

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
 Data File : BN023686.D
 Acq On : 17 Jan 2023 17:35
 Operator : CG/JU
 Sample : N3980-01
 Misc : LOD-MDL-SOIL 0.1ng
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Quant Time: Jan 18 05:44:41 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 05:42:43 2023
 Response via : Initial Calibration

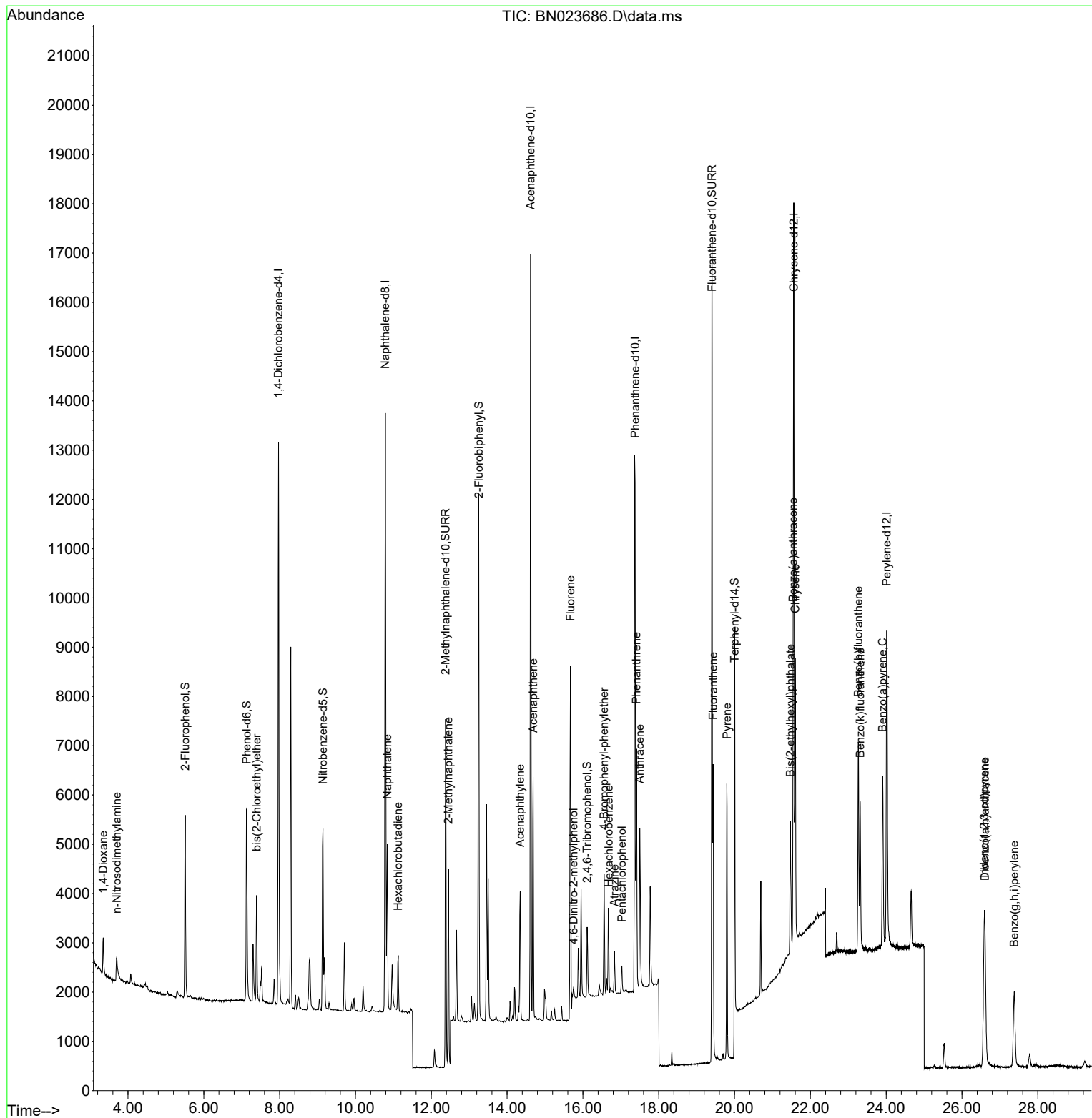
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	5415	0.400	ng	0.00
7) Naphthalene-d8	10.786	136	15518	0.400	ng	#-0.01
13) Acenaphthene-d10	14.624	164	8179	0.400	ng	-0.01
19) Phenanthrene-d10	17.377	188	16907	0.400	ng	# 0.00
29) Chrysene-d12	21.562	240	12536	0.400	ng	-0.01
35) Perylene-d12	24.015	264	9762	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.507	112	3020	0.281	ng	0.00
5) Phenol-d6	7.132	99	3832	0.277	ng	0.00
8) Nitrobenzene-d5	9.142	82	3246	0.278	ng	0.00
11) 2-Methylnaphthalene-d10	12.378	152	9477	0.443	ng	-0.01
14) 2,4,6-Tribromophenol	16.111	330	863	0.244	ng	-0.01
15) 2-Fluorobiphenyl	13.255	172	9744	0.295	ng	0.00
27) Fluoranthene-d10	19.406	212	17914	0.433	ng	0.00
31) Terphenyl-d14	20.000	244	9122	0.287	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.348	88	526	0.108	ng	99
3) n-Nitrosodimethylamine	3.702	42	473	0.087	ng	# 96
6) bis(2-Chloroethyl)ether	7.392	93	1616	0.111	ng	99
9) Naphthalene	10.840	128	4296	0.105	ng	98
10) Hexachlorobutadiene	11.128	225	907	0.109	ng	# 99
12) 2-Methylnaphthalene	12.454	142	3276	0.111	ng	98
16) Acenaphthylene	14.346	152	3031	0.092	ng	99
17) Acenaphthene	14.688	154	2371	0.098	ng	97
18) Fluorene	15.671	166	3112	0.096	ng	100
20) 4,6-Dinitro-2-methylph...	15.751	198	136	0.074	ng	# 1
21) 4-Bromophenyl-phenylether	16.558	248	945	0.098	ng	# 90
22) Hexachlorobenzene	16.682	284	1329	0.110	ng	99
23) Atrazine	16.831	200	640	0.096	ng	# 94
24) Pentachlorophenol	17.030	266	353	0.085	ng	98
25) Phenanthrene	17.414	178	4923	0.099	ng	99
26) Anthracene	17.501	178	3757	0.095	ng	99
28) Fluoranthene	19.435	202	5143	0.092	ng	98
30) Pyrene	19.798	202	4981	0.104	ng	100
32) Benzo(a)anthracene	21.545	228	3947	0.097	ng	98
33) Chrysene	21.598	228	4830	0.108	ng	97
34) Bis(2-ethylhexyl)phtha...	21.473	149	2355	0.124	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.585	276	4450	0.102	ng	94
37) Benzo(b)fluoranthene	23.264	252	4752	0.114	ng	# 68
38) Benzo(k)fluoranthene	23.314	252	4177	0.103	ng	# 79
39) Benzo(a)pyrene	23.907	252	3953	0.126	ng	# 35
40) Dibenzo(a,h)anthracene	26.606	278	3502	0.100	ng	# 84
41) Benzo(g,h,i)perylene	27.378	276	3501	0.098	ng	92

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

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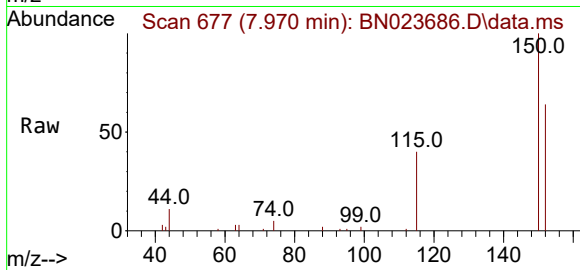
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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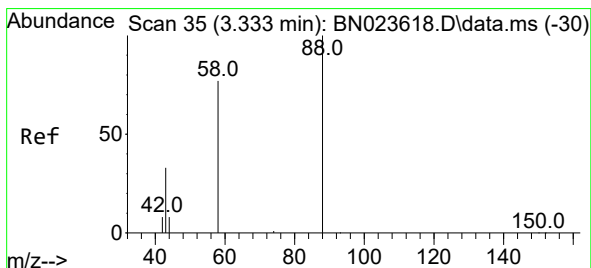
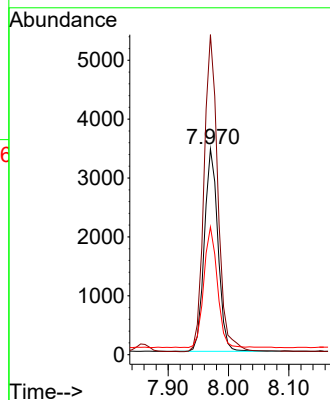
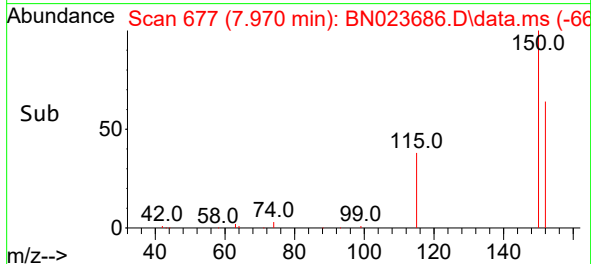


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.970 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN023686.D
Acq: 17 Jan 2023 17:35

