

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012723\
 Data File : BN023824.D
 Acq On : 26 Jan 2023 19:13
 Operator : CG/JU
 Sample : N3980-03
 Misc : MDL-MDL-SOIL 0.1ng
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jan 27 02:15:30 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)

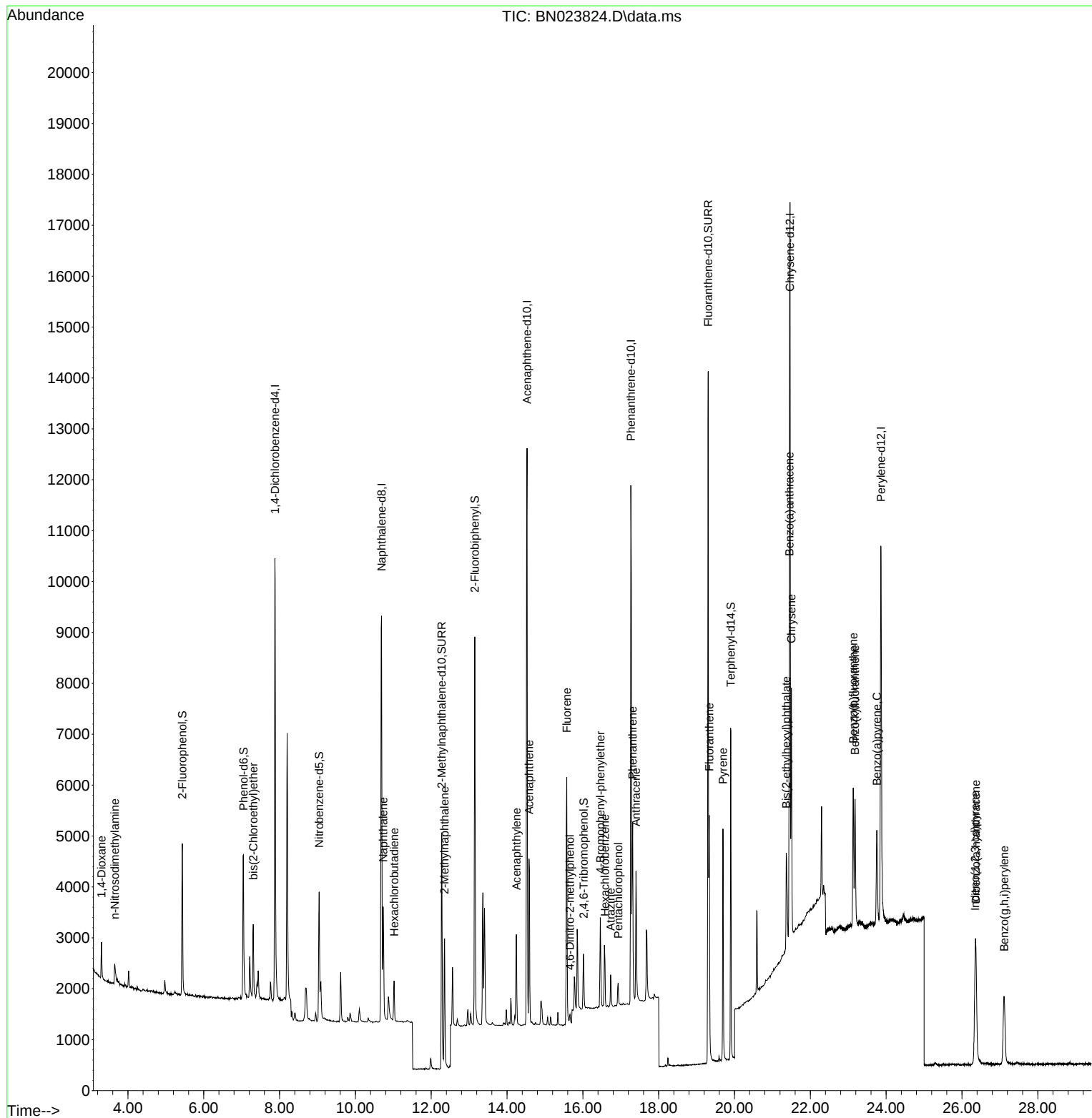
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	4411	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	11861	0.400	ng	0.00
13) Acenaphthene-d10	14.527	164	6625	0.400	ng	0.00
19) Phenanthrene-d10	17.266	188	15132	0.400	ng	0.00
29) Chrysene-d12	21.464	240	13725	0.400	ng	0.00
35) Perylene-d12	23.860	264	10645	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	2517	0.274	ng	0.00
5) Phenol-d6	7.046	99	2842	0.262	ng	0.00
8) Nitrobenzene-d5	9.046	82	2306	0.256	ng	0.00
11) 2-Methylnaphthalene-d10	12.276	152	6736	0.430	ng	0.00
14) 2,4,6-Tribromophenol	16.024	330	675	0.233	ng	0.01
15) 2-Fluorobiphenyl	13.148	172	6585	0.250	ng	0.00
27) Fluoranthene-d10	19.304	212	15258	0.432	ng	0.00
31) Terphenyl-d14	19.903	244	7181	0.276	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	480	0.103	ng	99
3) n-Nitrosodimethylamine	3.651	42	366	0.074	ng	# 95
6) bis(2-Chloroethyl)ether	7.306	93	1116	0.101	ng	97
9) Naphthalene	10.733	128	2876	0.097	ng	# 95
10) Hexachlorobutadiene	11.021	225	618	0.104	ng	# 97
12) 2-Methylnaphthalene	12.352	142	1844	0.097	ng	97
16) Acenaphthylene	14.249	152	2294	0.087	ng	100
17) Acenaphthene	14.581	154	1687	0.096	ng	98
18) Fluorene	15.575	166	2180	0.091	ng	99
20) 4,6-Dinitro-2-methylph...	15.661	198	177	0.081	ng	# 69
21) 4-Bromophenyl-phenylether	16.459	248	728	0.087	ng	91
22) Hexachlorobenzene	16.583	284	938	0.093	ng	97
23) Atrazine	16.732	200	561	0.092	ng	# 87
24) Pentachlorophenol	16.930	266	266	0.075	ng	95
25) Phenanthrene	17.315	178	3757	0.090	ng	99
26) Anthracene	17.402	178	3001	0.088	ng	99
28) Fluoranthene	19.334	202	4230	0.092	ng	99
30) Pyrene	19.696	202	4104	0.088	ng	99
32) Benzo(a)anthracene	21.446	228	3443	0.082	ng	99
33) Chrysene	21.500	228	4064	0.088	ng	98
34) Bis(2-ethylhexyl)phtha...	21.366	149	1990	0.105	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.348	276	3501	0.079	ng	97
37) Benzo(b)fluoranthene	23.132	252	3790	0.094	ng	# 73
38) Benzo(k)fluoranthene	23.179	252	3443	0.087	ng	# 74
39) Benzo(a)pyrene	23.755	252	3122	0.104	ng	# 65
40) Dibenzo(a,h)anthracene	26.369	278	2836	0.079	ng	# 80
41) Benzo(g,h,i)perylene	27.112	276	3203	0.084	ng	94

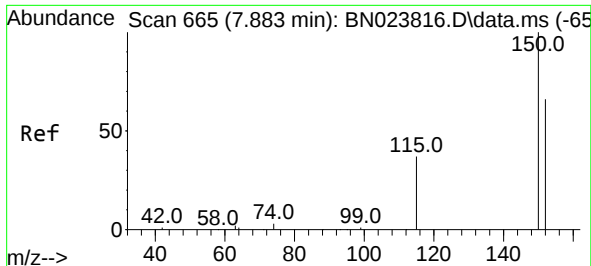
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012723\
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Instrument :
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Quant Time: Jan 27 02:15:30 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 02:14:21 2023
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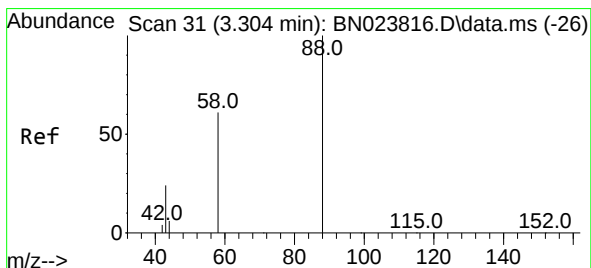
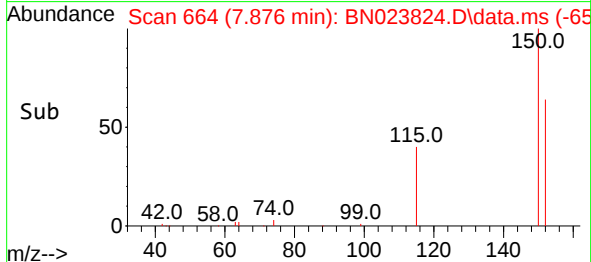
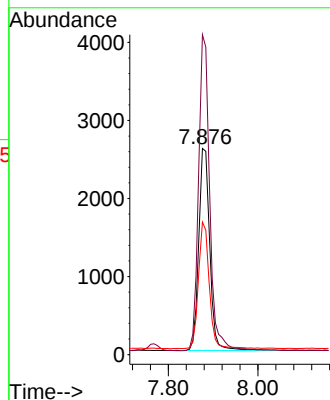
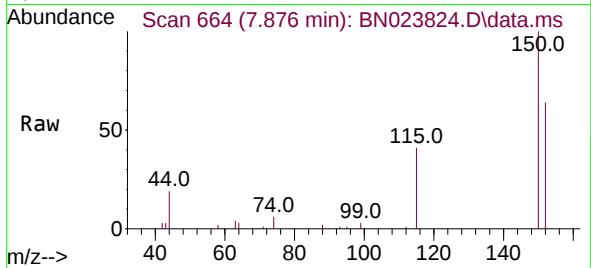




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.876 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN023824.D
 Acq: 26 Jan 2023 19:13

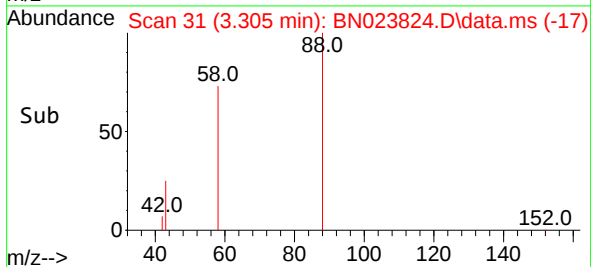
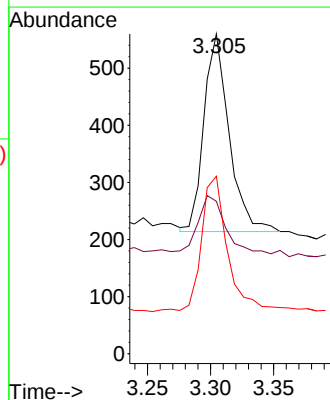
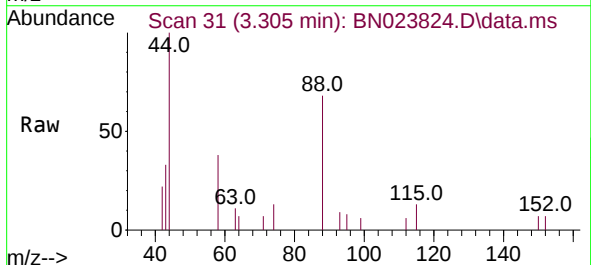
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

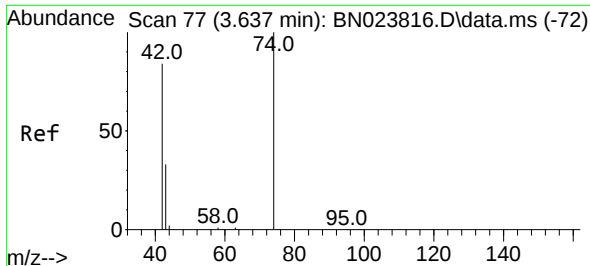
Tgt Ion:152 Resp: 4411
 Ion Ratio Lower Upper
 152 100
 150 155.2 120.5 180.7
 115 64.3 46.4 69.6



#2
 1,4-Dioxane
 Concen: 0.103 ng
 RT: 3.305 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN023824.D
 Acq: 26 Jan 2023 19:13

Tgt Ion: 88 Resp: 480
 Ion Ratio Lower Upper
 88 100
 43 32.1 24.5 36.7
 58 71.0 56.9 85.3

