

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053123\
 Data File : BN025745.D
 Acq On : 31 May 2023 18:45
 Operator : CG/JU
 Sample : 02213-03
 Misc : MDL-MDL-SOIL-0.1ng
 ALS Vial : 12 Sample Multiplier: 1

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

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

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

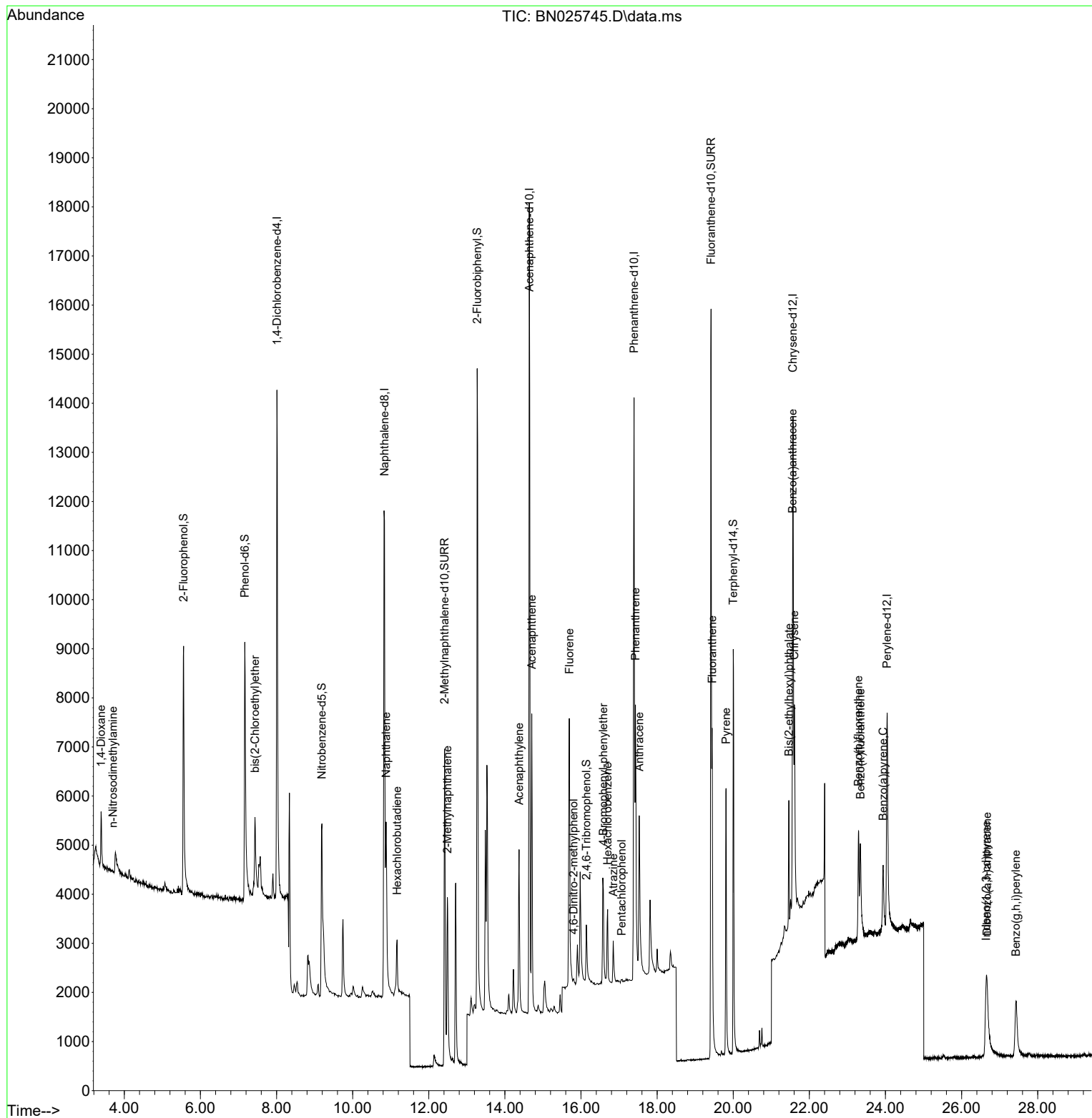
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	5961	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	16996	0.400	ng	0.01
13) Acenaphthene-d10	14.641	164	10030	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	20119	0.400	ng	# 0.01
29) Chrysene-d12	21.569	240	9752	0.400	ng	# 0.00
35) Perylene-d12	24.043	264	8475	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.557	112	5443	0.325	ng	0.00
5) Phenol-d6	7.167	99	6463	0.314	ng	0.00
8) Nitrobenzene-d5	9.191	82	4806	0.304	ng	0.02
11) 2-Methylnaphthalene-d10	12.415	152	11656	0.476	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	832	0.269	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	13989	0.330	ng	0.00
27) Fluoranthene-d10	19.416	212	19380	0.468	ng	0.00
31) Terphenyl-d14	20.002	244	9005	0.381	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	759	0.109	ng	# 87
3) n-Nitrosodimethylamine	3.700	42	36	0.004	ng	# 1
6) bis(2-Chloroethyl)ether	7.434	93	3020	0.162	ng	# 71
9) Naphthalene	10.878	128	5608	0.110	ng	95
10) Hexachlorobutadiene	11.166	225	839	0.107	ng	# 99
12) 2-Methylnaphthalene	12.491	142	3185	0.099	ng	96
16) Acenaphthylene	14.373	152	4457	0.092	ng	98
17) Acenaphthene	14.705	154	3125	0.099	ng	100
18) Fluorene	15.693	166	3981	0.098	ng	100
20) 4,6-Dinitro-2-methylph...	15.804	198	151	0.042	ng	# 1
21) 4-Bromophenyl-phenylether	16.586	248	1101	0.095	ng	100
22) Hexachlorobenzene	16.698	284	1096	0.110	ng	98
23) Atrazine	16.847	200	951	0.100	ng	93
24) Pentachlorophenol	17.070	266	54	0.015	ng	# 74
25) Phenanthrene	17.430	178	6106	0.099	ng	100
26) Anthracene	17.530	178	5066	0.090	ng	99
28) Fluoranthene	19.444	202	5813	0.095	ng	98
30) Pyrene	19.811	202	5877	0.106	ng	100
32) Benzo(a)anthracene	21.560	228	3510	0.093	ng	97
33) Chrysene	21.605	228	3947	0.099	ng	98
34) Bis(2-ethylhexyl)phtha...	21.462	149	2389	0.107	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.642	276	3311	0.090	ng	94
37) Benzo(b)fluoranthene	23.291	252	3110	0.093	ng	# 47
38) Benzo(k)fluoranthene	23.341	252	3058	0.090	ng	# 43
39) Benzo(a)pyrene	23.937	252	2640	0.083	ng	# 25
40) Dibenzo(a,h)anthracene	26.668	278	2626	0.089	ng	# 44
41) Benzo(g,h,i)perylene	27.431	276	3265	0.099	ng	# 86

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

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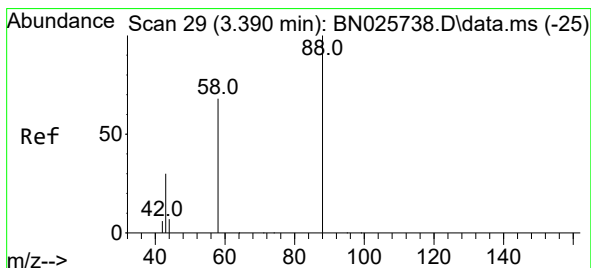
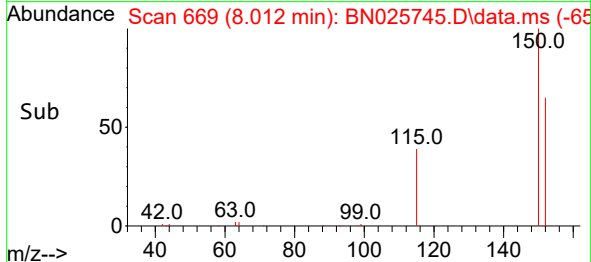
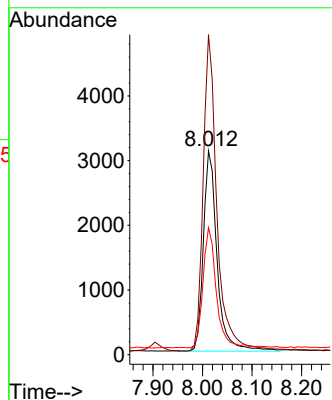
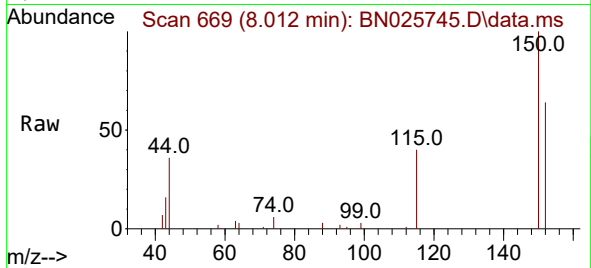




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.012 min Scan# 669
 Delta R.T. 0.000 min
 Lab File: BN025745.D
 Acq: 31 May 2023 18:45

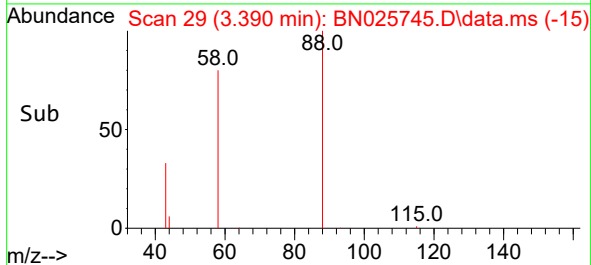
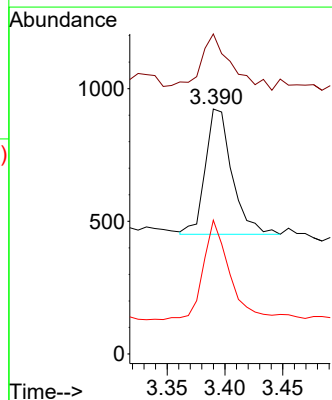
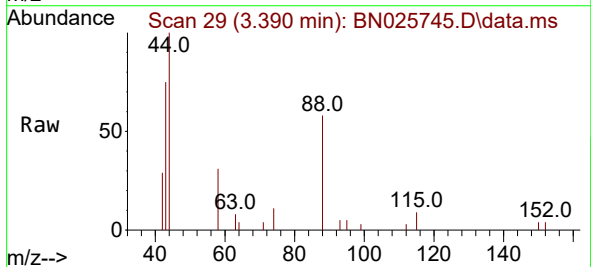
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2023

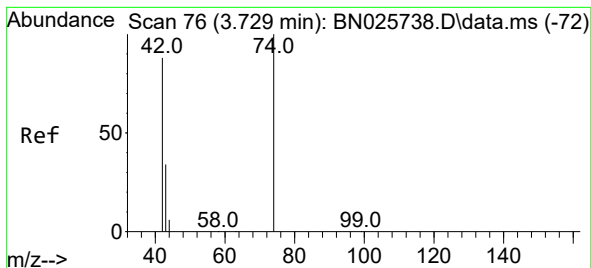
Tgt Ion:152 Resp: 5961
 Ion Ratio Lower Upper
 152 100
 150 157.1 121.5 182.3
 115 62.4 47.7 71.5



#2
 1,4-Dioxane
 Concen: 0.109 ng
 RT: 3.390 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: BN025745.D
 Acq: 31 May 2023 18:45

Tgt Ion: 88 Resp: 759
 Ion Ratio Lower Upper
 88 100
 43 51.8 31.0 46.4#
 58 78.0 57.3 85.9





