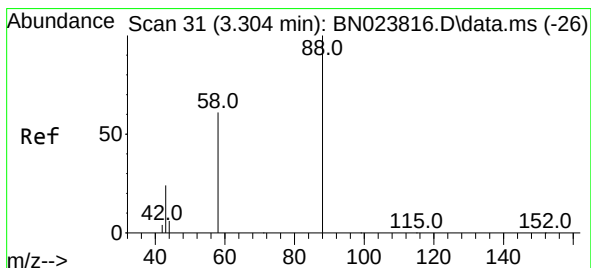
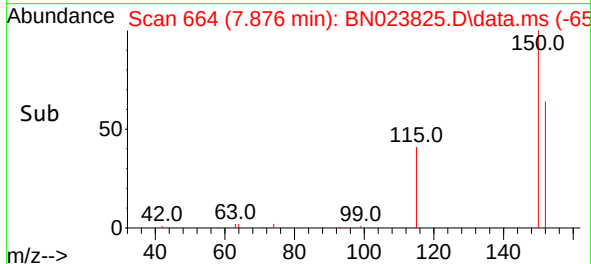
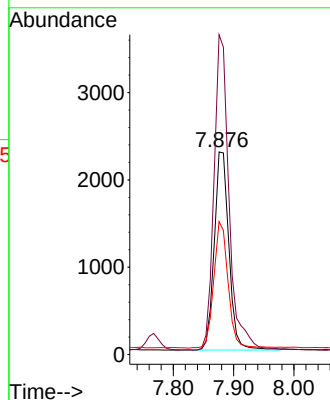
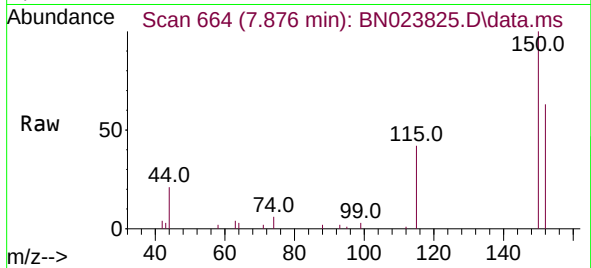




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.876 min Scan# 665
Delta R.T. -0.007 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

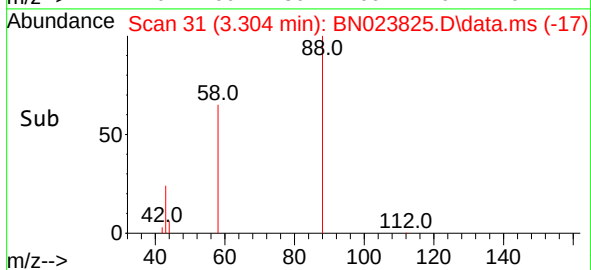
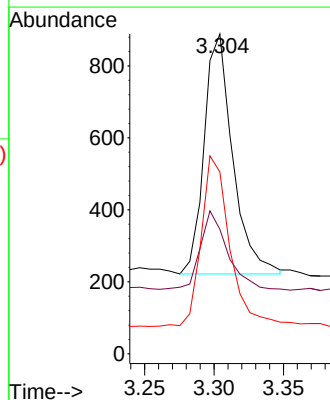
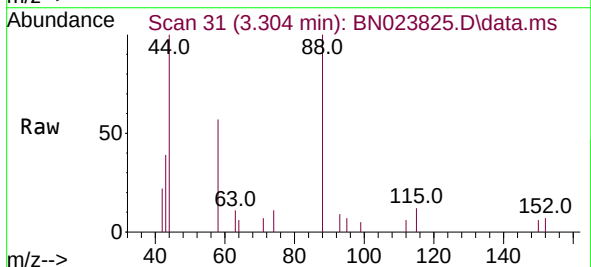
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

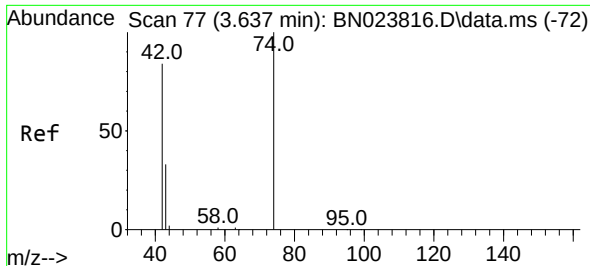
Tgt Ion:152 Resp: 3833
Ion Ratio Lower Upper
152 100
150 158.0 120.5 180.7
115 65.7 46.4 69.6



#2
1,4-Dioxane
Concen: 0.236 ng
RT: 3.304 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

Tgt Ion: 88 Resp: 952
Ion Ratio Lower Upper
88 100
43 32.0 24.5 36.7
58 71.4 56.9 85.3





#3

n-Nitrosodimethylamine

Concen: 0.197 ng

RT: 3.644 min Scan# 78

Delta R.T. 0.007 min

Lab File: BN023825.D

Acq: 26 Jan 2023 19:50

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

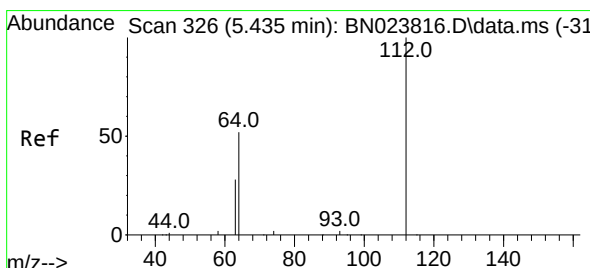
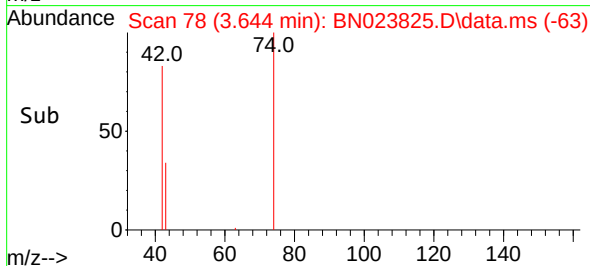
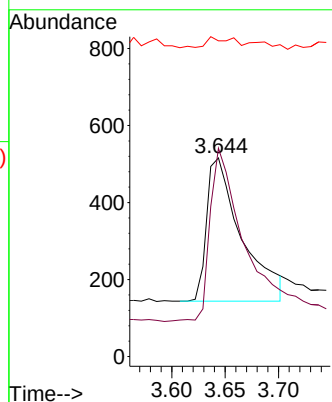
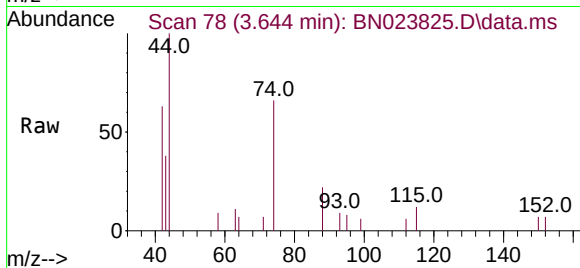
Tgt Ion: 42 Resp: 846

Ion Ratio Lower Upper

42 100

74 117.5 91.8 137.8

44 5.4 6.9 10.3#



#4

2-Fluorophenol

Concen: 0.332 ng

RT: 5.435 min Scan# 326

Delta R.T. -0.000 min

Lab File: BN023825.D

Acq: 26 Jan 2023 19:50

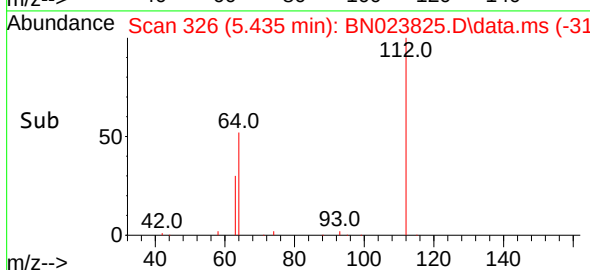
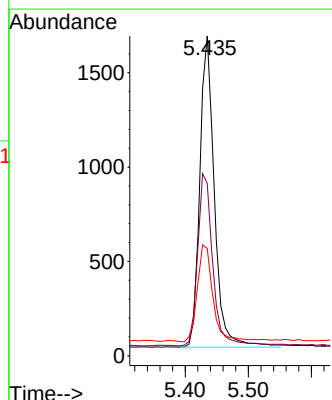
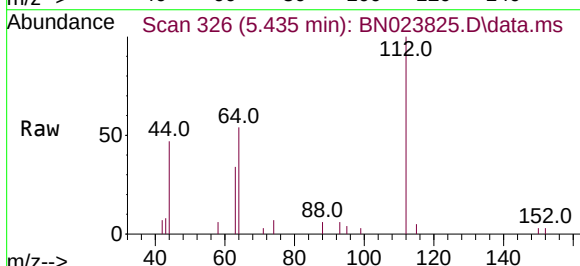
Tgt Ion: 112 Resp: 2650

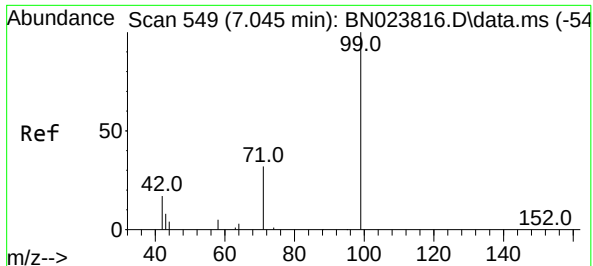
Ion Ratio Lower Upper

112 100

64 57.0 45.7 68.5

63 33.1 24.6 37.0

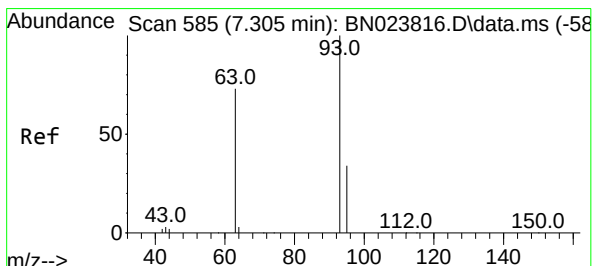
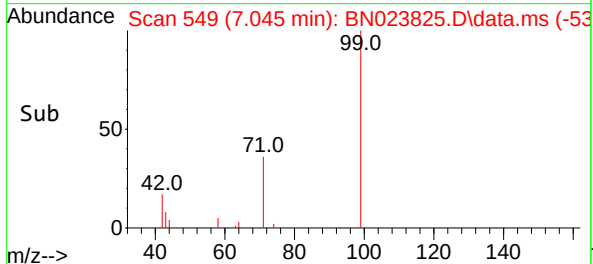
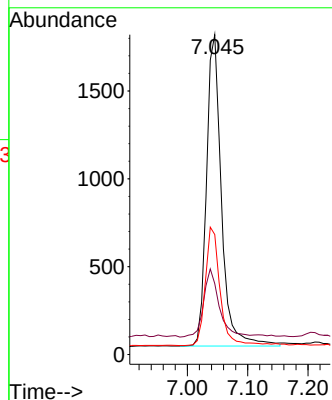
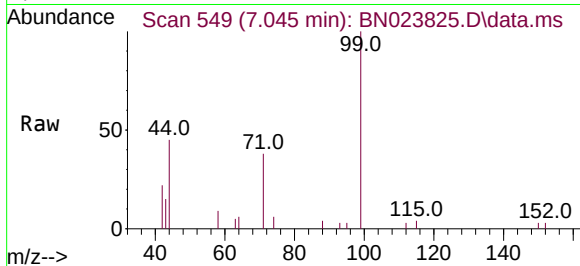




#5
Phenol-d6
Concen: 0.323 ng
RT: 7.045 min Scan# 549
Delta R.T. -0.000 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