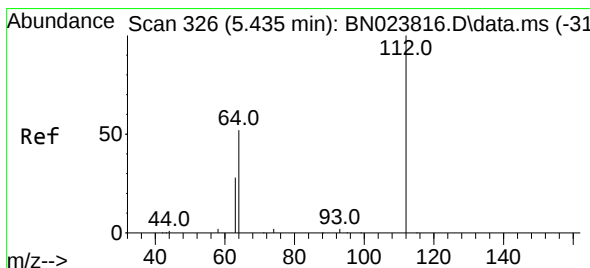
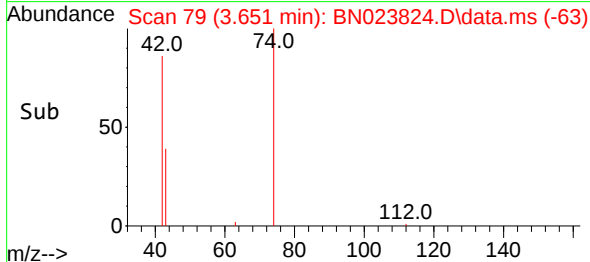
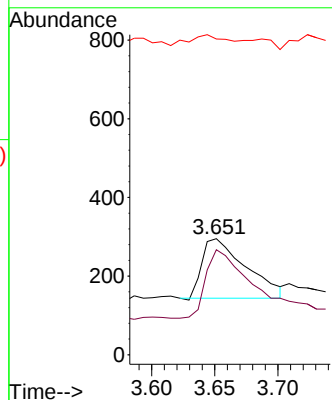
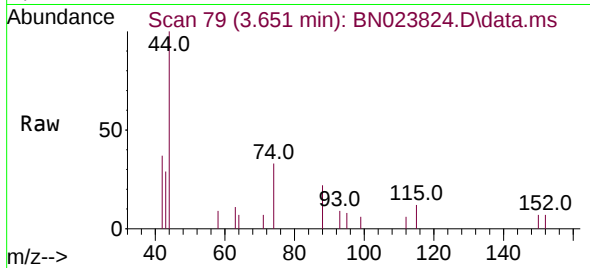




#3
n-Nitrosodimethylamine
Concen: 0.074 ng
RT: 3.651 min Scan# 79
Delta R.T. 0.015 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

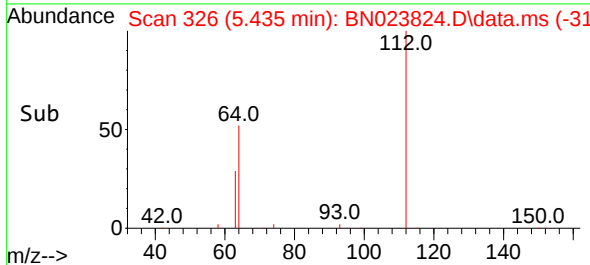
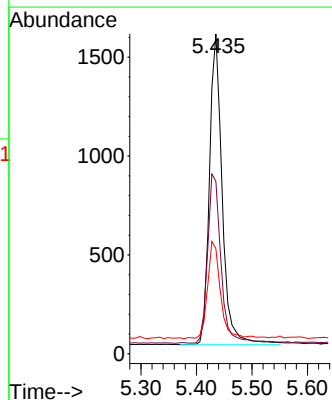
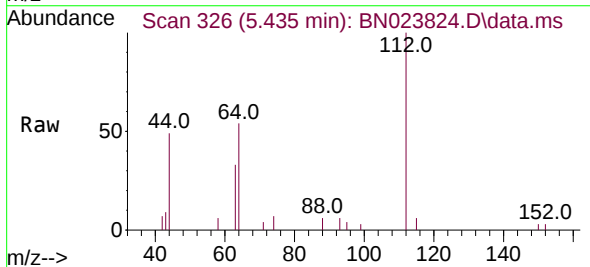
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

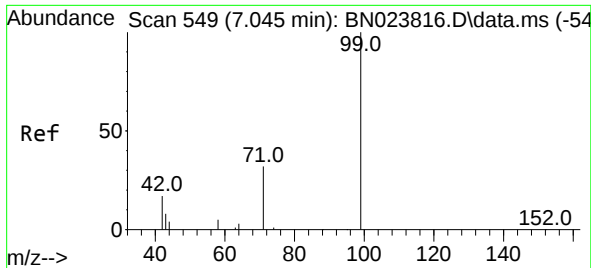
Tgt Ion: 42 Resp: 366
Ion Ratio Lower Upper
42 100
74 109.8 91.8 137.8
44 13.9 6.9 10.3#



#4
2-Fluorophenol
Concen: 0.274 ng
RT: 5.435 min Scan# 326
Delta R.T. 0.000 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

Tgt Ion: 112 Resp: 2517
Ion Ratio Lower Upper
112 100
64 56.5 45.7 68.5
63 32.3 24.6 37.0

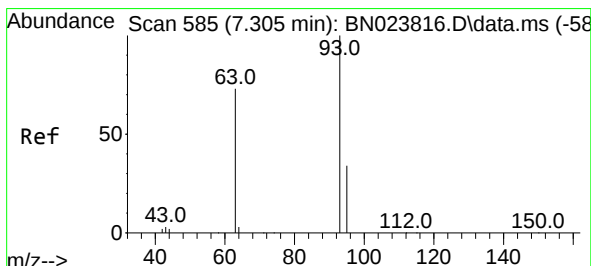
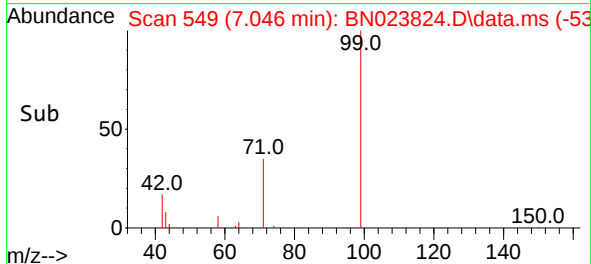
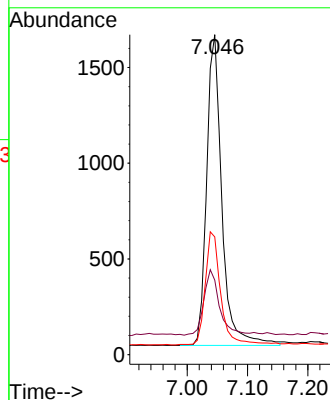
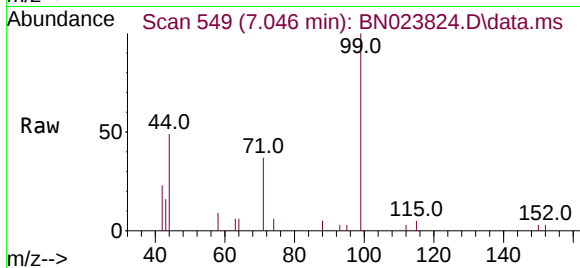




#5
Phenol-d6
Concen: 0.262 ng
RT: 7.046 min Scan# 549
Delta R.T. 0.000 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

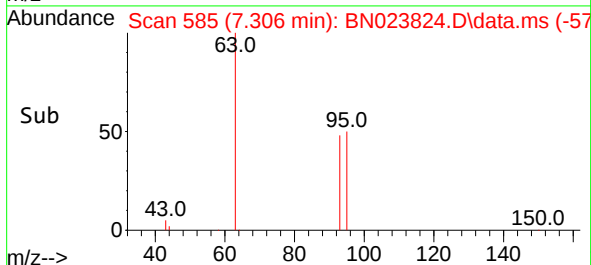
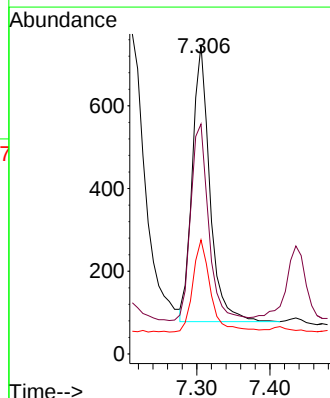
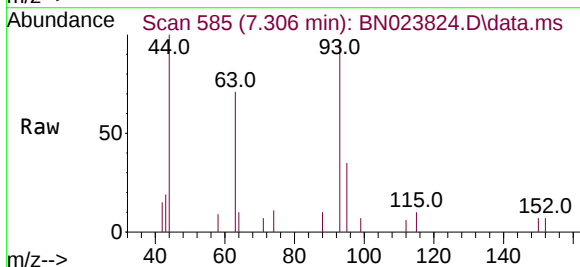
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT3-2022

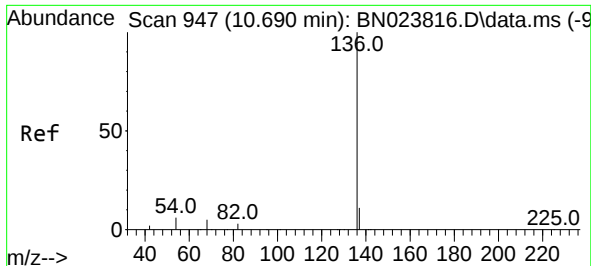
Tgt Ion:	99	Resp:	2842
Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.9	26.9
71	37.1	27.7	41.5



#6
bis(2-Chloroethyl)ether
Concen: 0.101 ng
RT: 7.306 min Scan# 585
Delta R.T. 0.000 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

Tgt Ion:	93	Resp:	1116
Ion	Ratio	Lower	Upper
93	100		
63	72.8	60.2	90.4
95	33.9	25.9	38.9

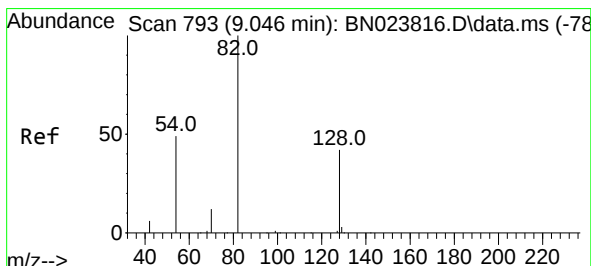
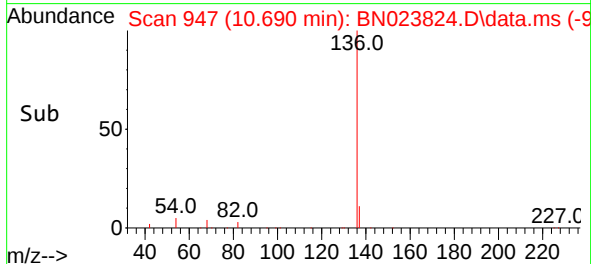
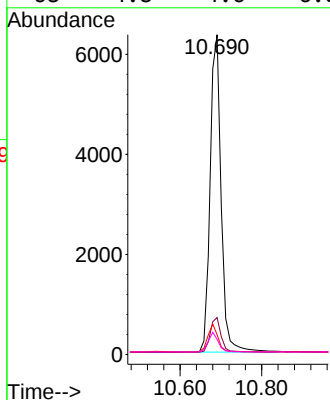
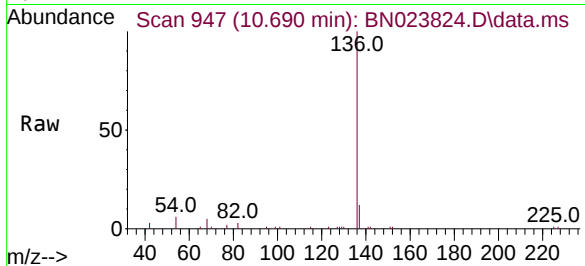




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

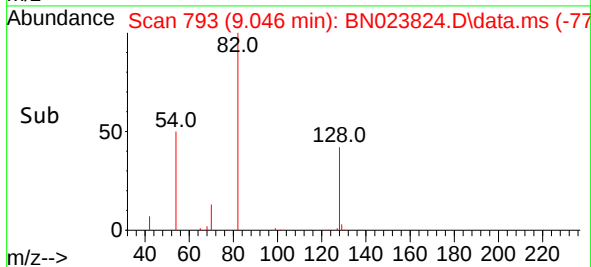
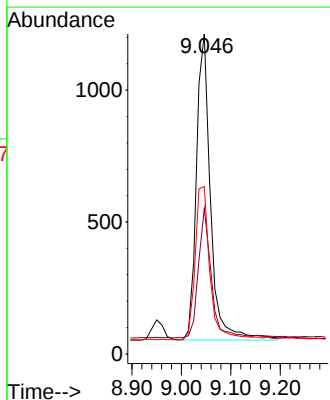
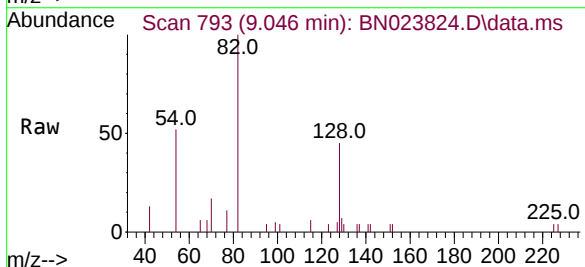
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