#3

n-Nitrosodimethylamine

Concen: 0.004 ng

RT: 3.700 min Scan# 71

Delta R.T. -0.029 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2023

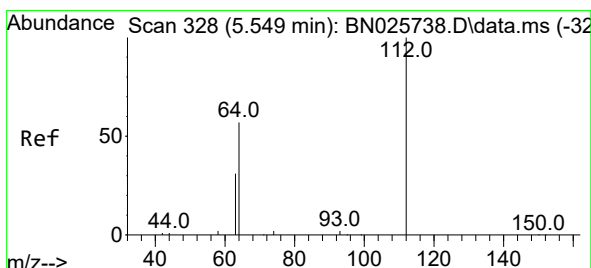
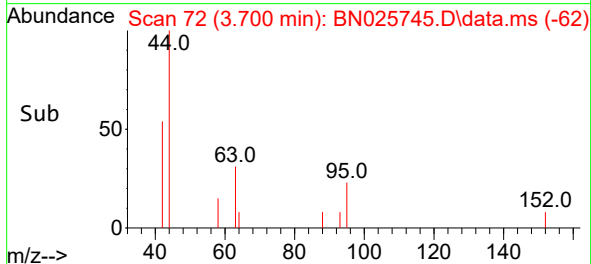
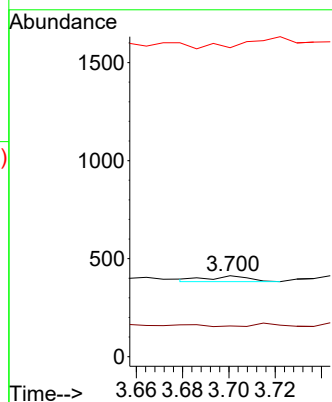
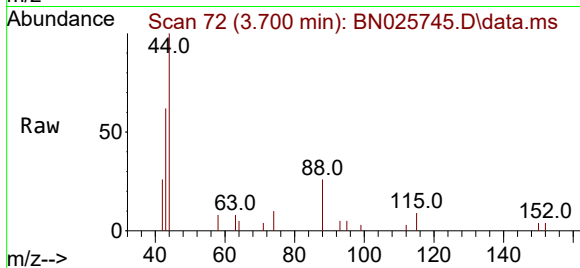
Tgt Ion: 42 Resp: 36

Ion Ratio Lower Upper

42 100

74 0.0 90.5 135.7#

44 0.0 4.4 6.6#



#4

2-Fluorophenol

Concen: 0.325 ng

RT: 5.557 min Scan# 329

Delta R.T. 0.007 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

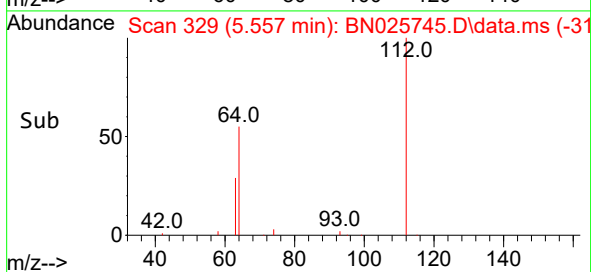
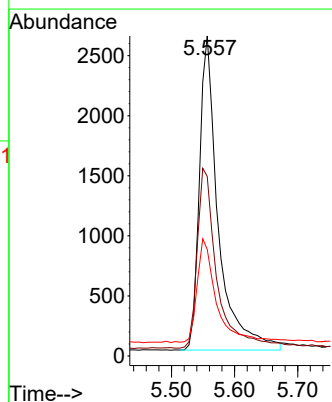
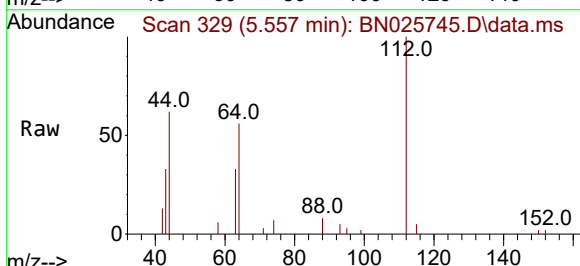
Tgt Ion: 112 Resp: 5443

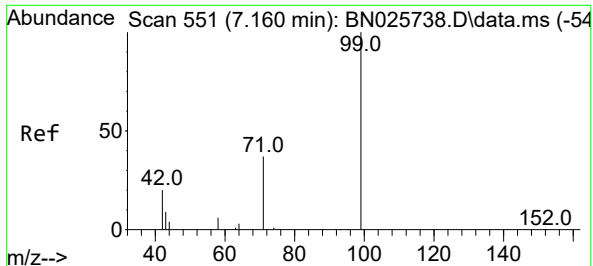
Ion Ratio Lower Upper

112 100

64 59.8 47.5 71.3

63 33.3 26.2 39.4

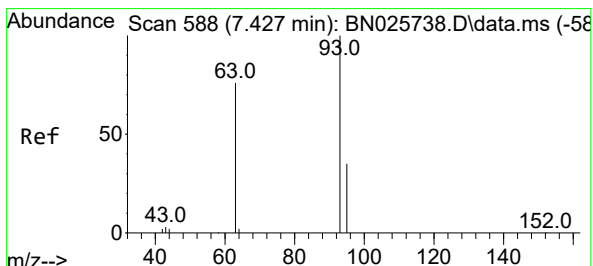
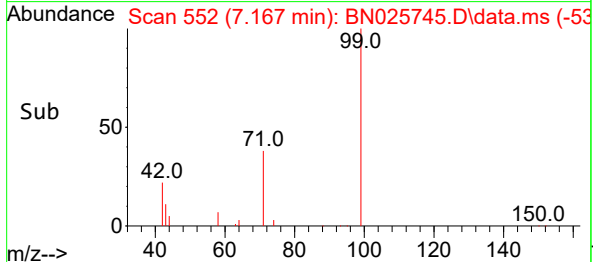
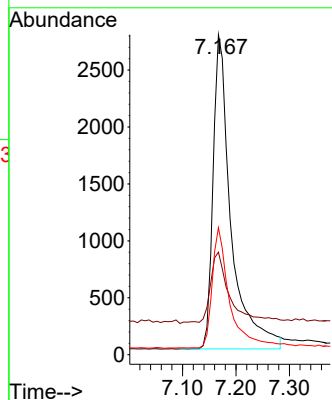
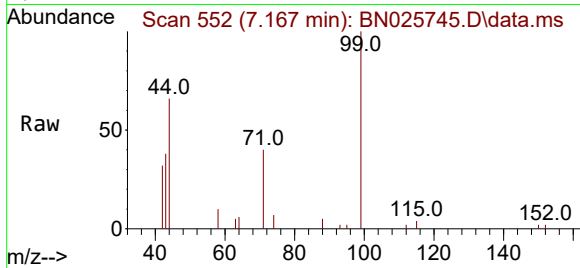




#5
Phenol-d6
Concen: 0.314 ng
RT: 7.167 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

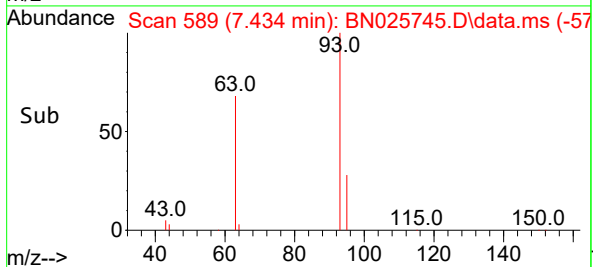
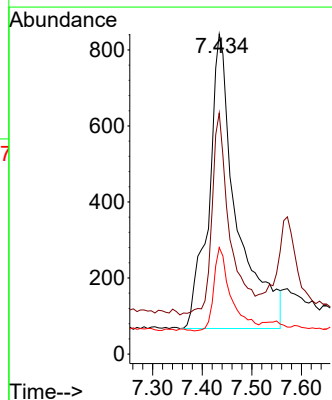
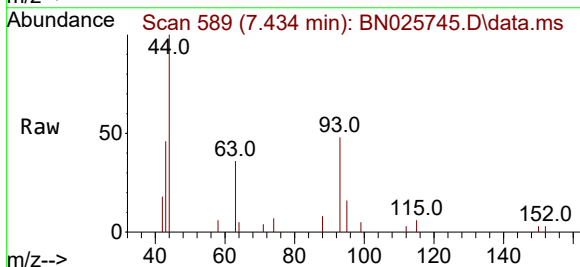
Instrument :
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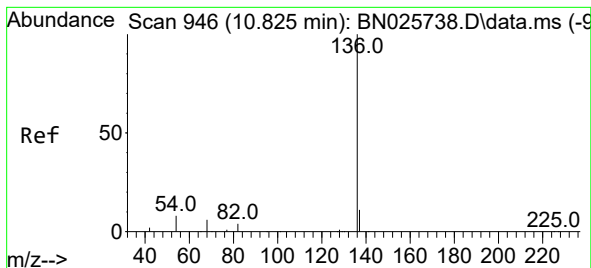
Tgt Ion: 99 Resp: 6463
Ion Ratio Lower Upper
99 100
42 23.1 18.6 28.0
71 36.9 30.5 45.7



#6
bis(2-Chloroethyl)ether
Concen: 0.162 ng
RT: 7.434 min Scan# 589
Delta R.T. 0.007 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

Tgt Ion: 93 Resp: 3020
Ion Ratio Lower Upper
93 100
63 44.4 56.4 84.6#
95 17.5 24.6 37.0#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.835 min Scan# 94

Delta R.T. 0.011 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2023

Tgt Ion:136 Resp: 16996

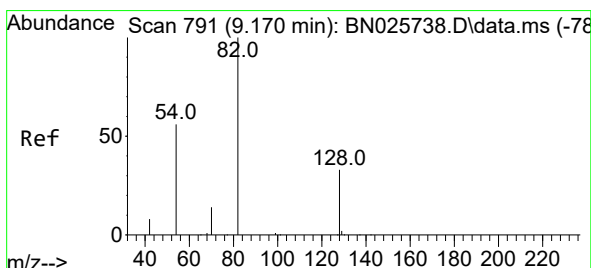
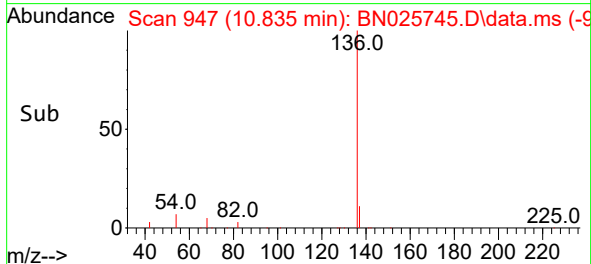
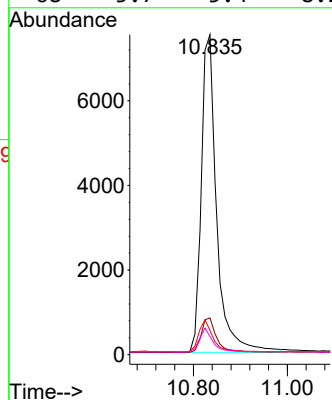
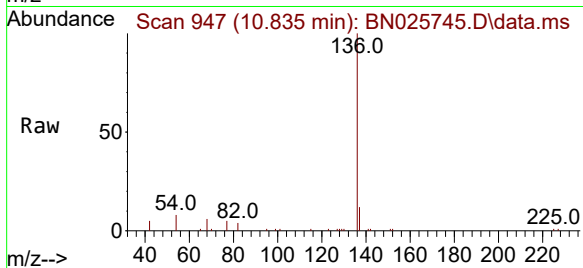
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 7.6 7.2 10.8

68 5.7 5.4 8.2



#8

Nitrobenzene-d5

Concen: 0.304 ng

RT: 9.191 min Scan# 793

Delta R.T. 0.021 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

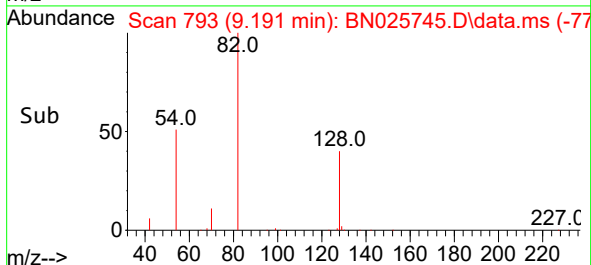
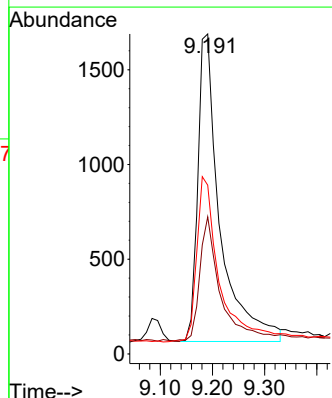
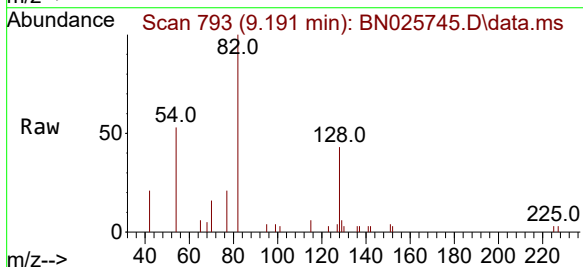
Tgt Ion: 82 Resp: 4806