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

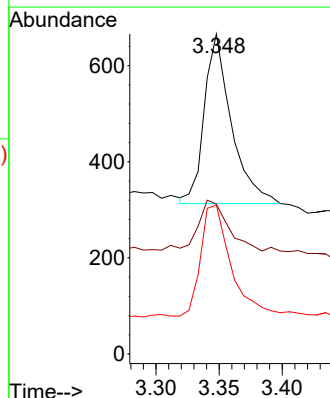
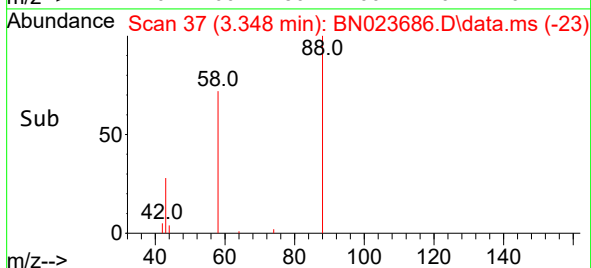
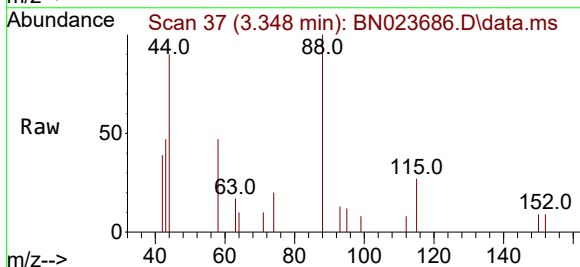


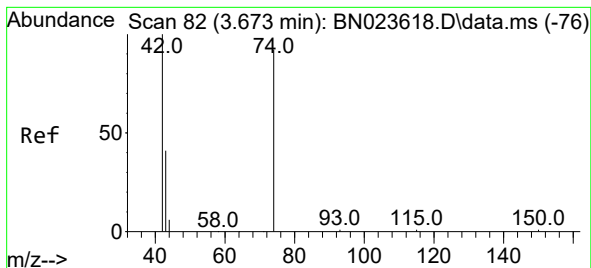
Tgt Ion:152 Resp: 5415
Ion Ratio Lower Upper
152 100
150 155.5 123.8 185.8
115 62.0 50.6 75.8



#2
1,4-Dioxane
Concen: 0.108 ng
RT: 3.348 min Scan# 37
Delta R.T. 0.000 min
Lab File: BN023686.D
Acq: 17 Jan 2023 17:35

Tgt Ion: 88 Resp: 526
Ion Ratio Lower Upper
88 100
43 34.2 26.2 39.2
58 75.9 60.6 90.8





#3

n-Nitrosodimethylamine

Concen: 0.087 ng

RT: 3.702 min Scan# 80

Delta R.T. 0.007 min

Lab File: BN023686.D

Acq: 17 Jan 2023 17:35

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

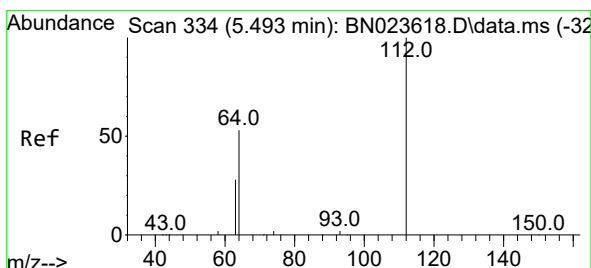
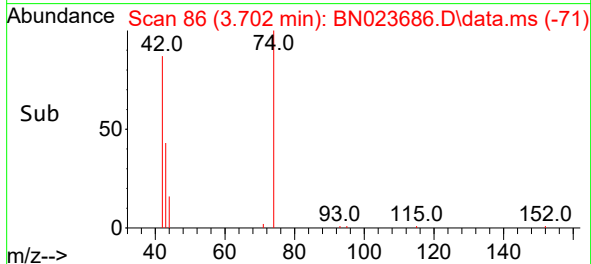
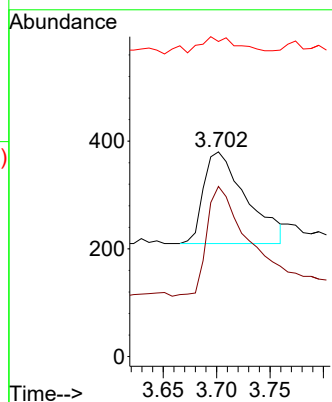
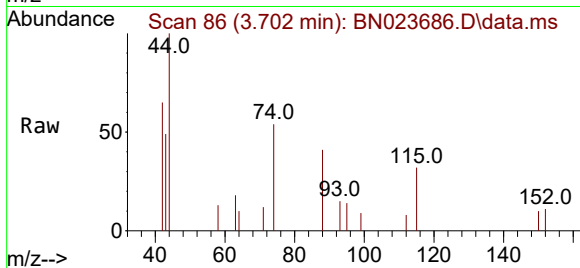
Tgt Ion: 42 Resp: 473

Ion Ratio Lower Upper

42 100

74 118.6 92.1 138.1

44 15.0 5.4 8.0#



#4

2-Fluorophenol

Concen: 0.281 ng

RT: 5.507 min Scan# 336

Delta R.T. -0.007 min

Lab File: BN023686.D

Acq: 17 Jan 2023 17:35

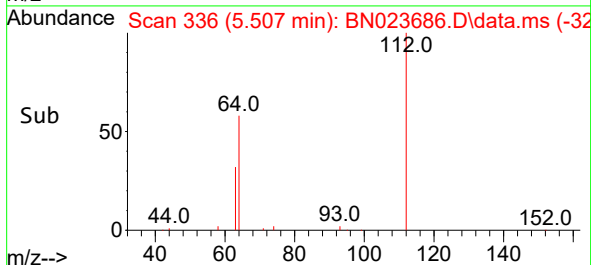
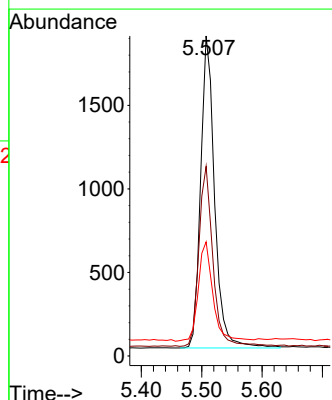
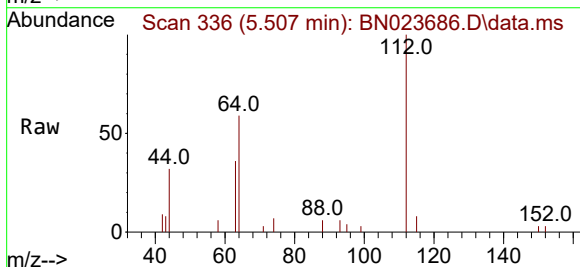
Tgt Ion: 112 Resp: 3020

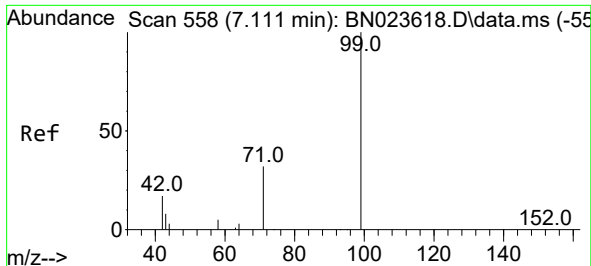
Ion Ratio Lower Upper

112 100

64 57.5 44.9 67.3

63 33.0 24.9 37.3

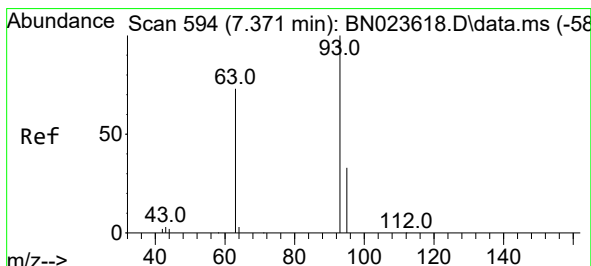
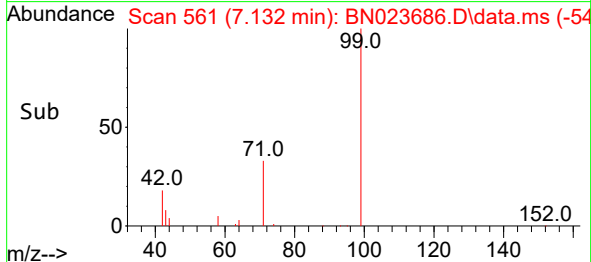
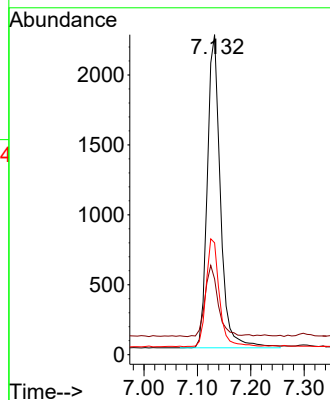
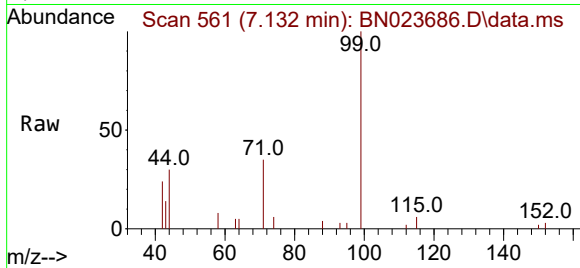




#5
Phenol-d6
Concen: 0.277 ng
RT: 7.132 min Scan# 50
Delta R.T. -0.007 min
Lab File: BN023686.D
Acq: 17 Jan 2023 17:35