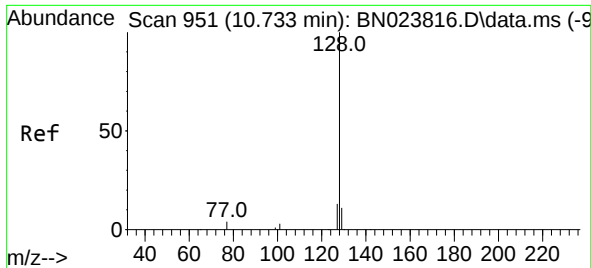
Tgt Ion:	136	Resp:	11861
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	6.2	5.4	8.2
68	4.8	4.6	6.8



#8
Nitrobenzene-d5
Concen: 0.256 ng
RT: 9.046 min Scan# 793
Delta R.T. 0.000 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

Tgt Ion:	82	Resp:	2306
Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.6	53.4
54	52.3	40.2	60.4

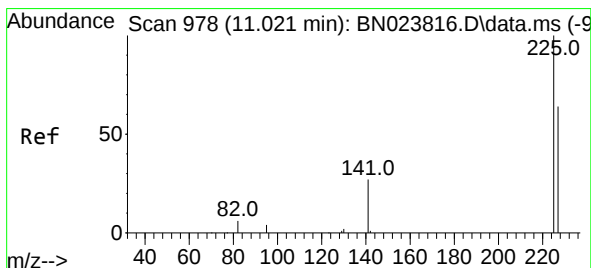
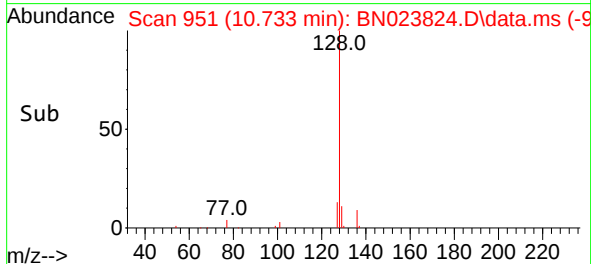
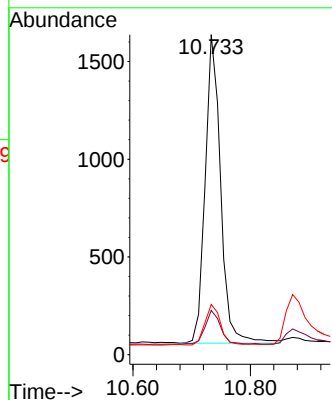
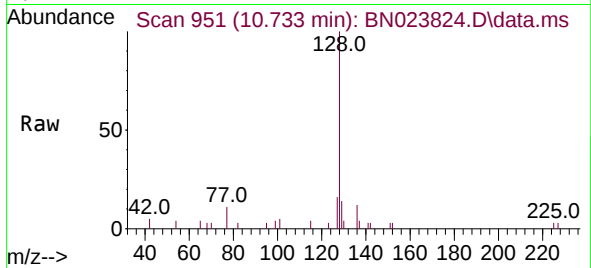




#9
Naphthalene
Concen: 0.097 ng
RT: 10.733 min Scan# 951
Delta R.T. 0.000 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

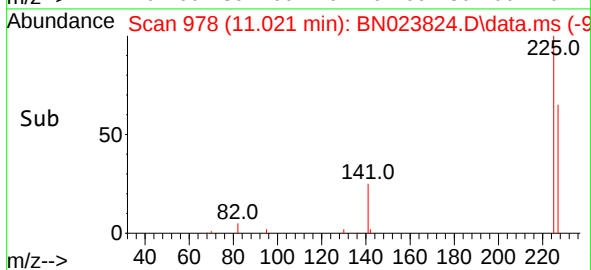
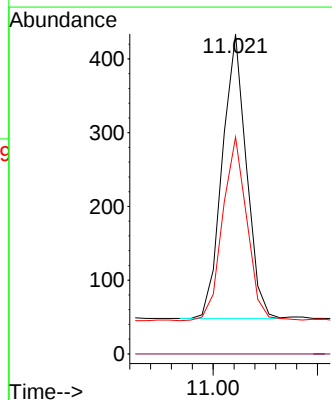
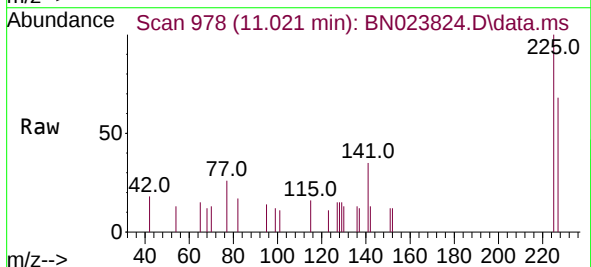
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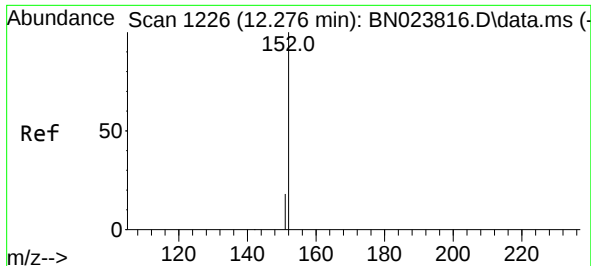
Tgt Ion:128 Resp: 2876
Ion Ratio Lower Upper
128 100
129 13.9 9.2 13.8#
127 15.7 11.0 16.6



#10
Hexachlorobutadiene
Concen: 0.104 ng
RT: 11.021 min Scan# 978
Delta R.T. 0.000 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

Tgt Ion:225 Resp: 618
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 65.5 50.8 76.2

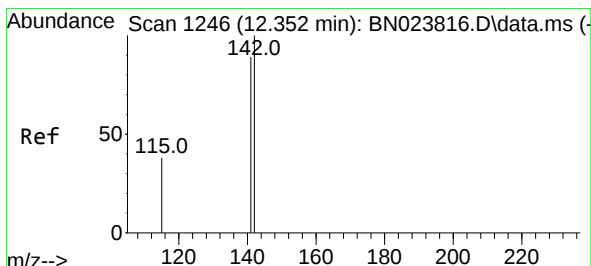
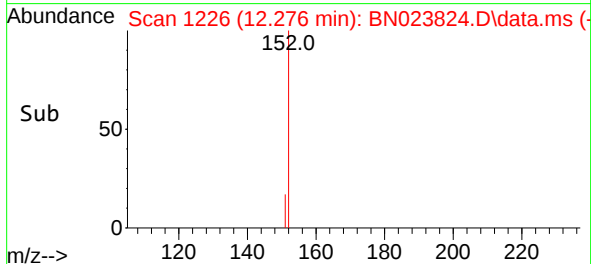
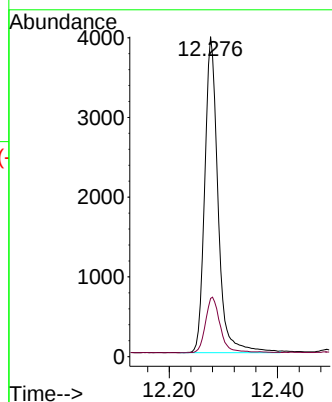
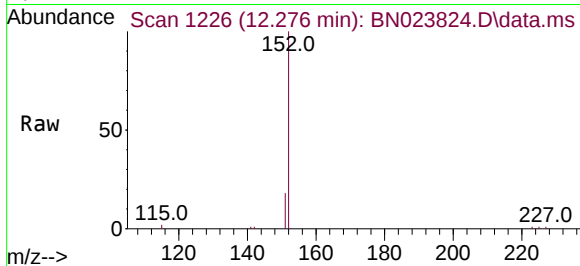




#11
2-Methylnaphthalene-d10
Concen: 0.430 ng
RT: 12.276 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

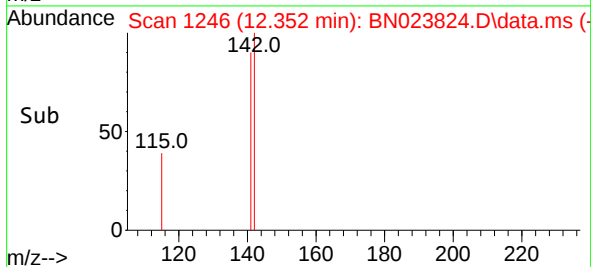
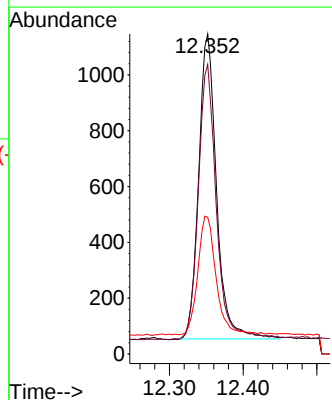
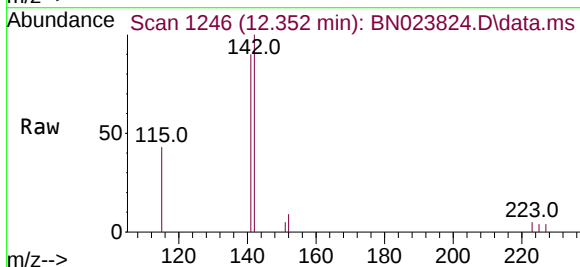
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

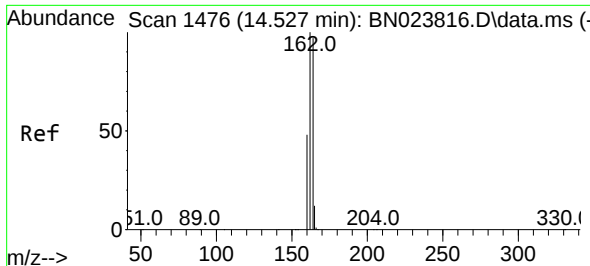
Tgt Ion:152 Resp: 6736
Ion Ratio Lower Upper
152 100
151 19.4 16.8 25.2



#12
2-Methylnaphthalene
Concen: 0.097 ng
RT: 12.352 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

Tgt Ion:142 Resp: 1844
Ion Ratio Lower Upper
142 100
141 90.5 71.0 106.6
115 42.7 31.0 46.4

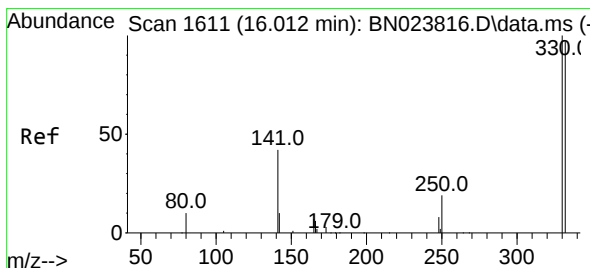
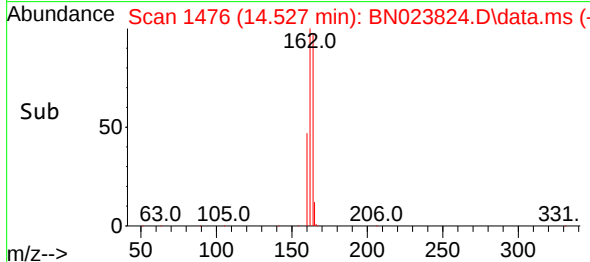
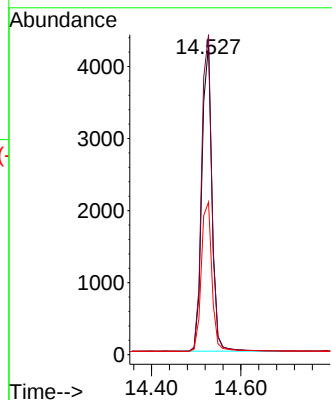
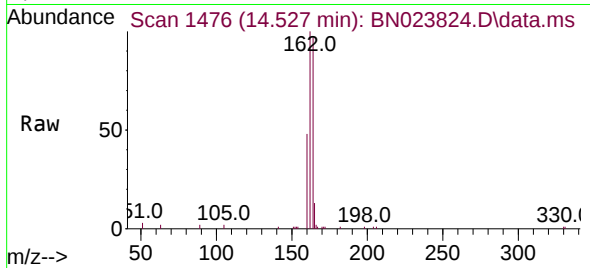




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.527 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

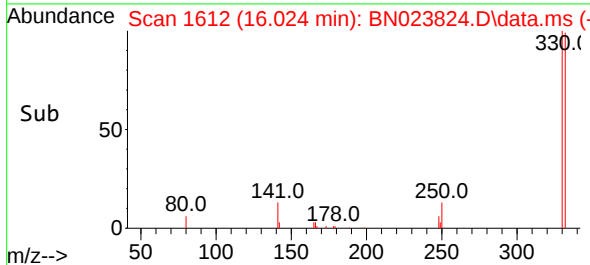
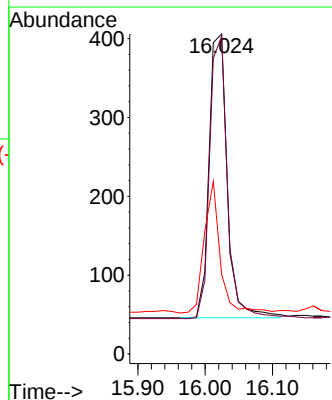
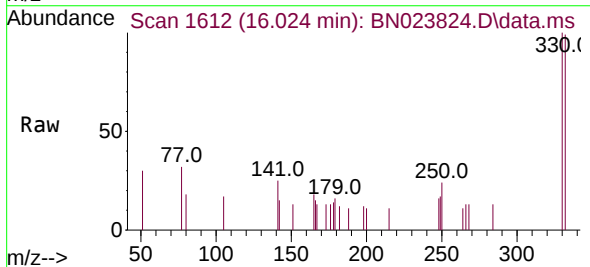
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