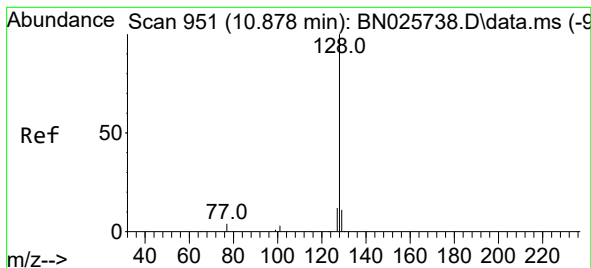
Ion Ratio Lower Upper

82 100

128 42.9 27.6 41.4#

54 52.8 45.7 68.5





#9

Naphthalene

Concen: 0.110 ng

RT: 10.878 min Scan# 9

Delta R.T. -0.000 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

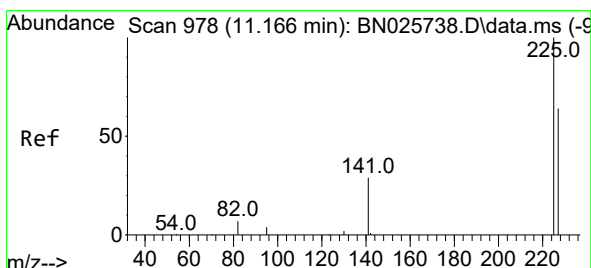
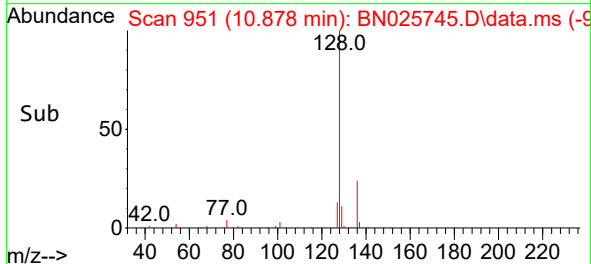
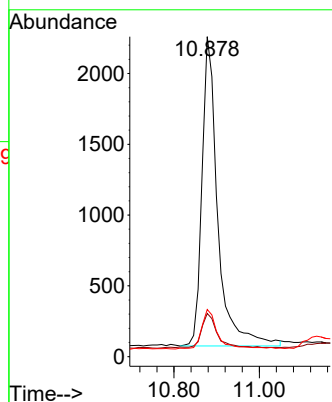
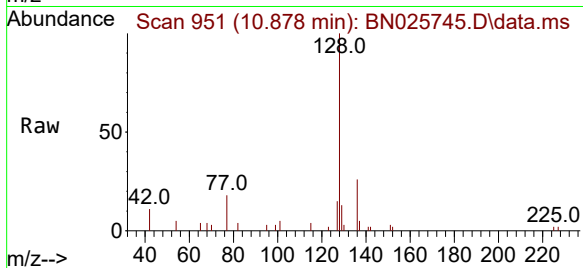
Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2023

Tgt Ion:	128	Resp:	5608
Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.1	13.7
127	14.7	10.3	15.5



#10

Hexachlorobutadiene

Concen: 0.107 ng

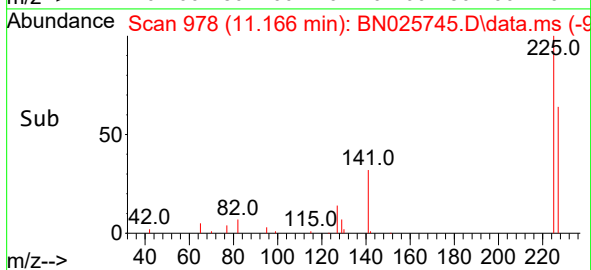
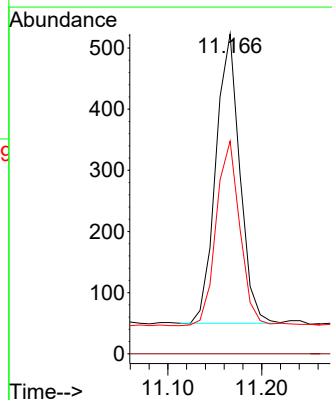
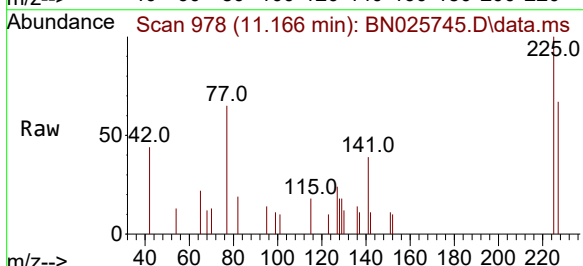
RT: 11.166 min Scan# 978

Delta R.T. -0.000 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

Tgt Ion:	225	Resp:	839
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	50.4	75.6

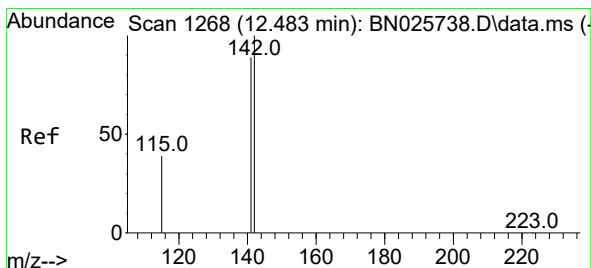
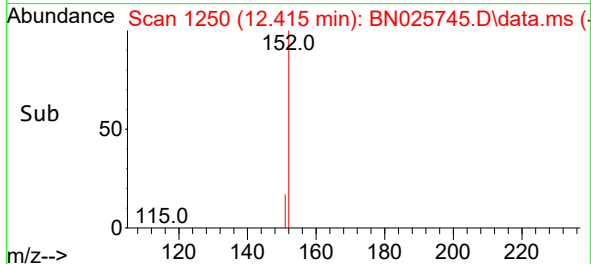
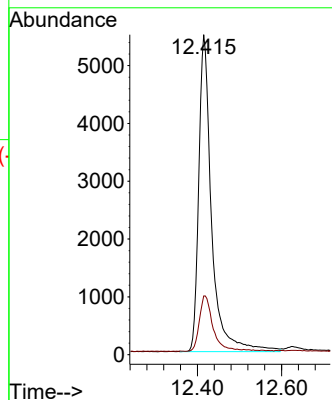
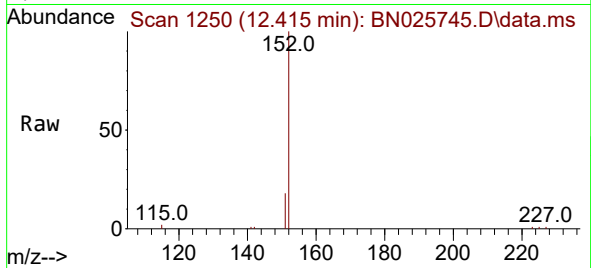




#11
2-Methylnaphthalene-d10
Concen: 0.476 ng
RT: 12.415 min Scan# 11
Delta R.T. 0.007 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

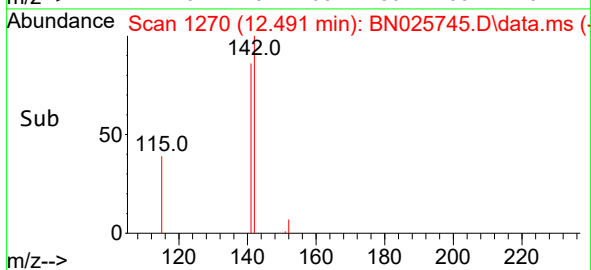
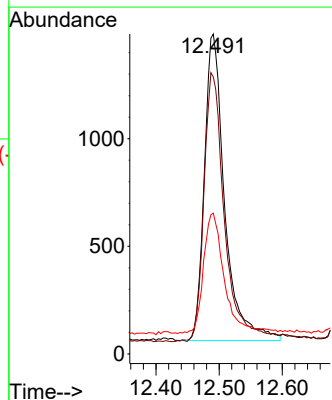
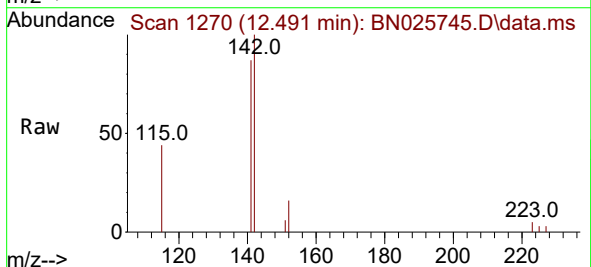
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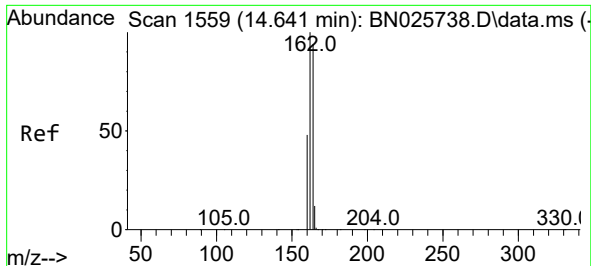
Tgt Ion:152 Resp: 11656
Ion Ratio Lower Upper
152 100
151 18.4 16.4 24.6



#12
2-Methylnaphthalene
Concen: 0.099 ng
RT: 12.491 min Scan# 1270
Delta R.T. 0.008 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

Tgt Ion:142 Resp: 3185
Ion Ratio Lower Upper
142 100
141 86.6 71.2 106.8
115 44.0 31.7 47.5

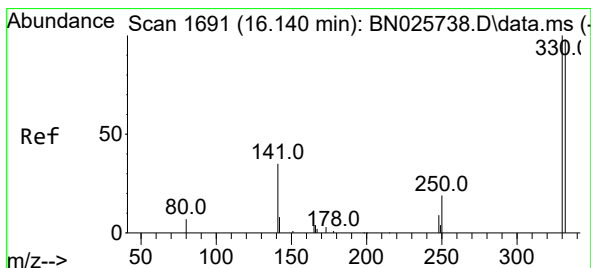
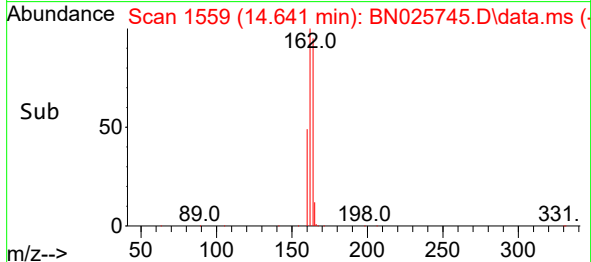
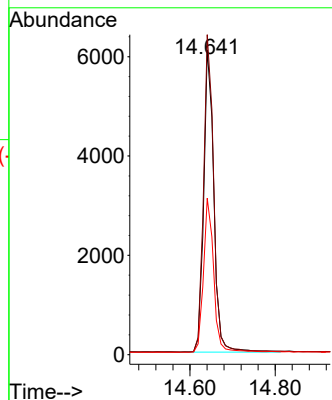
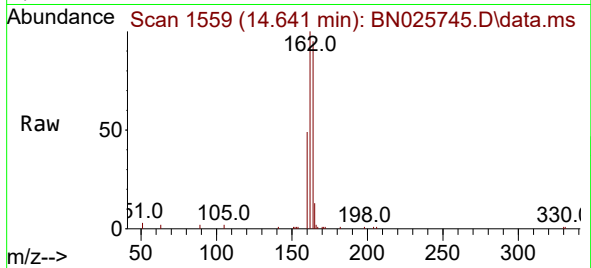




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.641 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