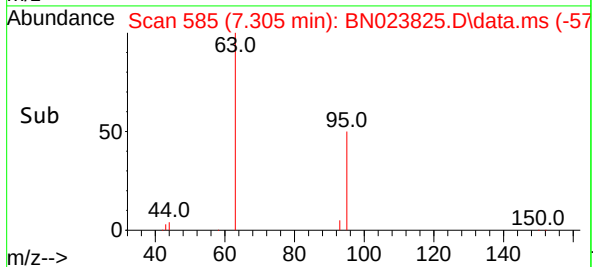
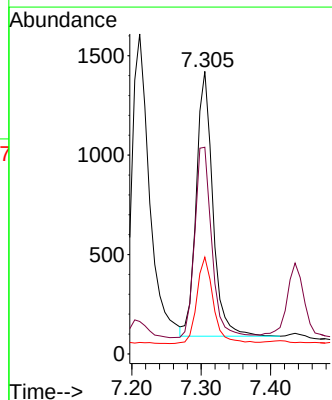
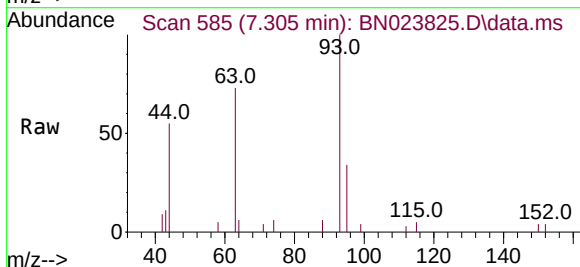
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

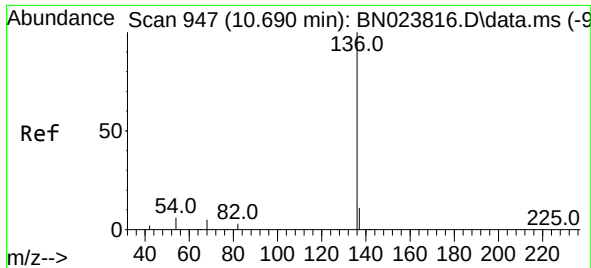
Tgt Ion:	99	Resp:	3051
Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.9	26.9
71	37.8	27.7	41.5



#6
bis(2-Chloroethyl)ether
Concen: 0.231 ng
RT: 7.305 min Scan# 585
Delta R.T. -0.000 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

Tgt Ion:	93	Resp:	2205
Ion	Ratio	Lower	Upper
93	100		
63	74.5	60.2	90.4
95	32.7	25.9	38.9

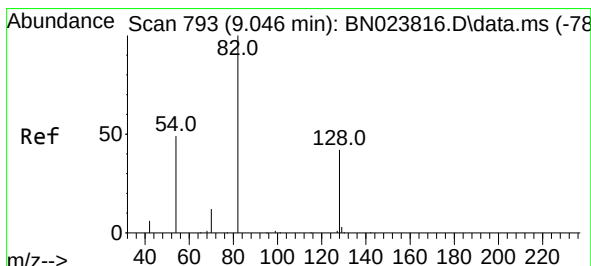
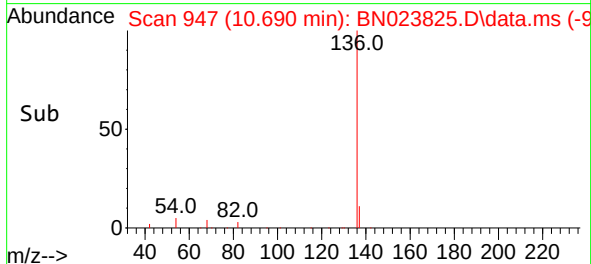
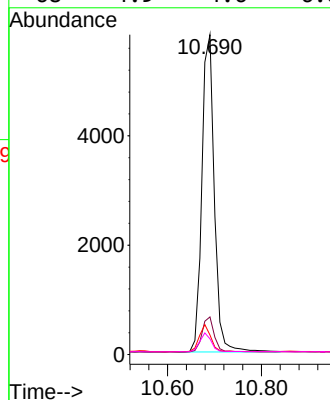
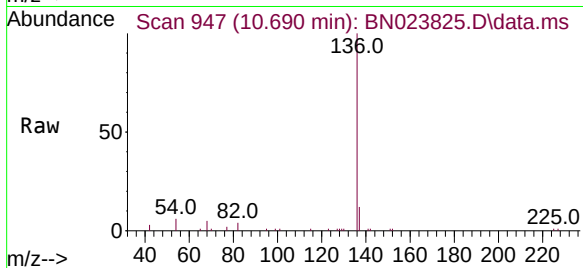




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

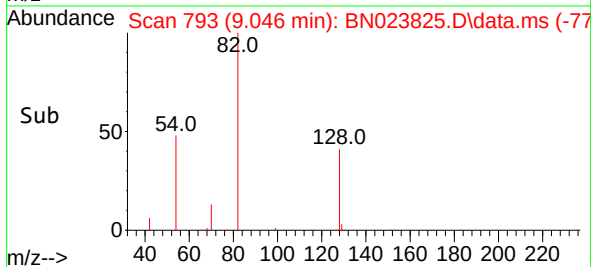
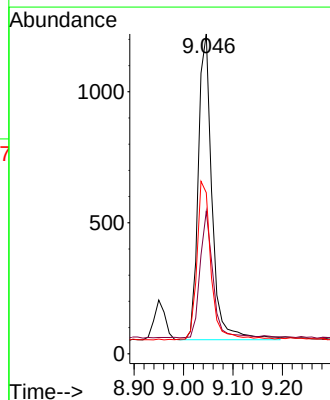
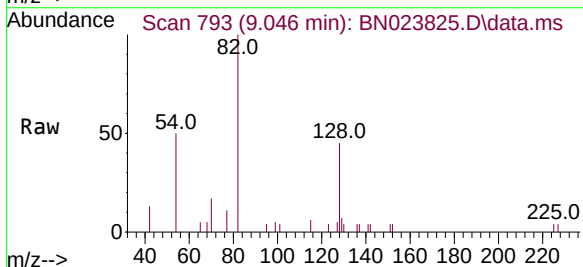
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

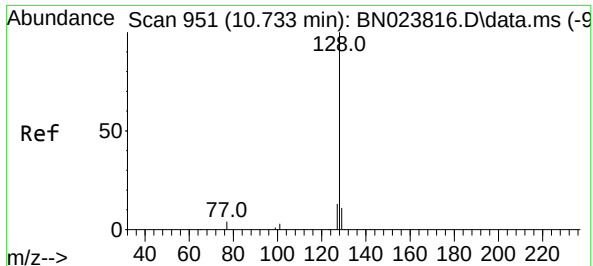
Tgt Ion:	136	Resp:	10644
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.2	13.8
54	6.1	5.4	8.2
68	4.9	4.6	6.8



#8
Nitrobenzene-d5
Concen: 0.279 ng
RT: 9.046 min Scan# 793
Delta R.T. -0.000 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

Tgt Ion:	82	Resp:	2258
Ion Ratio	Lower	Upper	
82	100		
128	44.6	35.6	53.4
54	50.4	40.2	60.4

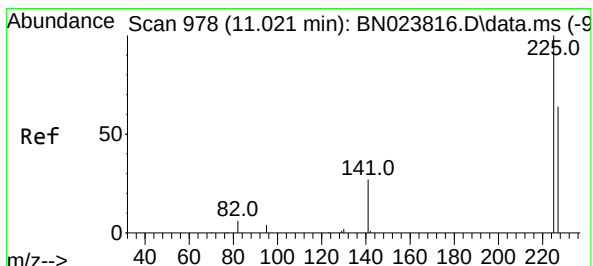
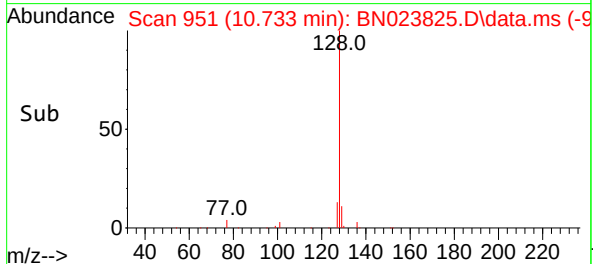
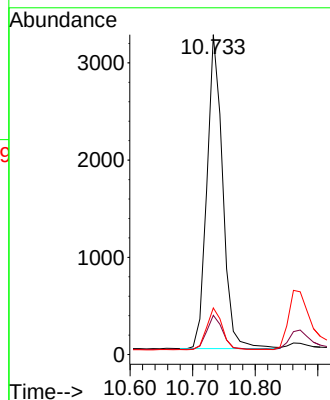
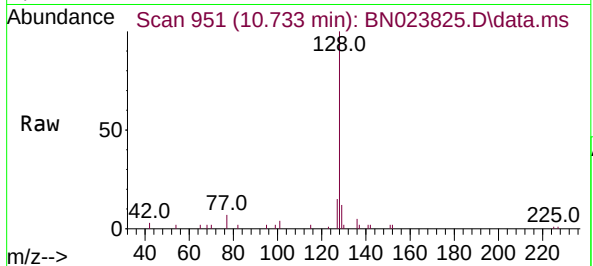




#9
Naphthalene
Concen: 0.212 ng
RT: 10.733 min Scan# 951
Delta R.T. -0.000 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

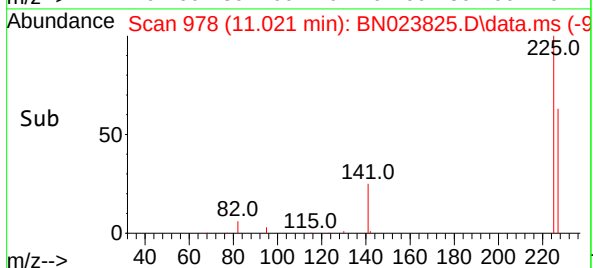
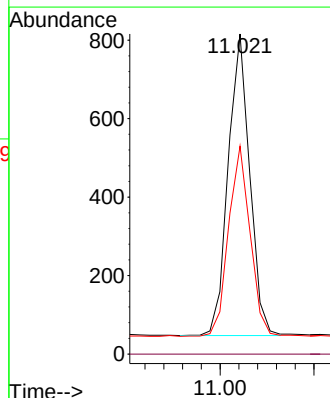
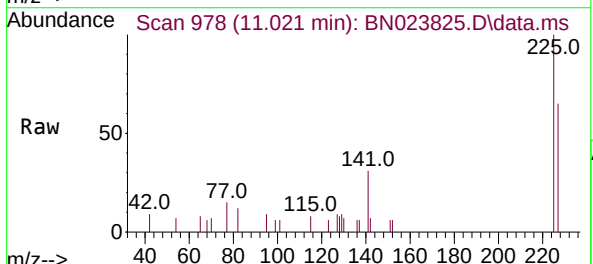
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

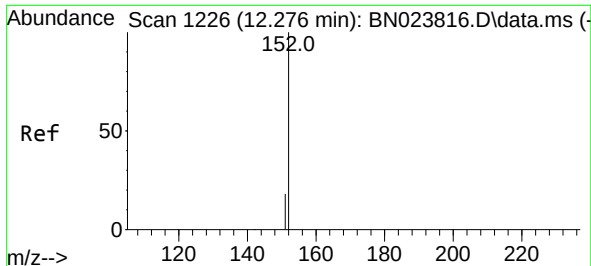
Tgt Ion:	128	Resp:	5660
Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.2	13.8
127	14.6	11.0	16.6



#10
Hexachlorobutadiene
Concen: 0.229 ng
RT: 11.021 min Scan# 978
Delta R.T. -0.000 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

Tgt Ion:	225	Resp:	1225
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	50.8	76.2

