

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
 Data File : BN023676.D
 Acq On : 17 Jan 2023 11:14
 Operator : CG/JU
 Sample : N3214-03
 Misc : MDL-MDL-SOIL 0.1ng
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

Quant Time: Jan 18 05:23:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 05:20:50 2023
 Response via : Initial Calibration

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

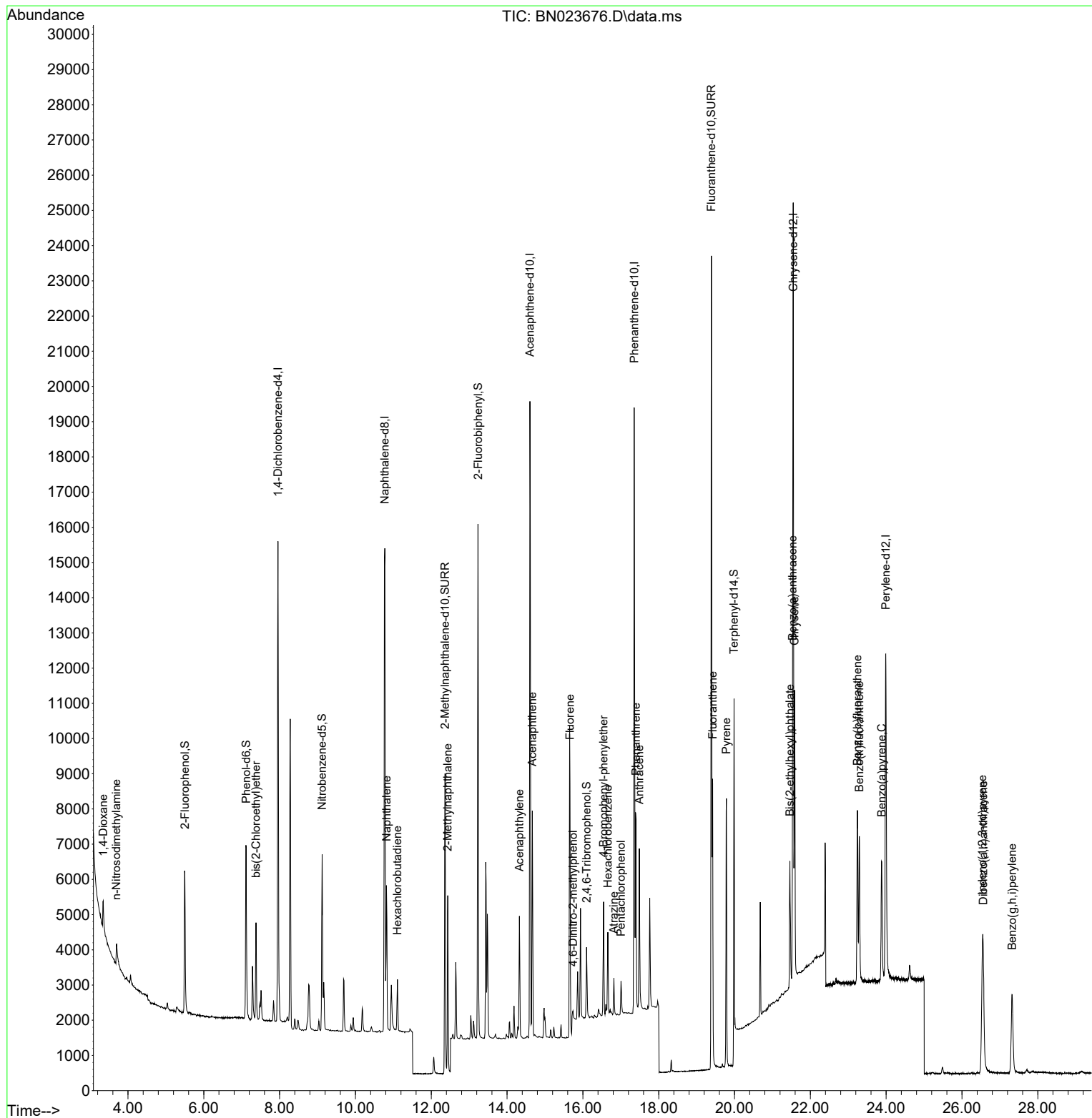
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	6627	0.400	ng	0.00
7) Naphthalene-d8	10.776	136	19077	0.400	ng	0.01
13) Acenaphthene-d10	14.602	164	10220	0.400	ng	0.00
19) Phenanthrene-d10	17.352	188	22573	0.400	ng	0.00
29) Chrysene-d12	21.549	240	18086	0.400	ng	0.00
35) Perylene-d12	23.990	264	14000	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.500	112	3798	0.289	ng	0.00
5) Phenol-d6	7.118	99	4813	0.284	ng	0.01
8) Nitrobenzene-d5	9.121	82	3934	0.274	ng	0.01
11) 2-Methylnaphthalene-d10	12.363	152	11642	0.442	ng	0.00
14) 2,4,6-Tribromophenol	16.099	330	1129	0.255	ng	0.00
15) 2-Fluorobiphenyl	13.233	172	12138	0.294	ng	0.01
27) Fluoranthene-d10	19.388	212	24892	0.450	ng	0.00
31) Terphenyl-d14	19.987	244	14941	0.326	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.348	88	819	0.138	ng	# 79
3) n-Nitrosodimethylamine	3.694	42	493	0.074	ng	81
6) bis(2-Chloroethyl)ether	7.378	93	2006	0.112	ng	100
9) Naphthalene	10.818	128	5199	0.103	ng	98
10) Hexachlorobutadiene	11.107	225	1064	0.104	ng	# 98
12) 2-Methylnaphthalene	12.435	142	3987	0.110	ng	98
16) Acenaphthylene	14.324	152	3874	0.094	ng	99
17) Acenaphthene	14.666	154	2959	0.098	ng	98
18) Fluorene	15.660	166	4055	0.100	ng	100
20) 4,6-Dinitro-2-methylph...	15.739	198	179	0.073	ng	# 1
21) 4-Bromophenyl-phenylether	16.545	248	1239	0.096	ng	95
22) Hexachlorobenzene	16.657	284	1653	0.103	ng	100
23) Atrazine	16.818	200	798	0.090	ng	# 95
24) Pentachlorophenol	17.005	266	524	0.094	ng	96
25) Phenanthrene	17.402	178	6533	0.099	ng	100
26) Anthracene	17.489	178	4952	0.093	ng	99
28) Fluoranthene	19.422	202	7180	0.096	ng	99
30) Pyrene	19.785	202	6888	0.099	ng	100
32) Benzo(a)anthracene	21.531	228	5641	0.096	ng	98
33) Chrysene	21.584	228	6690	0.104	ng	98
34) Bis(2-ethylhexyl)phtha...	21.459	149	2989	0.109	ng	98
36) Indeno(1,2,3-cd)pyrene	26.540	276	5957	0.095	ng	100
37) Benzo(b)fluoranthene	23.242	252	6396	0.107	ng	# 86
38) Benzo(k)fluoranthene	23.291	252	5649	0.097	ng	# 87
39) Benzo(a)pyrene	23.882	252	5060	0.112	ng	# 81
40) Dibenzo(a,h)anthracene	26.560	278	4554	0.091	ng	# 89
41) Benzo(g,h,i)perylene	27.323	276	5098	0.099	ng	95

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

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 MDL-SOIL-03-QT2-2022

Quant Time: Jan 18 05:23:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 05:20:50 2023
 Response via : Initial Calibration

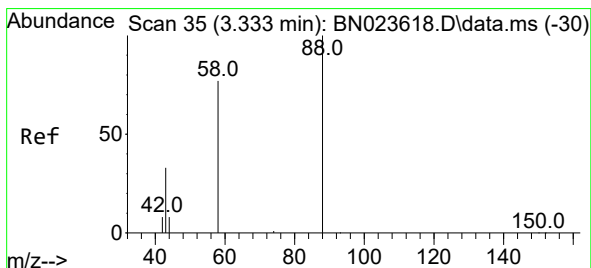
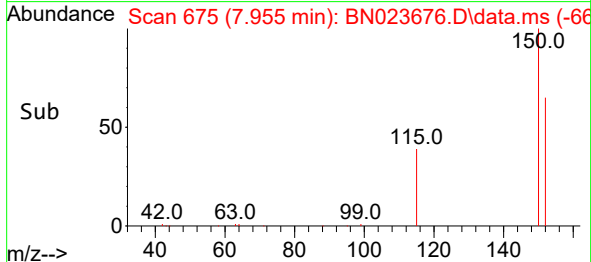
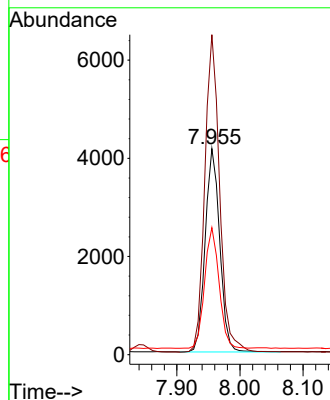
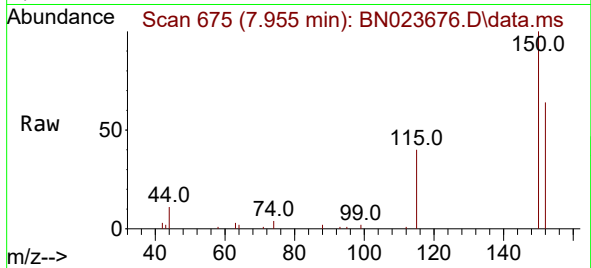




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.955 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

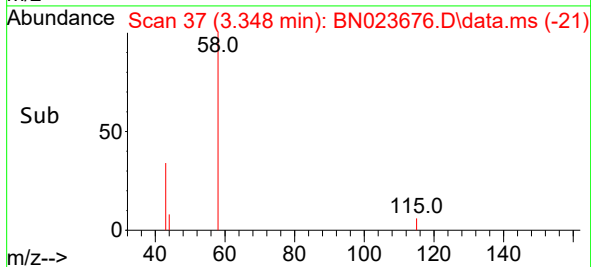
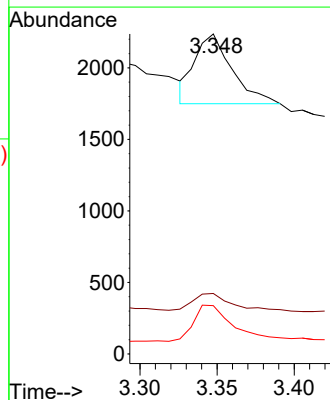
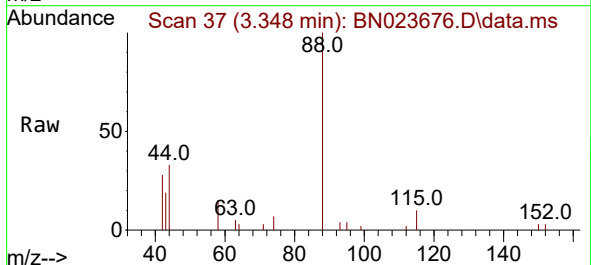
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2022

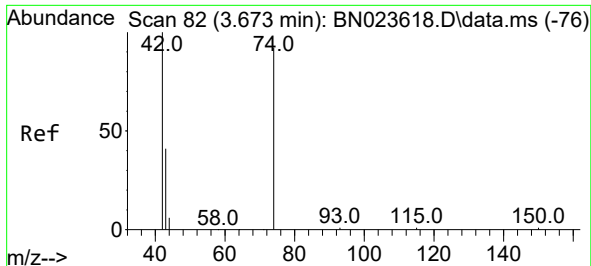
Tgt Ion:152 Resp: 6627
Ion Ratio Lower Upper
152 100
150 155.3 123.8 185.8
115 61.6 50.6 75.8



#2
1,4-Dioxane
Concen: 0.138 ng
RT: 3.348 min Scan# 37
Delta R.T. 0.014 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

Tgt Ion: 88 Resp: 819
Ion Ratio Lower Upper
88 100
43 23.0 26.2 39.2#
58 55.9 60.6 90.8#