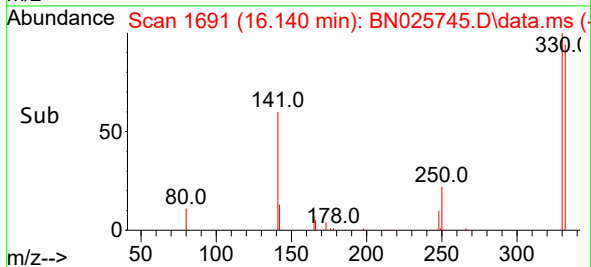
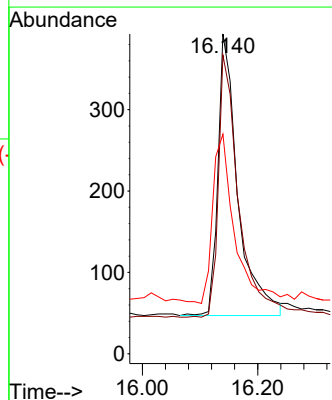
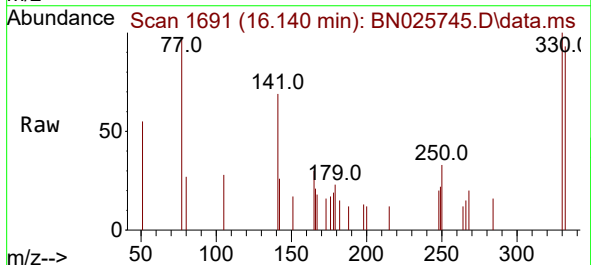
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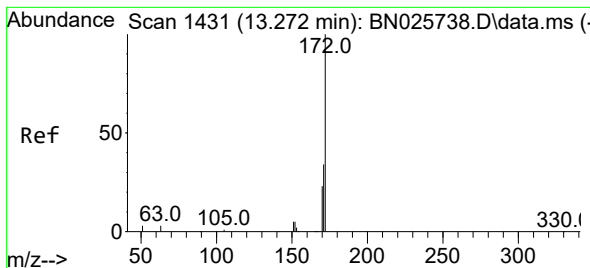
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Ion Ratio Lower Upper
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162 105.0 85.0 127.6
160 51.3 41.1 61.7



#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 16.140 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

Tgt Ion:330 Resp: 832
Ion Ratio Lower Upper
330 100
332 94.1 77.3 115.9
141 63.3 55.0 82.6





#15

2-Fluorobiphenyl

Concen: 0.330 ng

RT: 13.272 min Scan# 1431

Delta R.T. -0.000 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2023

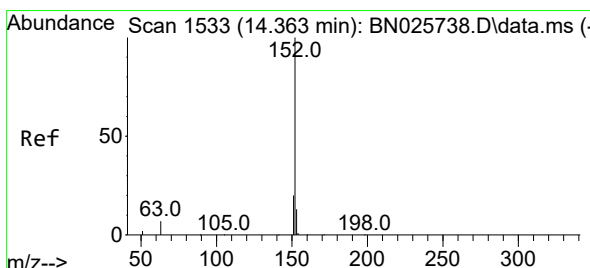
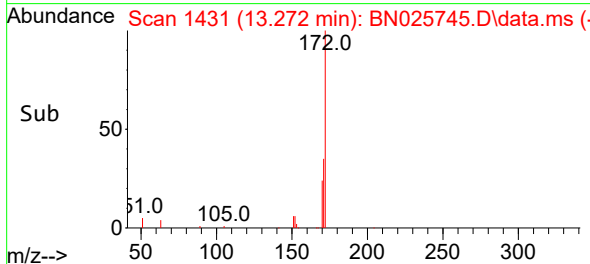
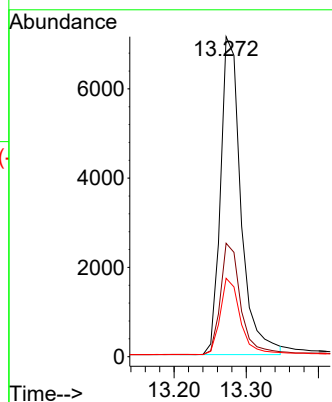
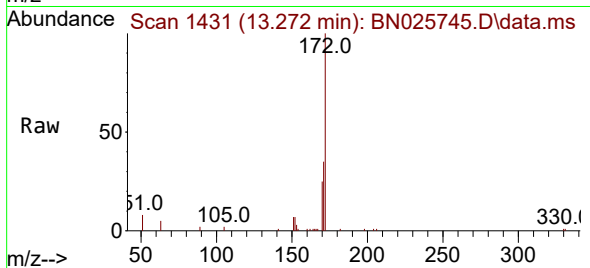
Tgt Ion:172 Resp: 13989

Ion Ratio Lower Upper

172 100

171 35.4 27.3 40.9

170 24.5 18.6 28.0



#16

Acenaphthylene

Concen: 0.092 ng

RT: 14.373 min Scan# 1534

Delta R.T. 0.011 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

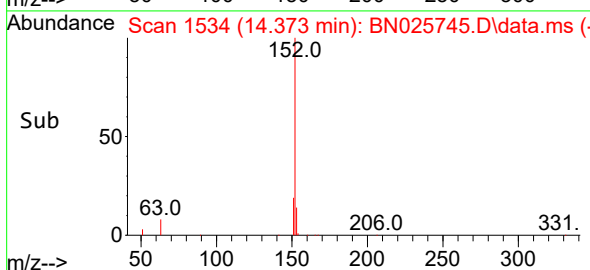
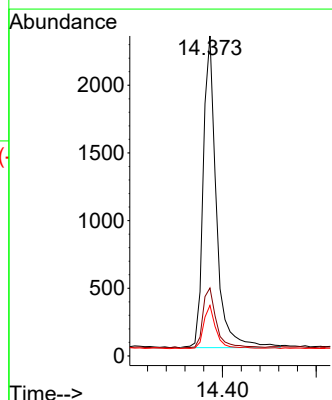
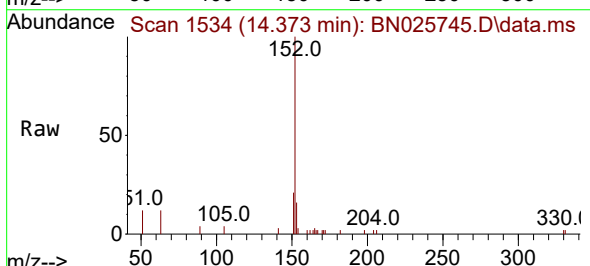
Tgt Ion:152 Resp: 4457

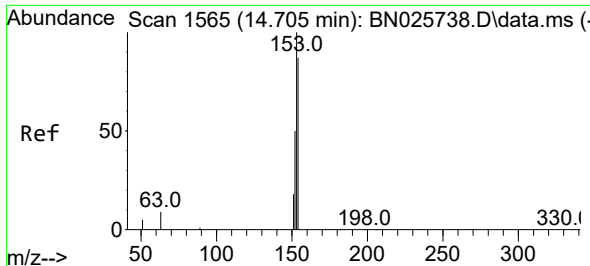
Ion Ratio Lower Upper

152 100

151 20.1 15.4 23.0

153 13.4 10.4 15.6

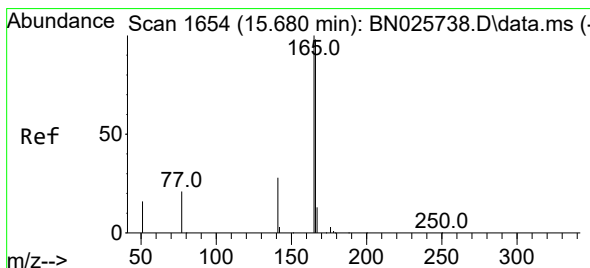
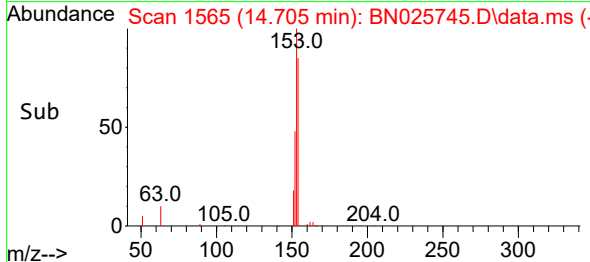
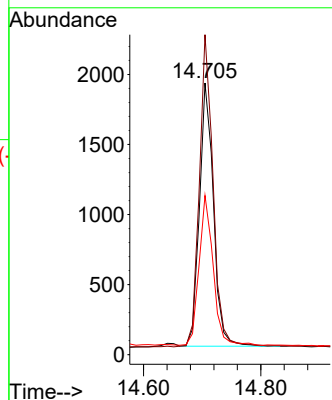
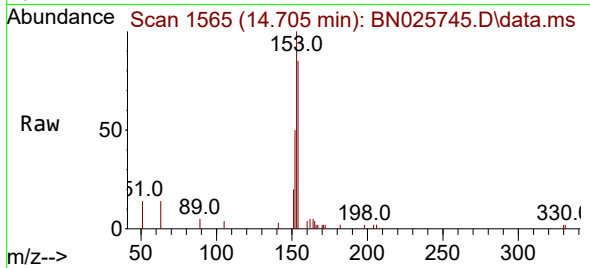




#17
Acenaphthene
Concen: 0.099 ng
RT: 14.705 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

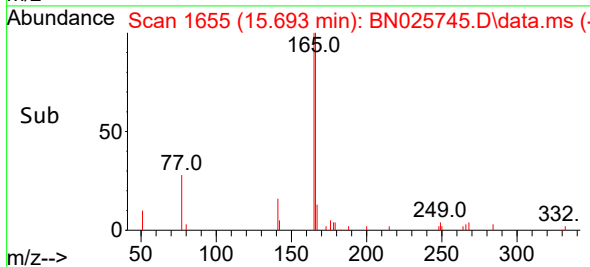
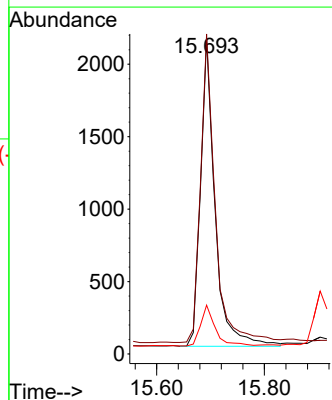
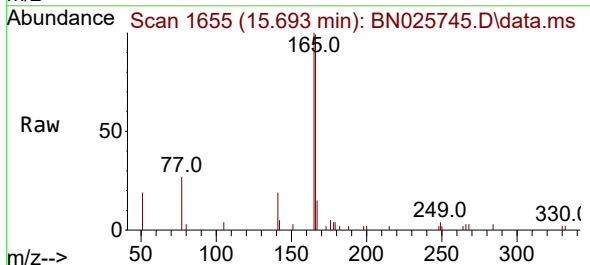
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023

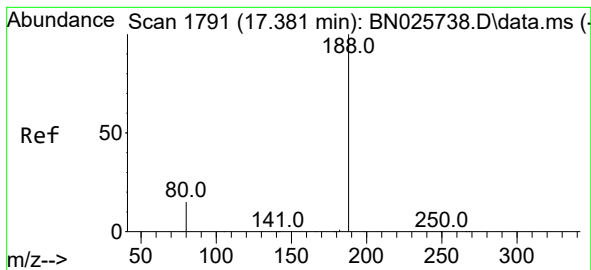
Tgt Ion:154 Resp: 3125
Ion Ratio Lower Upper
154 100
153 116.3 93.0 139.6
152 57.4 46.5 69.7



#18
Fluorene
Concen: 0.098 ng
RT: 15.693 min Scan# 1655
Delta R.T. 0.013 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

Tgt Ion:166 Resp: 3981
Ion Ratio Lower Upper
166 100
165 100.4 80.1 120.1
167 13.2 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.393 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2023

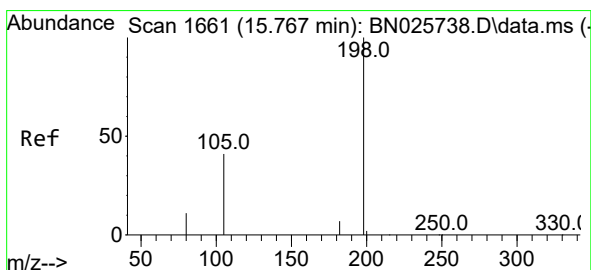
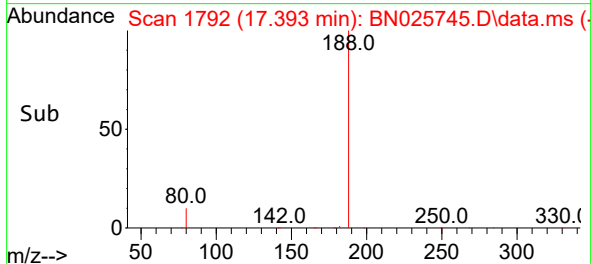
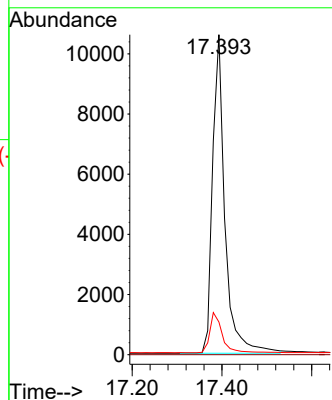
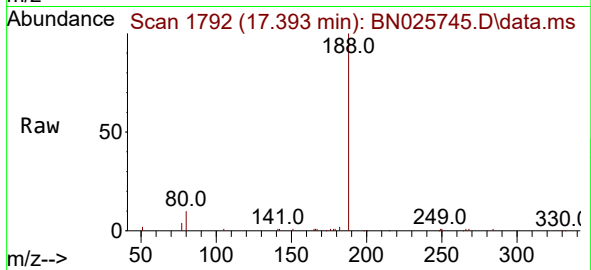
Tgt Ion:188 Resp: 20119