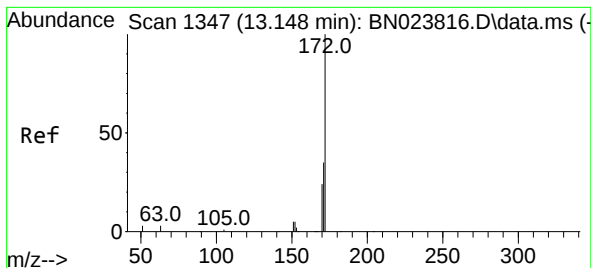
Tgt Ion:164 Resp: 6625
Ion Ratio Lower Upper
164 100
162 103.3 82.5 123.7
160 49.2 39.9 59.9



#14
2,4,6-Tribromophenol
Concen: 0.233 ng
RT: 16.024 min Scan# 1612
Delta R.T. 0.013 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

Tgt Ion:330 Resp: 675
Ion Ratio Lower Upper
330 100
332 96.7 78.8 118.2
141 40.4 33.2 49.8





#15

2-Fluorobiphenyl

Concen: 0.250 ng

RT: 13.148 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BN023824.D

Acq: 26 Jan 2023 19:13

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

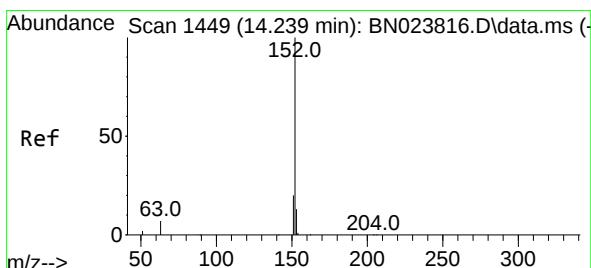
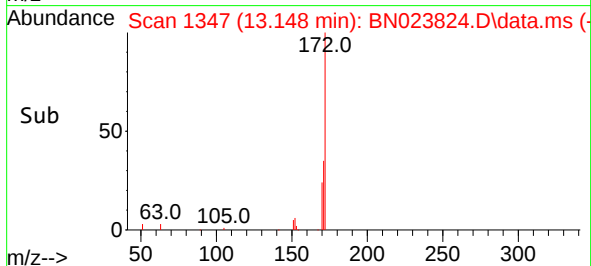
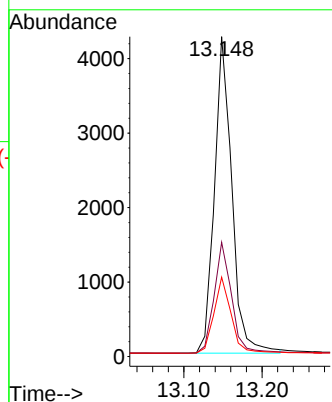
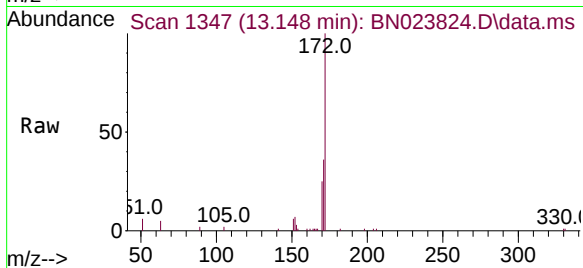
Tgt Ion:172 Resp: 6585

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.8 19.4 29.2



#16

Acenaphthylene

Concen: 0.087 ng

RT: 14.249 min Scan# 1450

Delta R.T. 0.011 min

Lab File: BN023824.D

Acq: 26 Jan 2023 19:13

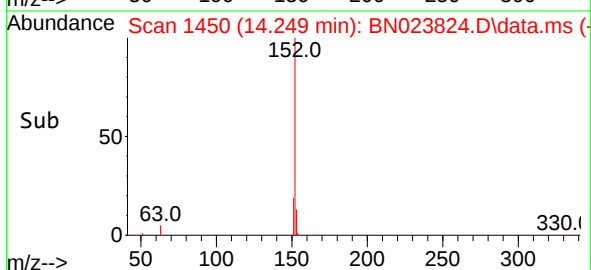
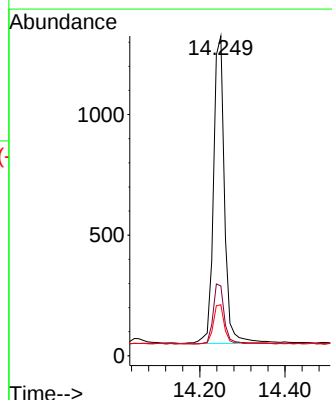
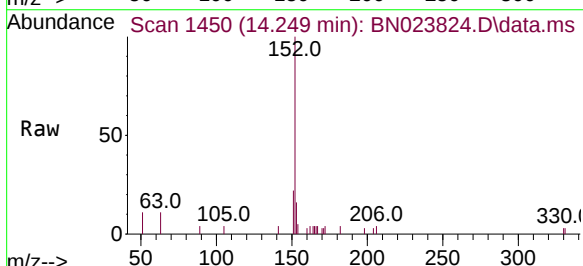
Tgt Ion:152 Resp: 2294

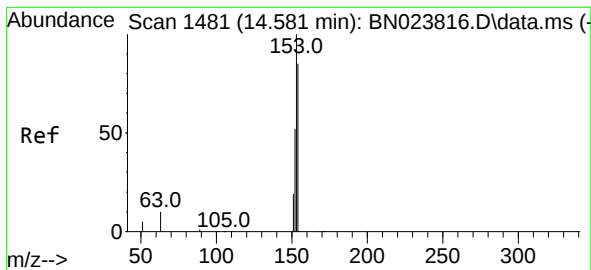
Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 13.0 10.2 15.4





#17

Acenaphthene

Concen: 0.096 ng

RT: 14.581 min Scan# 1481

Delta R.T. 0.000 min

Lab File: BN023824.D

Acq: 26 Jan 2023 19:13

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

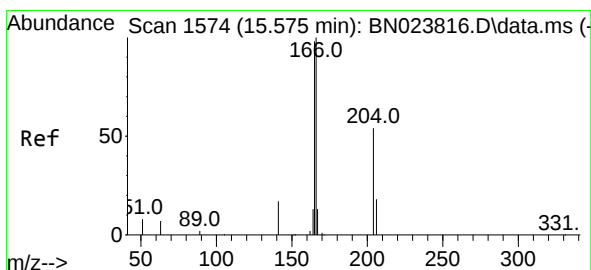
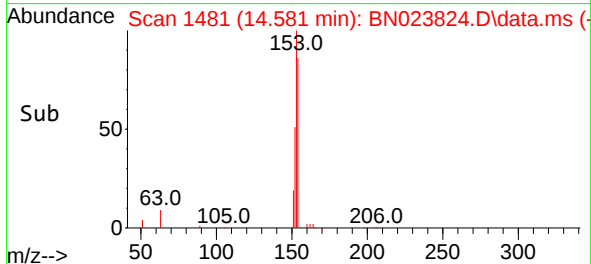
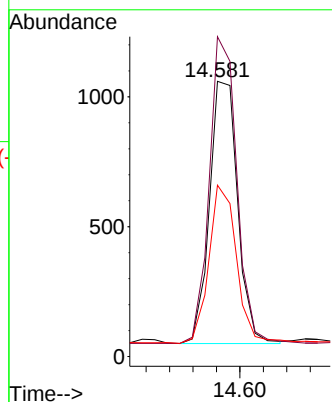
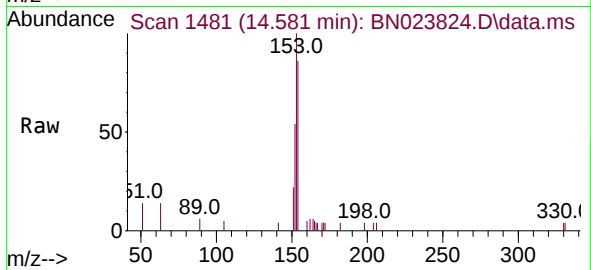
Tgt Ion:154 Resp: 1687

Ion Ratio Lower Upper

154 100

153 114.0 92.6 139.0

152 59.2 48.3 72.5



#18

Fluorene

Concen: 0.091 ng

RT: 15.575 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BN023824.D

Acq: 26 Jan 2023 19:13

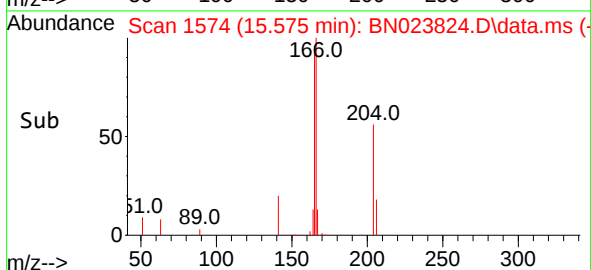
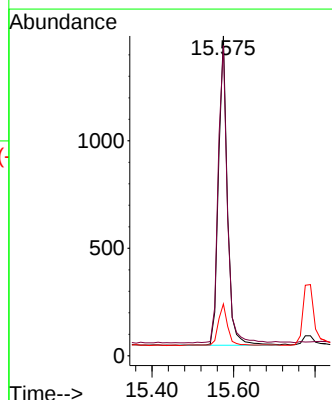
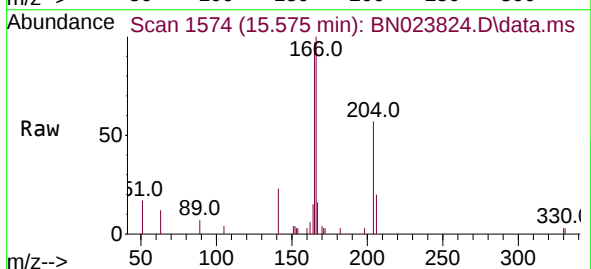
Tgt Ion:166 Resp: 2180

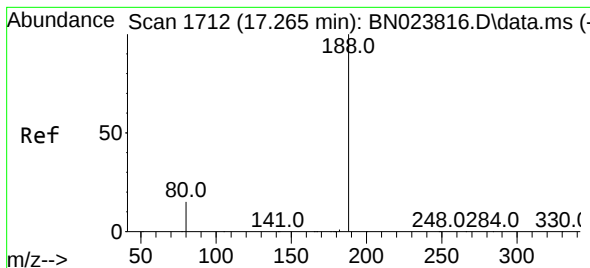
Ion Ratio Lower Upper

166 100

165 98.9 80.4 120.6

167 13.3 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.266 min Scan# 1712

Delta R.T. 0.000 min

Lab File: BN023824.D

Acq: 26 Jan 2023 19:13

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

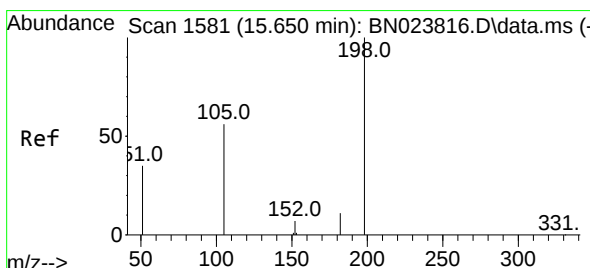
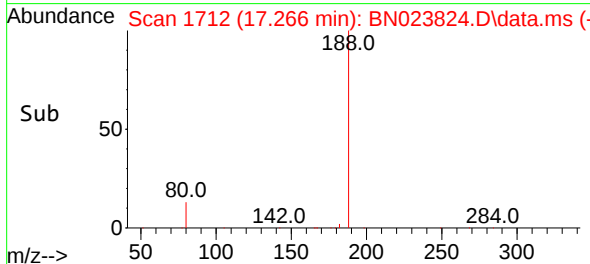
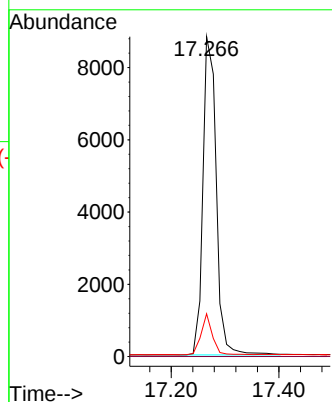
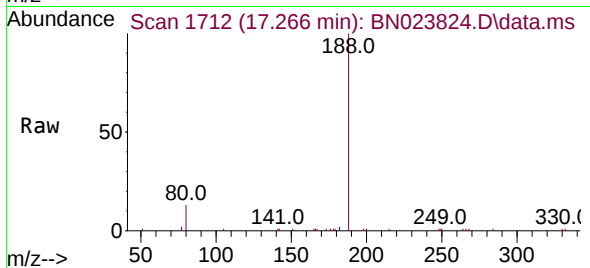
Tgt Ion:188 Resp: 15132