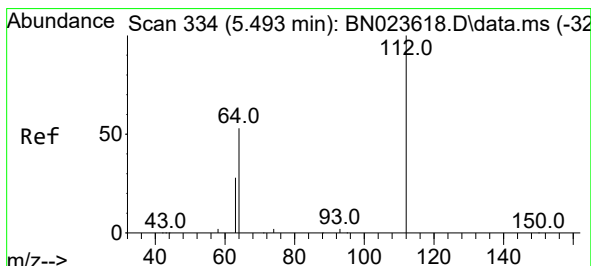
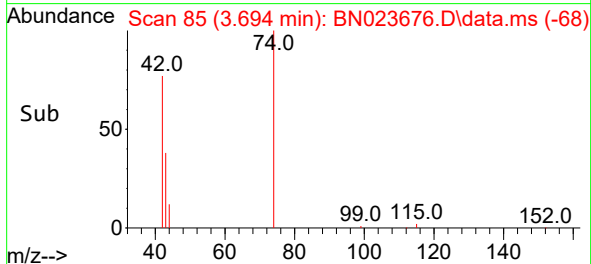
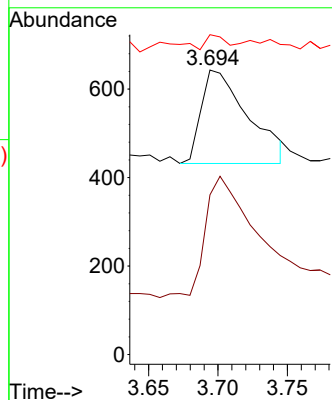
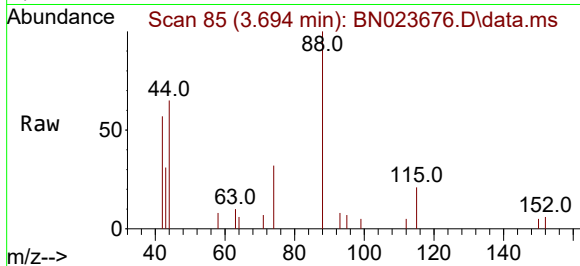




#3
n-Nitrosodimethylamine
Concen: 0.074 ng
RT: 3.694 min Scan# 81
Delta R.T. 0.021 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

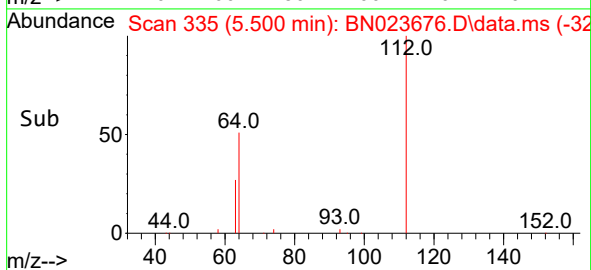
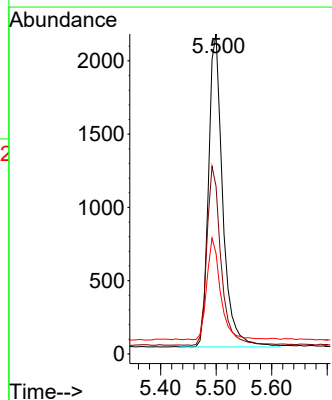
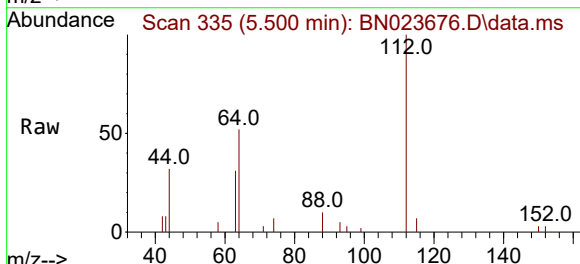
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2022

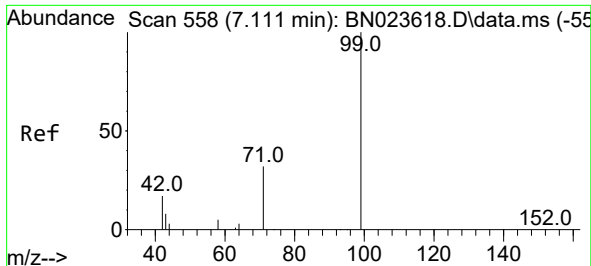
Tgt Ion: 42 Resp: 493
Ion Ratio Lower Upper
42 100
74 136.5 92.1 138.1
44 7.7 5.4 8.0



#4
2-Fluorophenol
Concen: 0.289 ng
RT: 5.500 min Scan# 335
Delta R.T. 0.007 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

Tgt Ion: 112 Resp: 3798
Ion Ratio Lower Upper
112 100
64 56.9 44.9 67.3
63 31.2 24.9 37.3

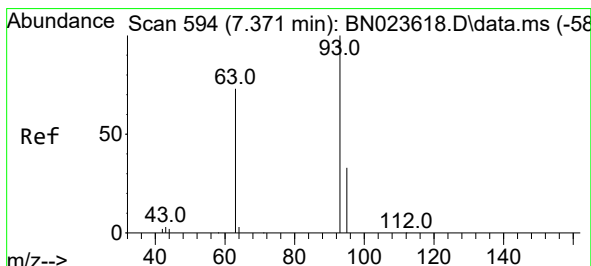
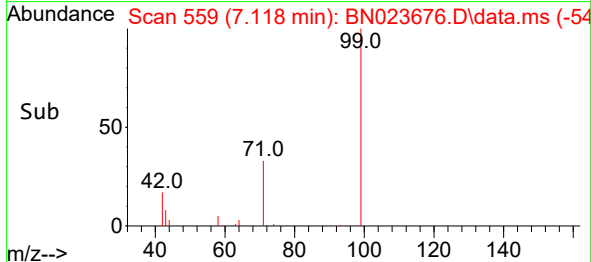
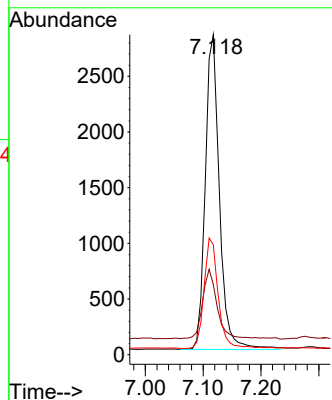
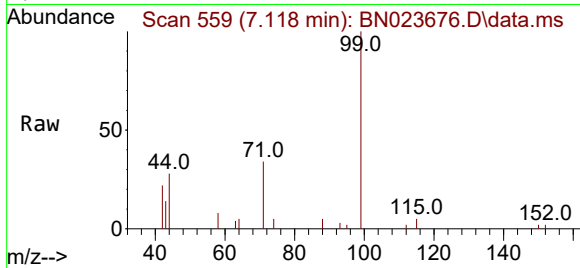




#5
Phenol-d6
Concen: 0.284 ng
RT: 7.118 min Scan# 511
Delta R.T. 0.014 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

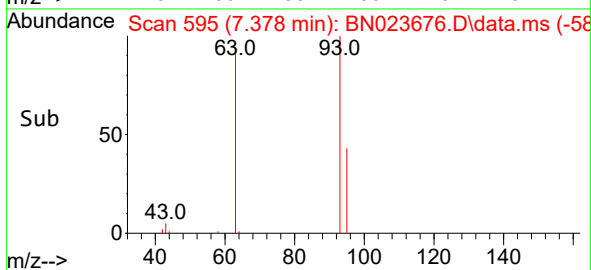
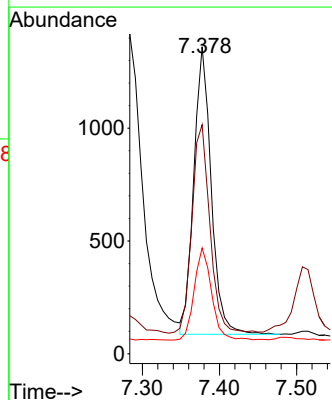
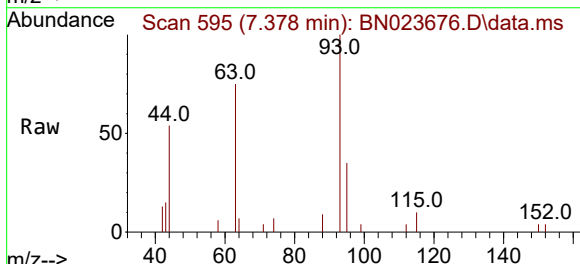
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2022

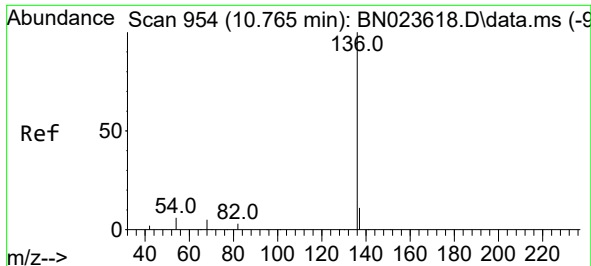
Tgt Ion:	99	Resp:	4813
Ion	Ratio	Lower	Upper
99	100		
42	22.5	18.8	28.2
71	35.1	28.2	42.4



#6
bis(2-Chloroethyl)ether
Concen: 0.112 ng
RT: 7.378 min Scan# 595
Delta R.T. 0.007 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

Tgt Ion:	93	Resp:	2006
Ion	Ratio	Lower	Upper
93	100		
63	74.8	59.6	89.4
95	31.9	25.3	37.9

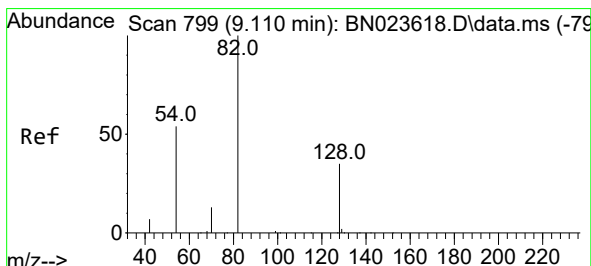
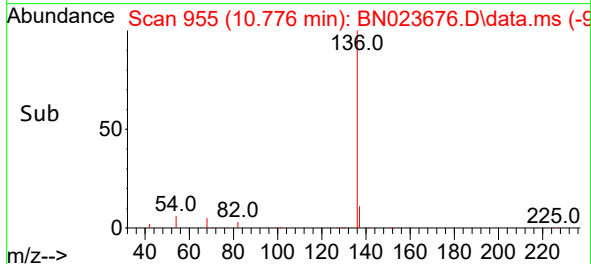
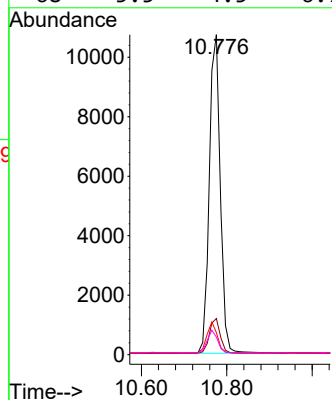
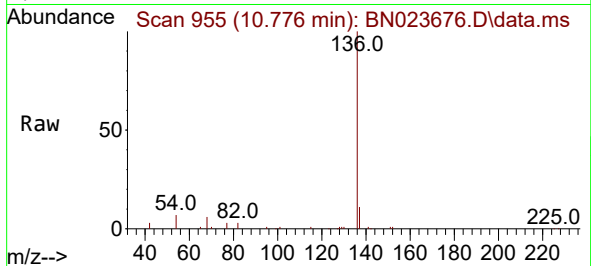




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.776 min Scan# 91
Delta R.T. 0.010 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

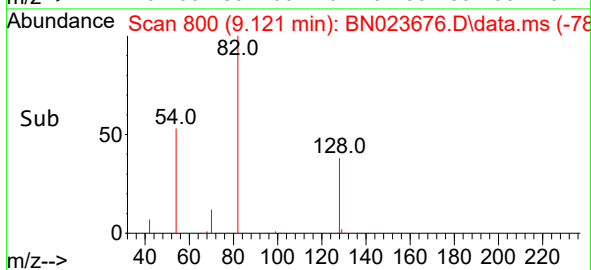
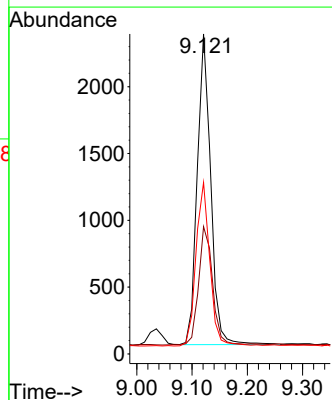
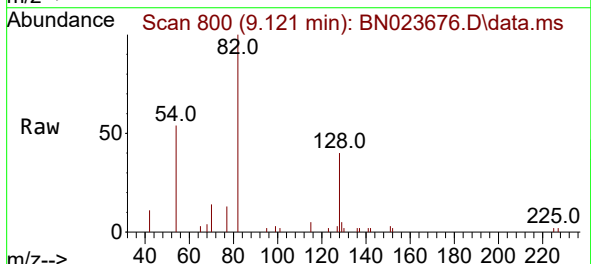
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2022