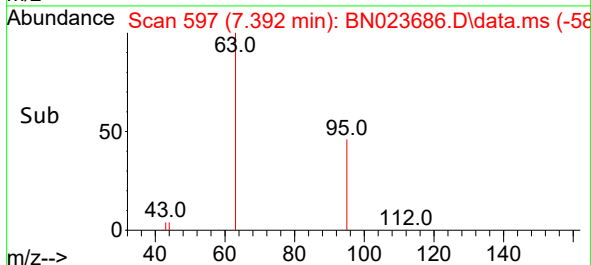
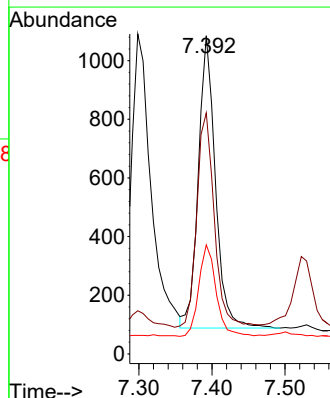
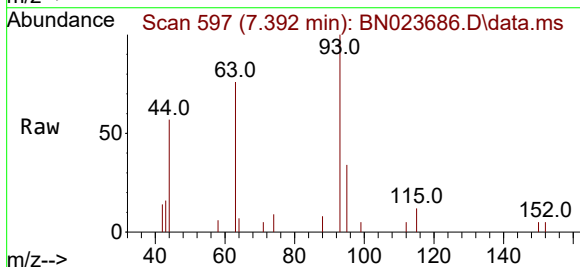
Instrument :
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LOD-MDL-SOIL-01-QT3-2022

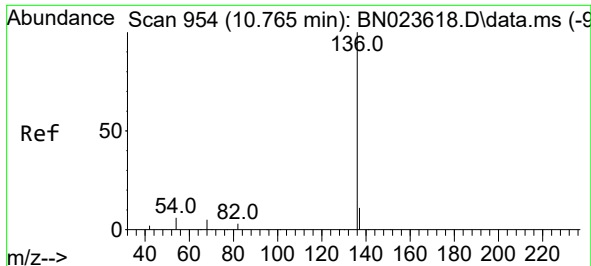
Tgt Ion: 99 Resp: 3832
Ion Ratio Lower Upper
99 100
42 22.6 18.8 28.2
71 34.8 28.2 42.4



#6
bis(2-Chloroethyl)ether
Concen: 0.111 ng
RT: 7.392 min Scan# 597
Delta R.T. -0.007 min
Lab File: BN023686.D
Acq: 17 Jan 2023 17:35

Tgt Ion: 93 Resp: 1616
Ion Ratio Lower Upper
93 100
63 75.4 59.6 89.4
95 31.7 25.3 37.9

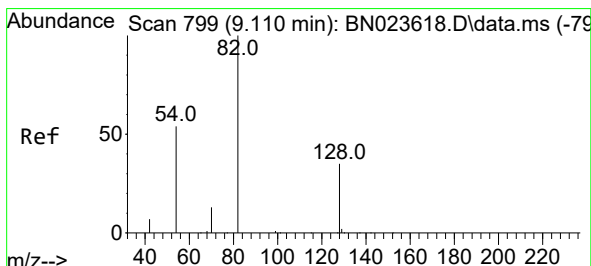
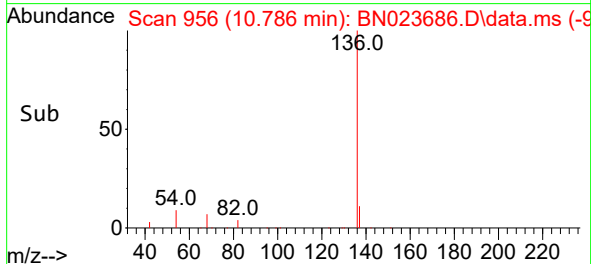
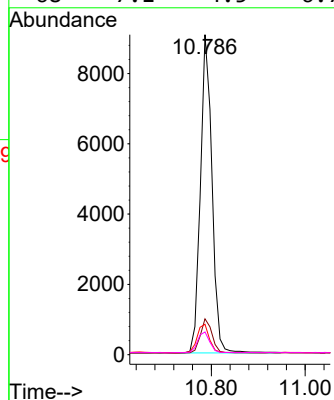
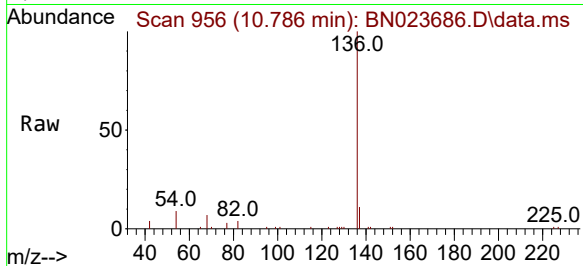




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.786 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN023686.D
Acq: 17 Jan 2023 17:35

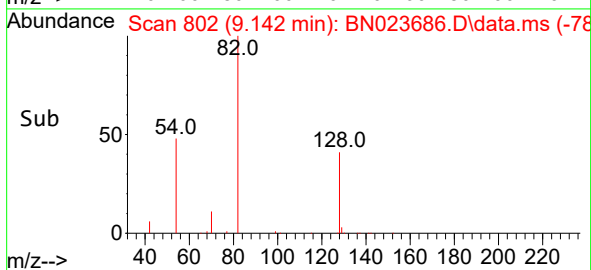
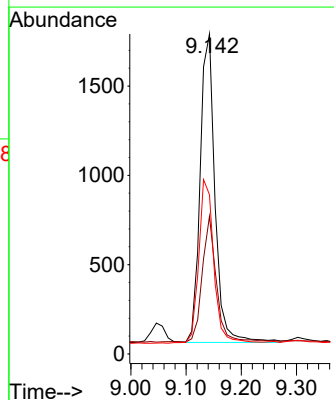
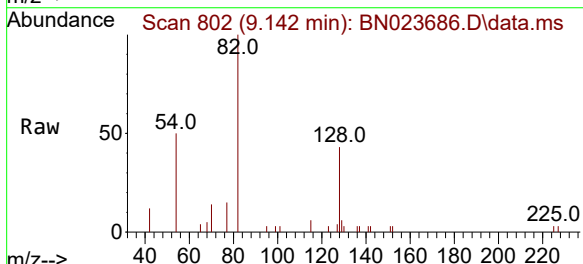
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

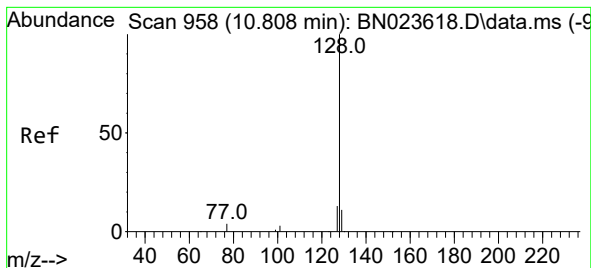
Tgt Ion:	136	Resp:	15518
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	9.5	5.7	8.5#
68	7.1	4.5	6.7#



#8
Nitrobenzene-d5
Concen: 0.278 ng
RT: 9.142 min Scan# 802
Delta R.T. 0.000 min
Lab File: BN023686.D
Acq: 17 Jan 2023 17:35

Tgt Ion:	82	Resp:	3246
Ion	Ratio	Lower	Upper
82	100		
128	43.0	29.8	44.8
54	49.7	43.9	65.9





#9

Naphthalene

Concen: 0.105 ng

RT: 10.840 min Scan# 9

Delta R.T. -0.011 min

Lab File: BN023686.D

Acq: 17 Jan 2023 17:35

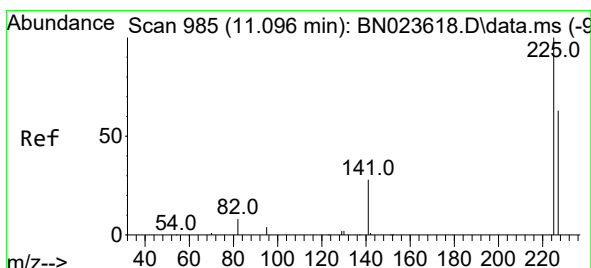
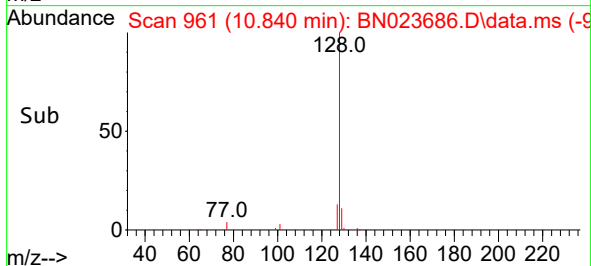
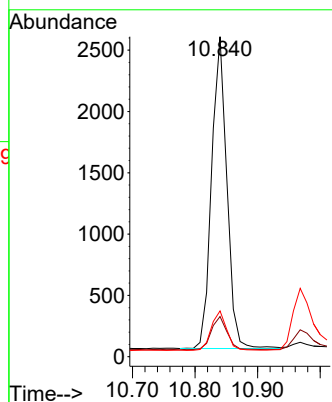
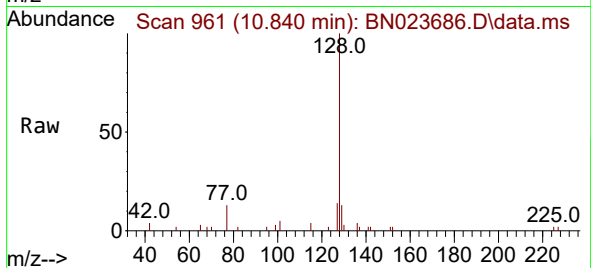
Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:128	Resp:	4296
Ion	Ratio	Lower Upper
128	100	
129	12.6	9.2 13.8
127	14.3	11.0 16.4