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.4 12.6 18.8



#20

4,6-Dinitro-2-methylphenol

Concen: 0.081 ng

RT: 15.661 min Scan# 1582

Delta R.T. 0.011 min

Lab File: BN023824.D

Acq: 26 Jan 2023 19:13

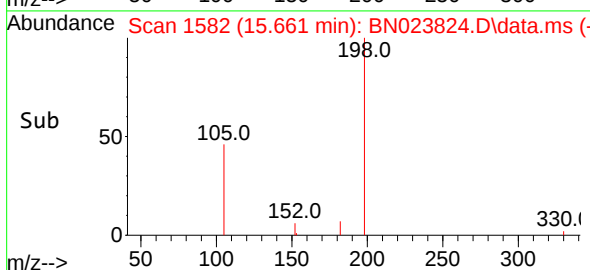
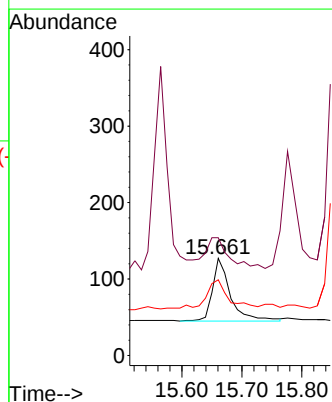
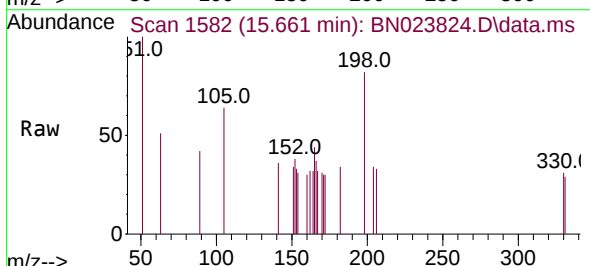
Tgt Ion:198 Resp: 177

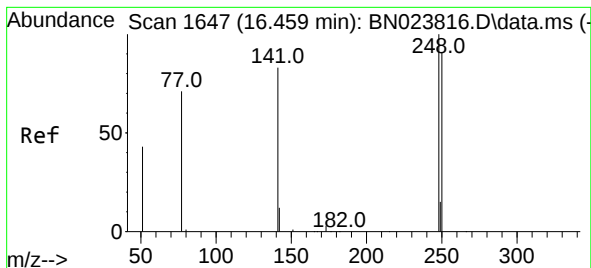
Ion Ratio Lower Upper

198 100

51 121.3 65.1 97.7

105 78.0 53.1 79.7

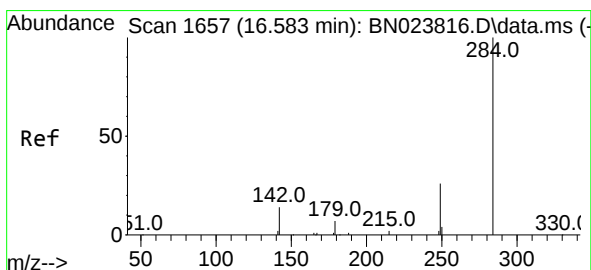
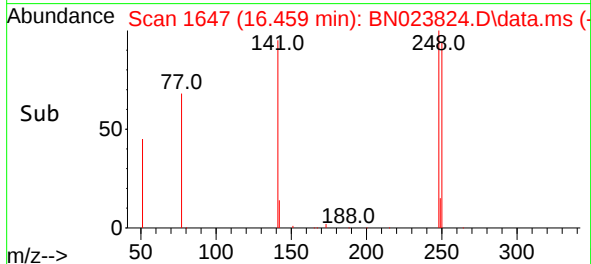
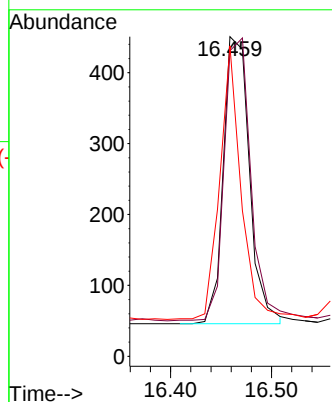
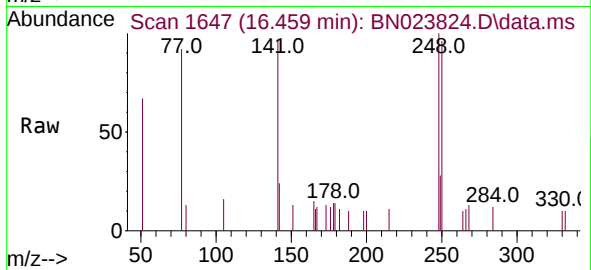




#21
4-Bromophenyl-phenylether
Concen: 0.087 ng
RT: 16.459 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

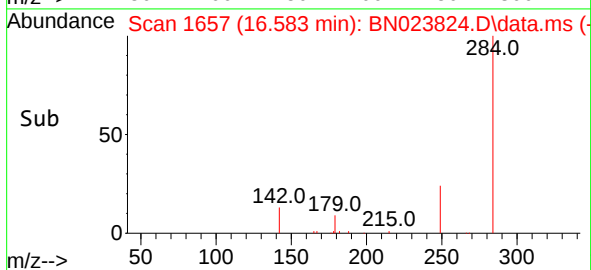
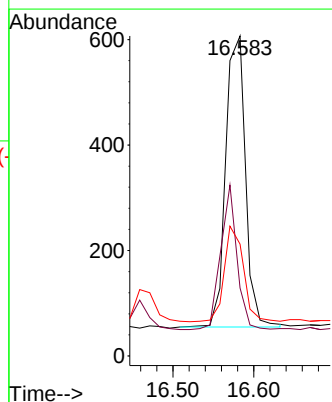
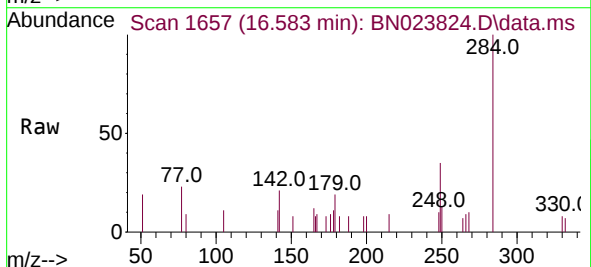
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

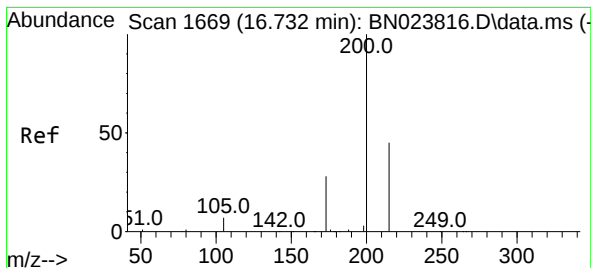
Tgt Ion:	248	Resp:	728
Ion	Ratio	Lower	Upper
248	100		
250	95.6	72.9	109.3
141	97.1	67.4	101.2



#22
Hexachlorobenzene
Concen: 0.093 ng
RT: 16.583 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

Tgt Ion:	284	Resp:	938
Ion	Ratio	Lower	Upper
284	100		
142	40.9	31.4	47.2
249	31.8	24.3	36.5





#23

Atrazine

Concen: 0.092 ng

RT: 16.732 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BN023824.D

Acq: 26 Jan 2023 19:13

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

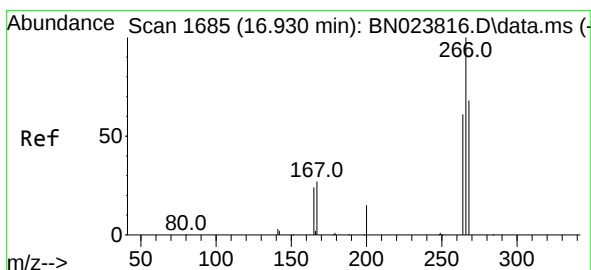
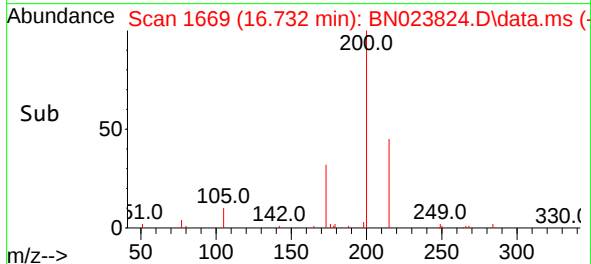
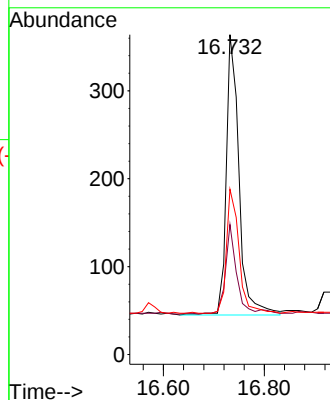
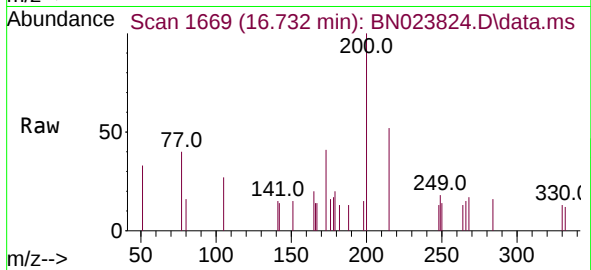
Tgt Ion:200 Resp: 561

Ion Ratio Lower Upper

200 100

173 40.7 24.1 36.1#

215 51.6 36.8 55.2



#24

Pentachlorophenol

Concen: 0.075 ng

RT: 16.930 min Scan# 1685

Delta R.T. 0.000 min

Lab File: BN023824.D

Acq: 26 Jan 2023 19:13

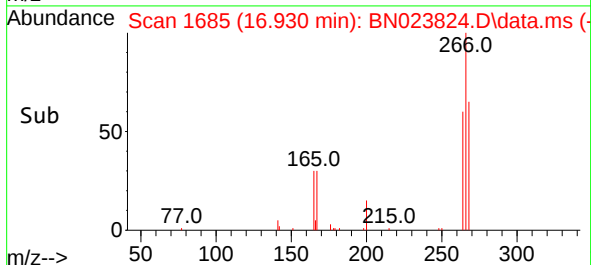
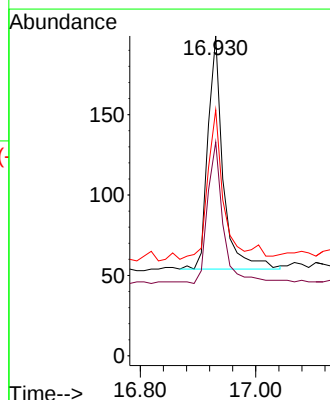
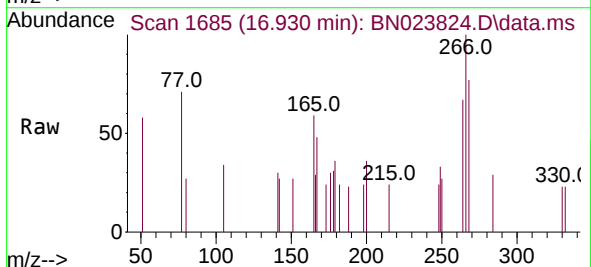
Tgt Ion:266 Resp: 266