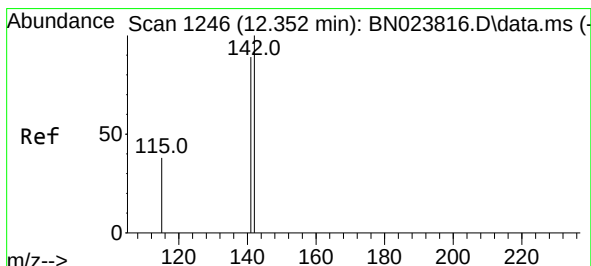
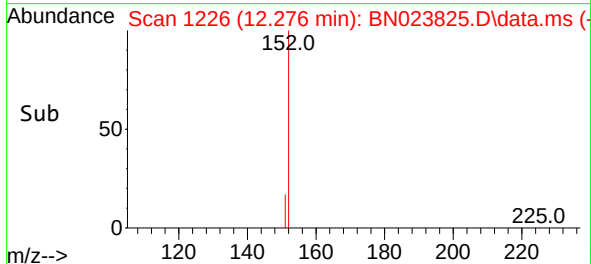
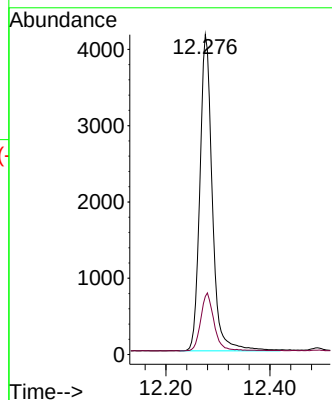
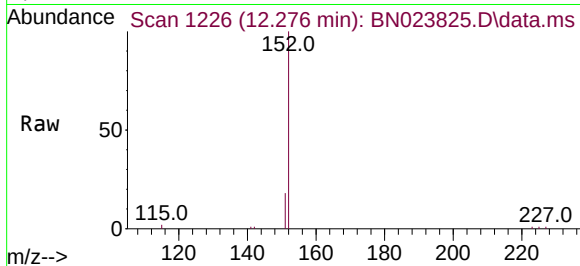




#11
2-Methylnaphthalene-d10
Concen: 0.488 ng
RT: 12.276 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

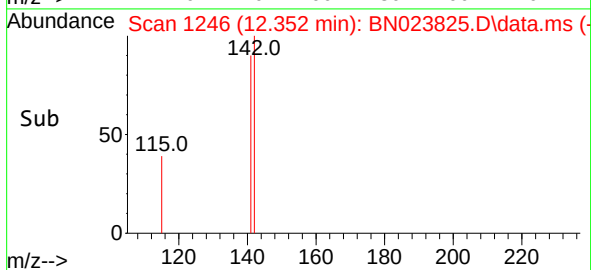
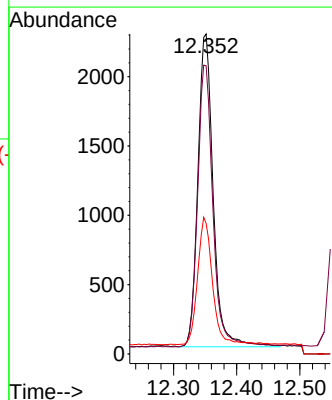
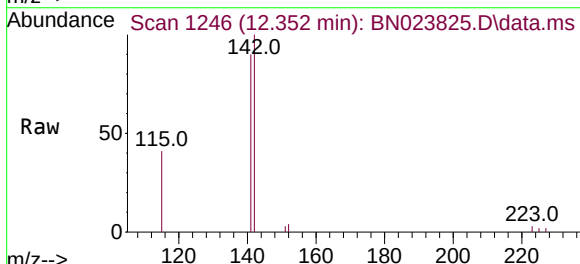
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

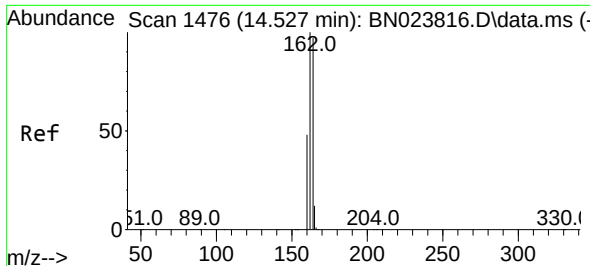
Tgt Ion:152 Resp: 6869
Ion Ratio Lower Upper
152 100
151 19.5 16.8 25.2



#12
2-Methylnaphthalene
Concen: 0.223 ng
RT: 12.352 min Scan# 1246
Delta R.T. -0.000 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

Tgt Ion:142 Resp: 3799
Ion Ratio Lower Upper
142 100
141 90.0 71.0 106.6
115 40.8 31.0 46.4

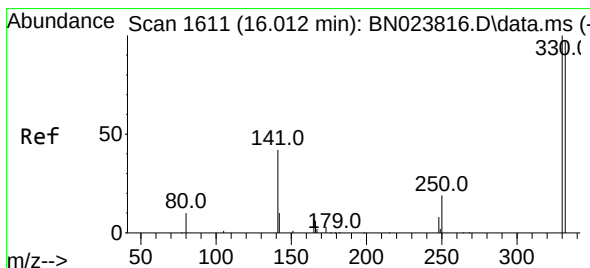
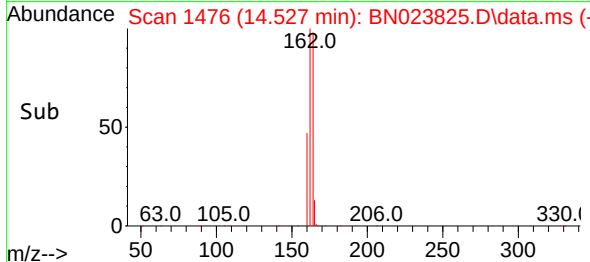
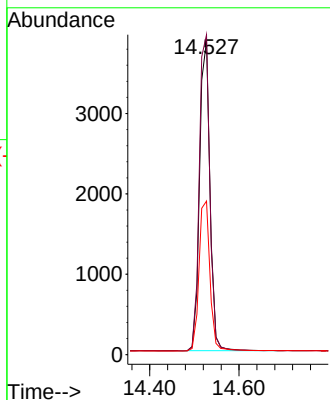
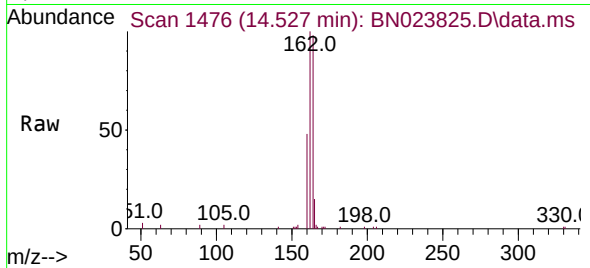




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.527 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

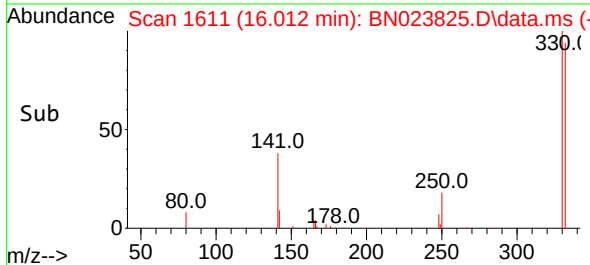
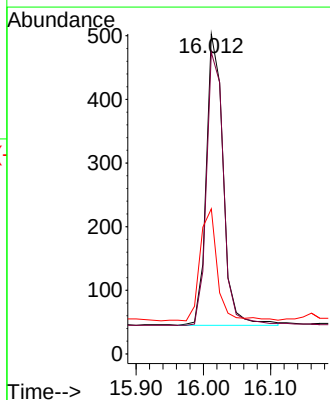
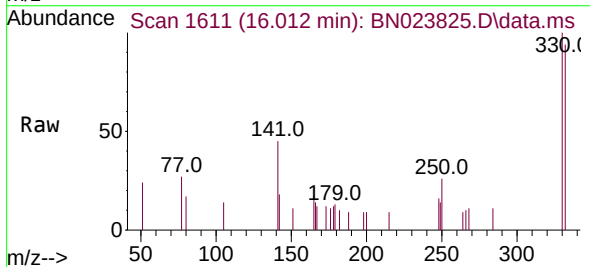
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

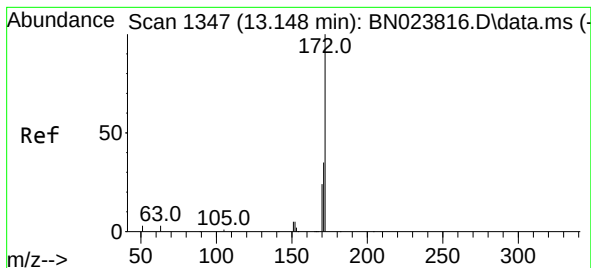
Tgt Ion:164 Resp: 6183
Ion Ratio Lower Upper
164 100
162 102.0 82.5 123.7
160 48.9 39.9 59.9



#14
2,4,6-Tribromophenol
Concen: 0.294 ng
RT: 16.012 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

Tgt Ion:330 Resp: 796
Ion Ratio Lower Upper
330 100
332 94.8 78.8 118.2
141 39.8 33.2 49.8





#15

2-Fluorobiphenyl

Concen: 0.267 ng

RT: 13.148 min Scan# 1347

Delta R.T. -0.000 min

Lab File: BN023825.D

Acq: 26 Jan 2023 19:50

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

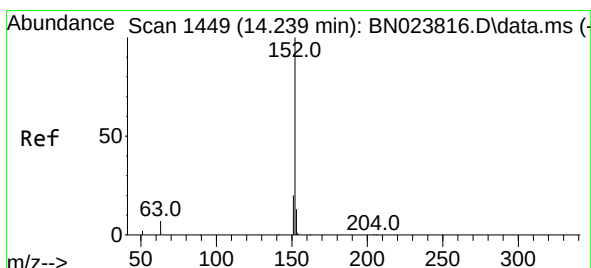
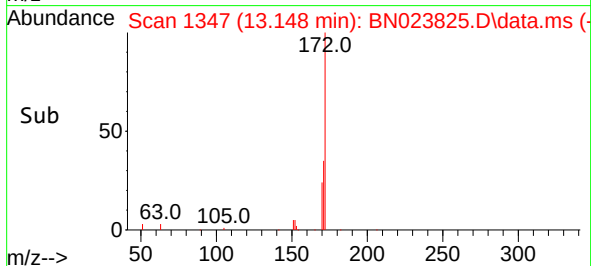
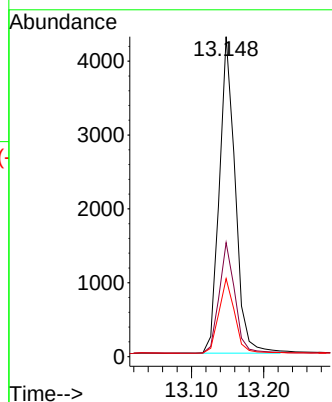
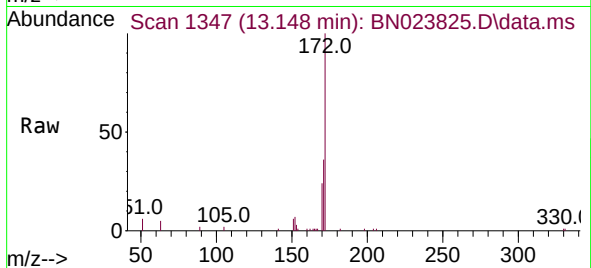
Tgt Ion:172 Resp: 6570