#10

Hexachlorobutadiene

Concen: 0.109 ng

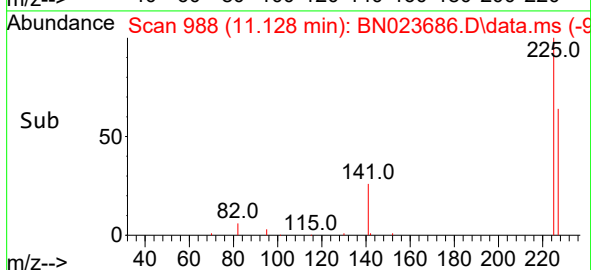
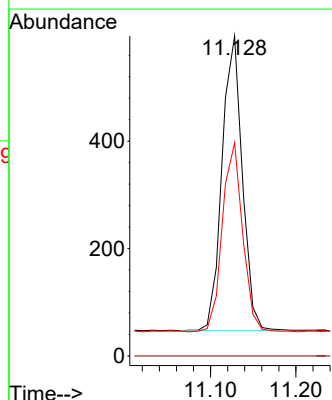
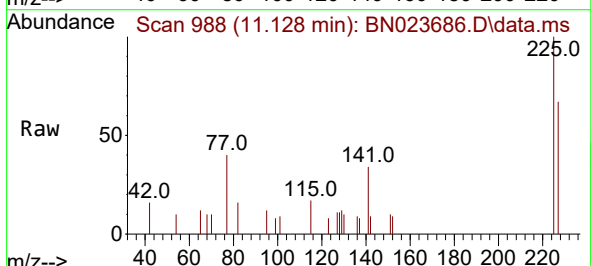
RT: 11.128 min Scan# 988

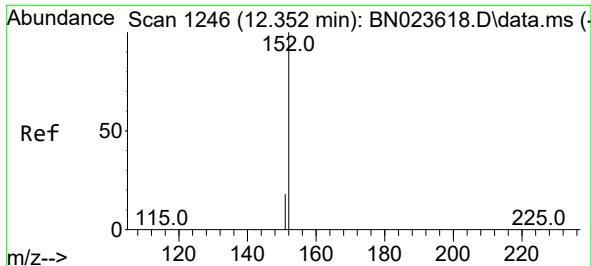
Delta R.T. -0.011 min

Lab File: BN023686.D

Acq: 17 Jan 2023 17:35

Tgt Ion:225	Resp:	907
Ion	Ratio	Lower Upper
225	100	
223	0.0	0.0 0.0
227	63.9	51.8 77.6

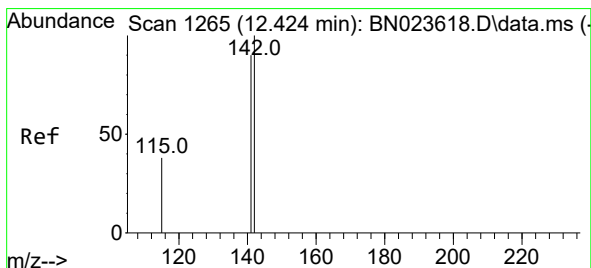
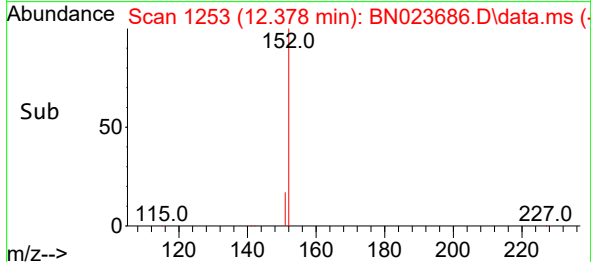
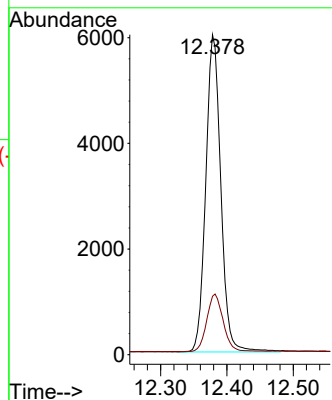
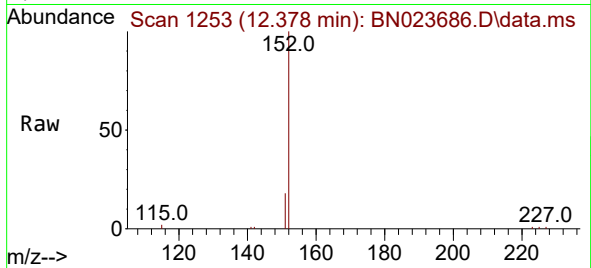




#11
2-Methylnaphthalene-d10
Concen: 0.443 ng
RT: 12.378 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN023686.D
Acq: 17 Jan 2023 17:35

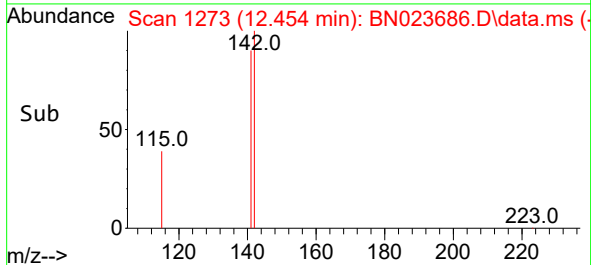
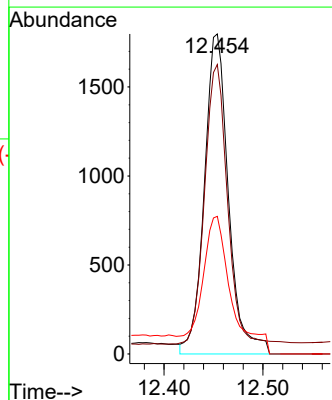
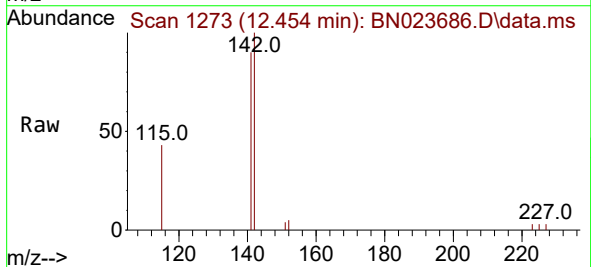
Instrument :
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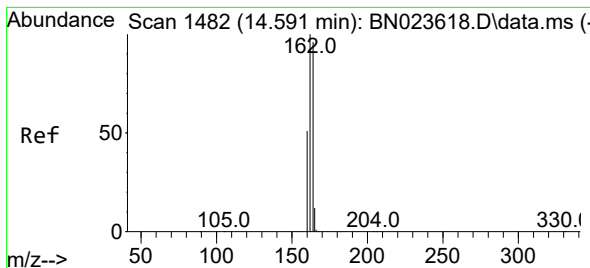
Tgt Ion:152 Resp: 9477
Ion Ratio Lower Upper
152 100
151 19.9 16.9 25.3



#12
2-Methylnaphthalene
Concen: 0.111 ng
RT: 12.454 min Scan# 1273
Delta R.T. -0.008 min
Lab File: BN023686.D
Acq: 17 Jan 2023 17:35

Tgt Ion:142 Resp: 3276
Ion Ratio Lower Upper
142 100
141 90.4 72.0 108.0
115 43.0 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.624 min Scan# 1485

Delta R.T. -0.011 min

Lab File: BN023686.D

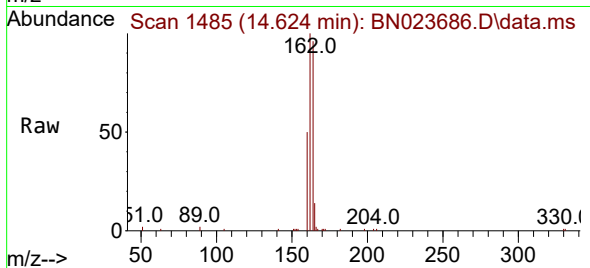
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Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



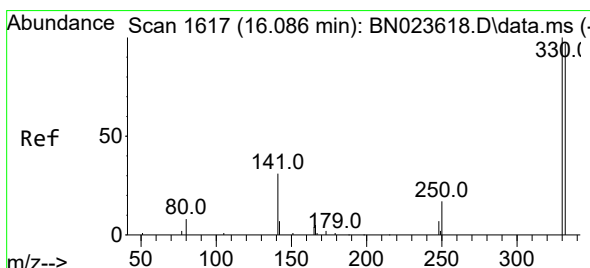
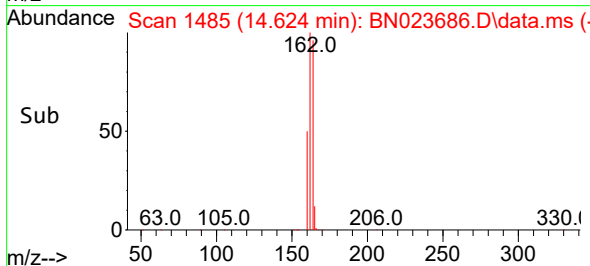
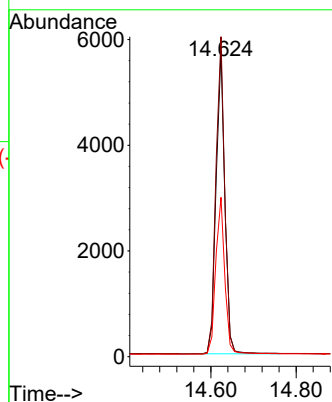
Tgt Ion:164 Resp: 8179