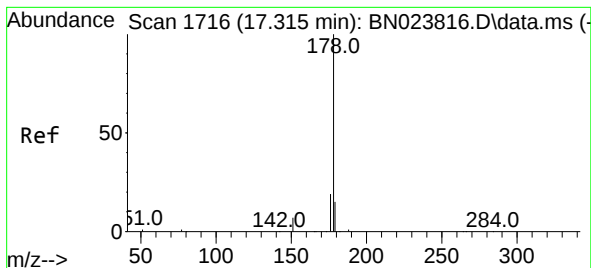
Ion Ratio Lower Upper

266 100

264 59.8 49.0 73.4

268 68.8 50.1 75.1





#25

Phenanthrene

Concen: 0.090 ng

RT: 17.315 min Scan# 1716

Delta R.T. 0.000 min

Lab File: BN023824.D

Acq: 26 Jan 2023 19:13

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

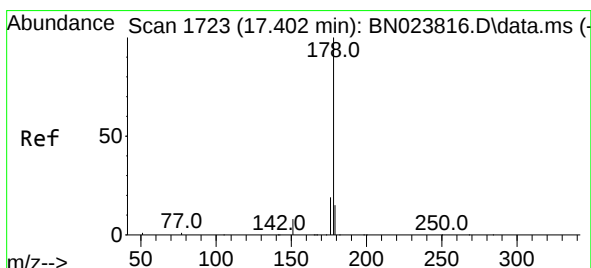
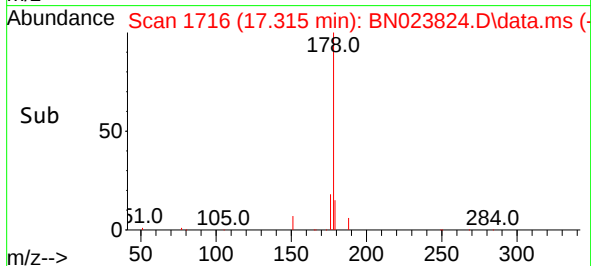
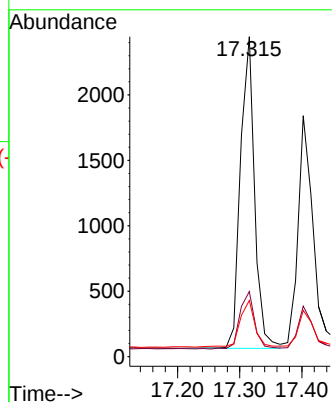
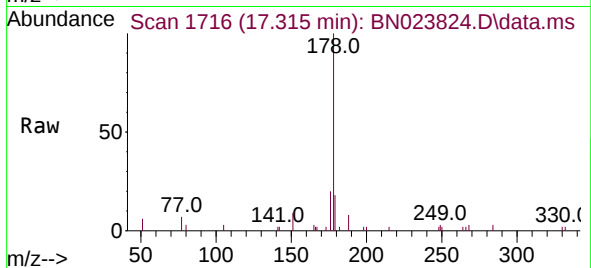
Tgt Ion:178 Resp: 3757

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 15.5 12.2 18.4



#26

Anthracene

Concen: 0.088 ng

RT: 17.402 min Scan# 1723

Delta R.T. 0.000 min

Lab File: BN023824.D

Acq: 26 Jan 2023 19:13

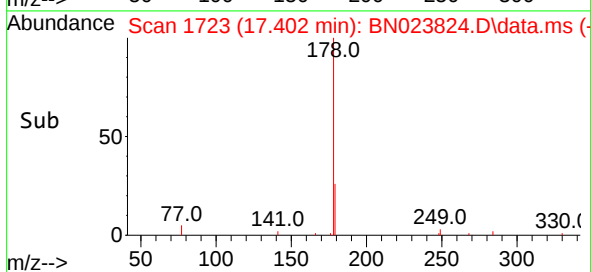
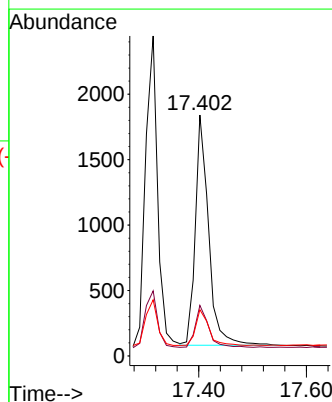
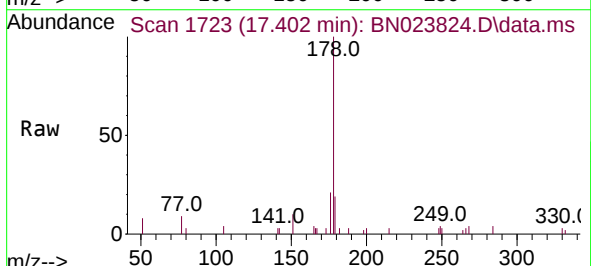
Tgt Ion:178 Resp: 3001

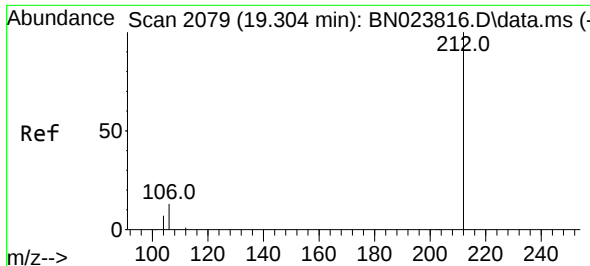
Ion Ratio Lower Upper

178 100

176 17.9 15.0 22.6

179 15.4 12.1 18.1

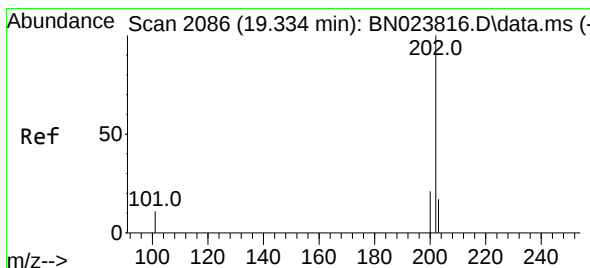
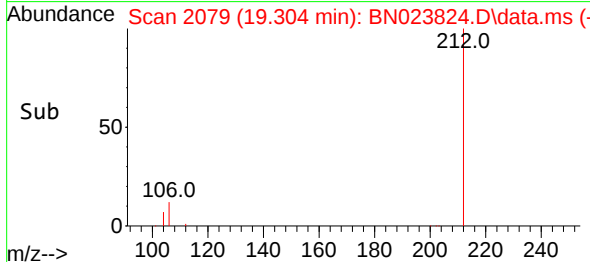
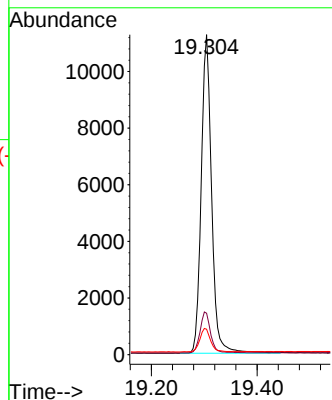
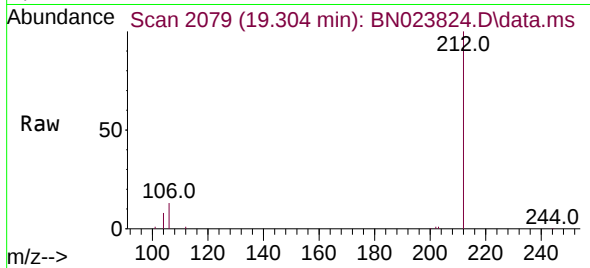




#27
Fluoranthene-d10
Concen: 0.432 ng
RT: 19.304 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

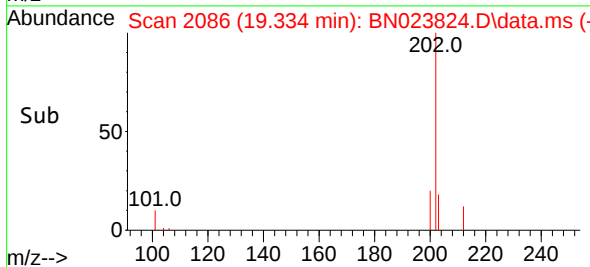
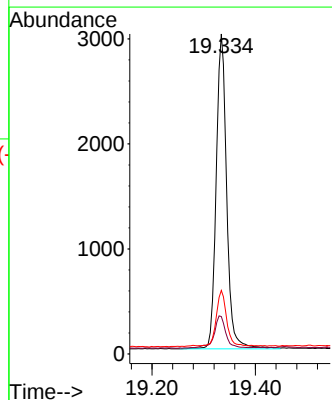
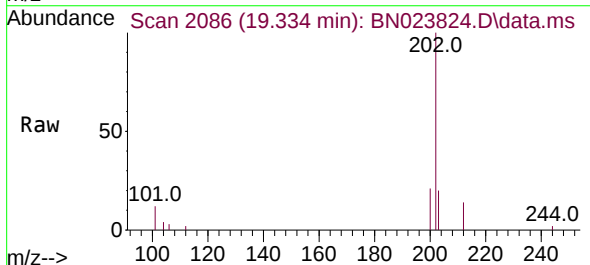
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

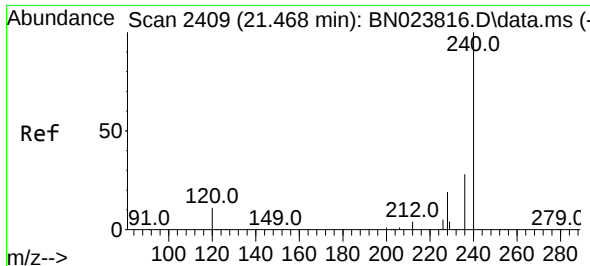
Tgt Ion:212 Resp: 15258
Ion Ratio Lower Upper
212 100
106 13.1 10.8 16.2
104 7.5 6.2 9.4



#28
Fluoranthene
Concen: 0.092 ng
RT: 19.334 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

Tgt Ion:202 Resp: 4230
Ion Ratio Lower Upper
202 100
101 11.5 9.1 13.7
203 16.6 13.7 20.5

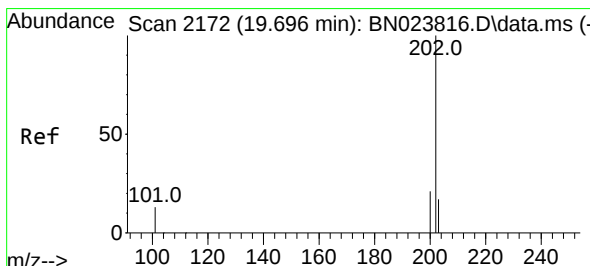
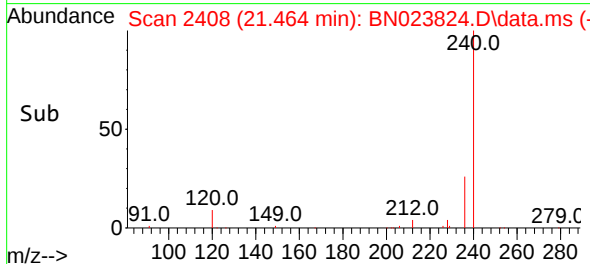
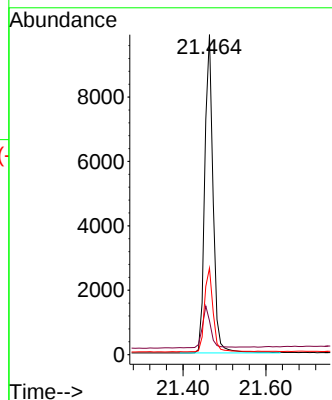
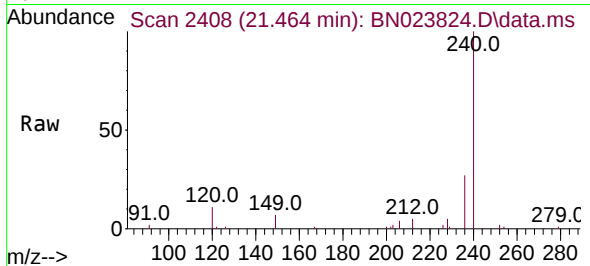




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.464 min Scan# 2409
Delta R.T. -0.004 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

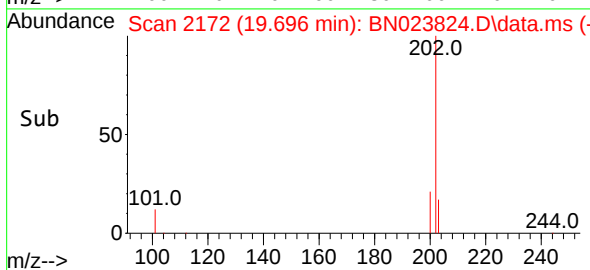
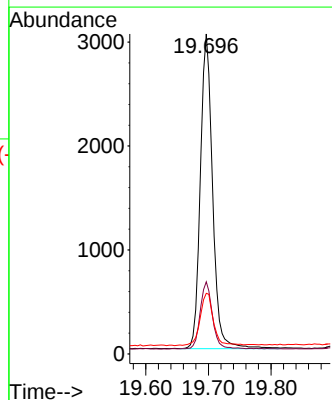
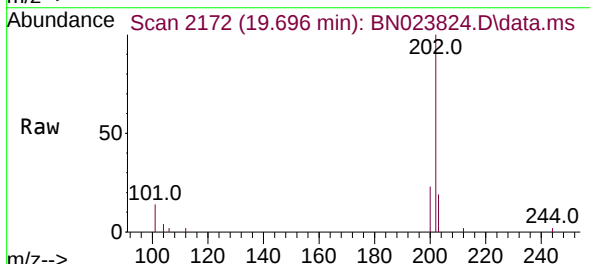
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