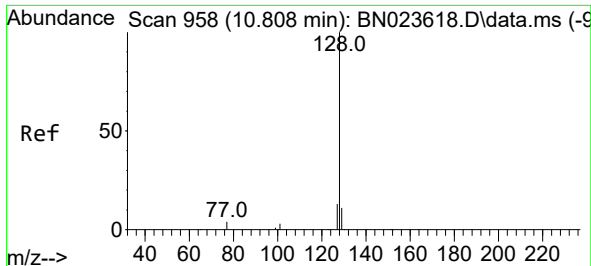
Tgt Ion:	136	Resp:	19077
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	6.9	5.7	8.5
68	5.5	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.274 ng
RT: 9.121 min Scan# 800
Delta R.T. 0.010 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

Tgt Ion:	82	Resp:	3934
Ion	Ratio	Lower	Upper
82	100		
128	39.8	29.8	44.8
54	53.6	43.9	65.9

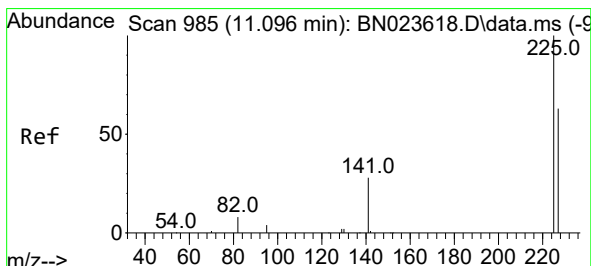
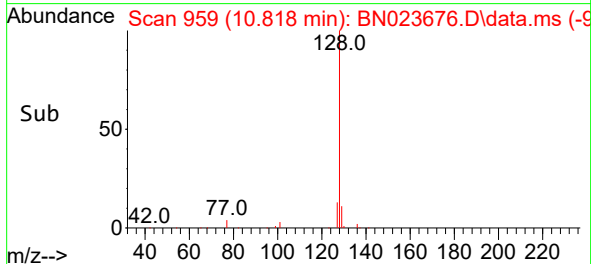
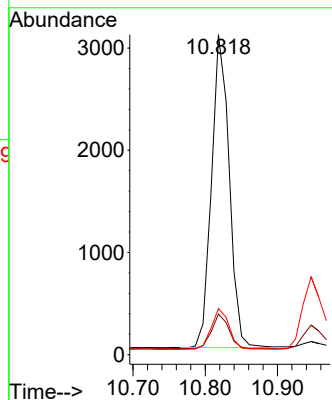
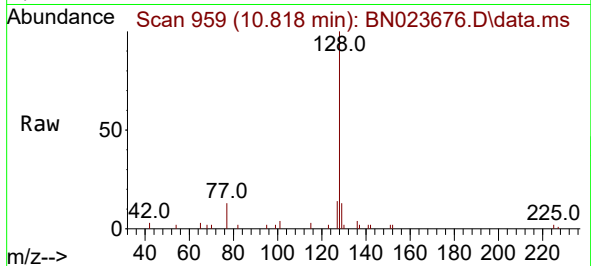




#9
Naphthalene
Concen: 0.103 ng
RT: 10.818 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

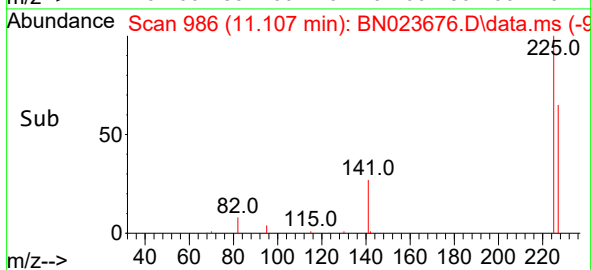
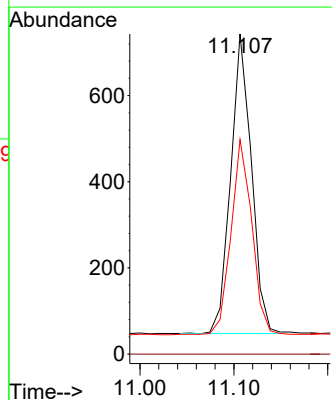
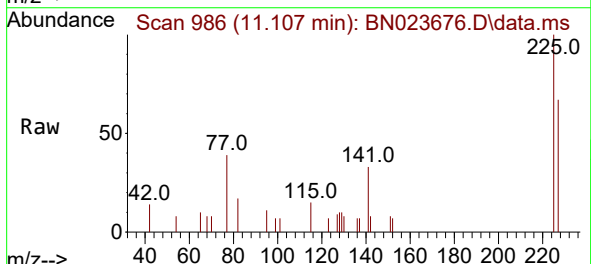
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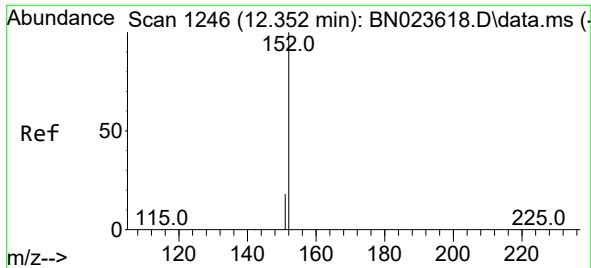
Tgt Ion:128 Resp: 5199
Ion Ratio Lower Upper
128 100
129 12.7 9.2 13.8
127 14.5 11.0 16.4



#10
Hexachlorobutadiene
Concen: 0.104 ng
RT: 11.107 min Scan# 986
Delta R.T. 0.010 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

Tgt Ion:225 Resp: 1064
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 65.9 51.8 77.6

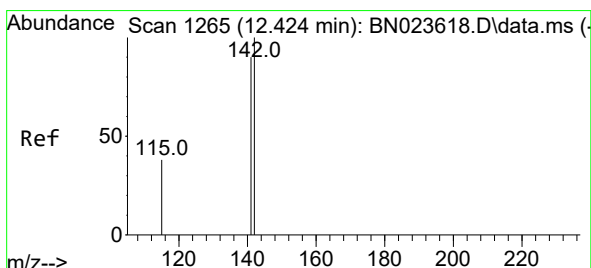
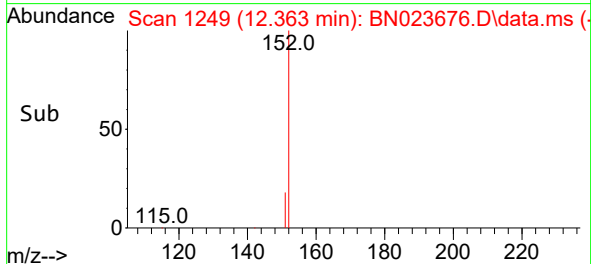
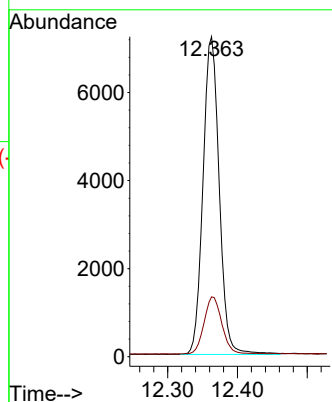
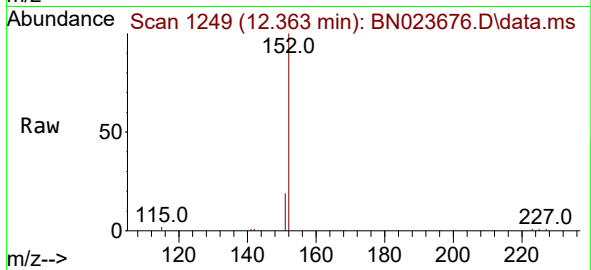




#11
2-Methylnaphthalene-d10
Concen: 0.442 ng
RT: 12.363 min Scan# 11
Delta R.T. 0.007 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

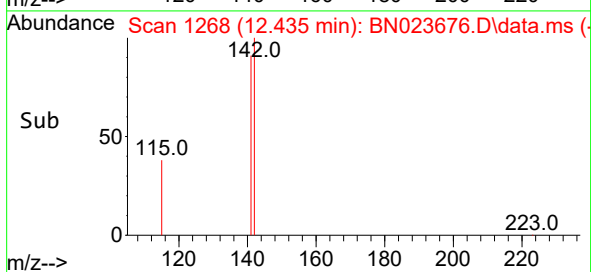
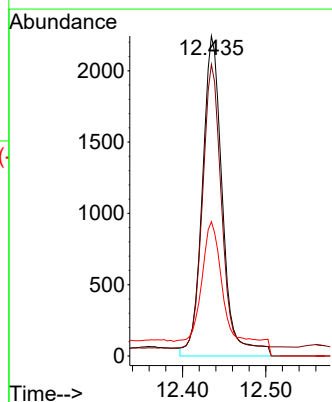
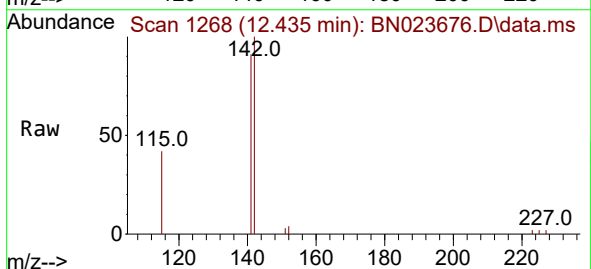
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2022

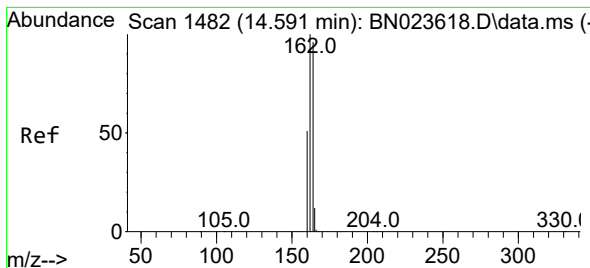
Tgt Ion:152 Resp: 11642
Ion Ratio Lower Upper
152 100
151 19.8 16.9 25.3



#12
2-Methylnaphthalene
Concen: 0.110 ng
RT: 12.435 min Scan# 1268
Delta R.T. 0.004 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

Tgt Ion:142 Resp: 3987
Ion Ratio Lower Upper
142 100
141 91.1 72.0 108.0
115 42.0 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.602 min Scan# 1483

Delta R.T. -0.000 min

Lab File: BN023676.D

Acq: 17 Jan 2023 11:14

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2022

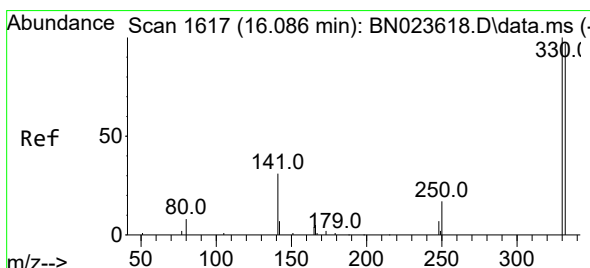
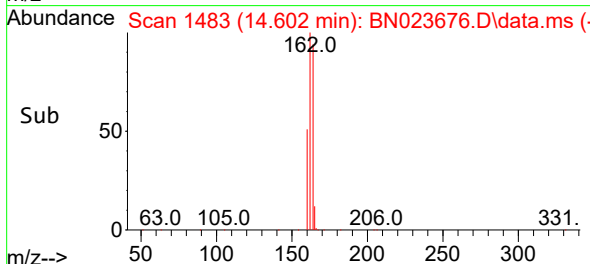
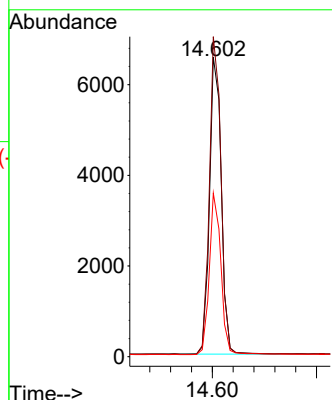
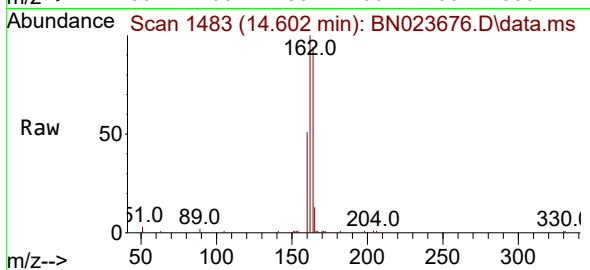
Tgt Ion:164 Resp: 10220