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.4 19.4 29.2



#16

Acenaphthylene

Concen: 0.194 ng

RT: 14.238 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BN023825.D

Acq: 26 Jan 2023 19:50

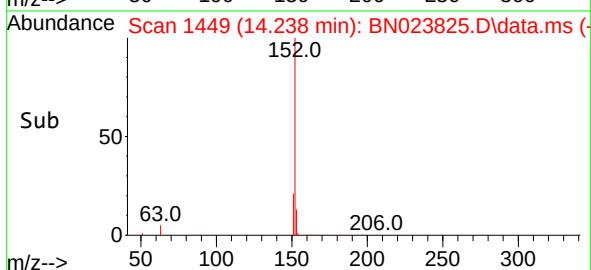
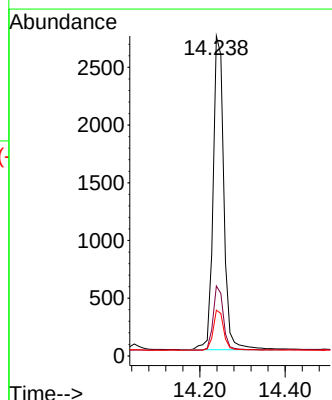
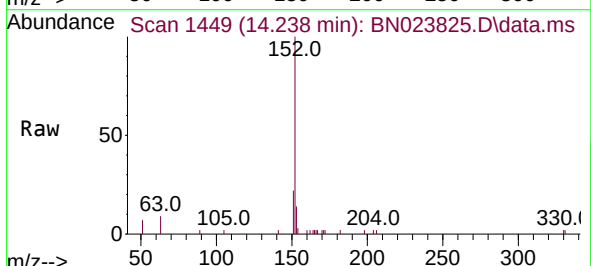
Tgt Ion:152 Resp: 4764

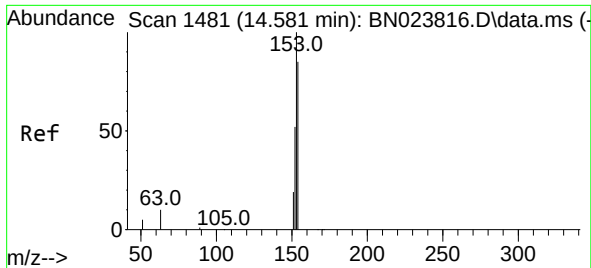
Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.6

153 12.7 10.2 15.4

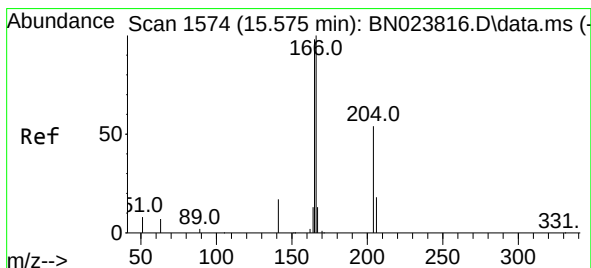
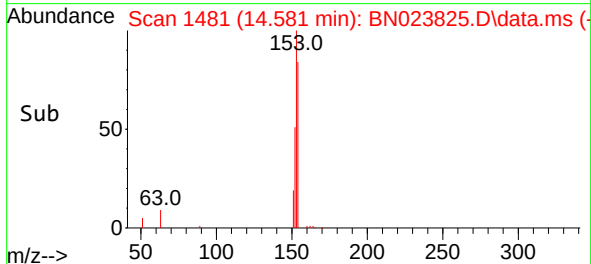
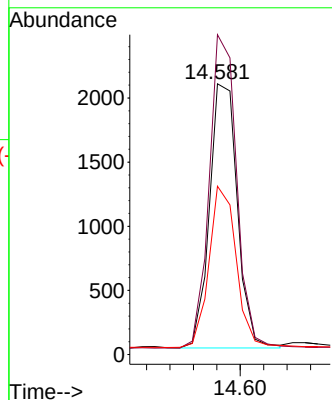
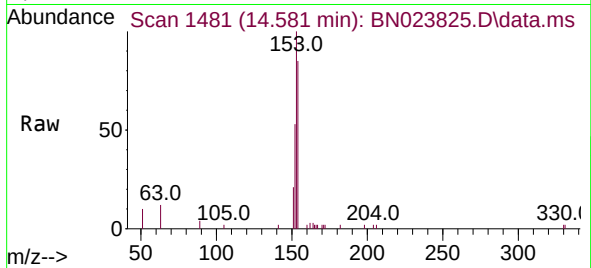




#17
Acenaphthene
Concen: 0.207 ng
RT: 14.581 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

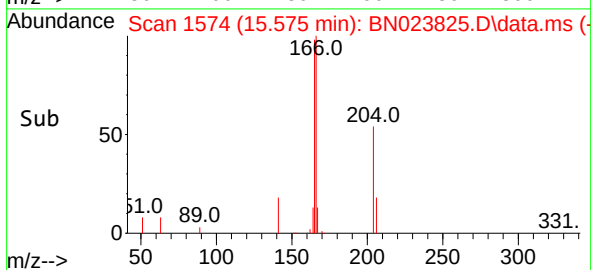
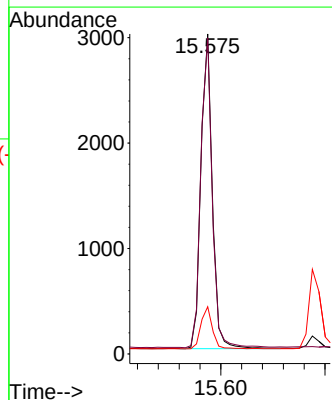
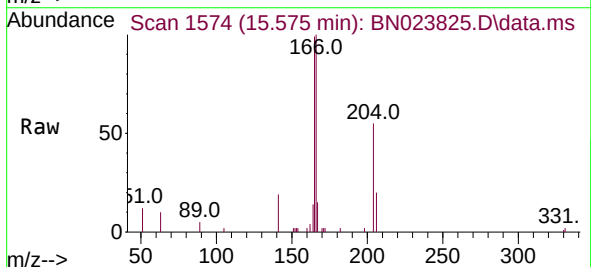
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

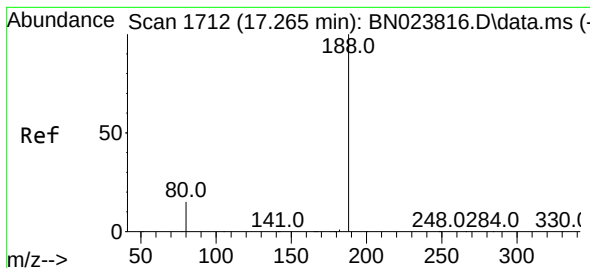
Tgt Ion:154 Resp: 3407
Ion Ratio Lower Upper
154 100
153 117.1 92.6 139.0
152 60.3 48.3 72.5



#18
Fluorene
Concen: 0.201 ng
RT: 15.575 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

Tgt Ion:166 Resp: 4502
Ion Ratio Lower Upper
166 100
165 98.8 80.4 120.6
167 13.5 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.265 min Scan# 1712

Delta R.T. -0.000 min

Lab File: BN023825.D

Acq: 26 Jan 2023 19:50

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

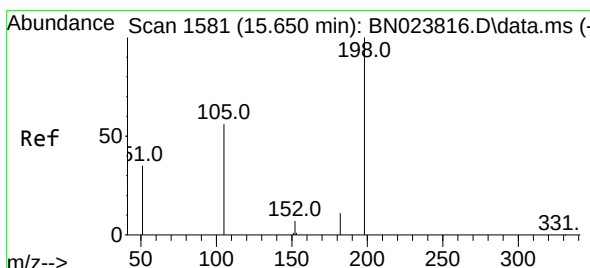
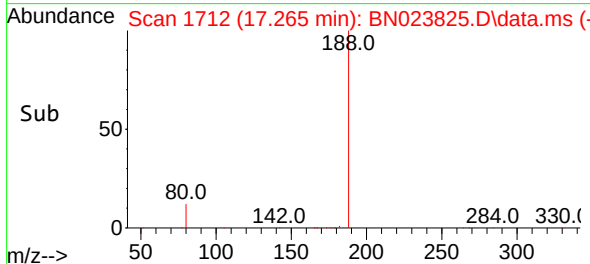
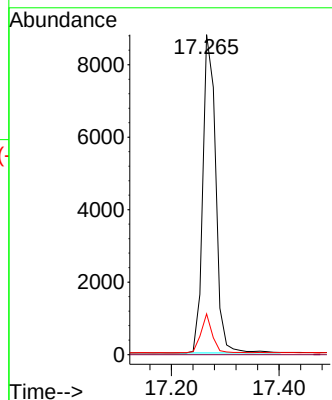
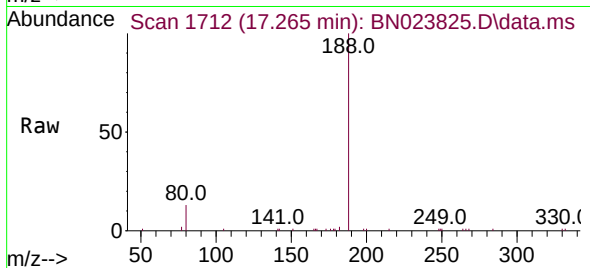
Tgt Ion:188 Resp: 14612

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.7 12.6 18.8



#20

4,6-Dinitro-2-methylphenol

Concen: 0.174 ng

RT: 15.660 min Scan# 1582

Delta R.T. 0.010 min

Lab File: BN023825.D

Acq: 26 Jan 2023 19:50

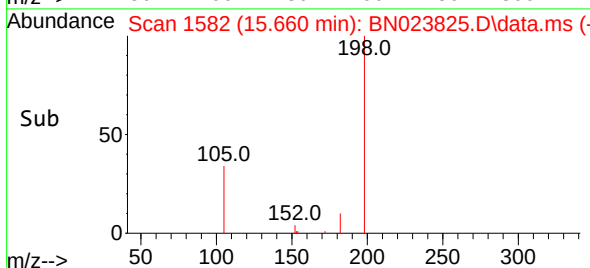
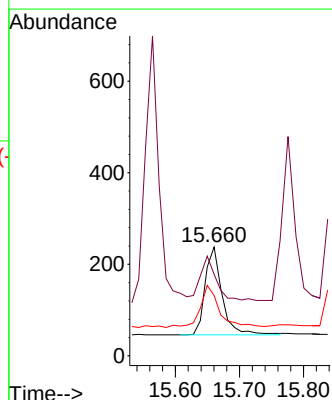
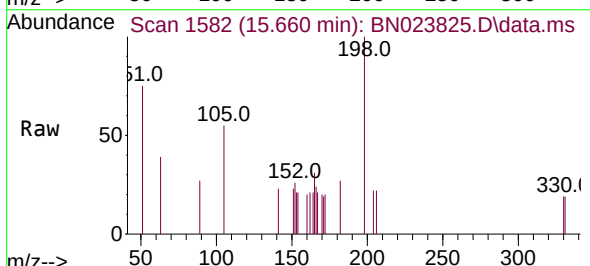
Tgt Ion:198 Resp: 368