Ion Ratio Lower Upper

164 100

162 104.5 83.4 125.2

160 52.1 42.7 64.1



#14

2,4,6-Tribromophenol

Concen: 0.244 ng

RT: 16.111 min Scan# 1619

Delta R.T. -0.012 min

Lab File: BN023686.D

Acq: 17 Jan 2023 17:35

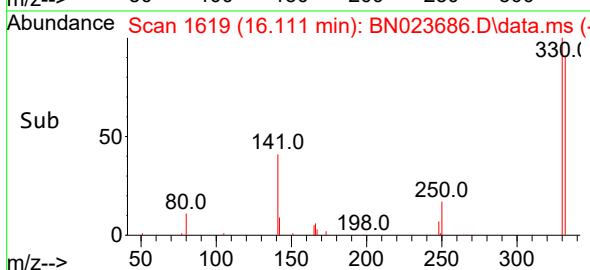
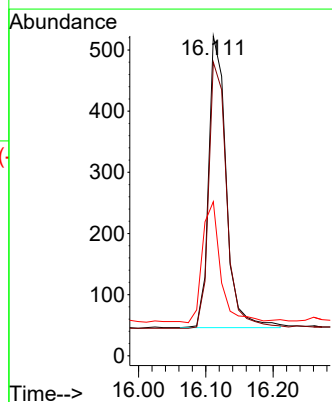
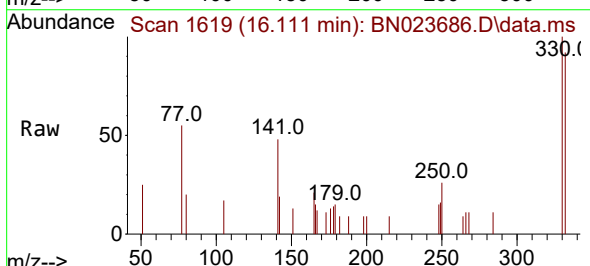
Tgt Ion:330 Resp: 863

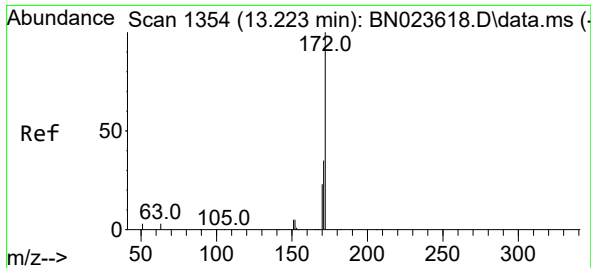
Ion Ratio Lower Upper

330 100

332 93.6 78.1 117.1

141 41.5 33.4 50.0

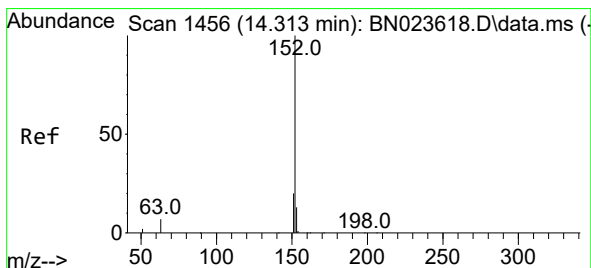
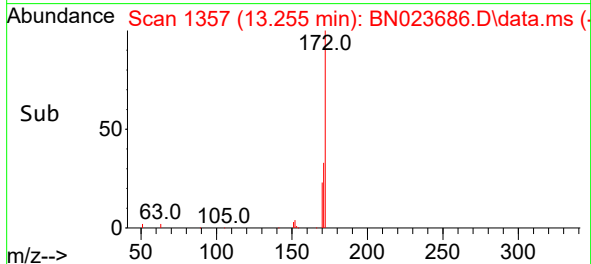
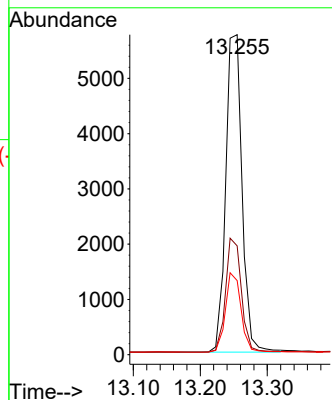
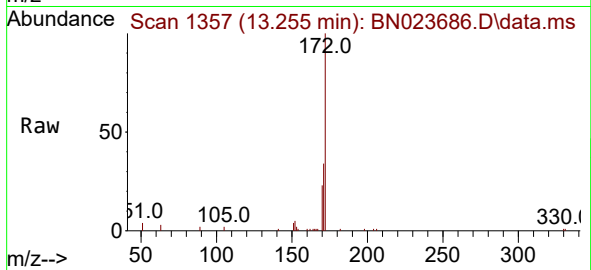




#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 13.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN023686.D
Acq: 17 Jan 2023 17:35

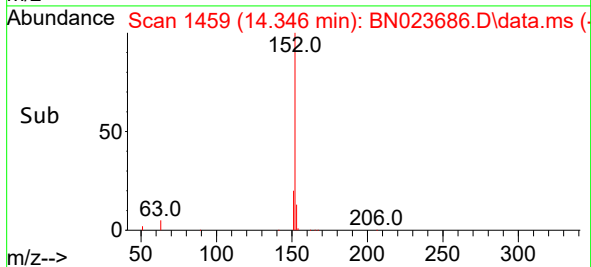
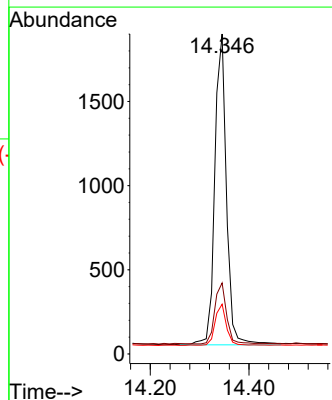
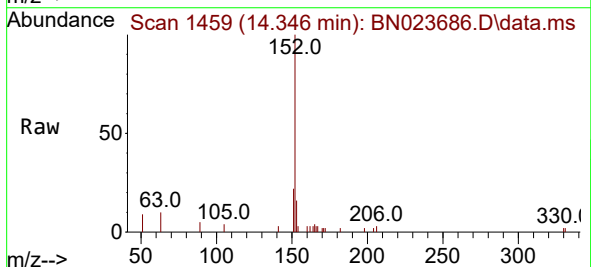
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

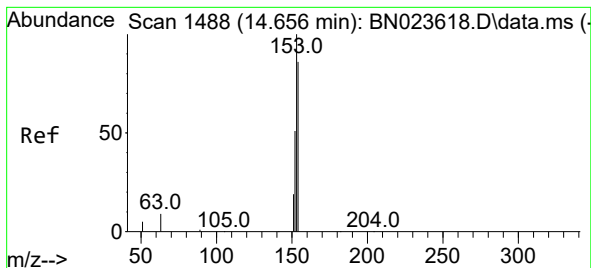
Tgt Ion:172 Resp: 9744
Ion Ratio Lower Upper
172 100
171 34.0 28.0 42.0
170 23.1 19.0 28.4



#16
Acenaphthylene
Concen: 0.092 ng
RT: 14.346 min Scan# 1459
Delta R.T. -0.011 min
Lab File: BN023686.D
Acq: 17 Jan 2023 17:35

Tgt Ion:152 Resp: 3031
Ion Ratio Lower Upper
152 100
151 20.1 15.6 23.4
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.098 ng

RT: 14.688 min Scan# 1491

Delta R.T. -0.011 min

Lab File: BN023686.D

Acq: 17 Jan 2023 17:35

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

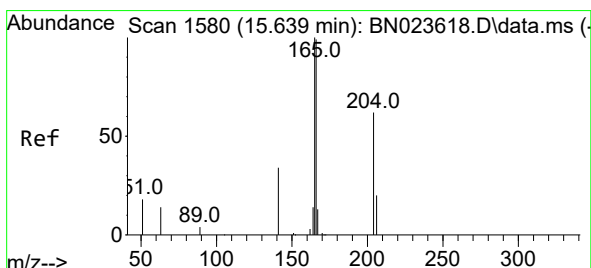
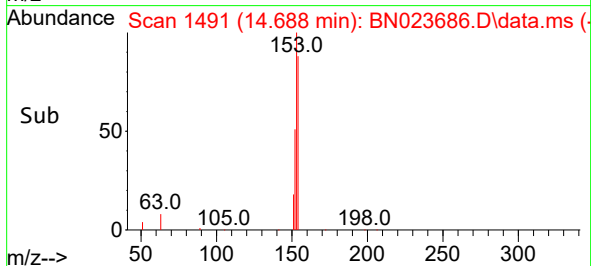
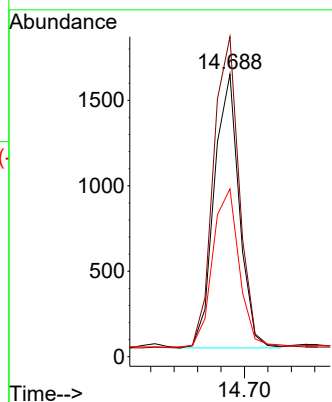
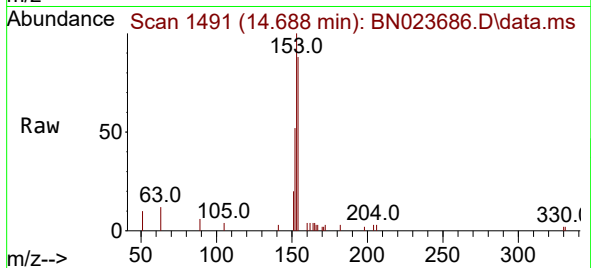
Tgt Ion:154 Resp: 2371