Ion Ratio Lower Upper

164 100

162 106.8 83.4 125.2

160 54.6 42.7 64.1



#14

2,4,6-Tribromophenol

Concen: 0.255 ng

RT: 16.099 min Scan# 1618

Delta R.T. -0.000 min

Lab File: BN023676.D

Acq: 17 Jan 2023 11:14

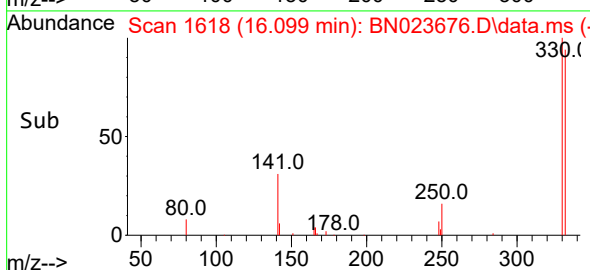
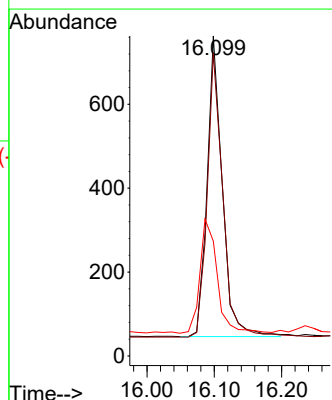
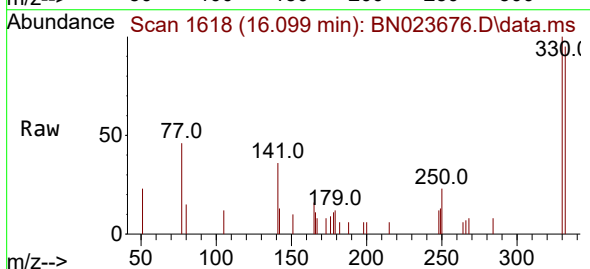
Tgt Ion:330 Resp: 1129

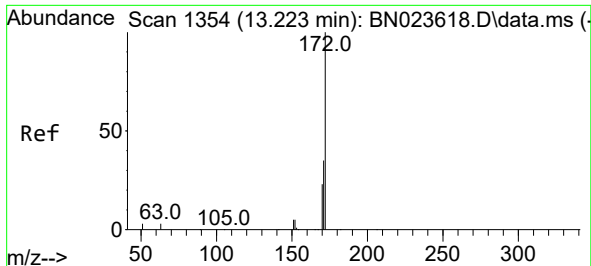
Ion Ratio Lower Upper

330 100

332 96.3 78.1 117.1

141 43.3 33.4 50.0

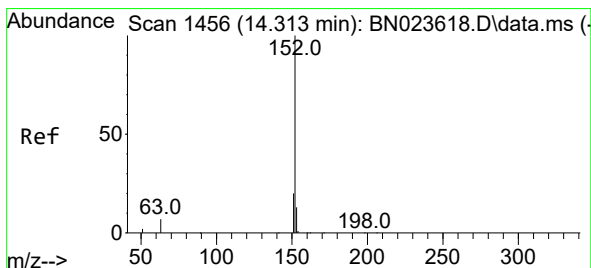
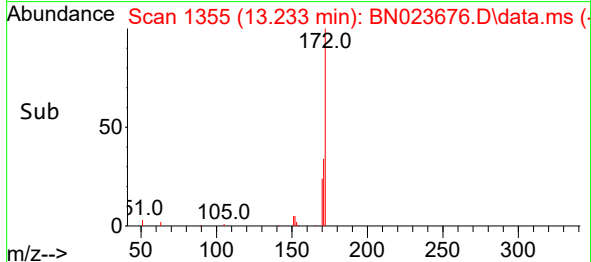
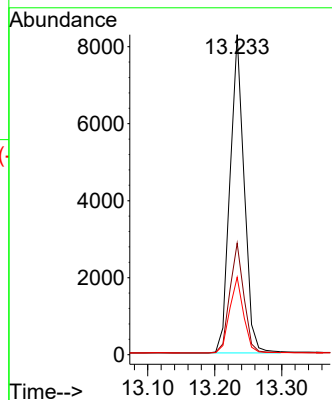
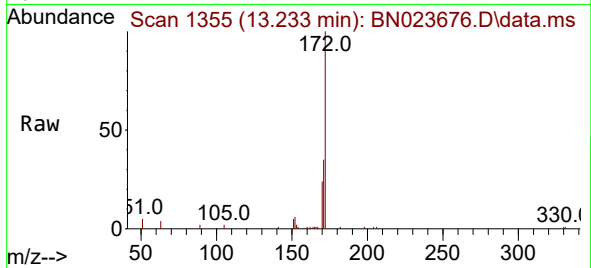




#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 13.233 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

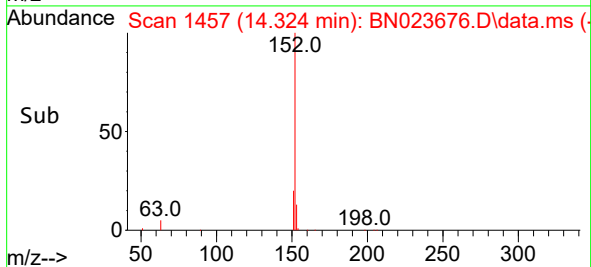
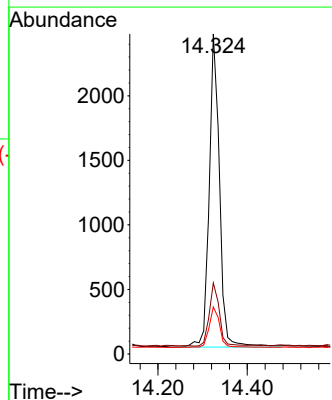
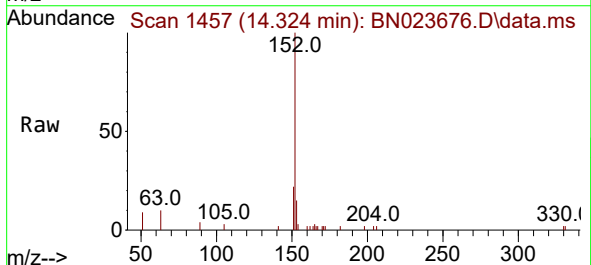
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2022

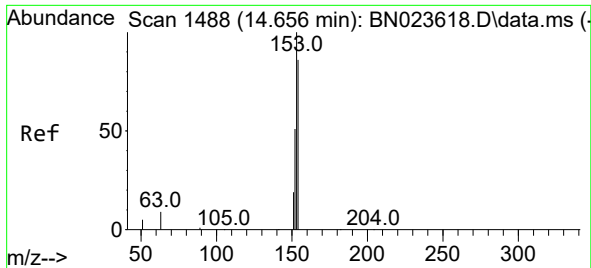
Tgt Ion:172 Resp: 12138
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 24.2 19.0 28.4



#16
Acenaphthylene
Concen: 0.094 ng
RT: 14.324 min Scan# 1457
Delta R.T. -0.000 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

Tgt Ion:152 Resp: 3874
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 13.3 10.5 15.7

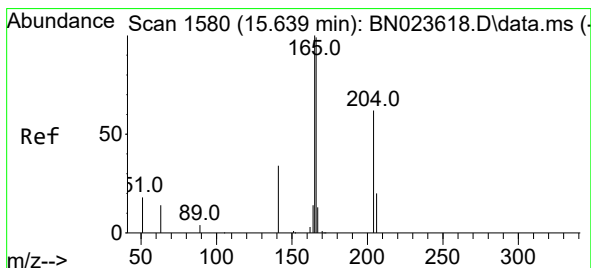
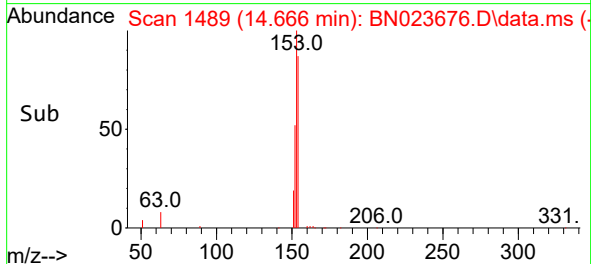
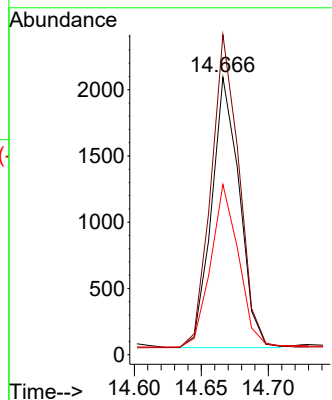
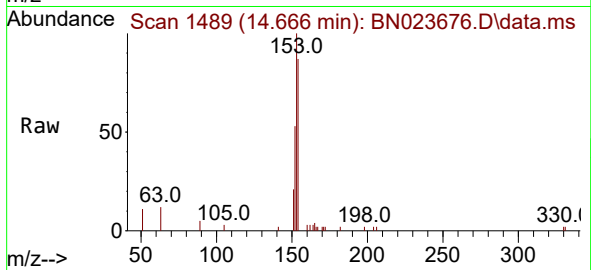




#17
Acenaphthene
Concen: 0.098 ng
RT: 14.666 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

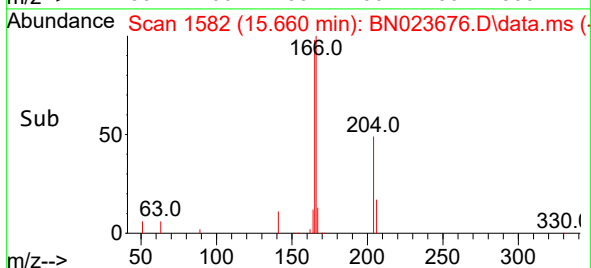
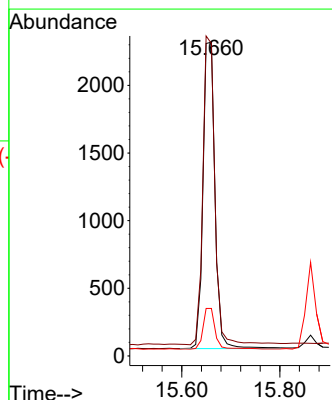
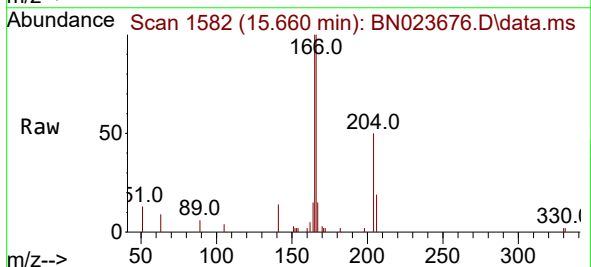
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2022

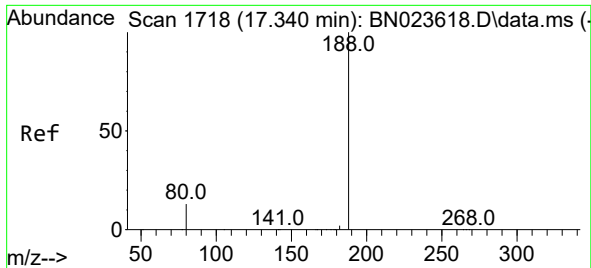
Tgt Ion:154 Resp: 2959
Ion Ratio Lower Upper
154 100
153 117.3 92.4 138.6
152 61.1 48.2 72.2



#18
Fluorene
Concen: 0.100 ng
RT: 15.660 min Scan# 1582
Delta R.T. 0.010 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

Tgt Ion:166 Resp: 4055
Ion Ratio Lower Upper
166 100
165 100.3 80.4 120.6
167 13.2 10.6 16.0

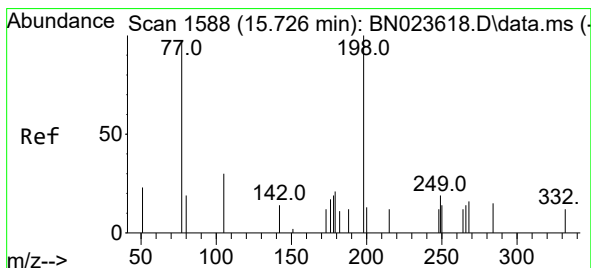
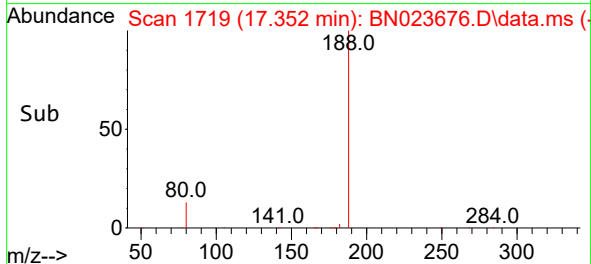
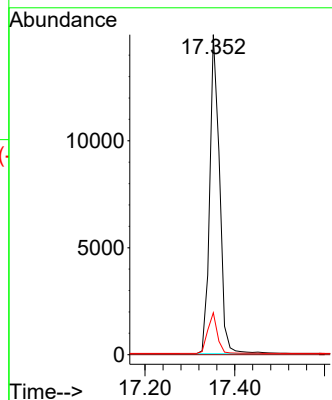
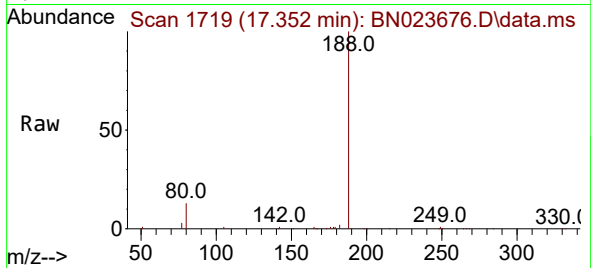