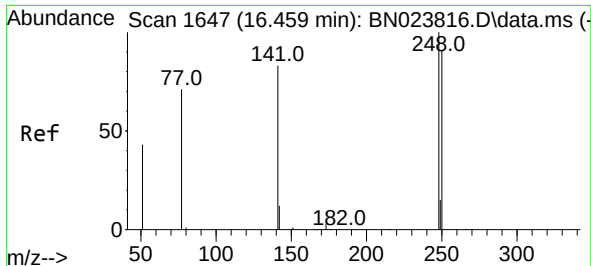
Ion Ratio Lower Upper

198 100

51 74.8 65.1 97.7

105 55.5 53.1 79.7

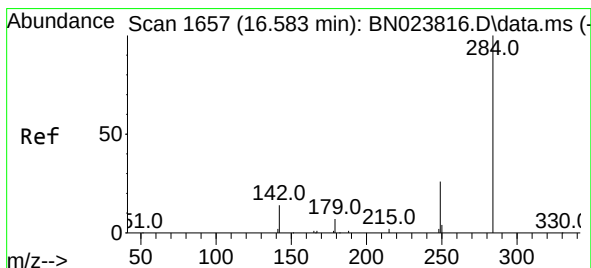
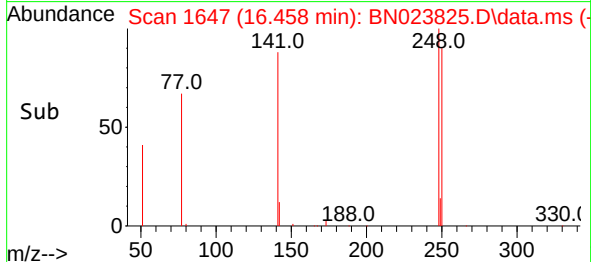
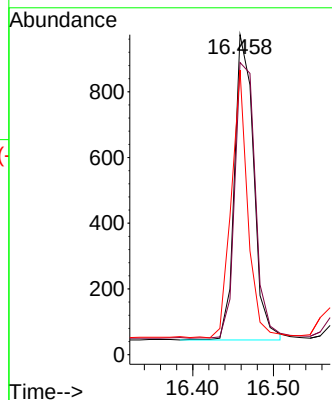
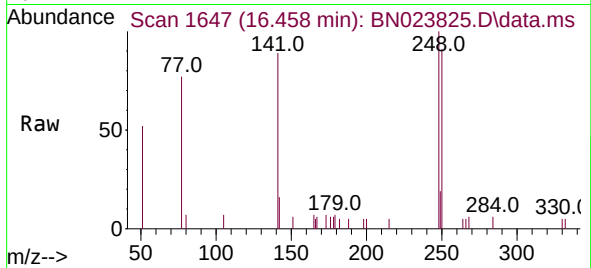




#21
4-Bromophenyl-phenylether
Concen: 0.189 ng
RT: 16.458 min Scan# 1647
Delta R.T. -0.000 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

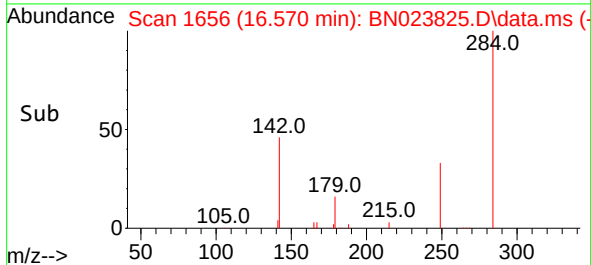
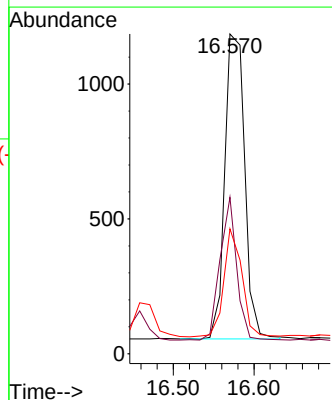
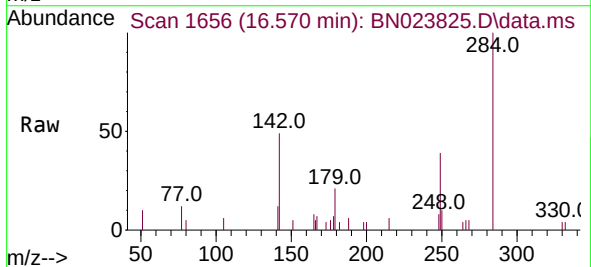
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

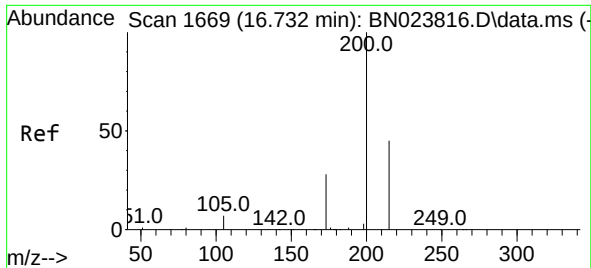
Tgt Ion:	248	Resp:	1533
Ion	Ratio	Lower	Upper
248	100		
250	91.3	72.9	109.3
141	88.9	67.4	101.2



#22
Hexachlorobenzene
Concen: 0.199 ng
RT: 16.570 min Scan# 1656
Delta R.T. -0.013 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

Tgt Ion:	284	Resp:	1937
Ion	Ratio	Lower	Upper
284	100		
142	38.9	31.4	47.2
249	32.2	24.3	36.5





#23

Atrazine

Concen: 0.195 ng

RT: 16.732 min Scan# 1669

Delta R.T. -0.000 min

Lab File: BN023825.D

Acq: 26 Jan 2023 19:50

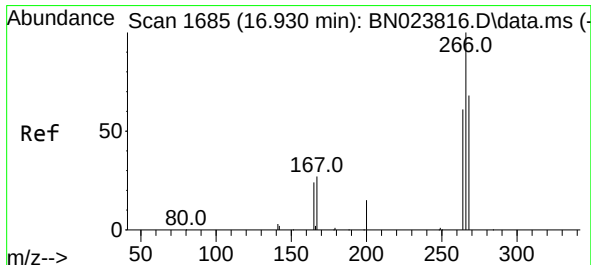
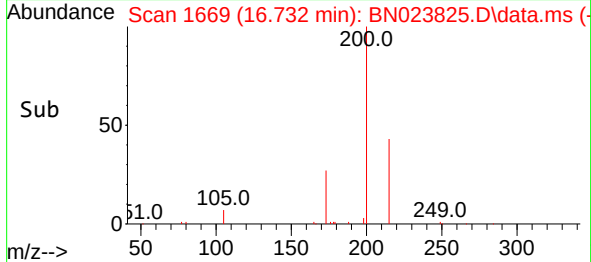
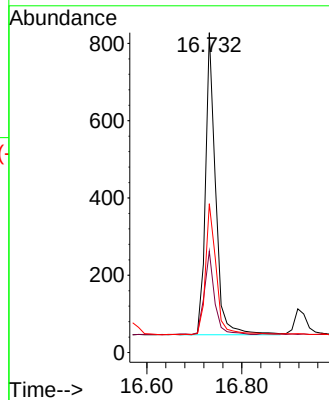
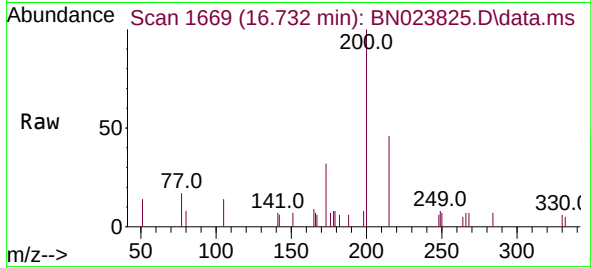
Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

Tgt Ion:	200	Resp:	1151
Ion Ratio	Lower	Upper	
200	100		
173	31.6	24.1	36.1
215	46.5	36.8	55.2



#24

Pentachlorophenol

Concen: 0.167 ng

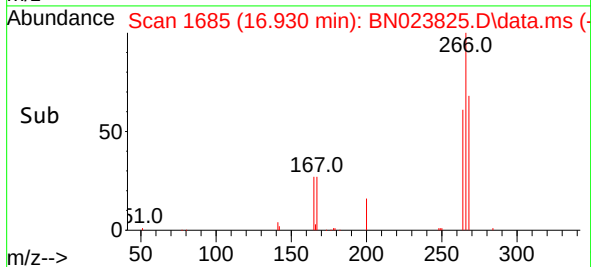
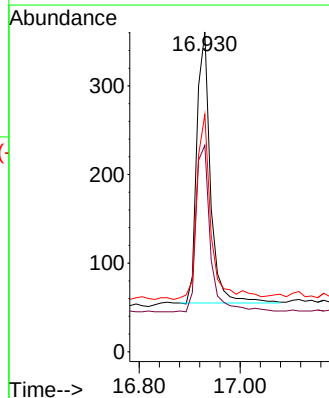
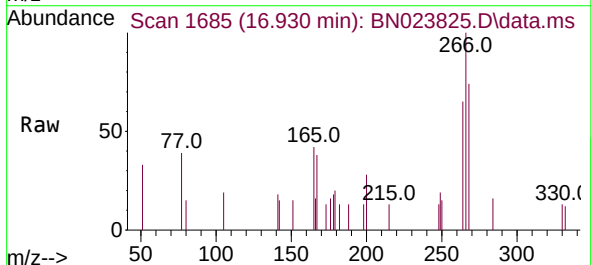
RT: 16.930 min Scan# 1685

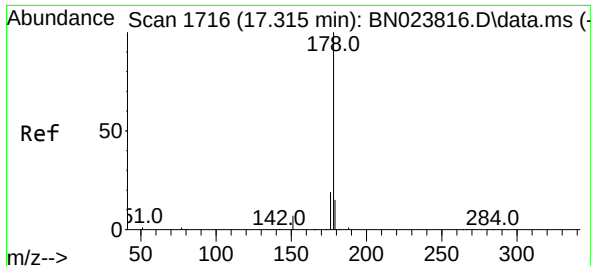
Delta R.T. 0.000 min

Lab File: BN023825.D

Acq: 26 Jan 2023 19:50

Tgt Ion:	266	Resp:	570
Ion Ratio	Lower	Upper	
266	100		
264	65.3	49.0	73.4
268	71.9	50.1	75.1

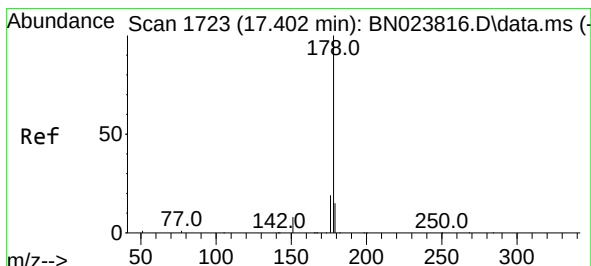
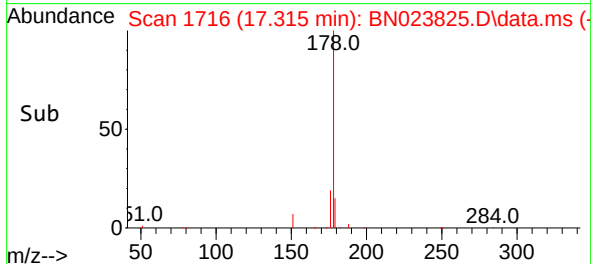
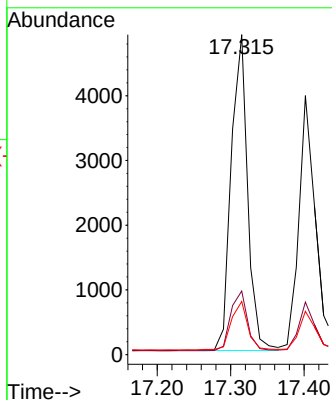
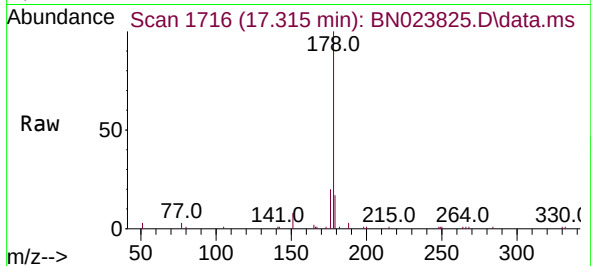




#25
Phenanthrene
Concen: 0.188 ng
RT: 17.315 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