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.2 12.1 18.1#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.042 ng

RT: 15.804 min Scan# 1664

Delta R.T. 0.037 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

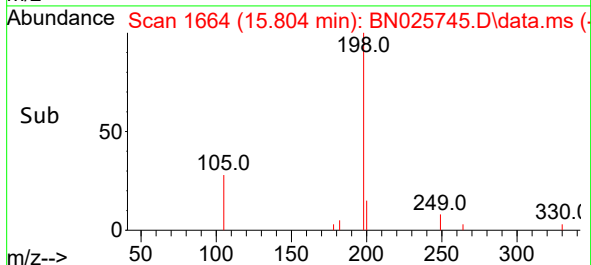
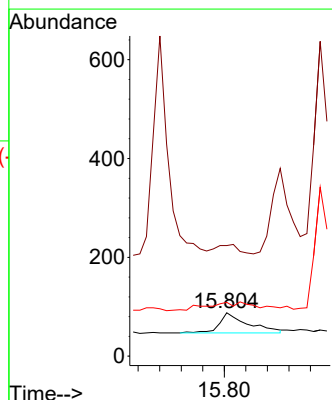
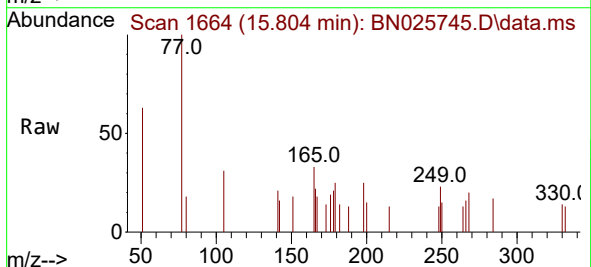
Tgt Ion:198 Resp: 151

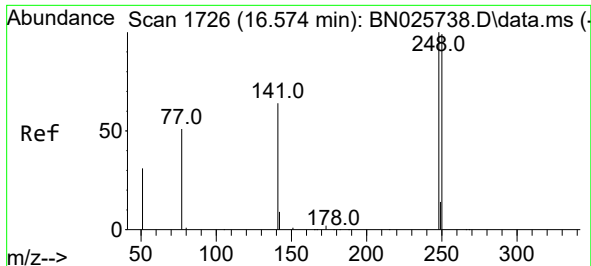
Ion Ratio Lower Upper

198 100

51 254.5 62.7 94.1#

105 123.9 42.2 63.4#

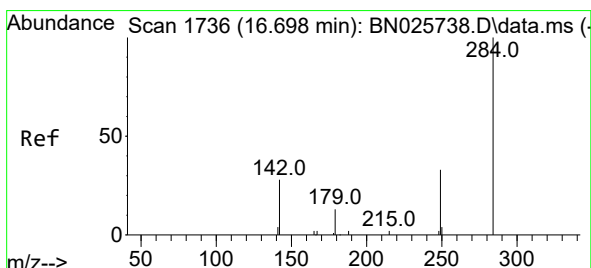
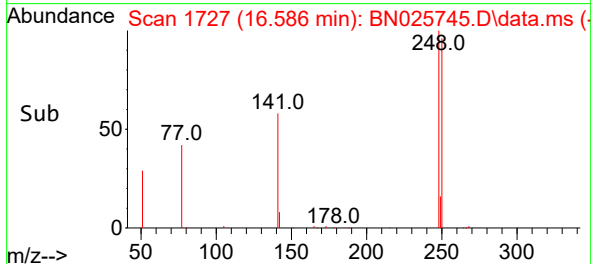
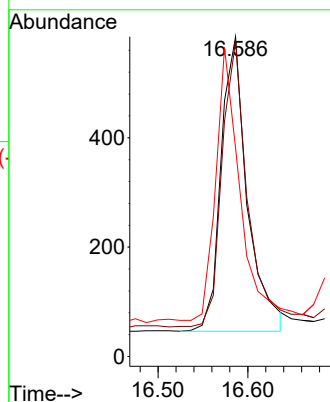
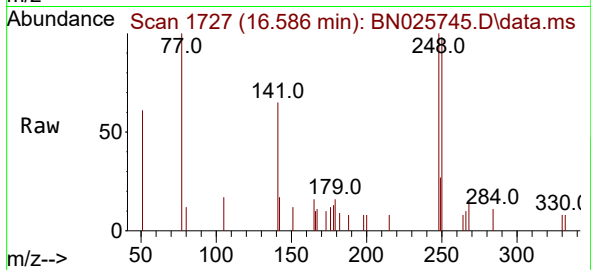




#21
4-Bromophenyl-phenylether
Concen: 0.095 ng
RT: 16.586 min Scan# 1727
Delta R.T. 0.012 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

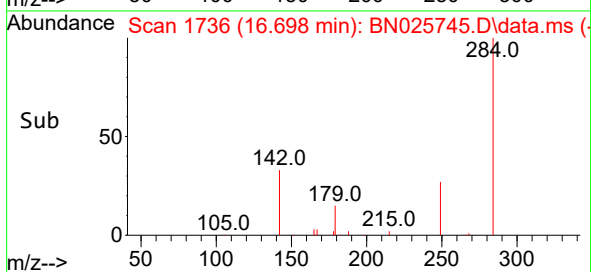
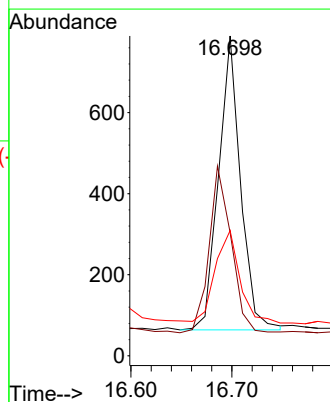
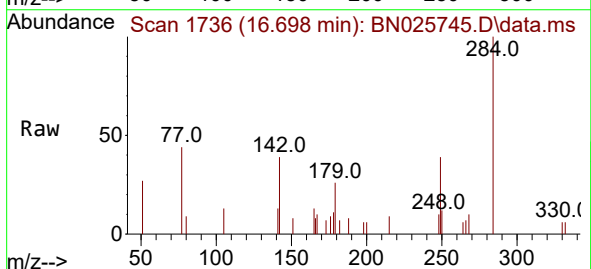
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023

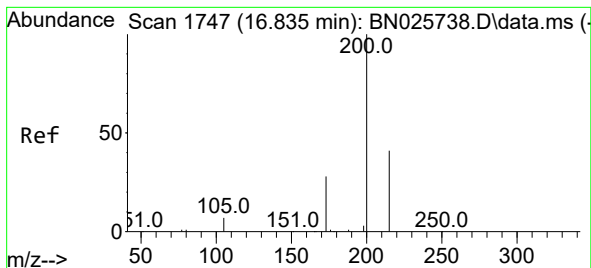
Tgt Ion:248 Resp: 1101
Ion Ratio Lower Upper
248 100
250 98.5 79.1 118.7
141 65.1 51.9 77.9



#22
Hexachlorobenzene
Concen: 0.110 ng
RT: 16.698 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

Tgt Ion:284 Resp: 1096
Ion Ratio Lower Upper
284 100
142 56.9 45.0 67.4
249 35.4 29.6 44.4





#23

Atrazine

Concen: 0.100 ng

RT: 16.847 min Scan# 1748

Delta R.T. 0.012 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2023

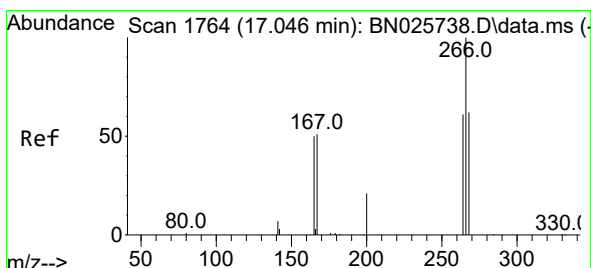
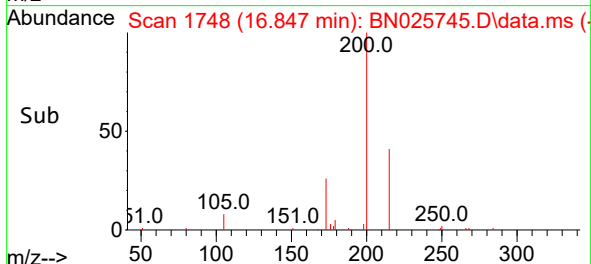
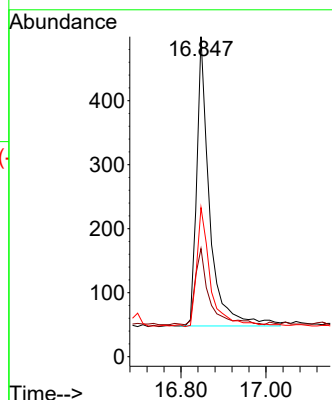
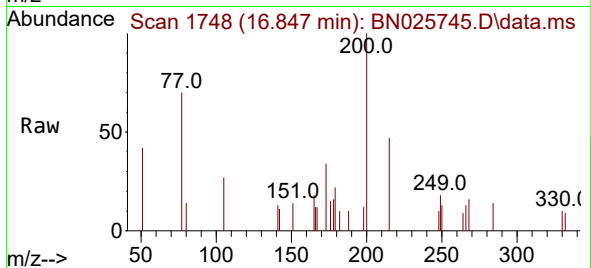
Tgt Ion:200 Resp: 951

Ion Ratio Lower Upper

200 100

173 33.8 23.8 35.6

215 46.6 33.8 50.6



#24

Pentachlorophenol

Concen: 0.015 ng

RT: 17.070 min Scan# 1766

Delta R.T. 0.024 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

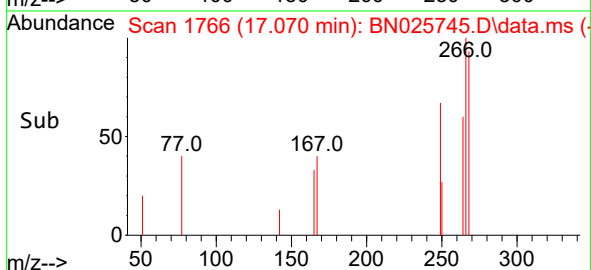
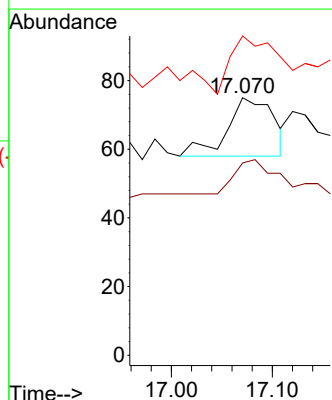
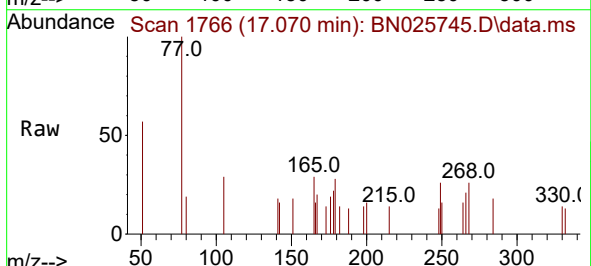
Tgt Ion:266 Resp: 54