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.352 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

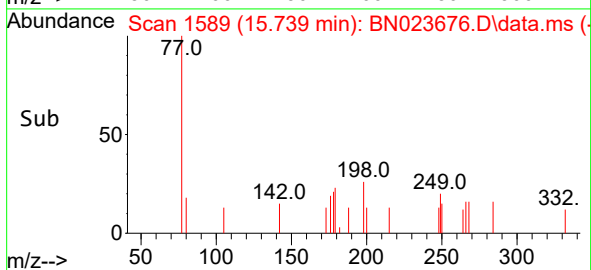
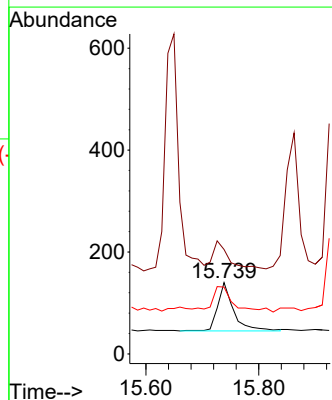
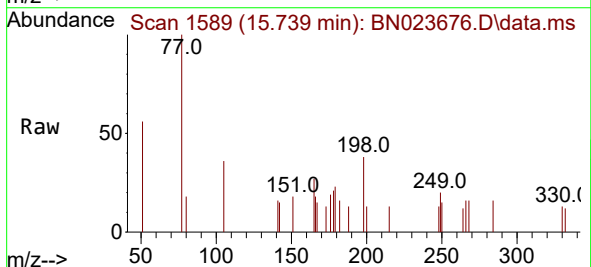
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2022

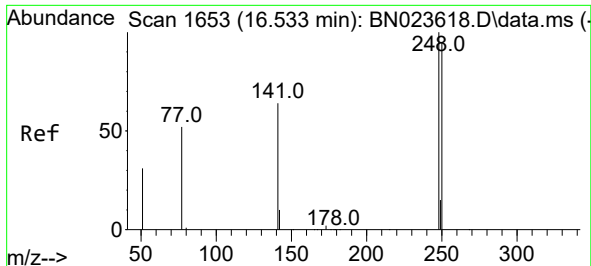
Tgt Ion:188 Resp: 22573
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 11.0 16.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.073 ng
RT: 15.739 min Scan# 1589
Delta R.T. 0.012 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

Tgt Ion:198 Resp: 179
Ion Ratio Lower Upper
198 100
51 146.4 44.9 67.3#
105 93.6 37.0 55.4#

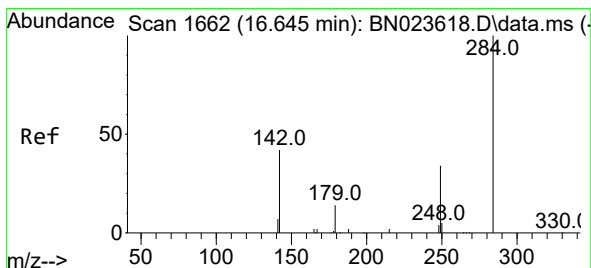
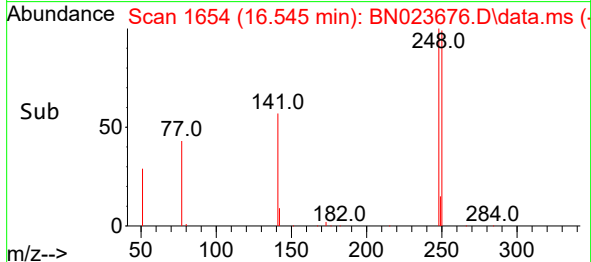
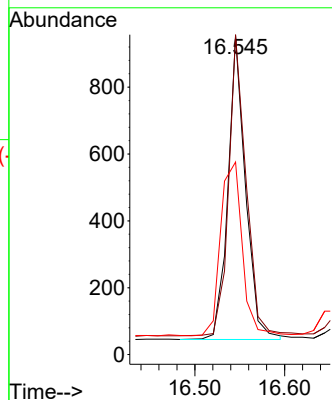
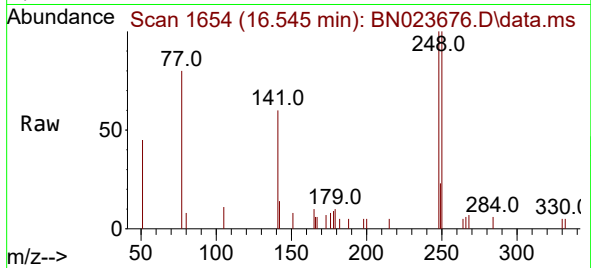




#21
4-Bromophenyl-phenylether
Concen: 0.096 ng
RT: 16.545 min Scan# 1654
Delta R.T. -0.000 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

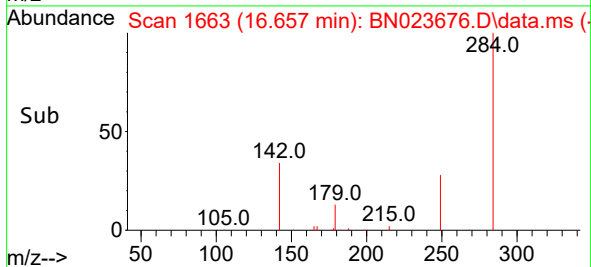
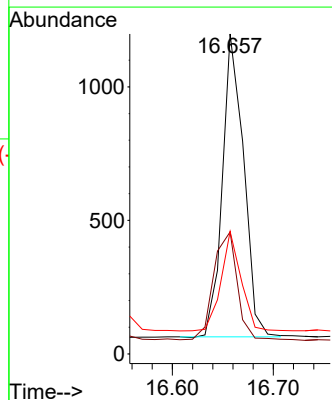
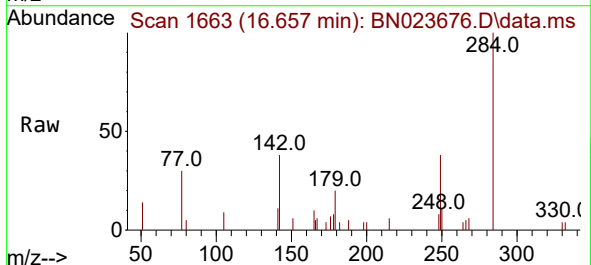
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2022

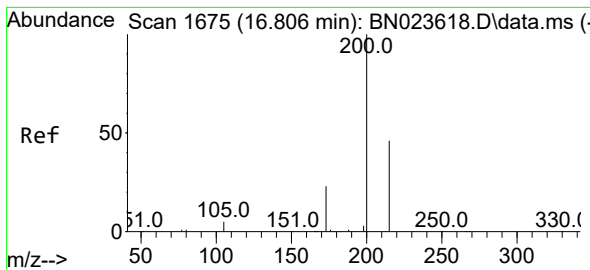
Tgt Ion:248 Resp: 1239
Ion Ratio Lower Upper
248 100
250 100.3 76.6 114.8
141 60.4 52.3 78.5



#22
Hexachlorobenzene
Concen: 0.103 ng
RT: 16.657 min Scan# 1663
Delta R.T. -0.000 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

Tgt Ion:284 Resp: 1653
Ion Ratio Lower Upper
284 100
142 39.4 31.4 47.2
249 31.0 24.9 37.3





#23

Atrazine

Concen: 0.090 ng

RT: 16.818 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN023676.D

Acq: 17 Jan 2023 11:14

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2022

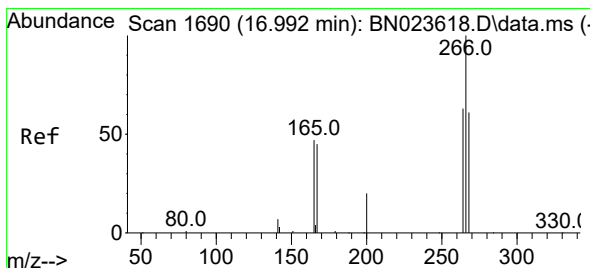
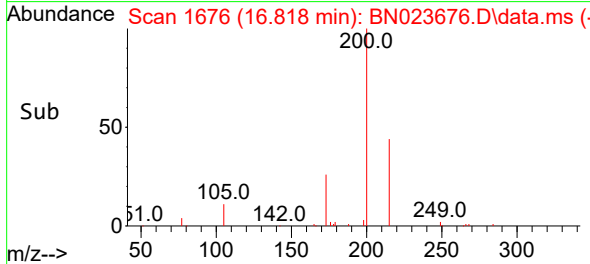
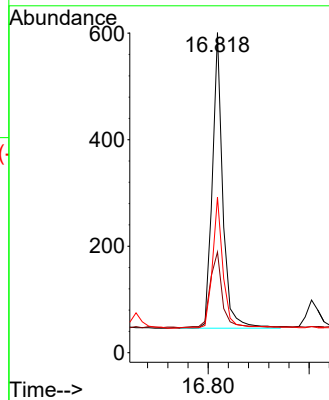
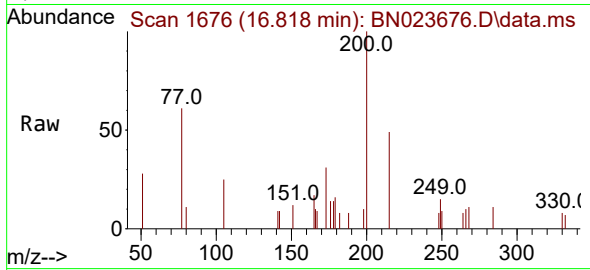
Tgt Ion:200 Resp: 798

Ion Ratio Lower Upper

200 100

173 31.4 20.4 30.6#

215 48.6 38.1 57.1



#24

Pentachlorophenol

Concen: 0.094 ng

RT: 17.005 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BN023676.D

Acq: 17 Jan 2023 11:14

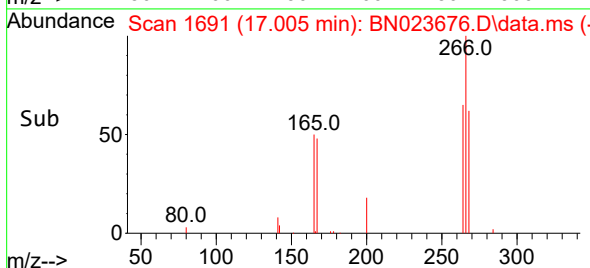
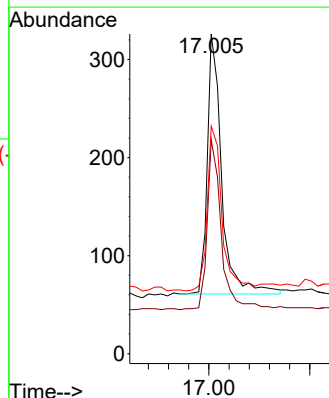
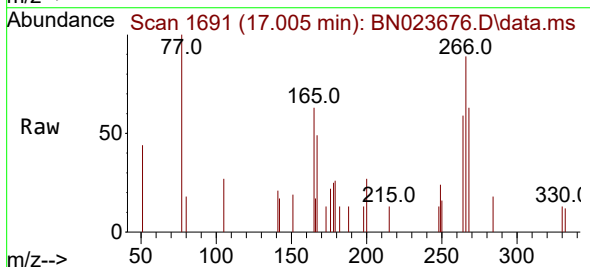
Tgt Ion:266 Resp: 524