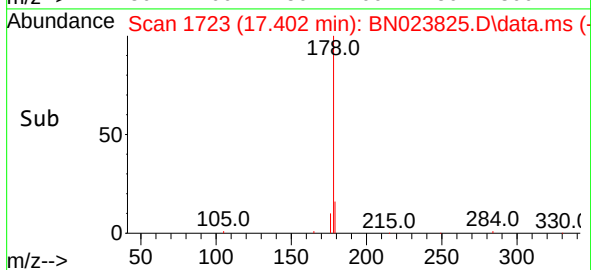
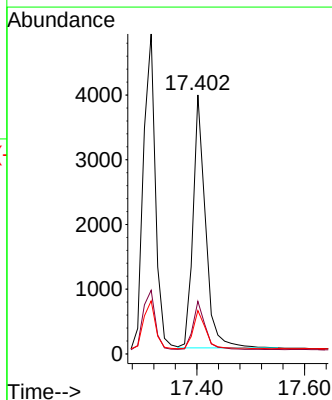
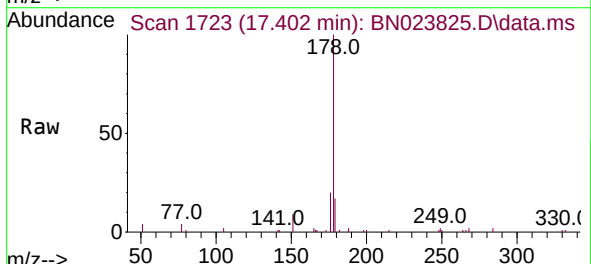
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

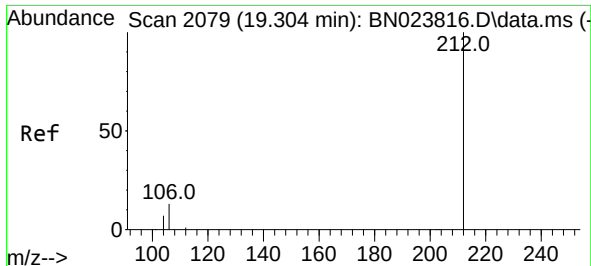
Tgt Ion:	178	Resp:	7628
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.5	23.3
179	15.8	12.2	18.4



#26
Anthracene
Concen: 0.191 ng
RT: 17.402 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

Tgt Ion:	178	Resp:	6267
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.0	22.6
179	15.3	12.1	18.1

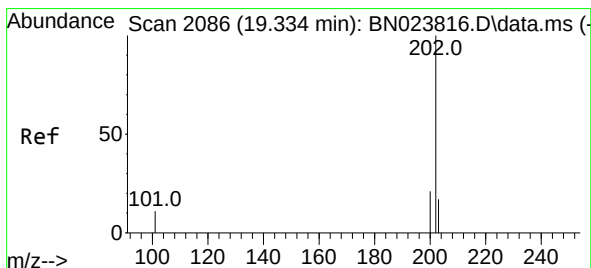
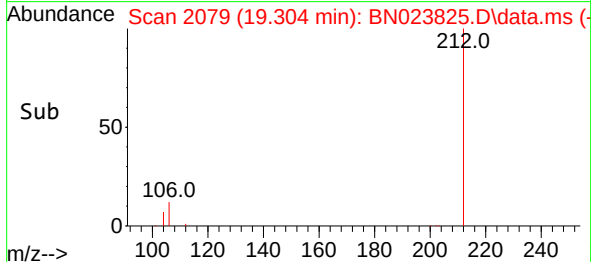
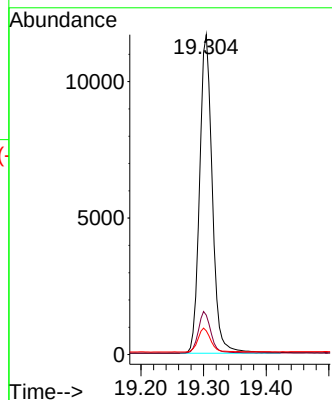
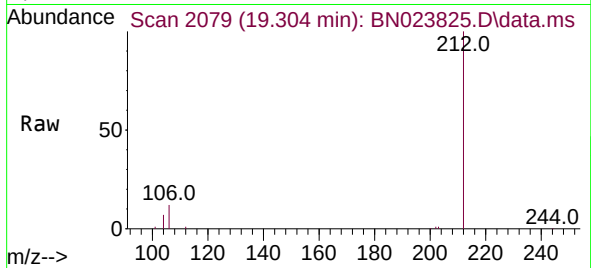




#27
Fluoranthene-d10
Concen: 0.482 ng
RT: 19.304 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

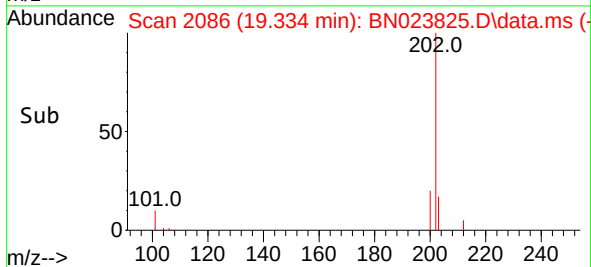
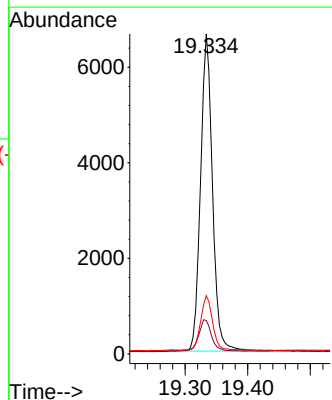
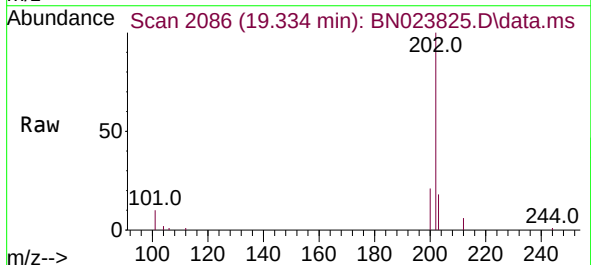
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

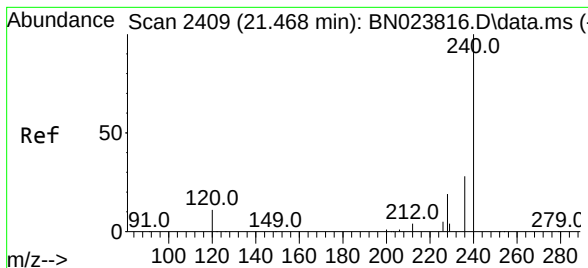
Tgt Ion:212 Resp: 16423
Ion Ratio Lower Upper
212 100
106 12.8 10.8 16.2
104 7.5 6.2 9.4



#28
Fluoranthene
Concen: 0.197 ng
RT: 19.334 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

Tgt Ion:202 Resp: 8773
Ion Ratio Lower Upper
202 100
101 10.9 9.1 13.7
203 17.2 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.459 min Scan# 2408

Delta R.T. -0.009 min

Lab File: BN023825.D

Acq: 26 Jan 2023 19:50

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

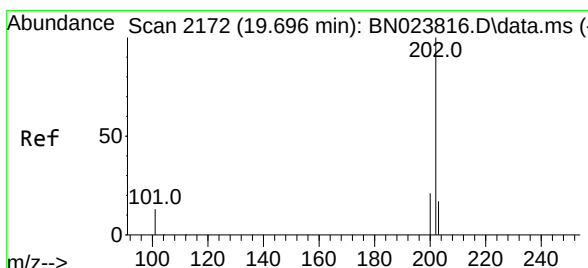
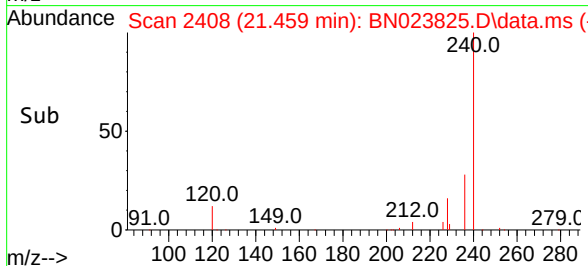
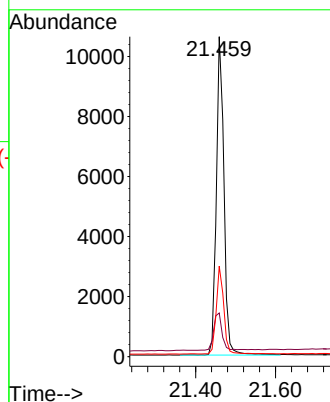
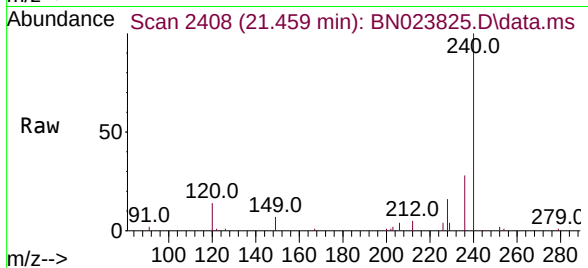
Tgt Ion:240 Resp: 14080

Ion Ratio Lower Upper

240 100

120 13.6 10.6 15.8

236 28.3 22.5 33.7



#30

Pyrene

Concen: 0.184 ng

RT: 19.696 min Scan# 2172

Delta R.T. -0.000 min

Lab File: BN023825.D

Acq: 26 Jan 2023 19:50

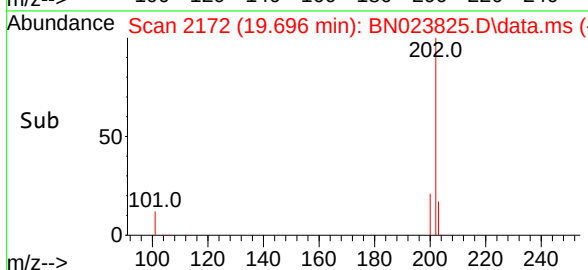
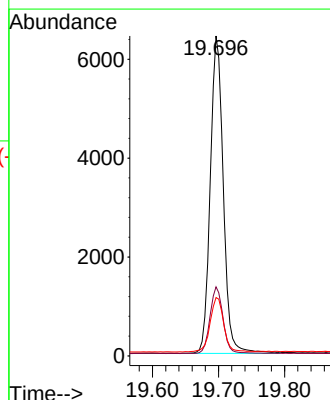
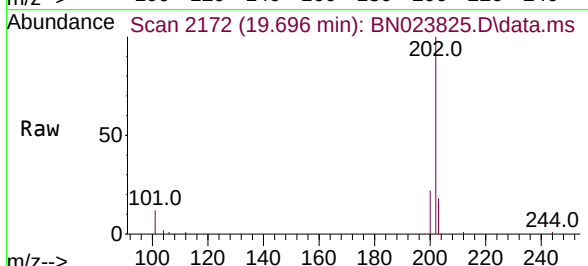
Tgt Ion:202 Resp: 8788

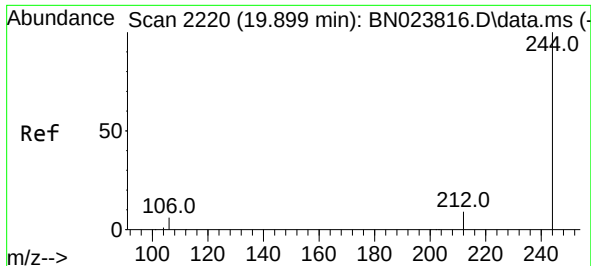
Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