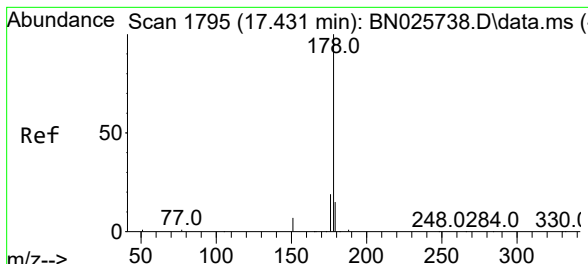
Ion Ratio Lower Upper

266 100

264 61.1 48.6 73.0

268 103.7 51.8 77.6#

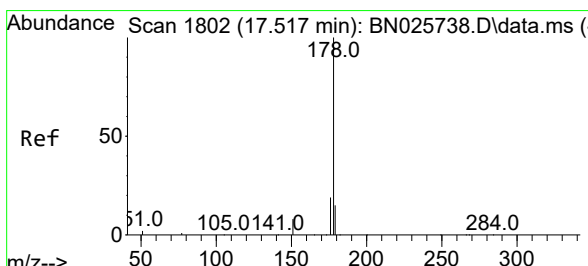
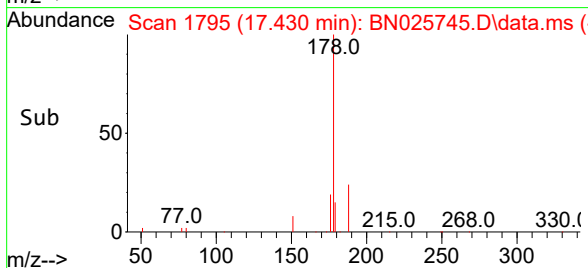
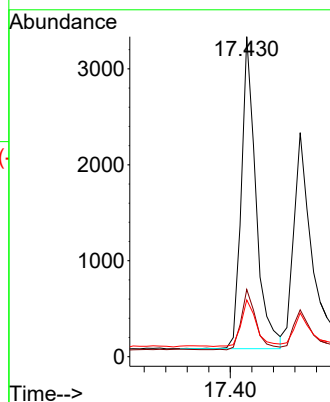
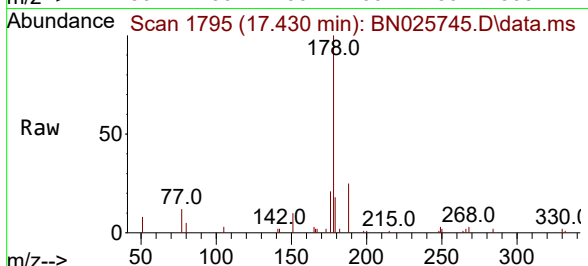




#25
Phenanthrene
Concen: 0.099 ng
RT: 17.430 min Scan# 1795
Delta R.T. -0.000 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

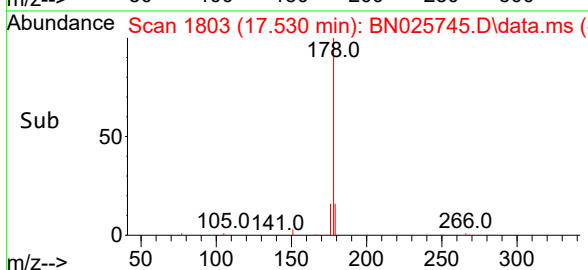
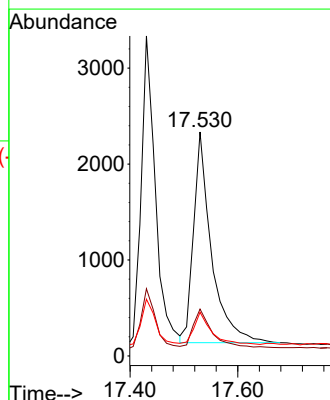
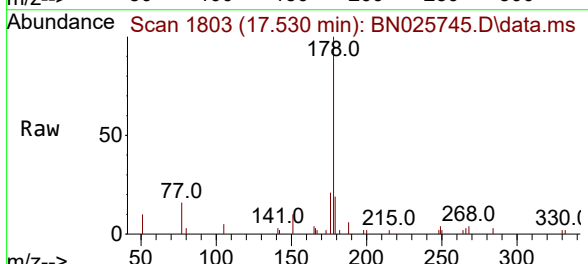
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023

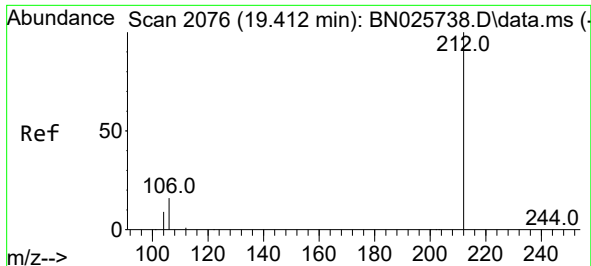
Tgt Ion:178 Resp: 6106
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.4 12.2 18.2



#26
Anthracene
Concen: 0.090 ng
RT: 17.530 min Scan# 1803
Delta R.T. 0.012 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

Tgt Ion:178 Resp: 5066
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 14.6 12.2 18.2

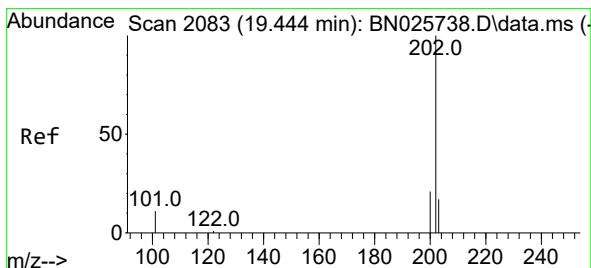
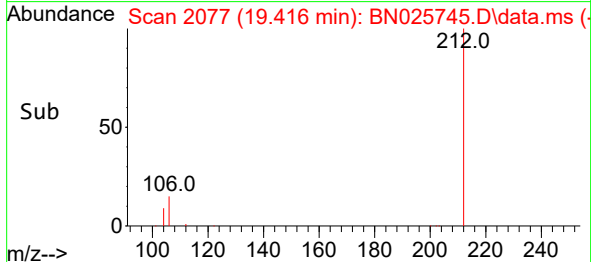
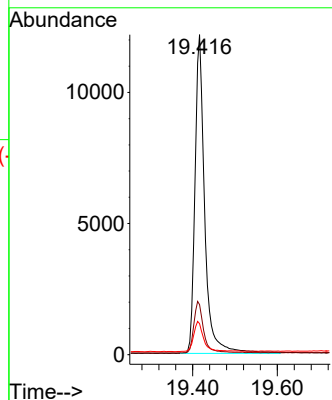
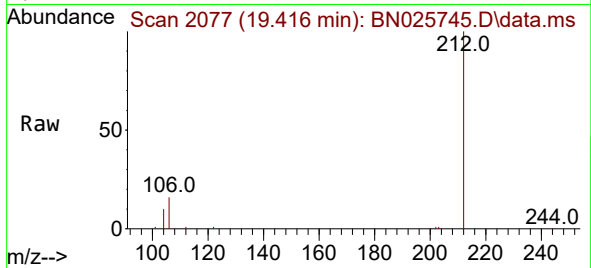




#27
Fluoranthene-d10
Concen: 0.468 ng
RT: 19.416 min Scan# 2076
Delta R.T. 0.005 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

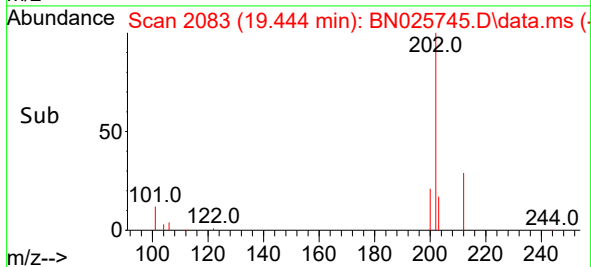
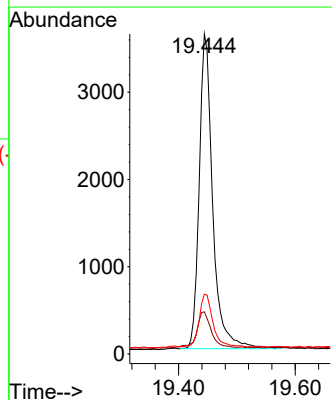
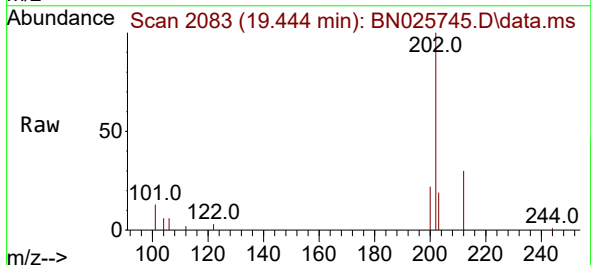
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023

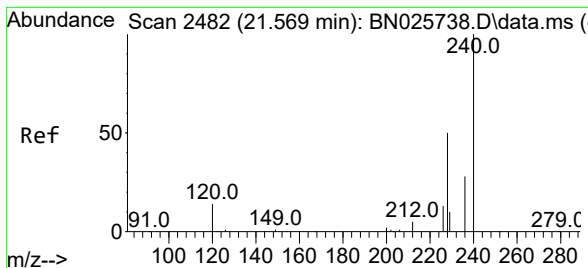
Tgt Ion:212 Resp: 19380
Ion Ratio Lower Upper
212 100
106 16.1 13.0 19.6
104 9.7 7.7 11.5



#28
Fluoranthene
Concen: 0.095 ng
RT: 19.444 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

Tgt Ion:202 Resp: 5813
Ion Ratio Lower Upper
202 100
101 13.2 9.8 14.8
203 17.5 13.4 20.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.569 min Scan# 2482

Delta R.T. -0.000 min

Lab File: BN025745.D

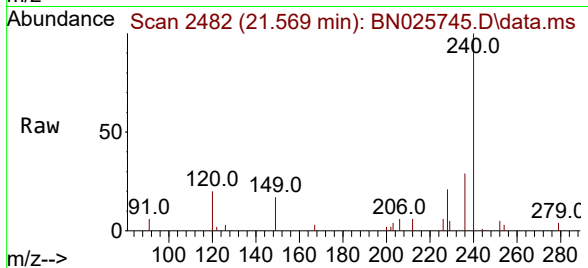
Acq: 31 May 2023 18:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2023



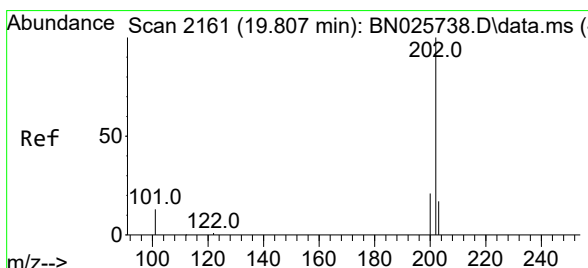
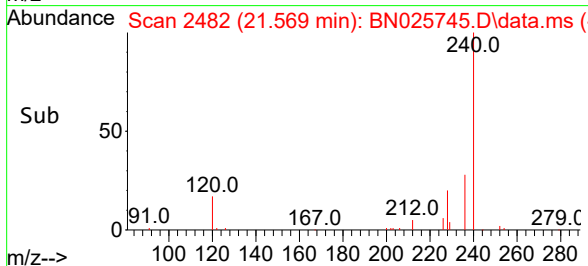
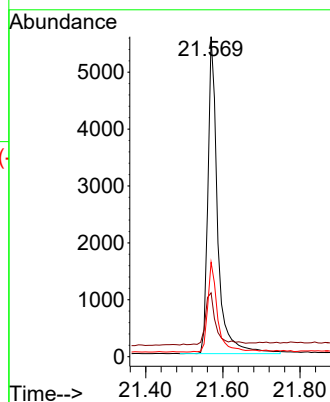
Tgt Ion:240 Resp: 9752

Ion Ratio Lower Upper

240 100

120 20.0 13.2 19.8#

236 29.5 23.1 34.7



#30

Pyrene

Concen: 0.106 ng

RT: 19.811 min Scan# 2162

Delta R.T. 0.005 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

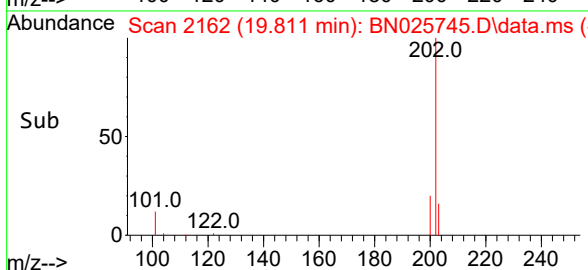
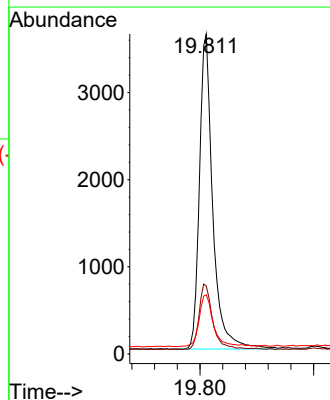
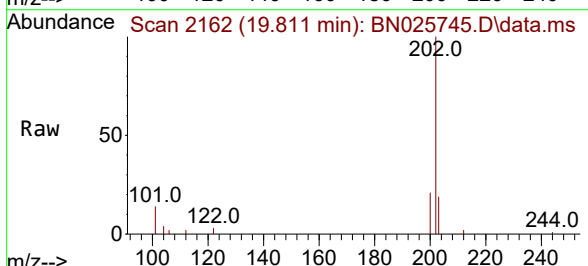
Tgt Ion:202 Resp: 5877