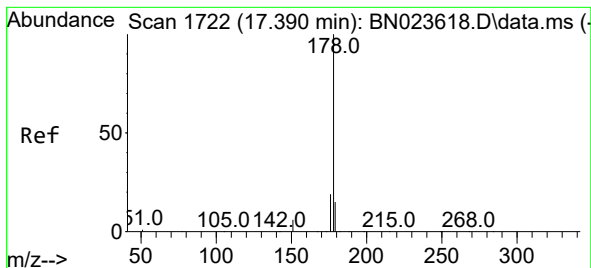
Ion Ratio Lower Upper

266 100

264 64.9 49.7 74.5

268 65.6 49.3 73.9





#25

Phenanthrene

Concen: 0.099 ng

RT: 17.402 min Scan# 1730

Delta R.T. 0.012 min

Lab File: BN023676.D

Acq: 17 Jan 2023 11:14

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2022

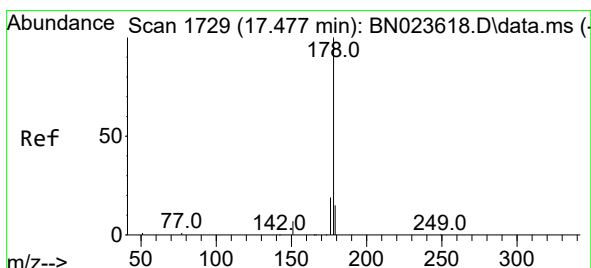
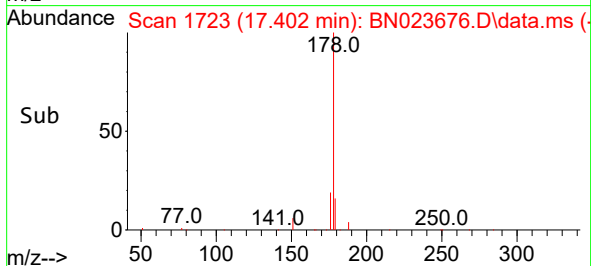
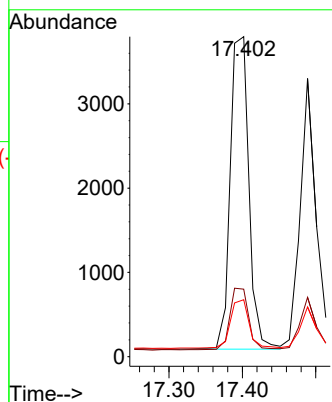
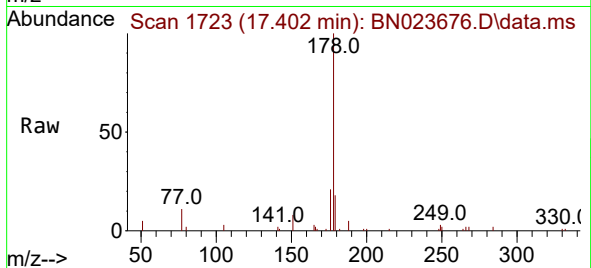
Tgt Ion:178 Resp: 6533

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

179 15.8 12.5 18.7



#26

Anthracene

Concen: 0.093 ng

RT: 17.489 min Scan# 1730

Delta R.T. -0.000 min

Lab File: BN023676.D

Acq: 17 Jan 2023 11:14

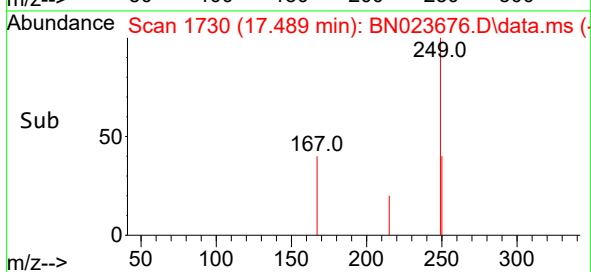
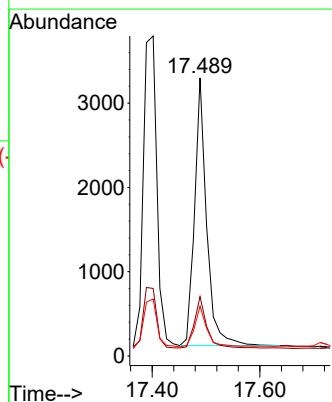
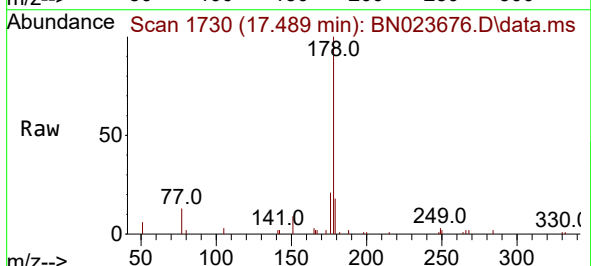
Tgt Ion:178 Resp: 4952

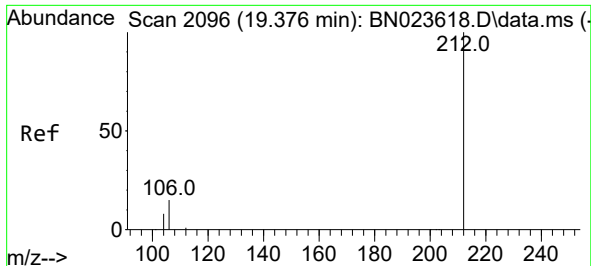
Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

179 15.8 12.2 18.2

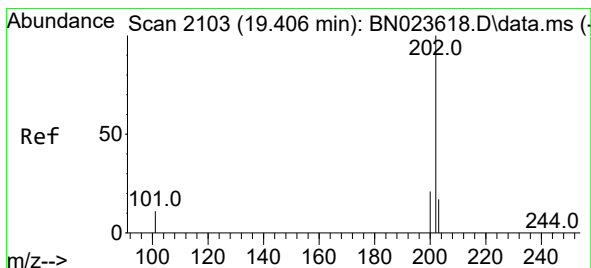
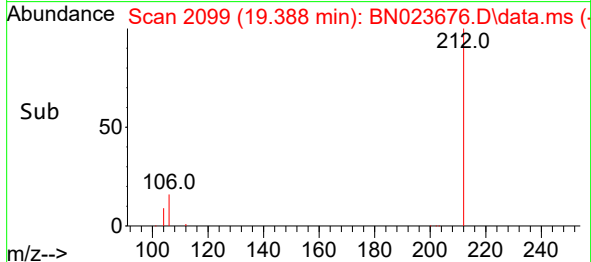
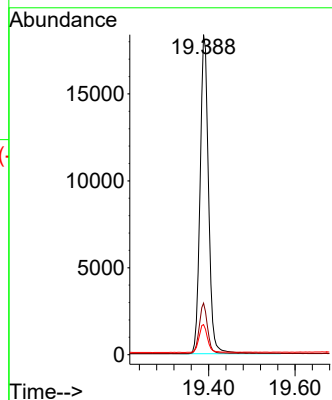
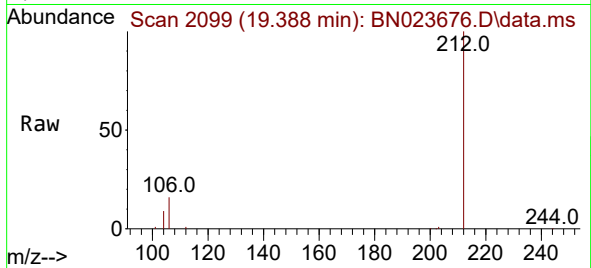




#27
Fluoranthene-d10
Concen: 0.450 ng
RT: 19.388 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

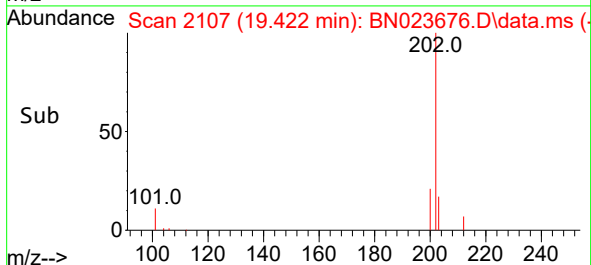
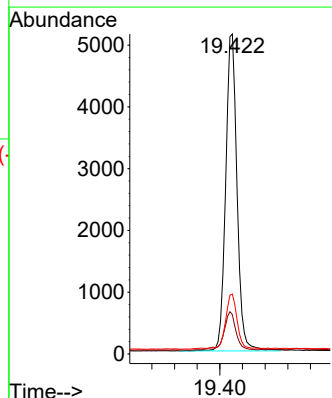
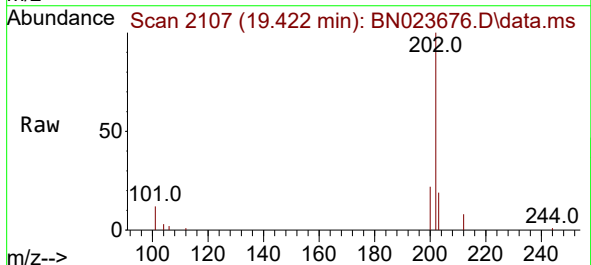
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2022

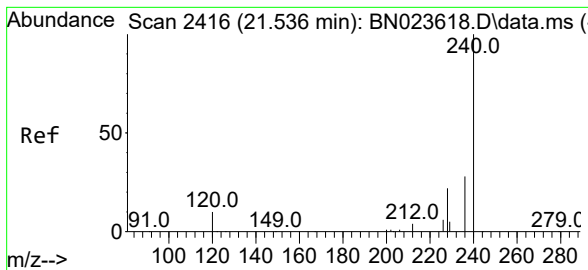
Tgt Ion:212 Resp: 24892
Ion Ratio Lower Upper
212 100
106 15.5 12.2 18.4
104 8.7 7.1 10.7



#28
Fluoranthene
Concen: 0.096 ng
RT: 19.422 min Scan# 2107
Delta R.T. 0.004 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

Tgt Ion:202 Resp: 7180
Ion Ratio Lower Upper
202 100
101 12.8 9.7 14.5
203 16.9 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.549 min Scan# 2416

Delta R.T. 0.004 min

Lab File: BN023676.D

Acq: 17 Jan 2023 11:14

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2022

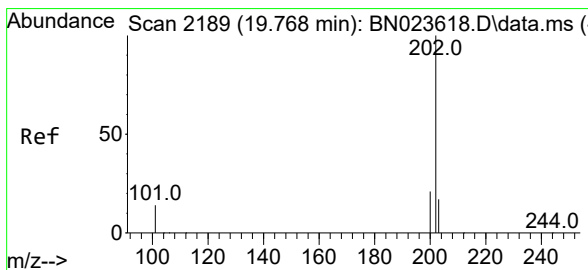
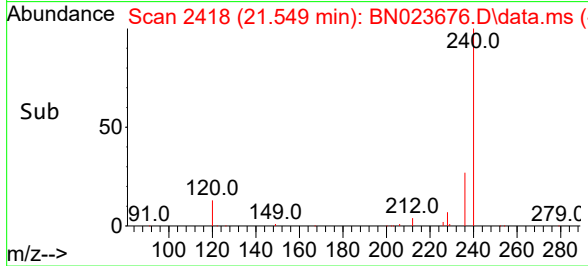
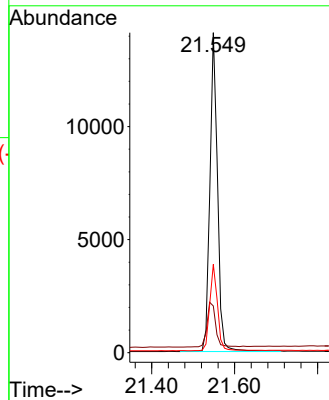
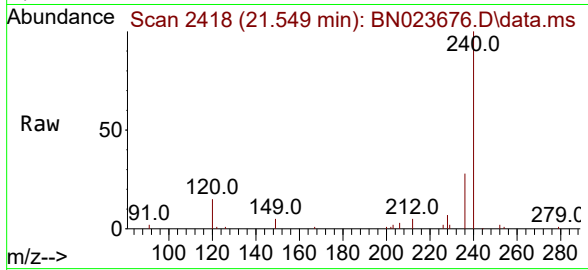
Tgt Ion:240 Resp: 18086

Ion Ratio Lower Upper

240 100

120 14.6 10.6 15.8

236 27.6 23.0 34.6



#30

Pyrene

Concen: 0.099 ng

RT: 19.785 min Scan# 2193

Delta R.T. 0.004 min

Lab File: BN023676.D

Acq: 17 Jan 2023 11:14

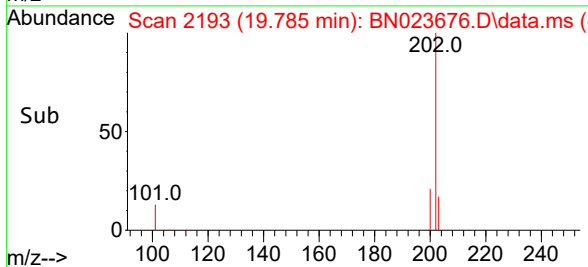
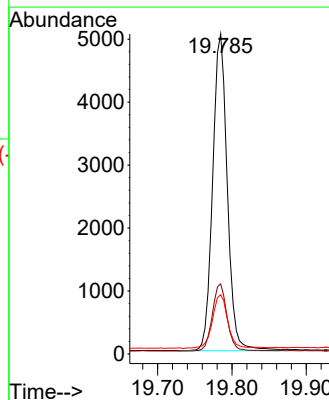
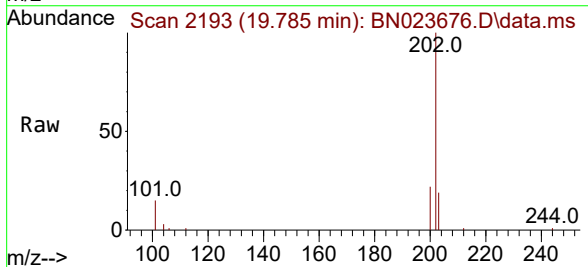
Tgt Ion:202 Resp: 6888