203 18.0 14.1 21.1

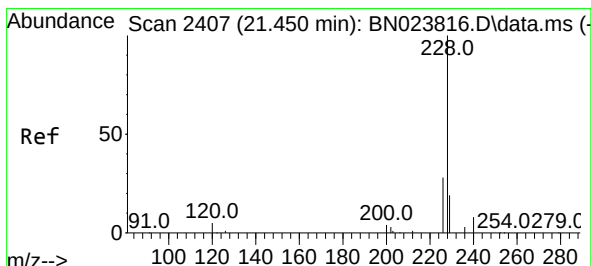
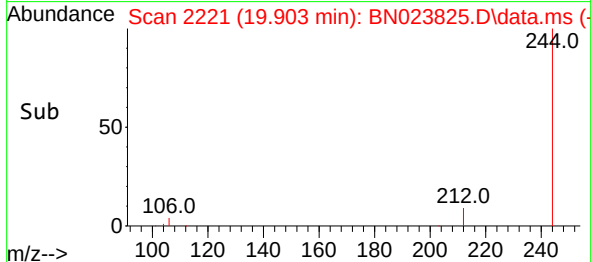
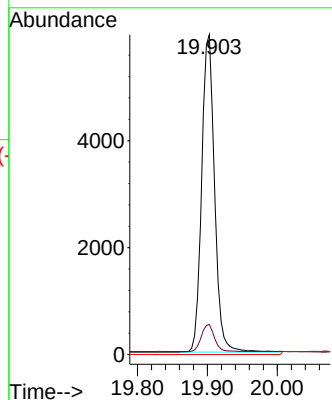
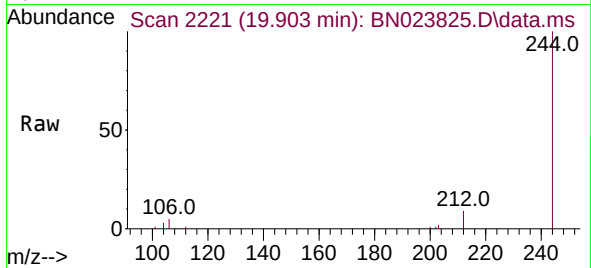




#31
 Terphenyl-d14
 Concen: 0.285 ng
 RT: 19.903 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN023825.D
 Acq: 26 Jan 2023 19:50

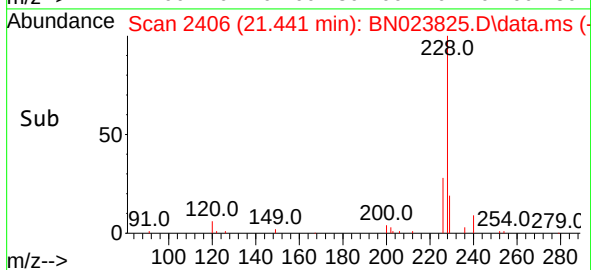
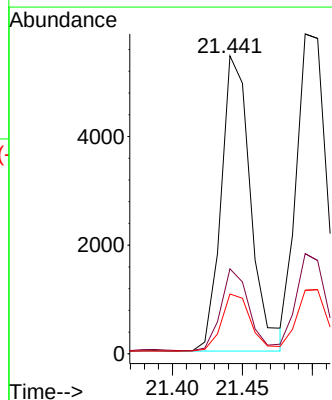
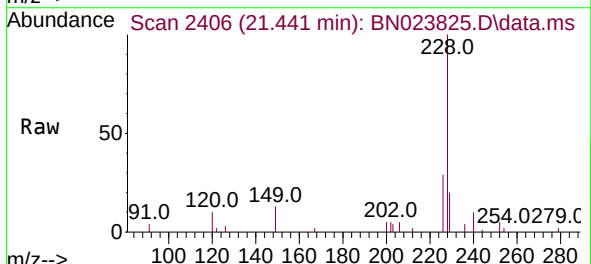
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

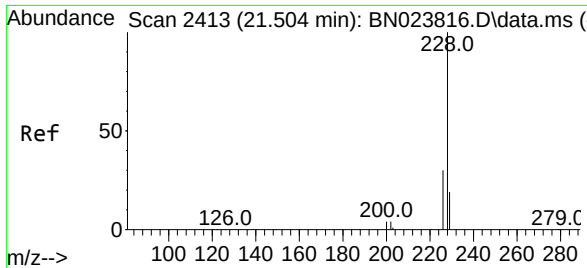
Tgt Ion:244 Resp: 7617
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.4 11.0
 122 0.0 0.0 0.0



#32
 Benzo(a)anthracene
 Concen: 0.186 ng
 RT: 21.441 min Scan# 2406
 Delta R.T. -0.009 min
 Lab File: BN023825.D
 Acq: 26 Jan 2023 19:50

Tgt Ion:228 Resp: 7979
 Ion Ratio Lower Upper
 228 100
 226 28.6 22.6 34.0
 229 20.1 15.8 23.6





#33

Chrysene

Concen: 0.188 ng

RT: 21.495 min Scan# 2413

Delta R.T. -0.009 min

Lab File: BN023825.D

Acq: 26 Jan 2023 19:50

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

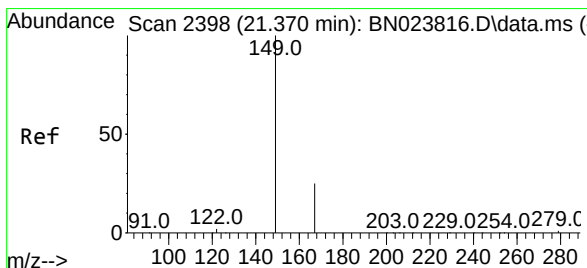
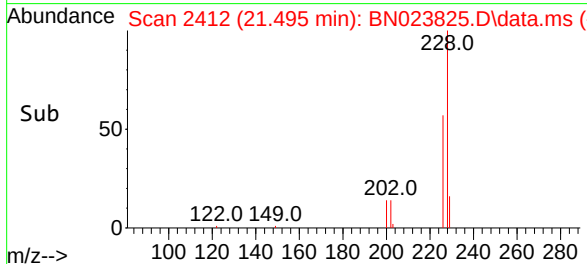
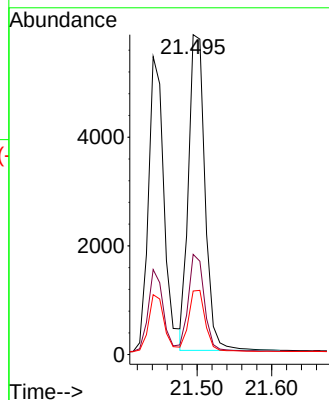
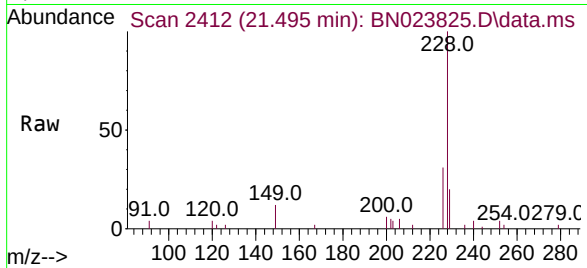
Tgt Ion:228 Resp: 8912

Ion Ratio Lower Upper

228 100

226 31.3 24.2 36.4

229 19.9 15.4 23.2



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.215 ng

RT: 21.369 min Scan# 2398

Delta R.T. -0.000 min

Lab File: BN023825.D

Acq: 26 Jan 2023 19:50

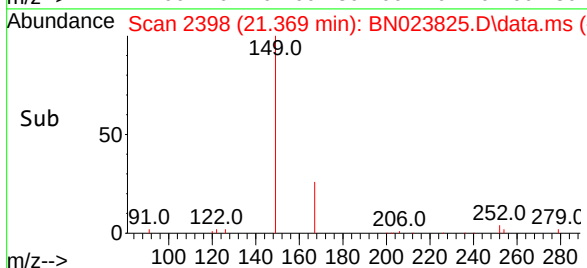
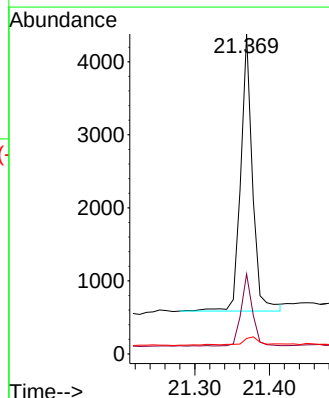
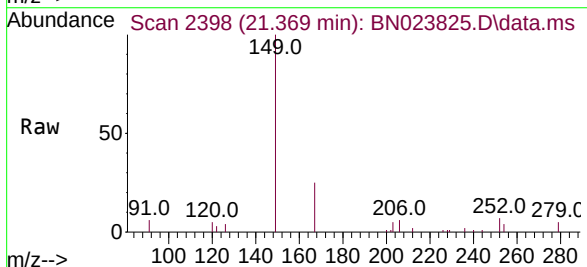
Tgt Ion:149 Resp: 4173

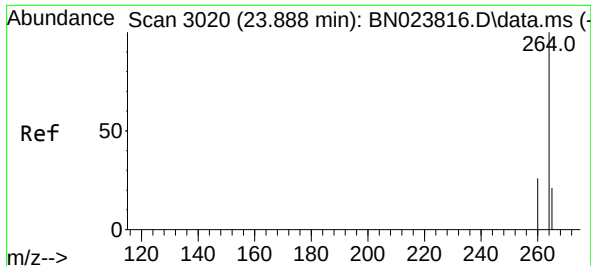
Ion Ratio Lower Upper

149 100

167 24.6 20.4 30.6

279 3.6 2.2 3.4

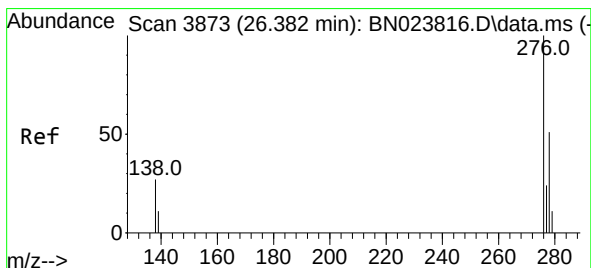
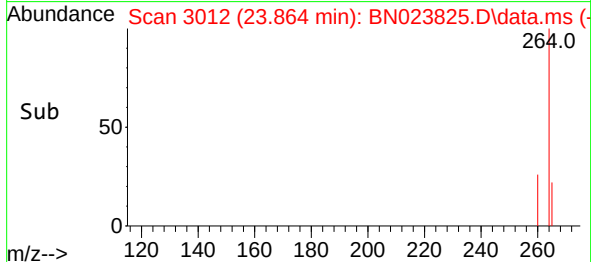
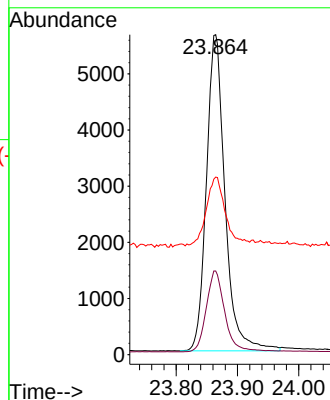
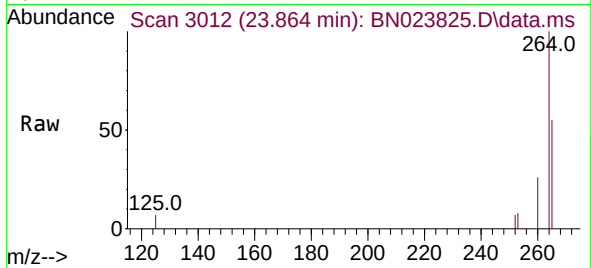




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.864 min Scan# 3020
Delta R.T. -0.023 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

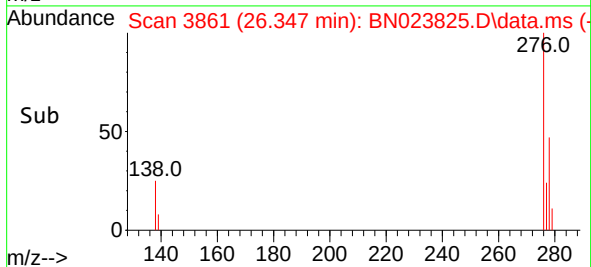
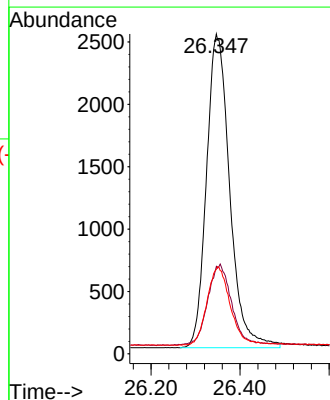
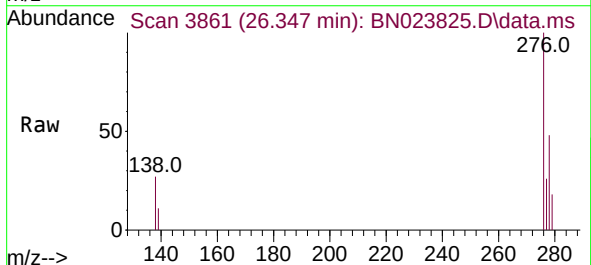
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