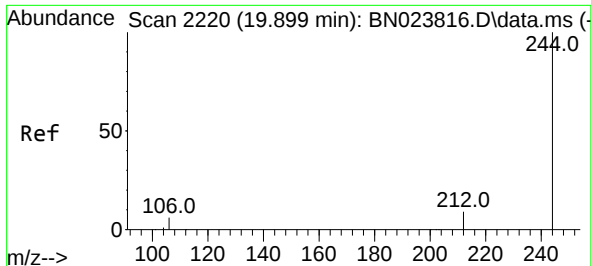
Tgt Ion:240 Resp: 13725
Ion Ratio Lower Upper
240 100
120 10.6 10.6 15.8
236 27.0 22.5 33.7



#30
Pyrene
Concen: 0.088 ng
RT: 19.696 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

Tgt Ion:202 Resp: 4104
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 18.1 14.1 21.1

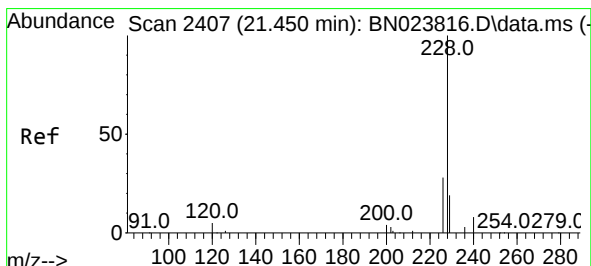
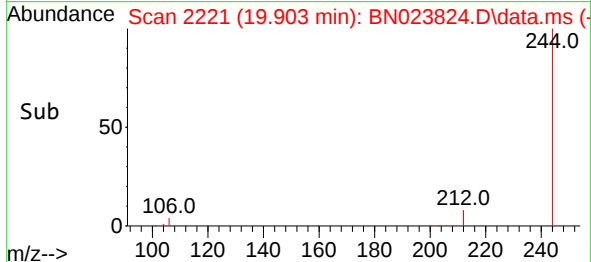
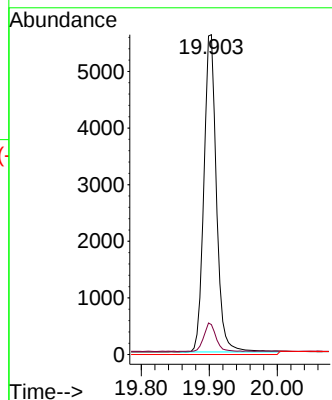
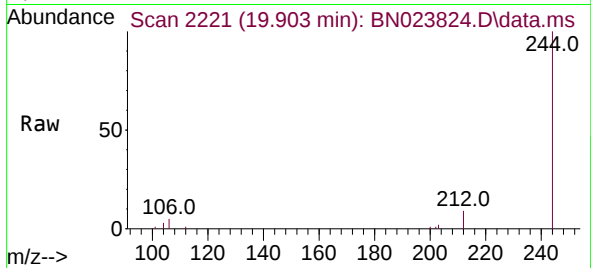




#31
Terphenyl-d14
Concen: 0.276 ng
RT: 19.903 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

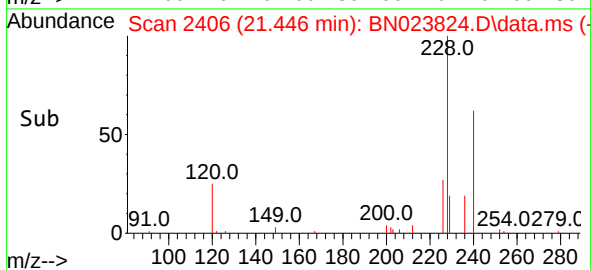
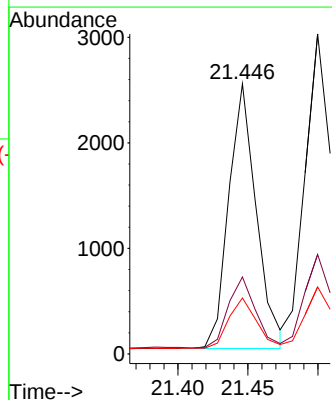
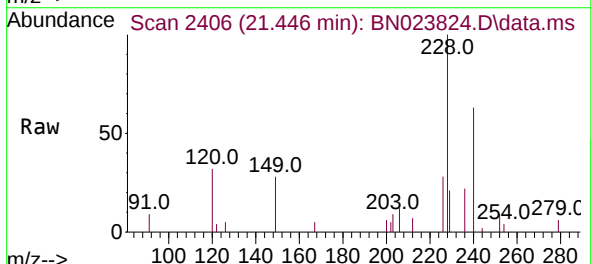
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

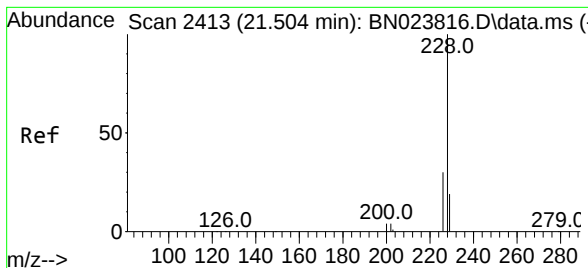
Tgt Ion:244 Resp: 7181
Ion Ratio Lower Upper
244 100
212 9.4 7.4 11.0
122 0.0 0.0 0.0



#32
Benzo(a)anthracene
Concen: 0.082 ng
RT: 21.446 min Scan# 2406
Delta R.T. -0.004 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

Tgt Ion:228 Resp: 3443
Ion Ratio Lower Upper
228 100
226 28.4 22.6 34.0
229 20.7 15.8 23.6





#33

Chrysene

Concen: 0.088 ng

RT: 21.500 min Scan# 2413

Delta R.T. -0.004 min

Lab File: BN023824.D

Acq: 26 Jan 2023 19:13

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

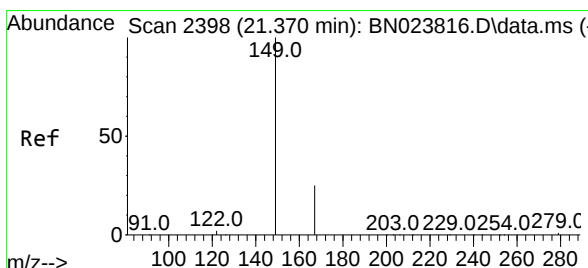
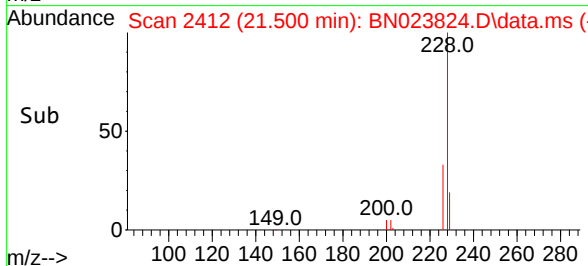
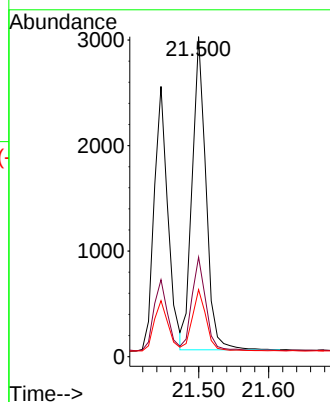
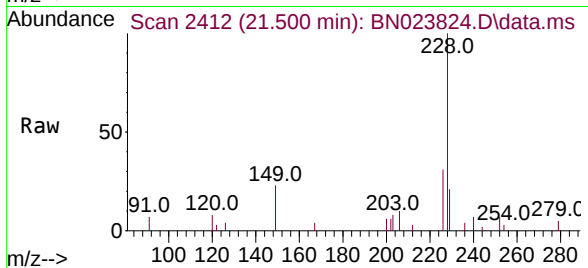
Tgt Ion:228 Resp: 4064

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.4

229 20.9 15.4 23.2



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.105 ng

RT: 21.366 min Scan# 2397

Delta R.T. -0.004 min

Lab File: BN023824.D

Acq: 26 Jan 2023 19:13

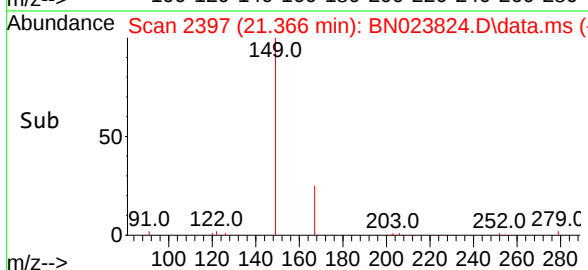
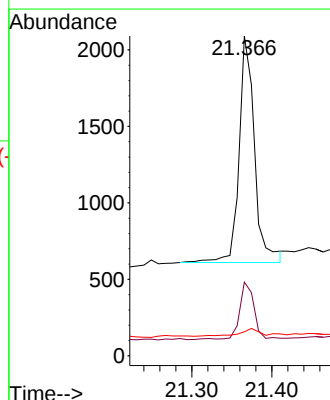
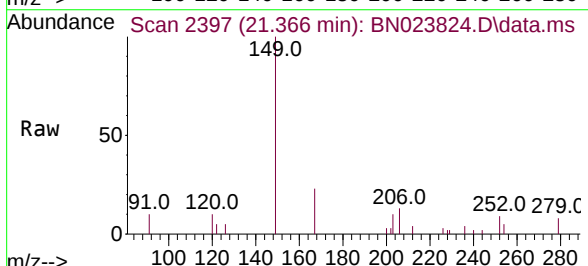
Tgt Ion:149 Resp: 1990

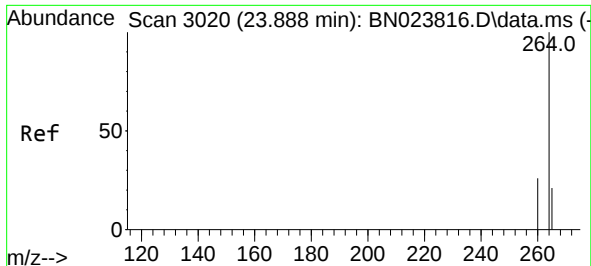
Ion Ratio Lower Upper

149 100

167 22.9 20.4 30.6

279 5.0 2.2 3.4#

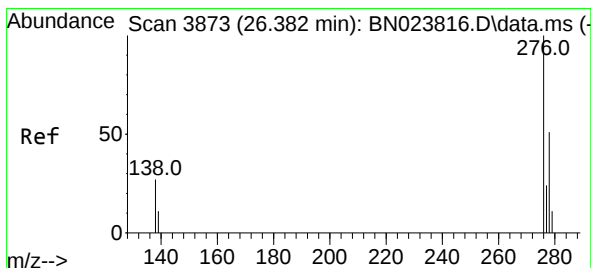
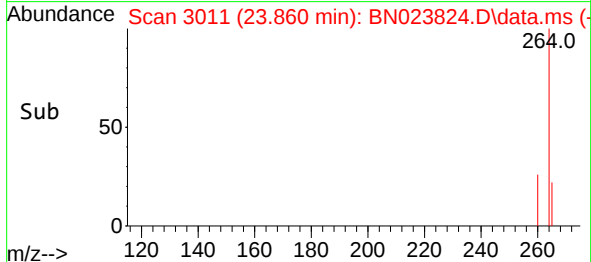
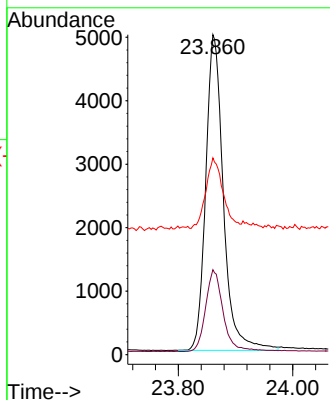
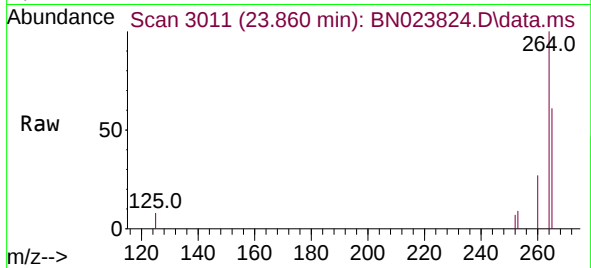




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.860 min Scan# 3020
Delta R.T. -0.027 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