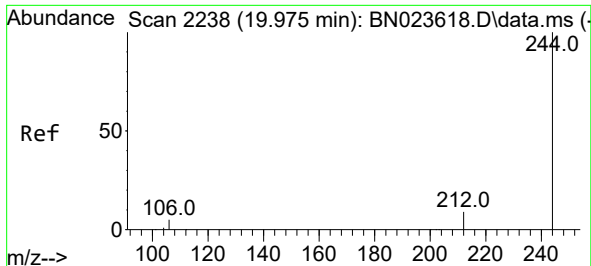
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.9 14.2 21.2

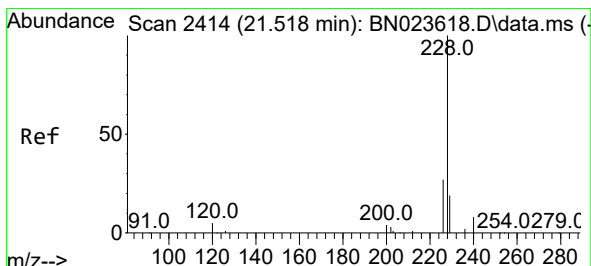
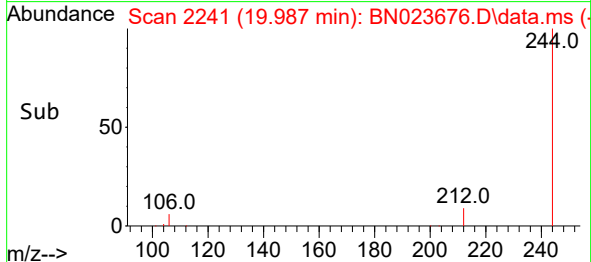
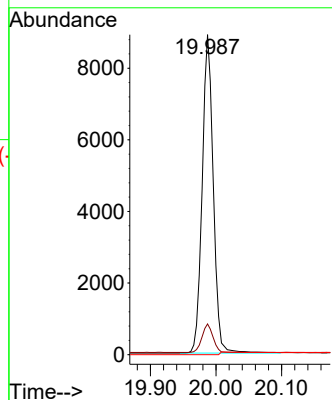
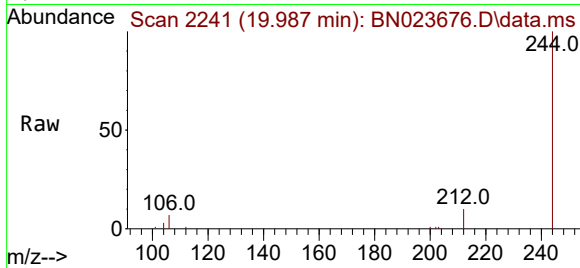




#31
 Terphenyl-d14
 Concen: 0.326 ng
 RT: 19.987 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN023676.D
 Acq: 17 Jan 2023 11:14

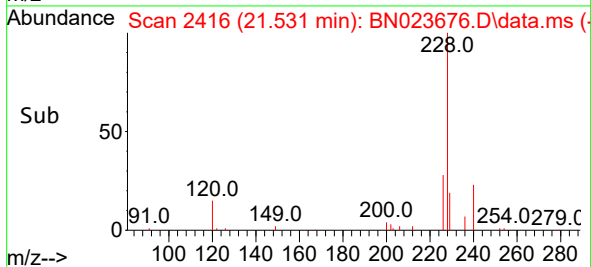
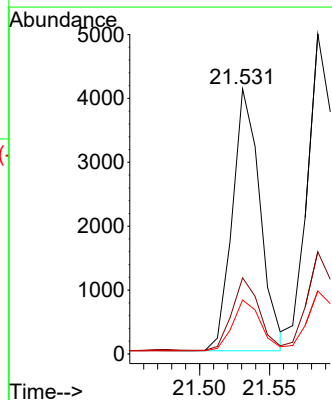
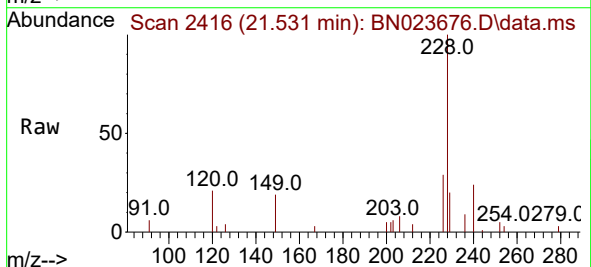
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

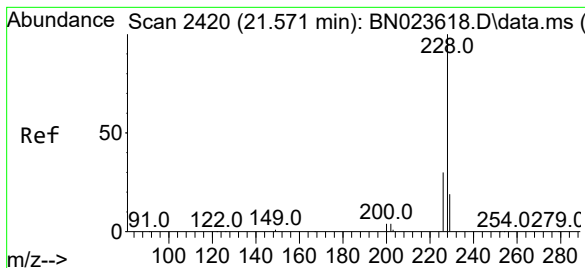
Tgt Ion:244 Resp: 14941
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.5 11.3
 122 0.0 0.0 0.0



#32
 Benzo(a)anthracene
 Concen: 0.096 ng
 RT: 21.531 min Scan# 2416
 Delta R.T. 0.004 min
 Lab File: BN023676.D
 Acq: 17 Jan 2023 11:14

Tgt Ion:228 Resp: 5641
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.2 33.2
 229 20.3 15.7 23.5





#33

Chrysene

Concen: 0.104 ng

RT: 21.584 min Scan# 2420

Delta R.T. 0.004 min

Lab File: BN023676.D

Acq: 17 Jan 2023 11:14

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2022

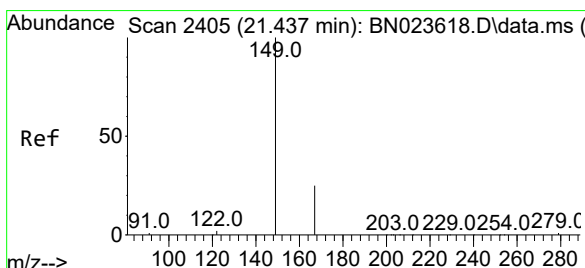
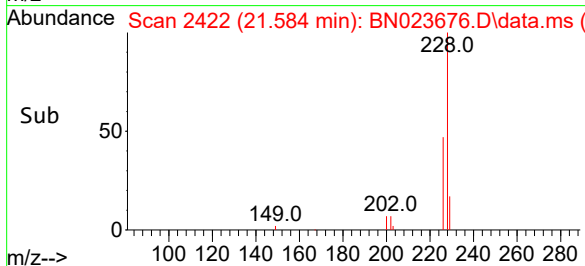
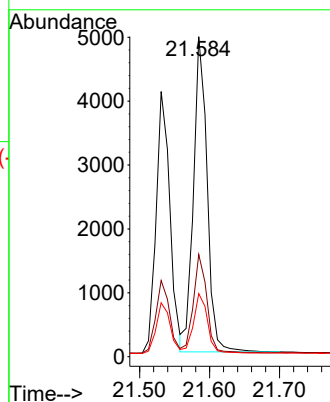
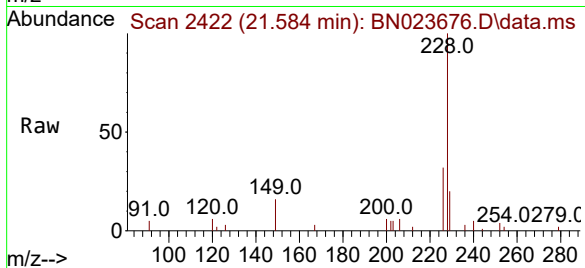
Tgt Ion:228 Resp: 6690

Ion Ratio Lower Upper

228 100

226 31.9 24.4 36.6

229 19.7 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.109 ng

RT: 21.459 min Scan# 2408

Delta R.T. 0.004 min

Lab File: BN023676.D

Acq: 17 Jan 2023 11:14

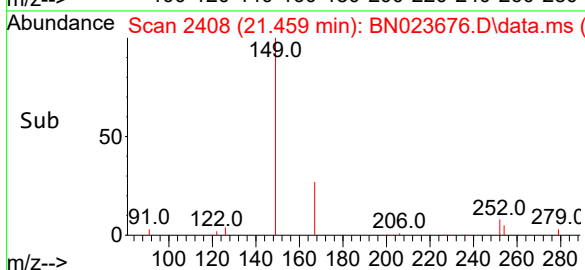
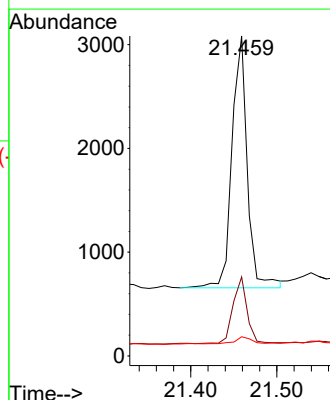
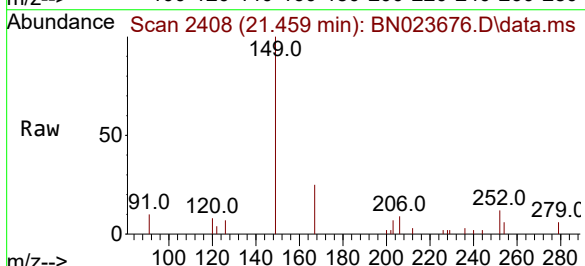
Tgt Ion:149 Resp: 2989

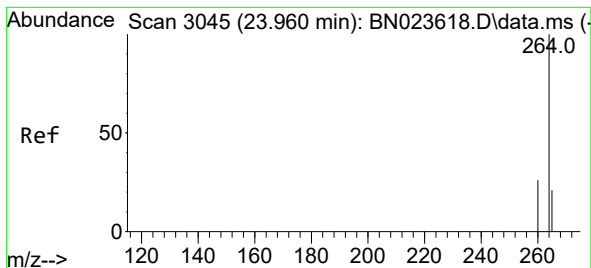
Ion Ratio Lower Upper

149 100

167 24.6 20.6 30.8

279 2.9 2.6 4.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.990 min Scan# 3045

Delta R.T. 0.007 min

Lab File: BN023676.D

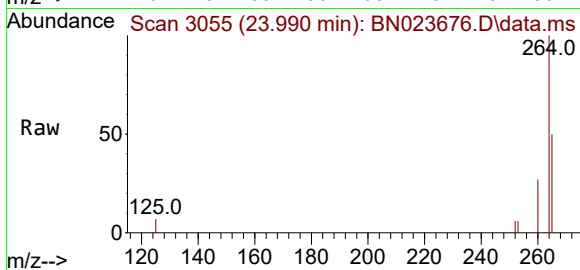
Acq: 17 Jan 2023 11:14

Instrument :

BNA_N

ClientSampleId :

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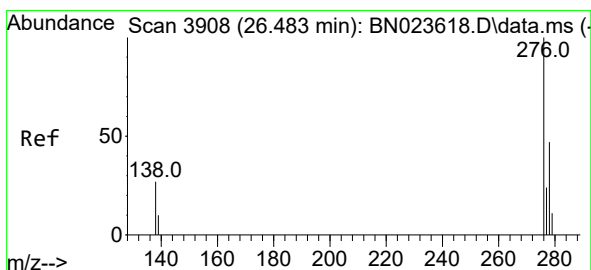
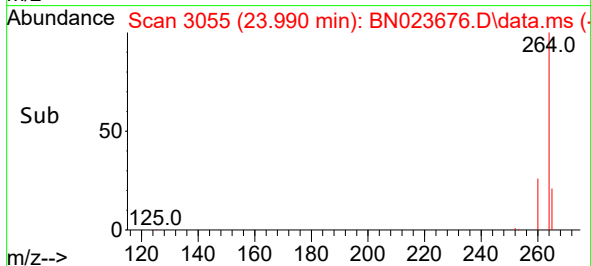
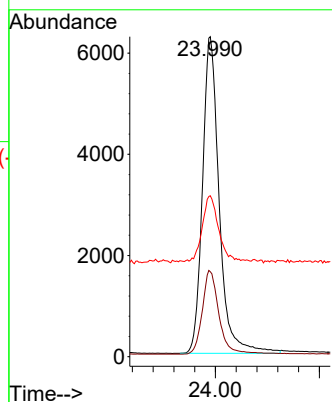
Tgt Ion:264 Resp: 14000