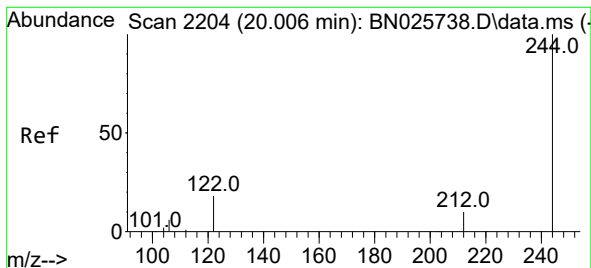
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

203 17.8 14.2 21.2





#31

Terphenyl-d14

Concen: 0.381 ng

RT: 20.002 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2023

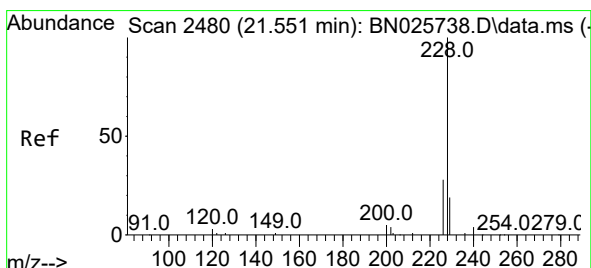
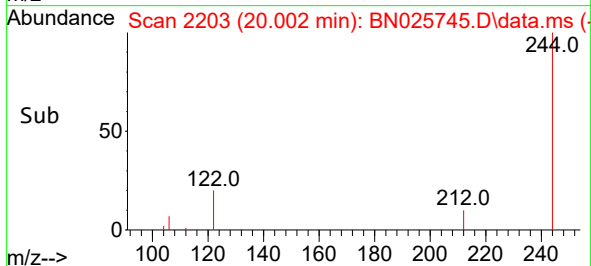
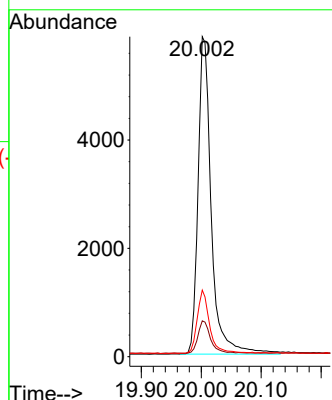
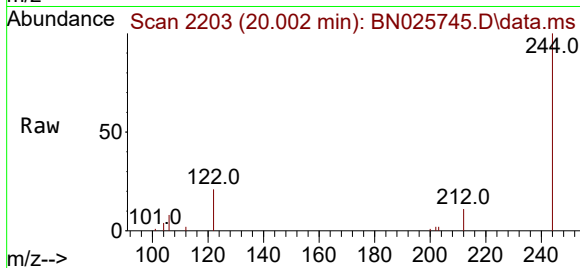
Tgt Ion:244 Resp: 9005

Ion Ratio Lower Upper

244 100

212 11.2 8.6 12.8

122 20.8 15.2 22.8



#32

Benzo(a)anthracene

Concen: 0.093 ng

RT: 21.560 min Scan# 2481

Delta R.T. 0.009 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

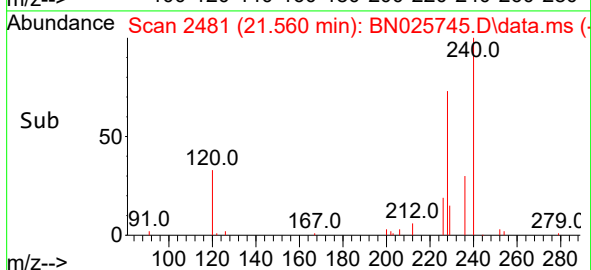
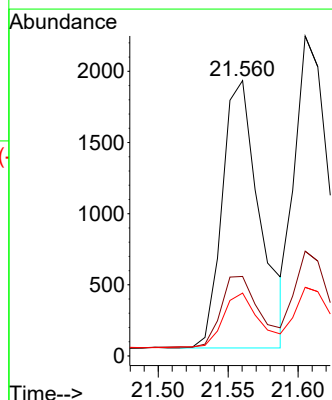
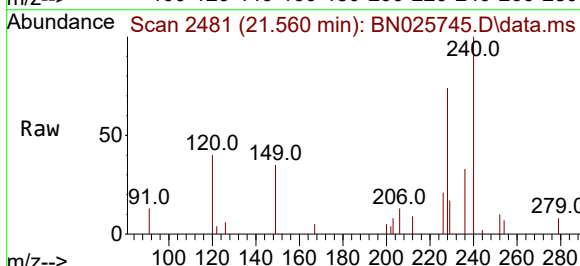
Tgt Ion:228 Resp: 3510

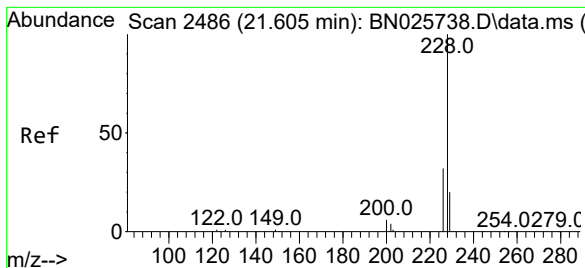
Ion Ratio Lower Upper

228 100

226 28.9 22.9 34.3

229 22.9 15.6 23.4





#33

Chrysene

Concen: 0.099 ng

RT: 21.605 min Scan# 2486

Delta R.T. -0.000 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

Instrument :

BNA_N

ClientSampleId :

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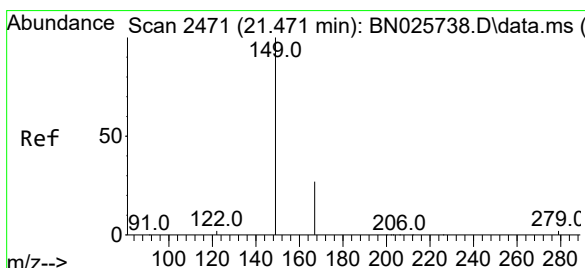
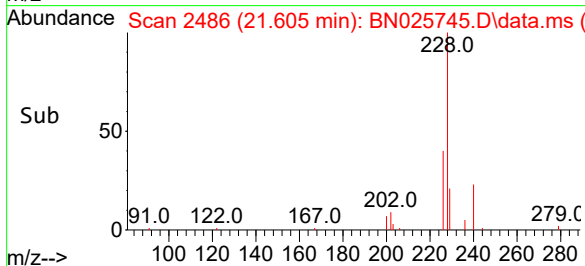
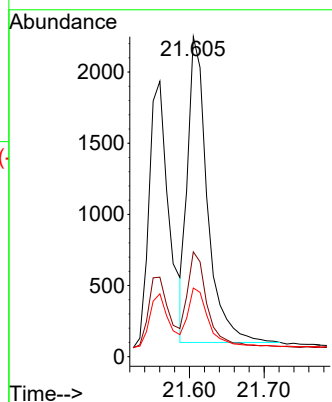
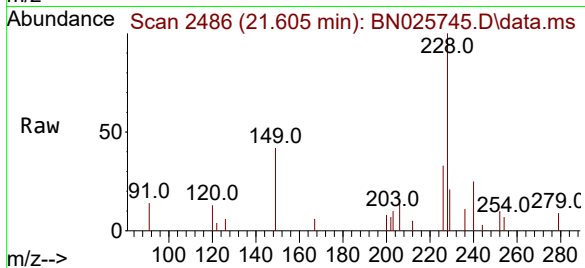
Tgt Ion:228 Resp: 3947

Ion Ratio Lower Upper

228 100

226 32.7 25.4 38.2

229 21.5 16.1 24.1



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.107 ng

RT: 21.462 min Scan# 2470

Delta R.T. -0.009 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

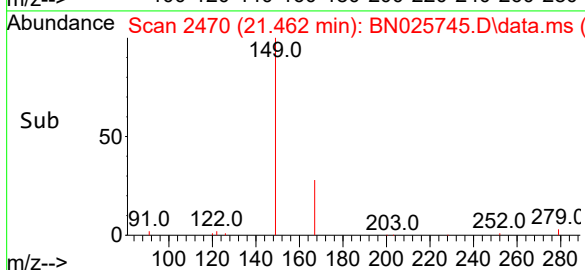
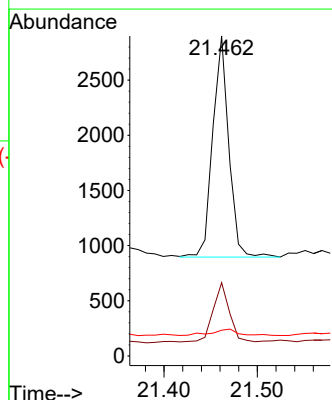
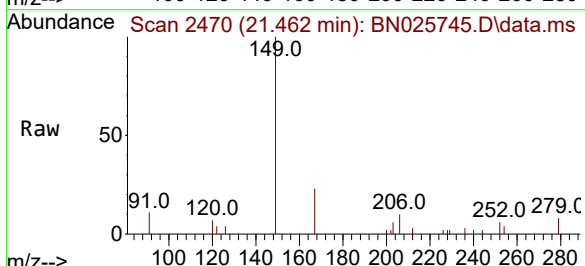
Tgt Ion:149 Resp: 2389

Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.6

279 4.7 2.2 3.4#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.043 min Scan# 31

Delta R.T. -0.009 min

Lab File: BN025745.D

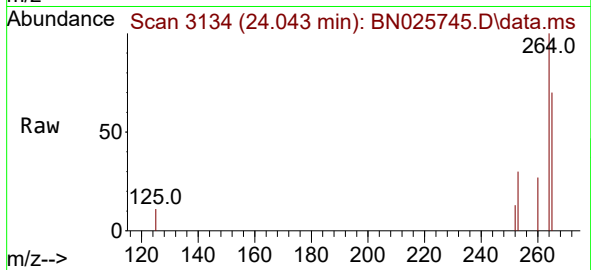
Acq: 31 May 2023 18:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2023



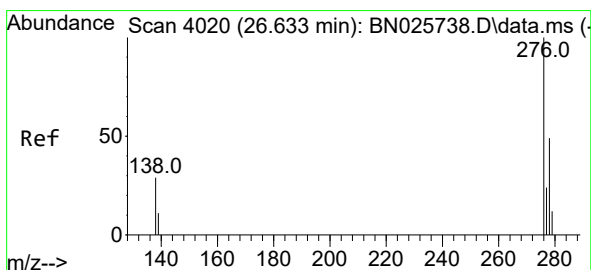
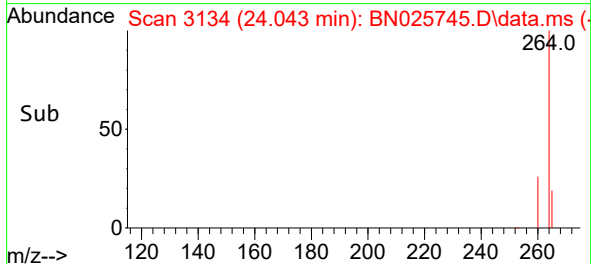
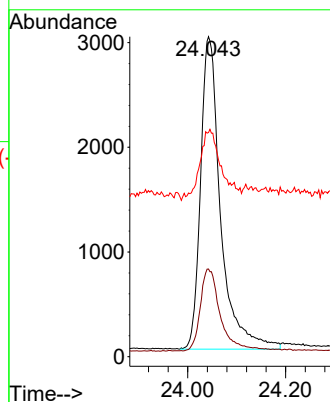
Tgt Ion:264 Resp: 8475