Ion Ratio Lower Upper

154 100

153 117.8 92.4 138.6

152 63.0 48.2 72.2



#18

Fluorene

Concen: 0.096 ng

RT: 15.671 min Scan# 1583

Delta R.T. -0.011 min

Lab File: BN023686.D

Acq: 17 Jan 2023 17:35

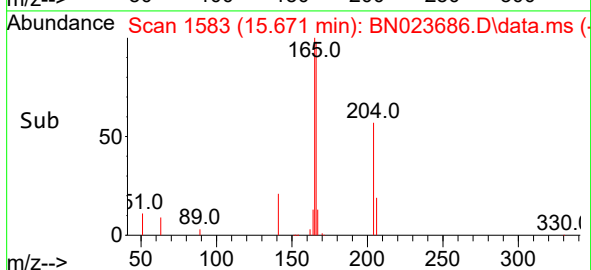
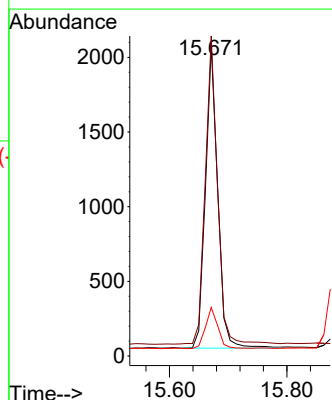
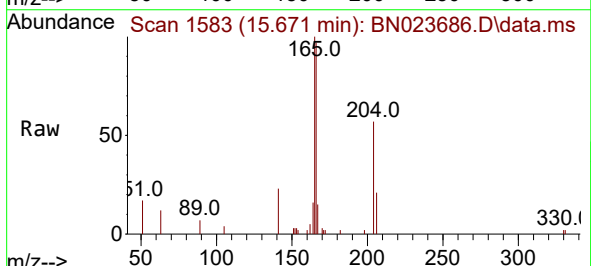
Tgt Ion:166 Resp: 3112

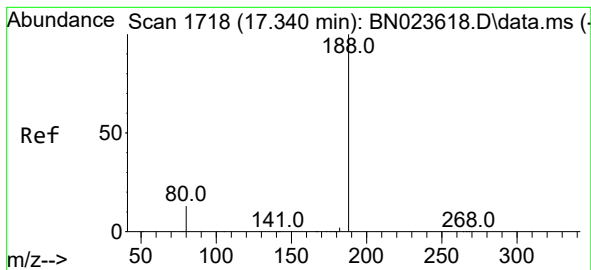
Ion Ratio Lower Upper

166 100

165 100.1 80.4 120.6

167 13.3 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.377 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN023686.D

Acq: 17 Jan 2023 17:35

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

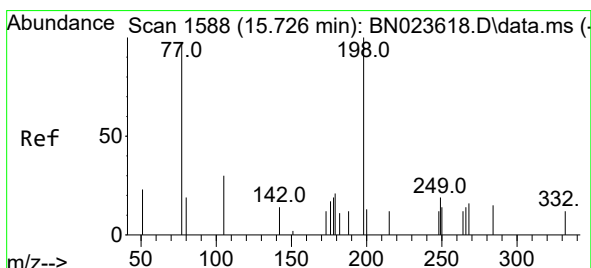
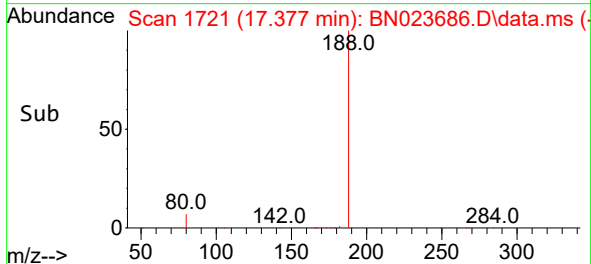
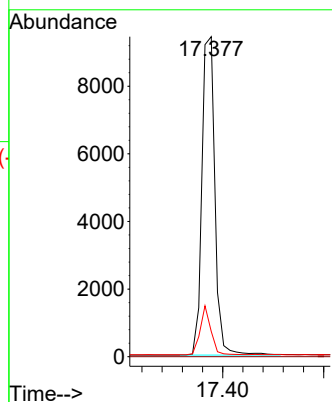
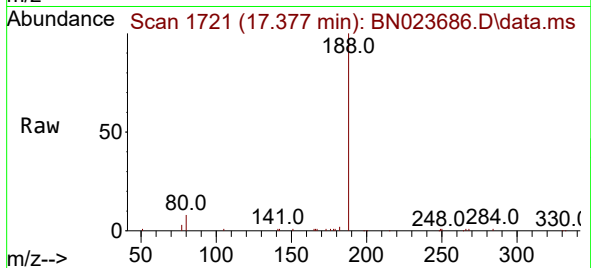
Tgt Ion:188 Resp: 16907

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.9 11.0 16.4#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.074 ng

RT: 15.751 min Scan# 1590

Delta R.T. -0.012 min

Lab File: BN023686.D

Acq: 17 Jan 2023 17:35

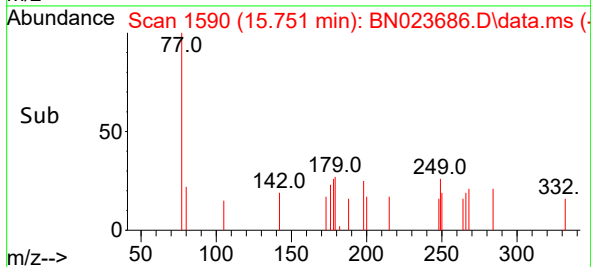
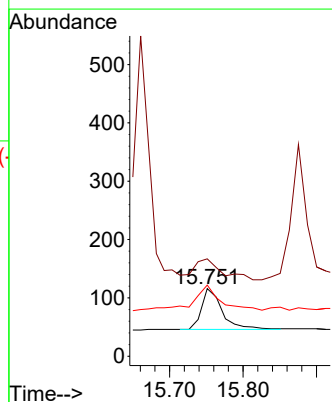
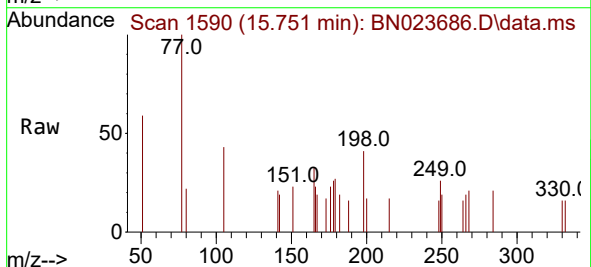
Tgt Ion:198 Resp: 136

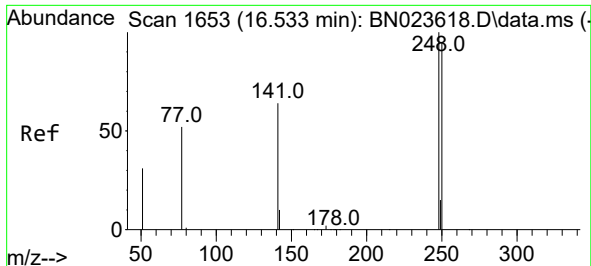
Ion Ratio Lower Upper

198 100

51 144.0 44.9 67.3#

105 105.2 37.0 55.4#

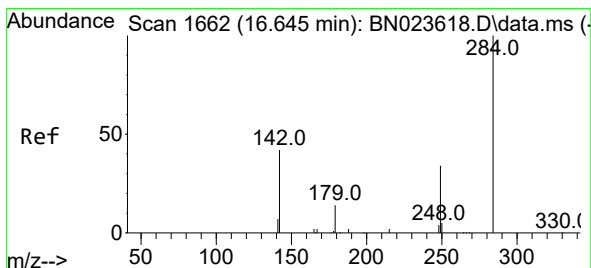
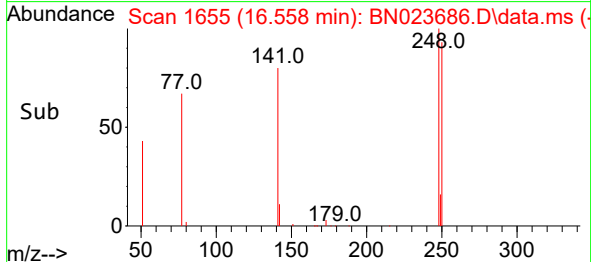
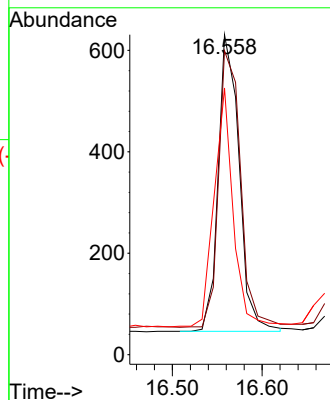
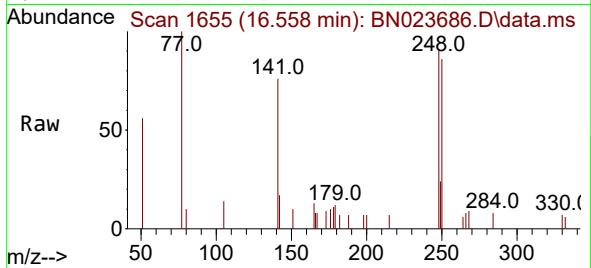




#21
4-Bromophenyl-phenylether
Concen: 0.098 ng
RT: 16.558 min Scan# 1655
Delta R.T. -0.012 min
Lab File: BN023686.D
Acq: 17 Jan 2023 17:35