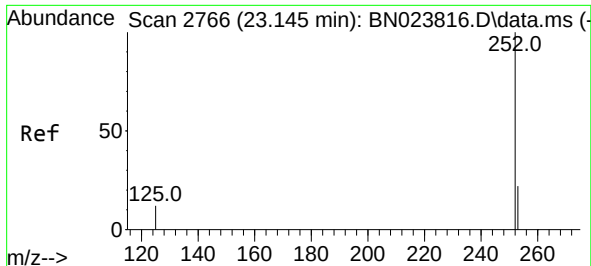
Tgt Ion:264	Resp:	11872
Ion Ratio	Lower	Upper
264	100	
260	26.1	21.5 32.3
265	55.5	44.5 66.7



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.185 ng
RT: 26.347 min Scan# 3861
Delta R.T. -0.035 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

Tgt Ion:276	Resp:	9110
Ion Ratio	Lower	Upper
276	100	
138	25.7	23.2 34.8
277	25.0	19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.204 ng

RT: 23.130 min Scan# 21

Delta R.T. -0.015 min

Lab File: BN023825.D

Acq: 26 Jan 2023 19:50

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

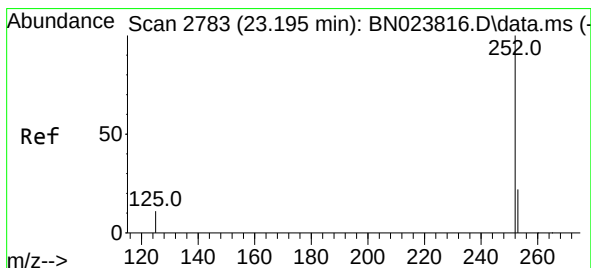
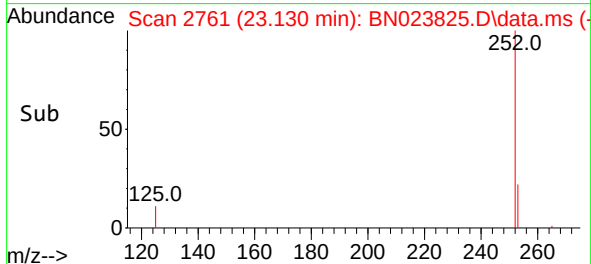
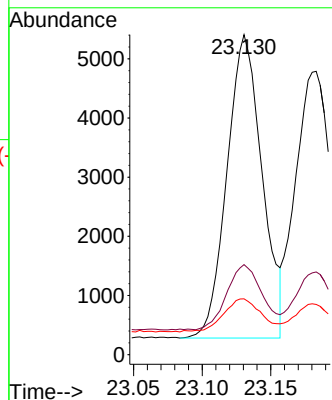
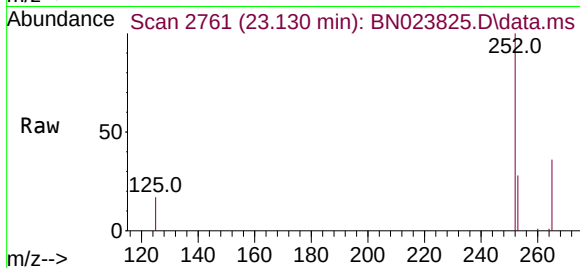
Tgt Ion:252 Resp: 9136

Ion Ratio Lower Upper

252 100

253 28.1 20.2 30.4

125 17.4 12.7 19.1



#38

Benzo(k)fluoranthene

Concen: 0.192 ng

RT: 23.183 min Scan# 2779

Delta R.T. -0.012 min

Lab File: BN023825.D

Acq: 26 Jan 2023 19:50

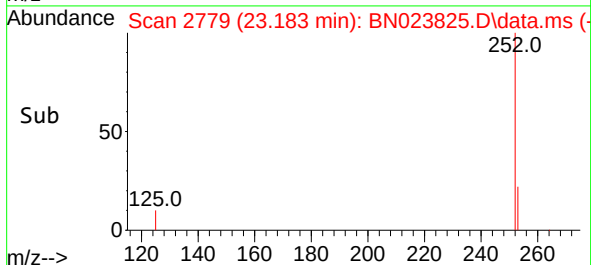
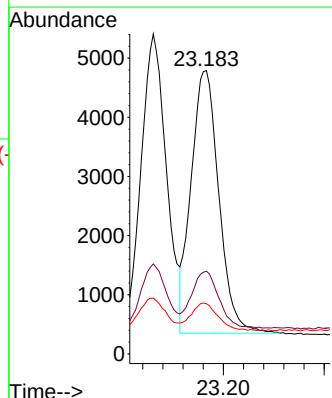
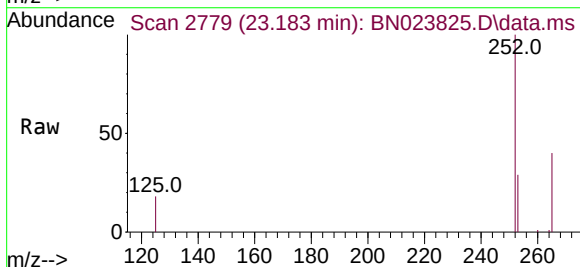
Tgt Ion:252 Resp: 8477

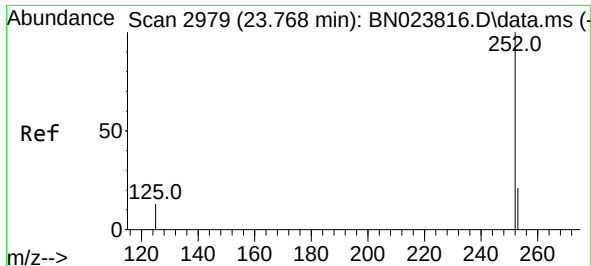
Ion Ratio Lower Upper

252 100

253 29.2 20.5 30.7

125 17.7 12.6 18.8

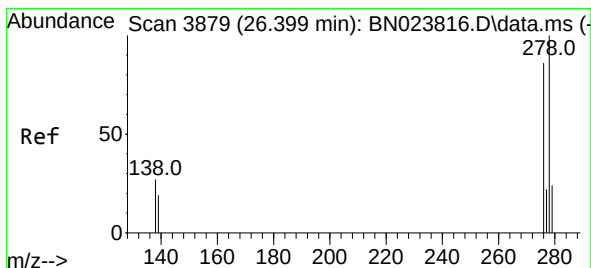
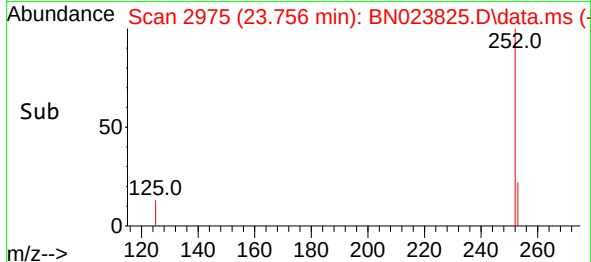
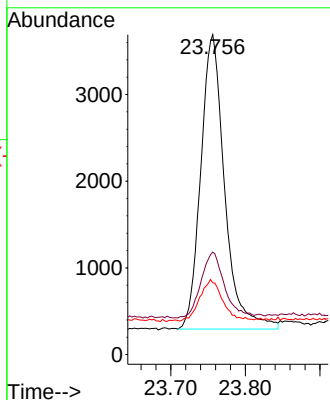
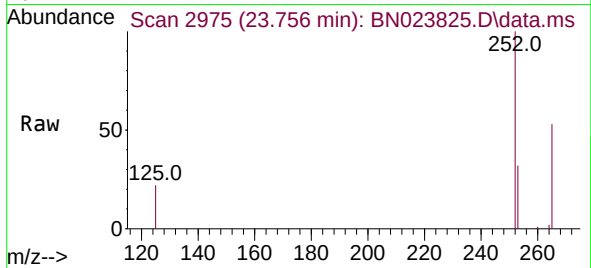




#39
Benzo(a)pyrene
Concen: 0.225 ng
RT: 23.756 min Scan# 2975
Delta R.T. -0.012 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

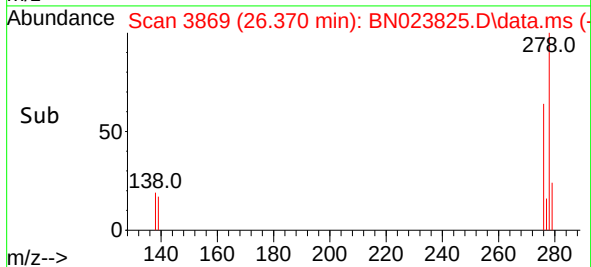
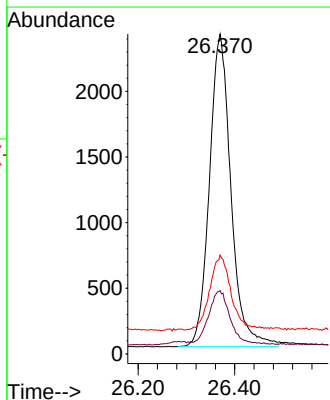
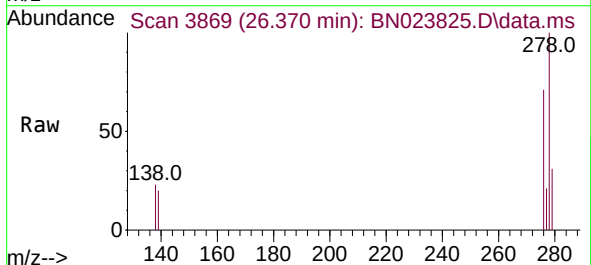
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

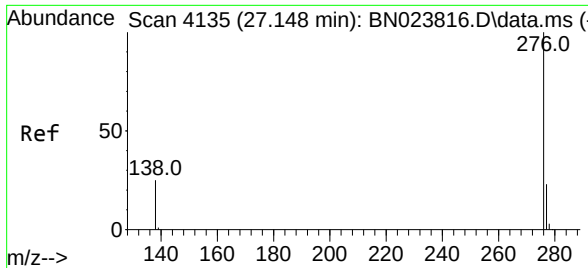
Tgt Ion:252	Resp:	7557
Ion Ratio	Lower	Upper
252	100	
253	32.0	22.0 33.0
125	22.4	16.2 24.4



#40
Dibenzo(a,h)anthracene
Concen: 0.185 ng
RT: 26.370 min Scan# 3869
Delta R.T. -0.029 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

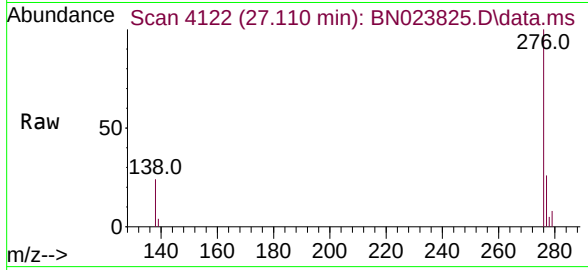
Tgt Ion:278	Resp:	7373
Ion Ratio	Lower	Upper
278	100	
139	19.8	16.5 24.7
279	30.9	21.7 32.5





#41
Benzo(g,h,i)perylene
Concen: 0.192 ng
RT: 27.110 min Scan# 41
Delta R.T. -0.038 min
Lab File: BN023825.D
Acq: 26 Jan 2023 19:50

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion: 276 Resp: 8138

Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.7	29.5
138	23.8	21.3	31.9