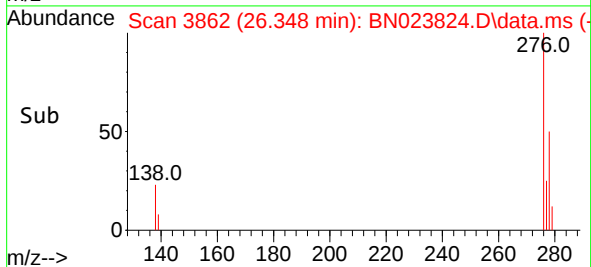
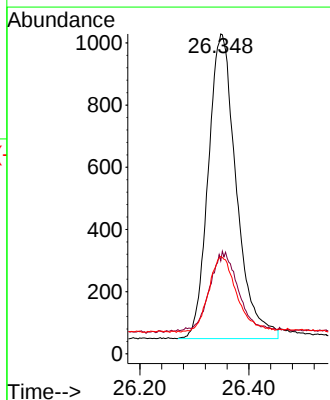
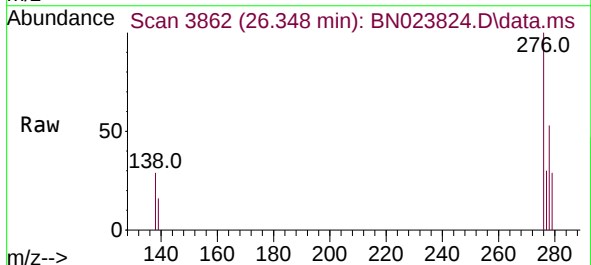
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2022

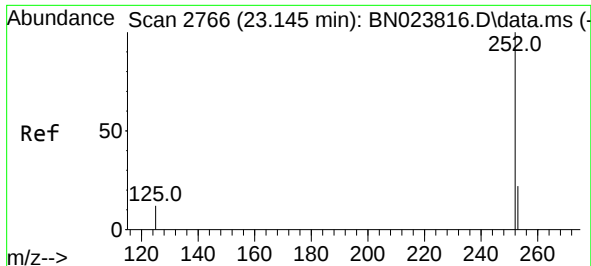
Tgt Ion:264	Resp:	10645
Ion Ratio	Lower	Upper
264	100	
260	26.5	21.5 32.3
265	61.5	44.5 66.7



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.079 ng
RT: 26.348 min Scan# 3862
Delta R.T. -0.033 min
Lab File: BN023824.D
Acq: 26 Jan 2023 19:13

Tgt Ion:276	Resp:	3501
Ion Ratio	Lower	Upper
276	100	
138	25.8	23.2 34.8
277	25.0	19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.094 ng

RT: 23.132 min Scan# 21

Delta R.T. -0.013 min

Lab File: BN023824.D

Acq: 26 Jan 2023 19:13

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2022

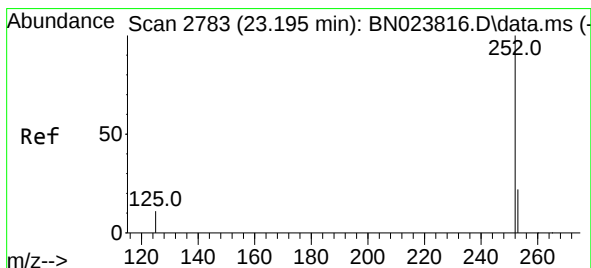
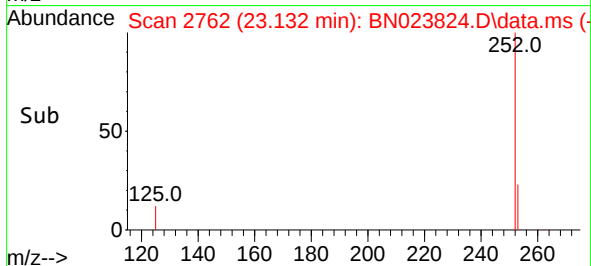
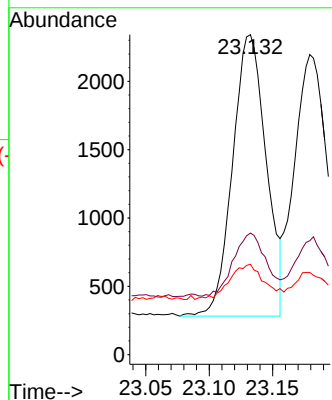
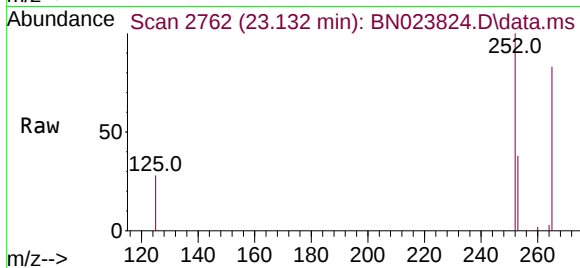
Tgt Ion:252 Resp: 3790

Ion Ratio Lower Upper

252 100

253 38.0 20.2 30.4#

125 28.2 12.7 19.1#



#38

Benzo(k)fluoranthene

Concen: 0.087 ng

RT: 23.179 min Scan# 2778

Delta R.T. -0.016 min

Lab File: BN023824.D

Acq: 26 Jan 2023 19:13

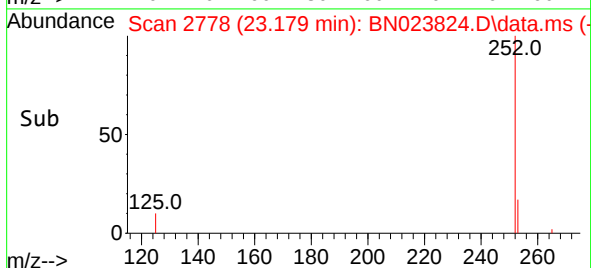
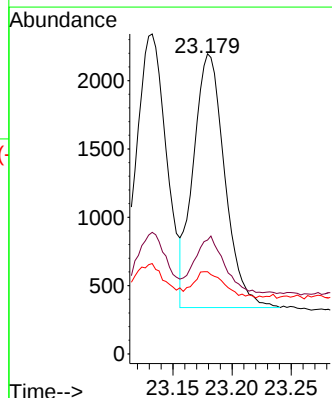
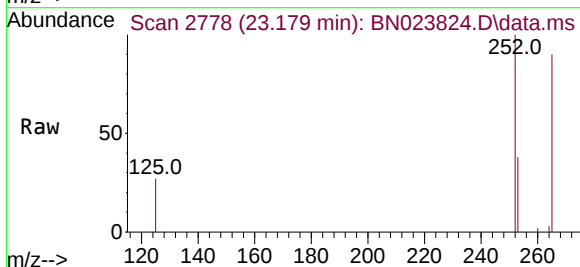
Tgt Ion:252 Resp: 3443

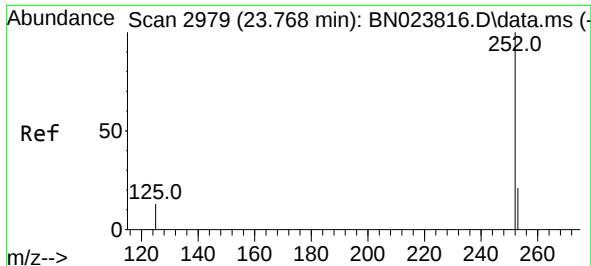
Ion Ratio Lower Upper

252 100

253 37.9 20.5 30.7#

125 27.4 12.6 18.8#





#39

Benzo(a)pyrene

Concen: 0.104 ng

RT: 23.755 min Scan# 2975

Delta R.T. -0.013 min

Lab File: BN023824.D

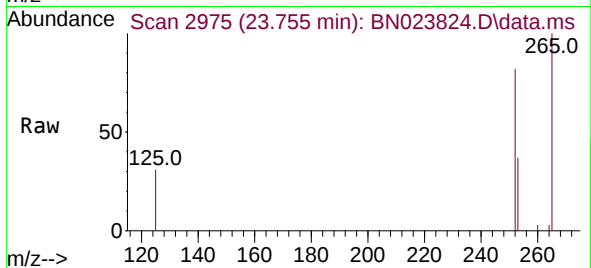
Acq: 26 Jan 2023 19:13

Instrument :

BNA_N

ClientSampleId :

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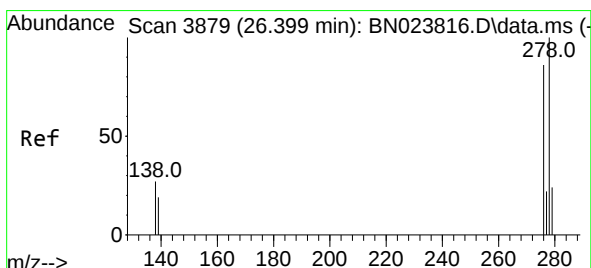
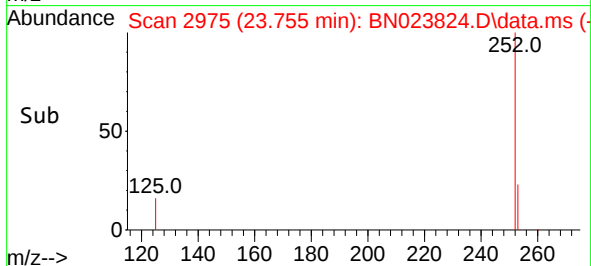
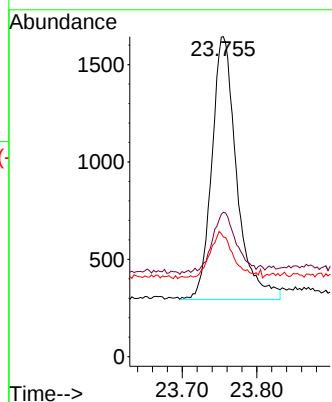
Tgt Ion:252 Resp: 3122

Ion Ratio Lower Upper

252 100

253 45.1 22.0 33.0#

125 37.4 16.2 24.4#



#40

Dibenzo(a,h)anthracene

Concen: 0.079 ng

RT: 26.369 min Scan# 3869

Delta R.T. -0.030 min

Lab File: BN023824.D

Acq: 26 Jan 2023 19:13

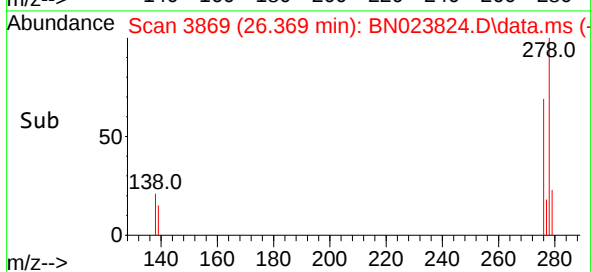
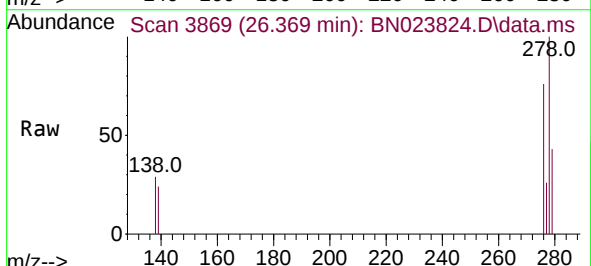
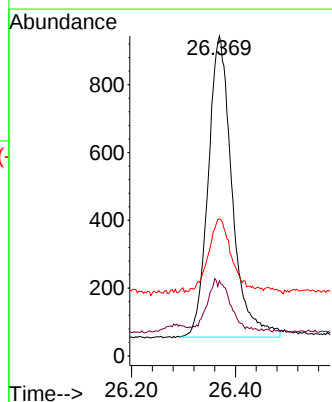
Tgt Ion:278 Resp: 2836

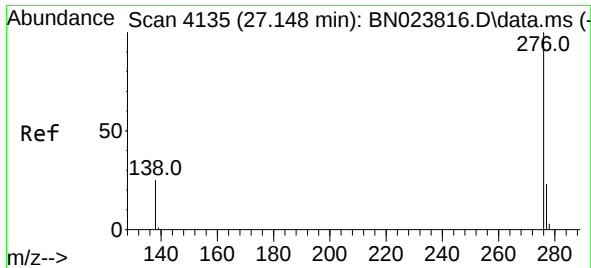
Ion Ratio Lower Upper

278 100

139 23.5 16.5 24.7

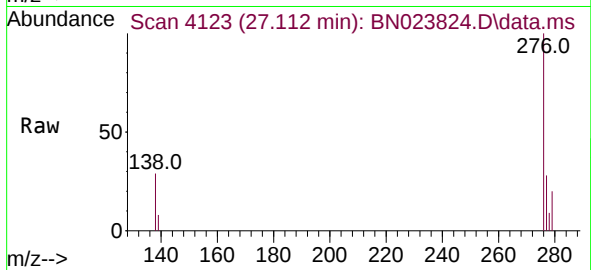
279 42.8 21.7 32.5#





#41
 Benzo(g,h,i)perylene
 Concen: 0.084 ng
 RT: 27.112 min Scan# 41
 Delta R.T. -0.036 min
 Lab File: BN023824.D
 Acq: 26 Jan 2023 19:13

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



Tgt Ion:	276	Resp:	3203
Ion	Ratio	Lower	Upper
276	100		
277	28.5	19.7	29.5
138	29.0	21.3	31.9