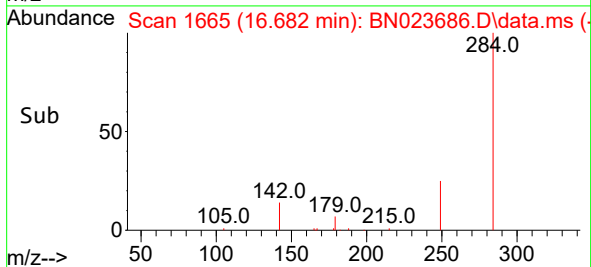
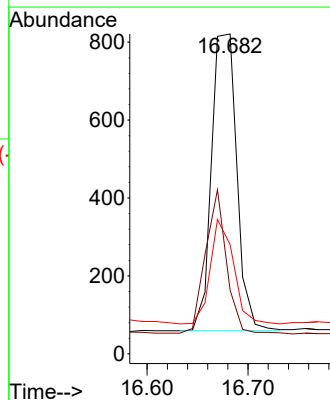
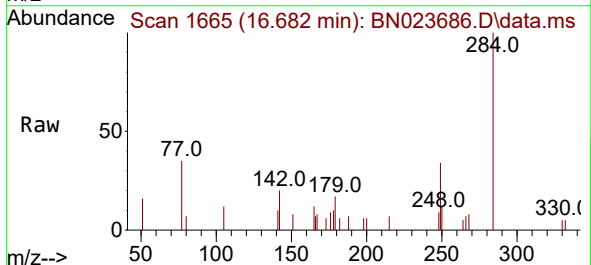
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

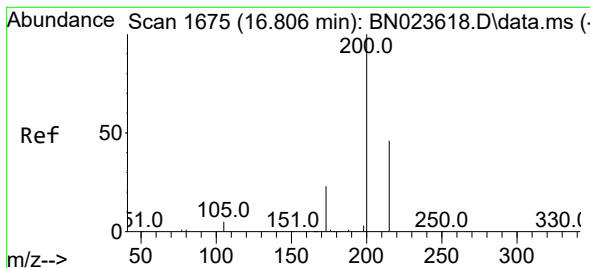
Tgt Ion:248 Resp: 945
Ion Ratio Lower Upper
248 100
250 94.9 76.6 114.8
141 83.4 52.3 78.5#



#22
Hexachlorobenzene
Concen: 0.110 ng
RT: 16.682 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BN023686.D
Acq: 17 Jan 2023 17:35

Tgt Ion:284 Resp: 1329
Ion Ratio Lower Upper
284 100
142 39.7 31.4 47.2
249 32.1 24.9 37.3





#23

Atrazine

Concen: 0.096 ng

RT: 16.831 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BN023686.D

Acq: 17 Jan 2023 17:35

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

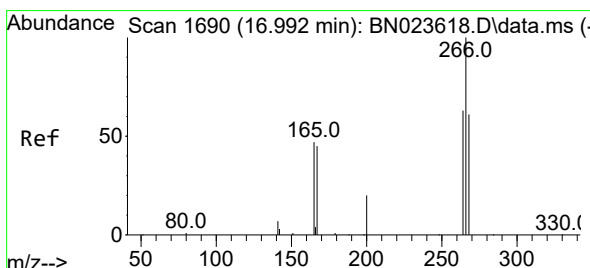
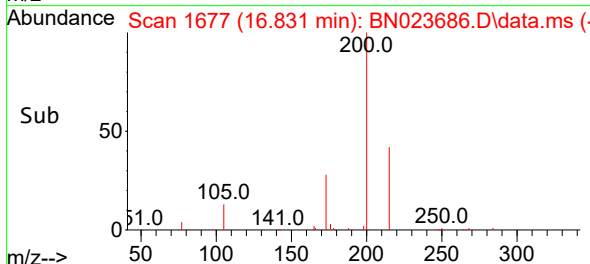
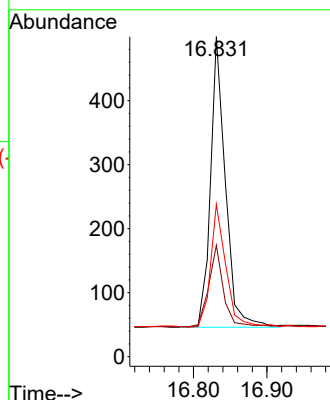
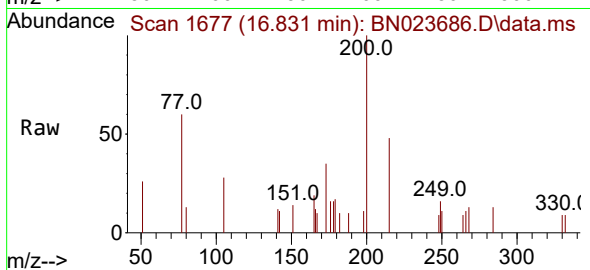
Tgt Ion:200 Resp: 640

Ion Ratio Lower Upper

200 100

173 34.8 20.4 30.6#

215 47.6 38.1 57.1



#24

Pentachlorophenol

Concen: 0.085 ng

RT: 17.030 min Scan# 1693

Delta R.T. 0.000 min

Lab File: BN023686.D

Acq: 17 Jan 2023 17:35

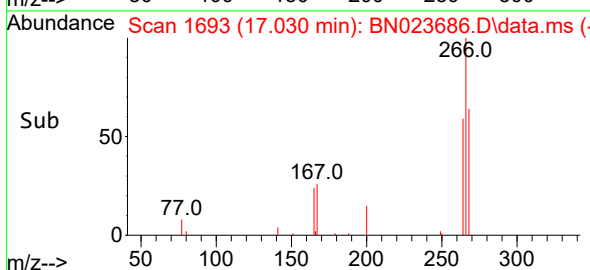
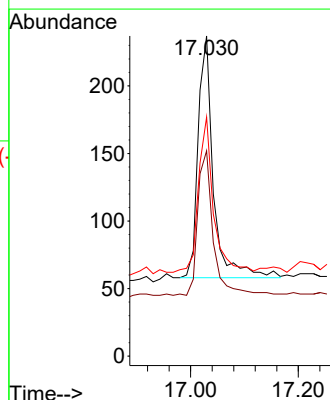
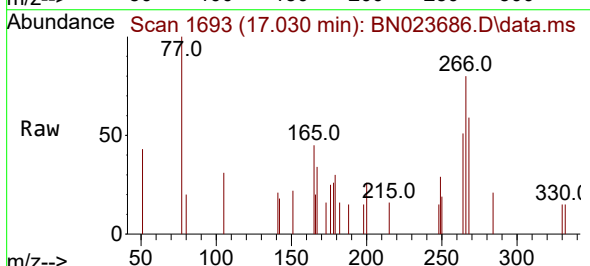
Tgt Ion:266 Resp: 353

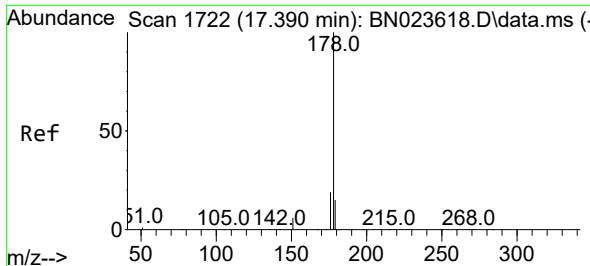
Ion Ratio Lower Upper

266 100

264 60.9 49.7 74.5

268 63.2 49.3 73.9

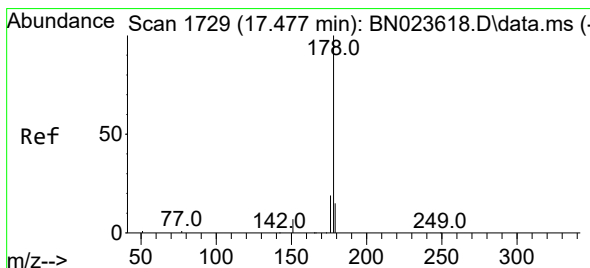
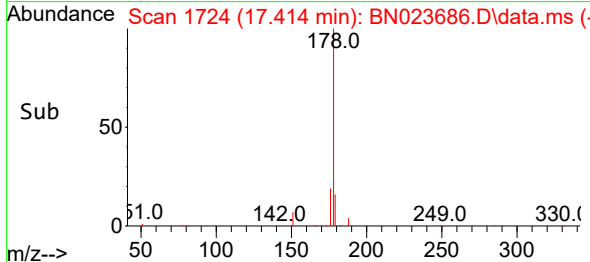
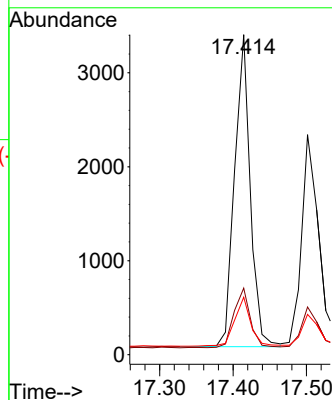
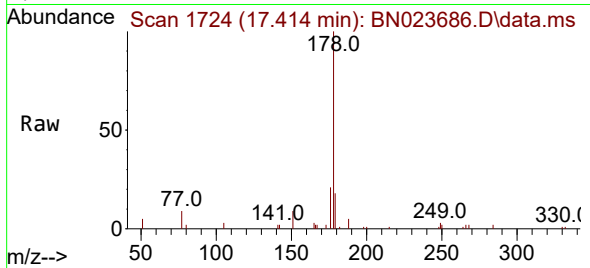




#25
Phenanthrene
Concen: 0.099 ng
RT: 17.414 min Scan# 1731
Delta R.T. -0.012 min
Lab File: BN023686.D
Acq: 17 Jan 2023 17:35