Ion Ratio Lower Upper

264 100

260 26.6 21.4 32.2

265 50.3 56.6 85.0#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.095 ng

RT: 26.540 min Scan# 3927

Delta R.T. 0.013 min

Lab File: BN023676.D

Acq: 17 Jan 2023 11:14

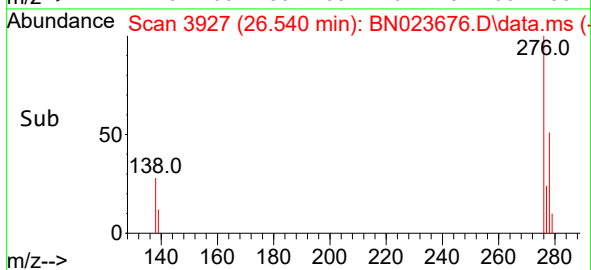
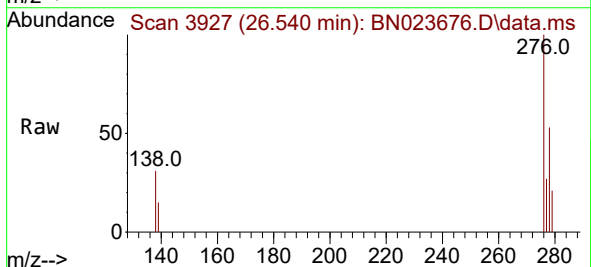
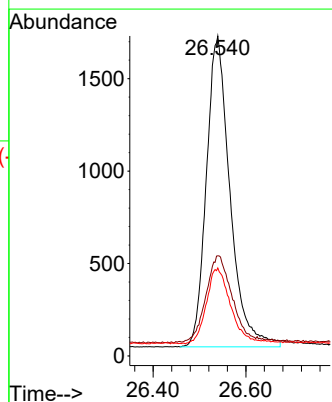
Tgt Ion:276 Resp: 5957

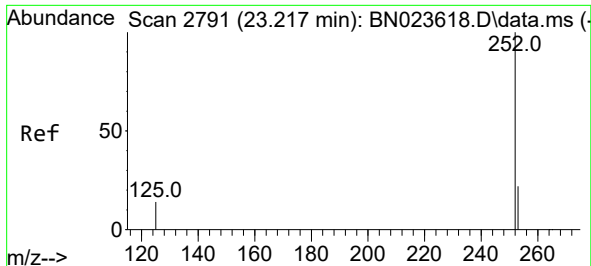
Ion Ratio Lower Upper

276 100

138 30.2 23.8 35.8

277 24.8 19.8 29.6

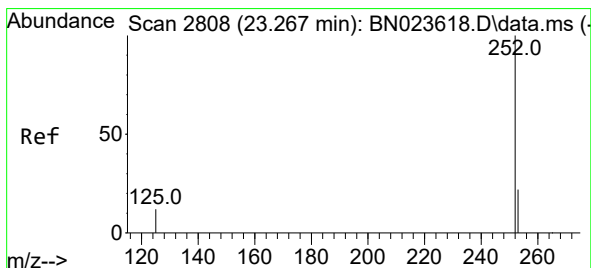
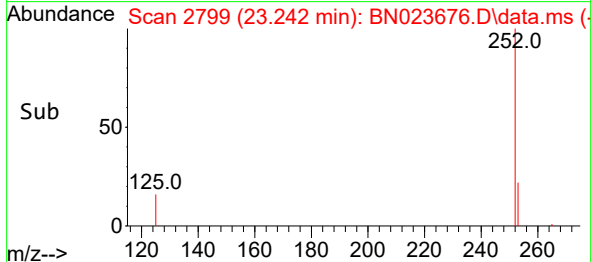
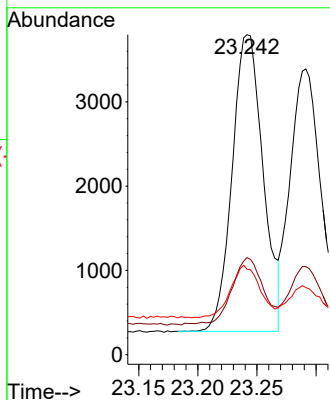
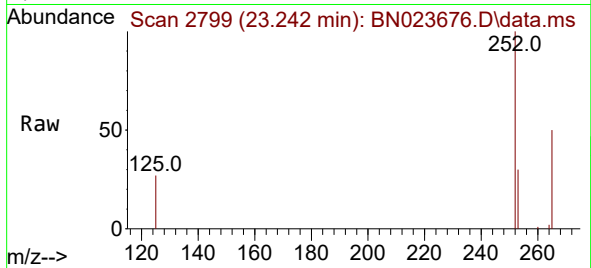




#37
Benzo(b)fluoranthene
Concen: 0.107 ng
RT: 23.242 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

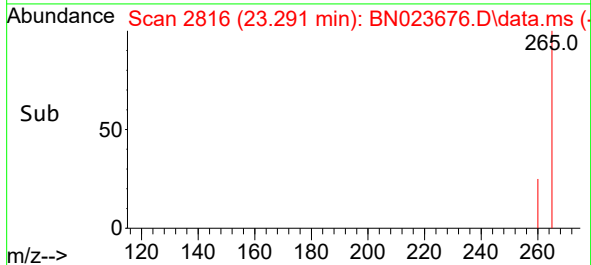
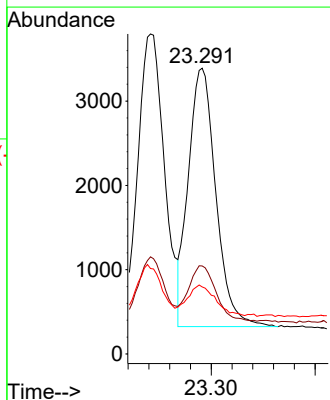
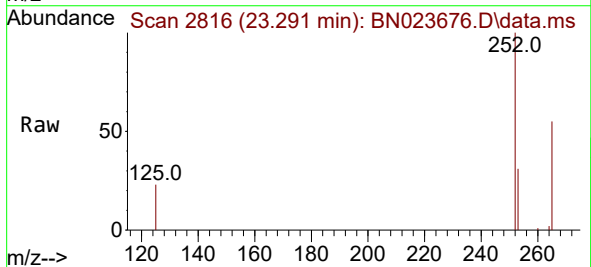
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2022

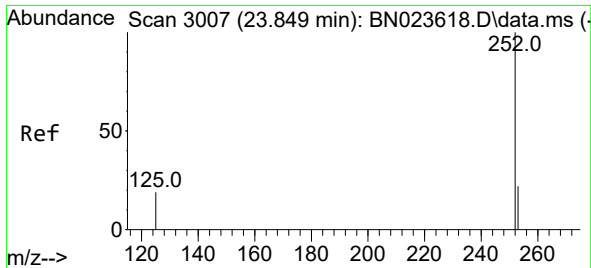
Tgt Ion:252 Resp: 6396
Ion Ratio Lower Upper
252 100
253 30.3 20.0 30.0#
125 26.7 14.4 21.6#



#38
Benzo(k)fluoranthene
Concen: 0.097 ng
RT: 23.291 min Scan# 2816
Delta R.T. 0.004 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

Tgt Ion:252 Resp: 5649
Ion Ratio Lower Upper
252 100
253 30.8 20.2 30.2#
125 23.5 13.0 19.4#

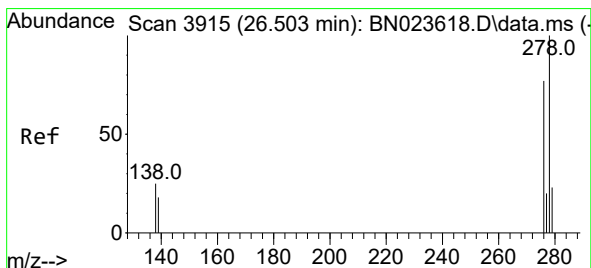
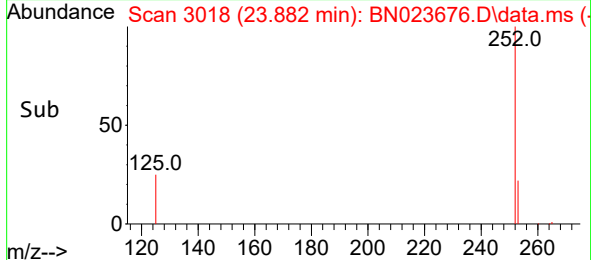
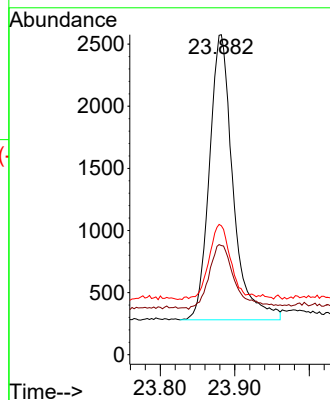
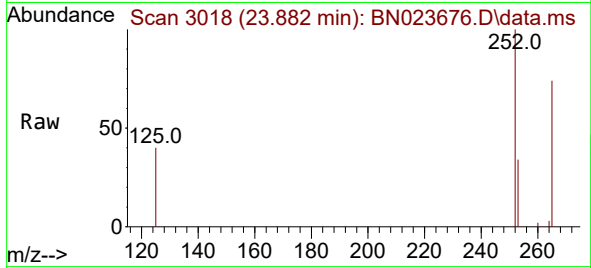




#39
Benzo(a)pyrene
Concen: 0.112 ng
RT: 23.882 min Scan# 3007
Delta R.T. 0.007 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

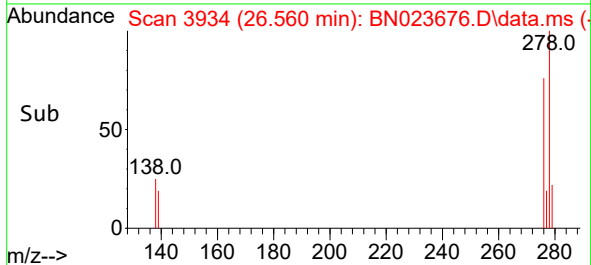
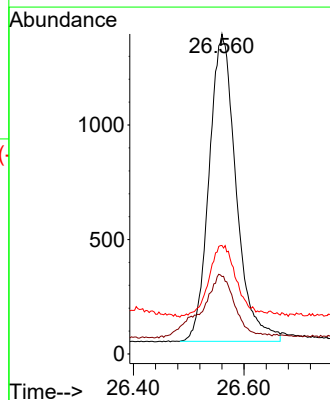
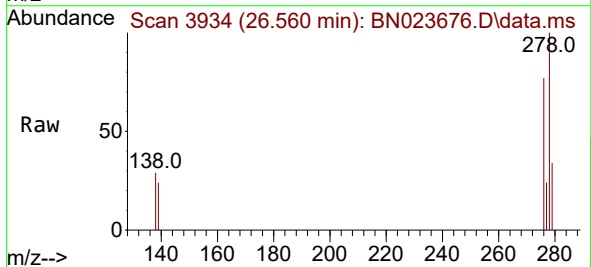
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2022

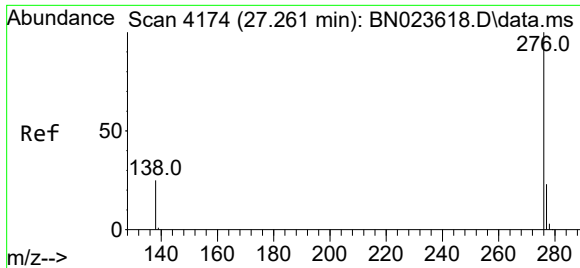
Tgt Ion:252 Resp: 5060
Ion Ratio Lower Upper
252 100
253 34.1 22.3 33.5#
125 40.3 21.2 31.8#



#40
Dibenzo(a,h)anthracene
Concen: 0.091 ng
RT: 26.560 min Scan# 3934
Delta R.T. 0.007 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

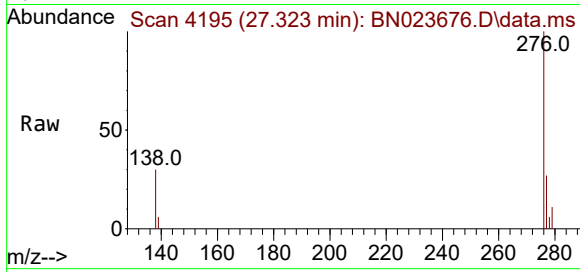
Tgt Ion:278 Resp: 4554
Ion Ratio Lower Upper
278 100
139 24.2 16.8 25.2
279 33.9 21.5 32.3#





#41
Benzo(g,h,i)perylene
Concen: 0.099 ng
RT: 27.323 min Scan# 41
Delta R.T. 0.010 min
Lab File: BN023676.D
Acq: 17 Jan 2023 11:14

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion:	276	Resp:	5098
Ion Ratio	Lower	Upper	
276	100		
277	26.7	19.6	29.4
138	30.1	21.5	32.3