Ion Ratio Lower Upper

264 100

260 27.4 21.4 32.2

265 70.0 44.7 67.1#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.090 ng

RT: 26.642 min Scan# 4023

Delta R.T. 0.009 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

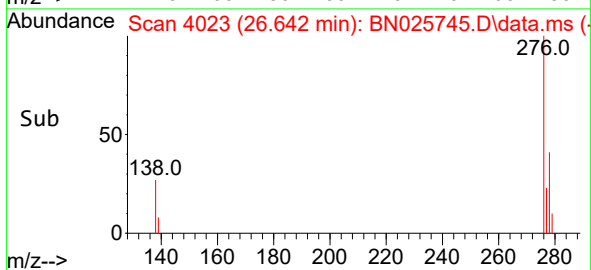
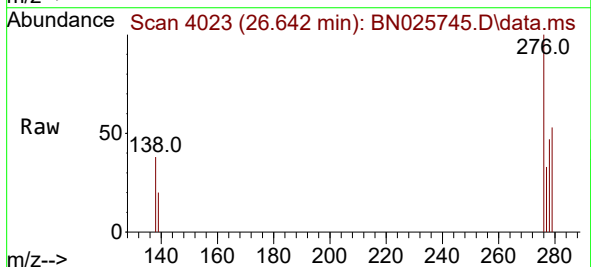
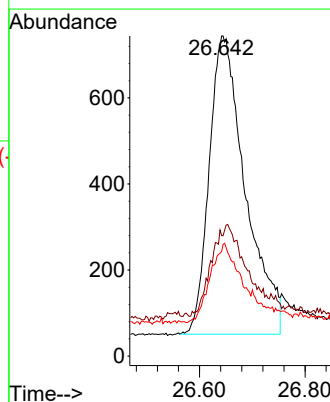
Tgt Ion:276 Resp: 3311

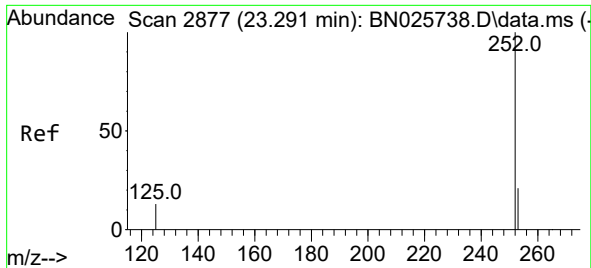
Ion Ratio Lower Upper

276 100

138 29.6 26.1 39.1

277 21.1 19.4 29.2

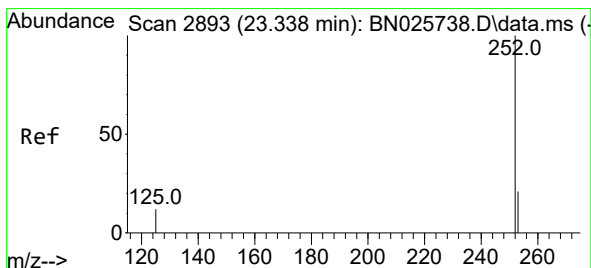
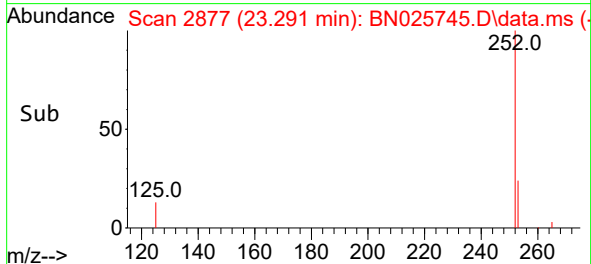
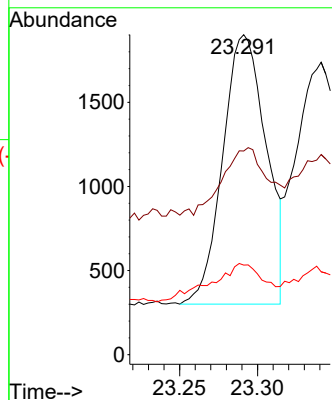
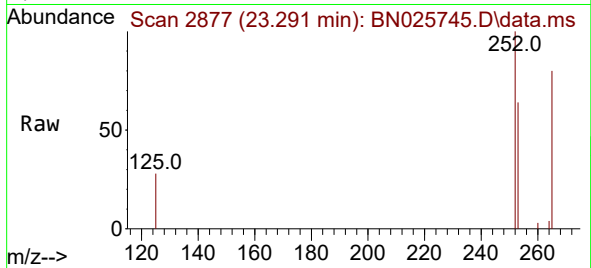




#37
Benzo(b)fluoranthene
Concen: 0.093 ng
RT: 23.291 min Scan# 2877
Delta R.T. -0.000 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

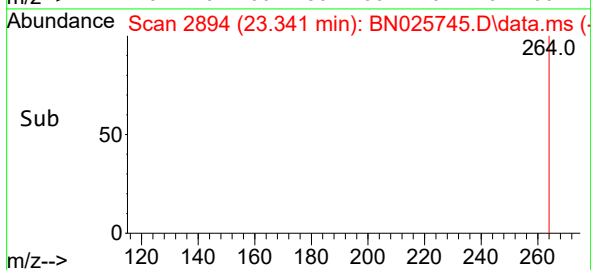
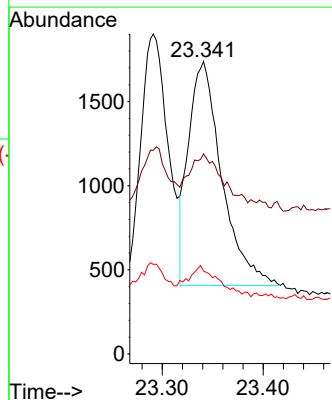
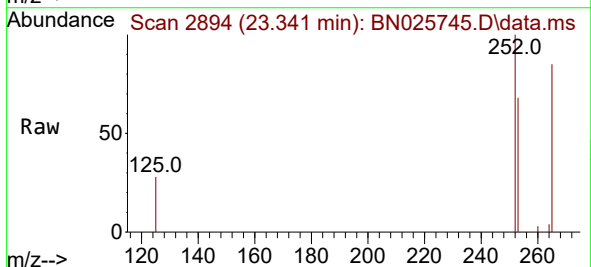
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023

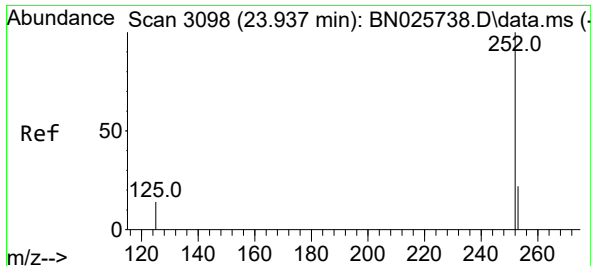
Tgt Ion:252 Resp: 3110
Ion Ratio Lower Upper
252 100
253 63.7 23.4 35.0#
125 28.0 12.3 18.5#



#38
Benzo(k)fluoranthene
Concen: 0.090 ng
RT: 23.341 min Scan# 2894
Delta R.T. 0.003 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

Tgt Ion:252 Resp: 3058
Ion Ratio Lower Upper
252 100
253 68.5 24.2 36.4#
125 28.4 12.2 18.2#





#39

Benzo(a)pyrene

Concen: 0.083 ng

RT: 23.937 min Scan# 3098

Delta R.T. -0.000 min

Lab File: BN025745.D

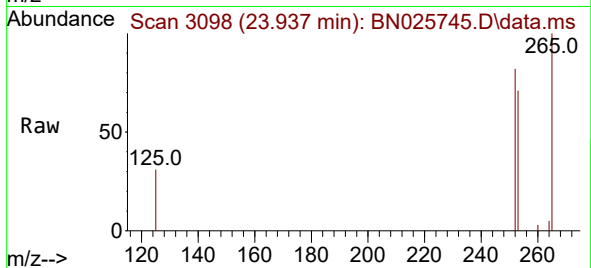
Acq: 31 May 2023 18:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2023



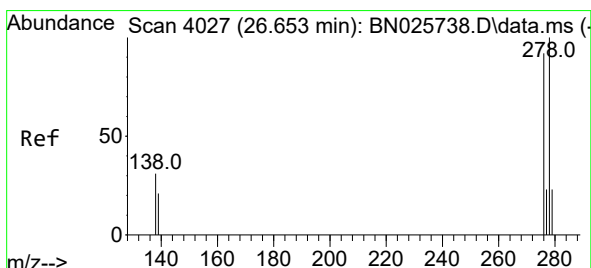
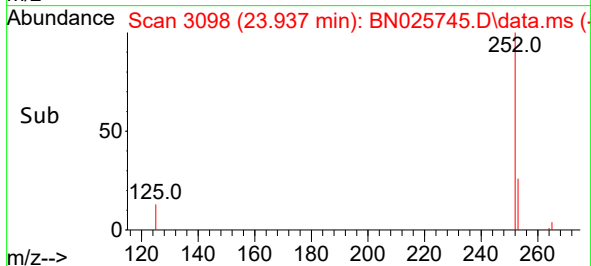
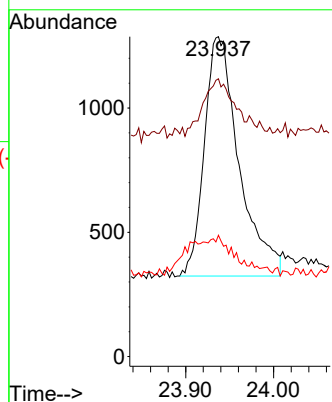
Tgt Ion:252 Resp: 2640

Ion Ratio Lower Upper

252 100

253 86.9 27.5 41.3#

125 37.9 14.6 21.8#



#40

Dibenzo(a,h)anthracene

Concen: 0.089 ng

RT: 26.668 min Scan# 4032

Delta R.T. 0.015 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

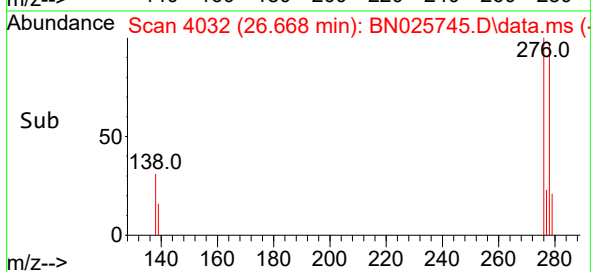
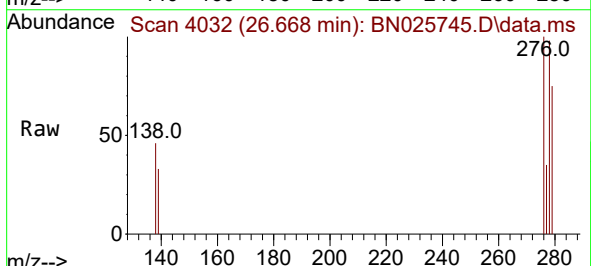
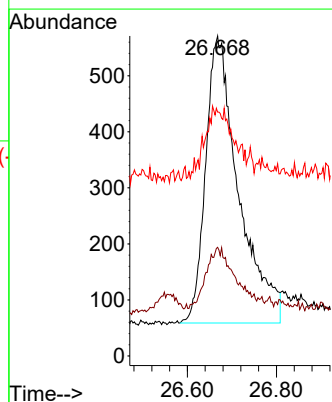
Tgt Ion:278 Resp: 2626

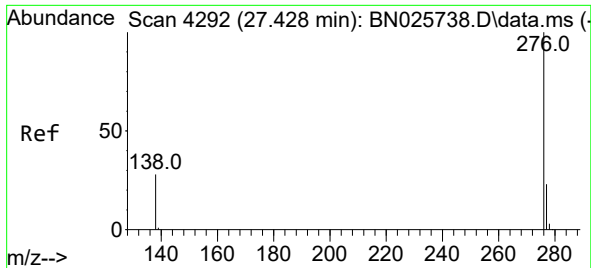
Ion Ratio Lower Upper

278 100

139 34.0 18.7 28.1#

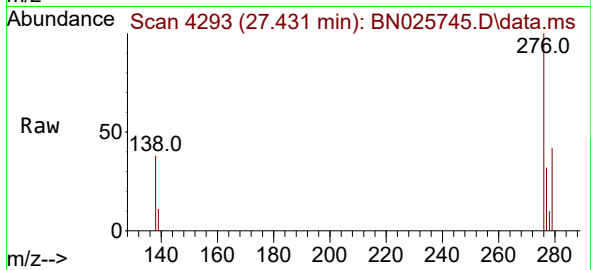
279 76.2 25.1 37.7#





#41
Benzo(g,h,i)perylene
Concen: 0.099 ng
RT: 27.431 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

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



Tgt Ion:276 Resp: 3265
Ion Ratio Lower Upper
276 100
277 32.1 20.2 30.2#
138 37.6 24.2 36.4#