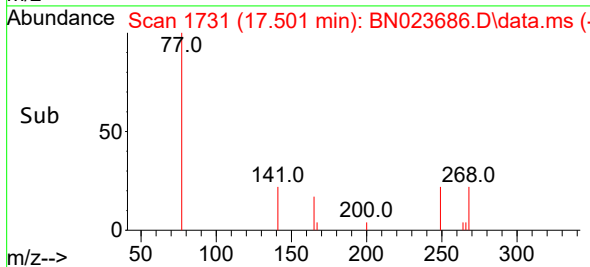
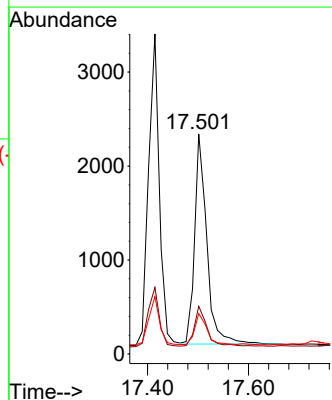
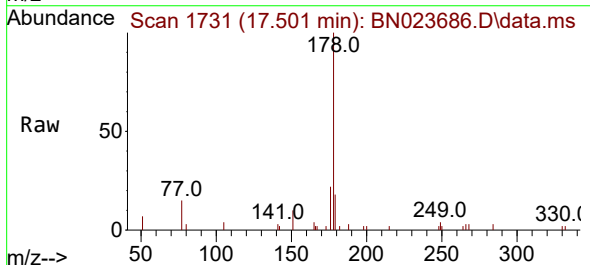
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

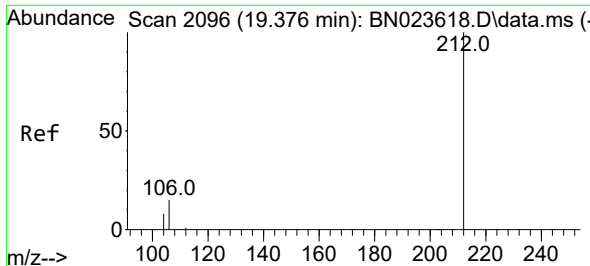
Tgt Ion:178 Resp: 4923
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 16.2 12.5 18.7



#26
Anthracene
Concen: 0.095 ng
RT: 17.501 min Scan# 1731
Delta R.T. -0.012 min
Lab File: BN023686.D
Acq: 17 Jan 2023 17:35

Tgt Ion:178 Resp: 3757
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 14.5 12.2 18.2

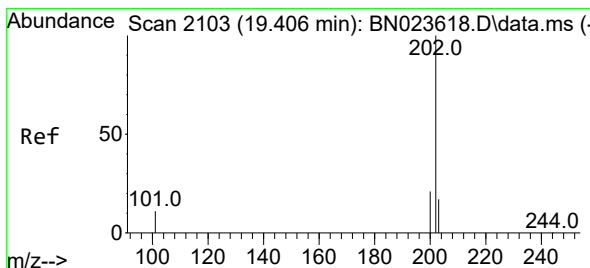
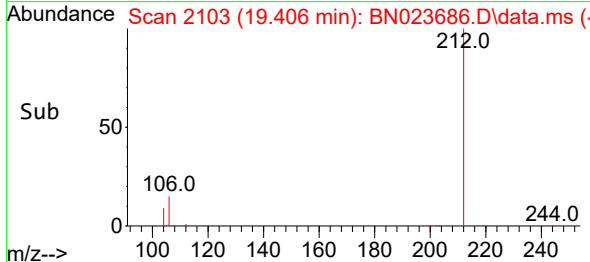
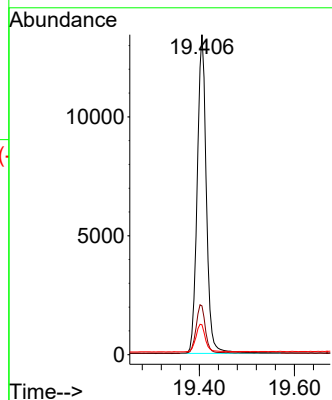
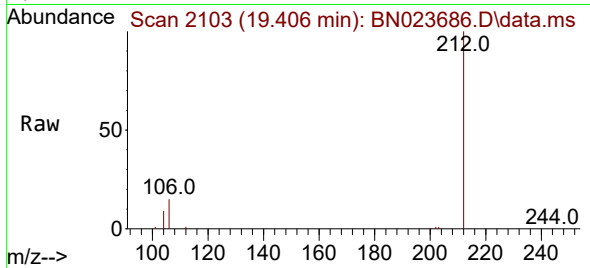




#27
Fluoranthene-d10
Concen: 0.433 ng
RT: 19.406 min Scan# 2110
Delta R.T. -0.008 min
Lab File: BN023686.D
Acq: 17 Jan 2023 17:35

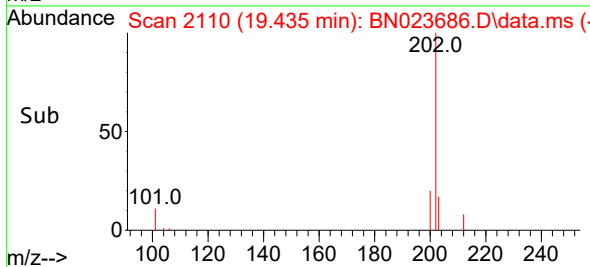
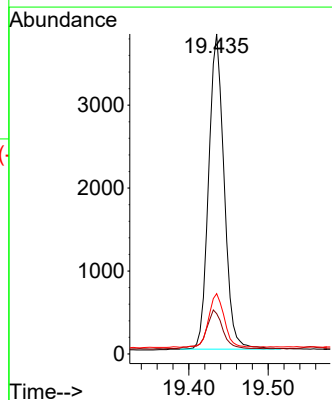
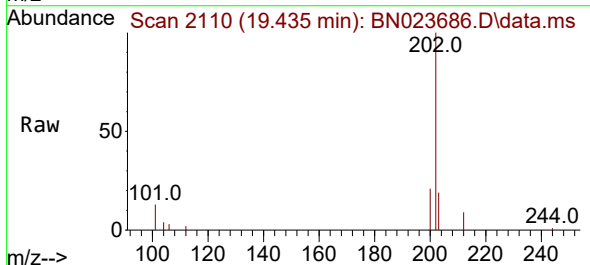
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

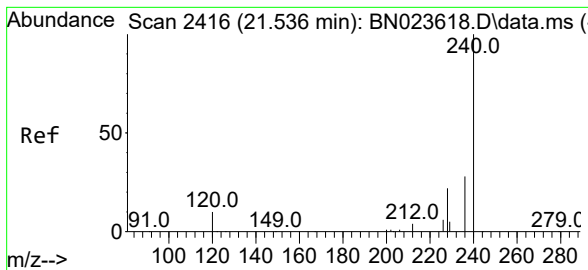
Tgt Ion:212 Resp: 17914
Ion Ratio Lower Upper
212 100
106 15.5 12.2 18.4
104 8.9 7.1 10.7



#28
Fluoranthene
Concen: 0.092 ng
RT: 19.435 min Scan# 2110
Delta R.T. -0.008 min
Lab File: BN023686.D
Acq: 17 Jan 2023 17:35

Tgt Ion:202 Resp: 5143
Ion Ratio Lower Upper
202 100
101 13.8 9.7 14.5
203 17.1 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.562 min Scan# 2416

Delta R.T. -0.013 min

Lab File: BN023686.D

Acq: 17 Jan 2023 17:35

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

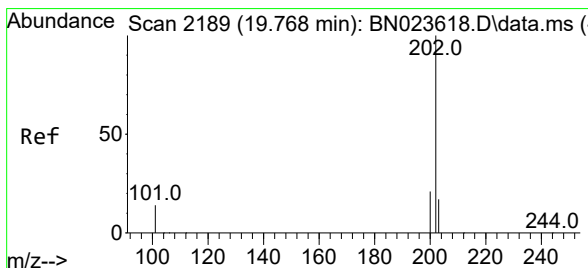
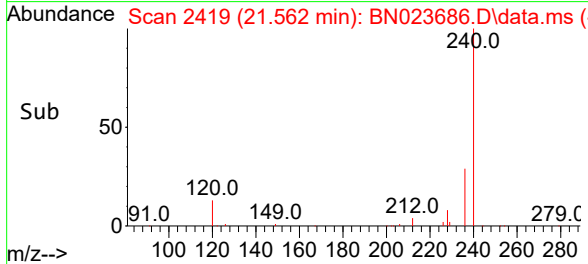
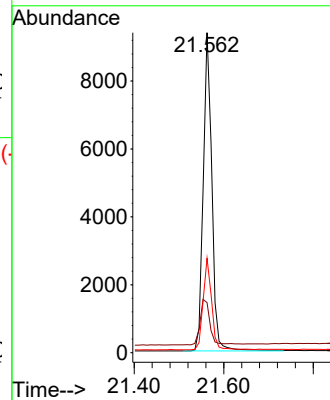
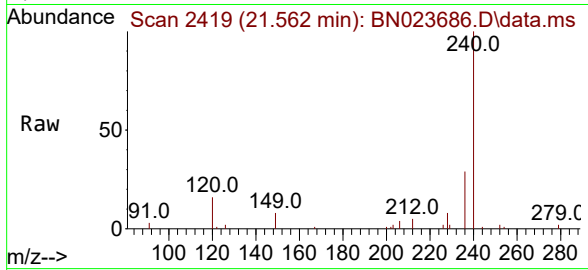
Tgt Ion:240 Resp: 12536

Ion Ratio Lower Upper

240 100

120 15.6 10.6 15.8

236 29.5 23.0 34.6



#30

Pyrene

Concen: 0.104 ng

RT: 19.798 min Scan# 2196

Delta R.T. -0.008 min

Lab File: BN023686.D

Acq: 17 Jan 2023 17:35

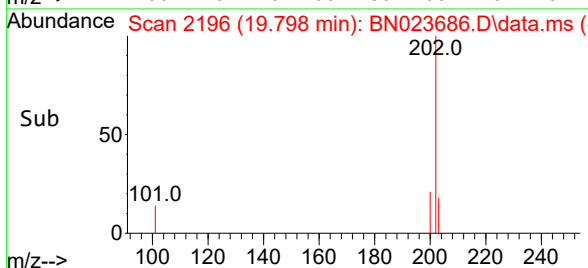
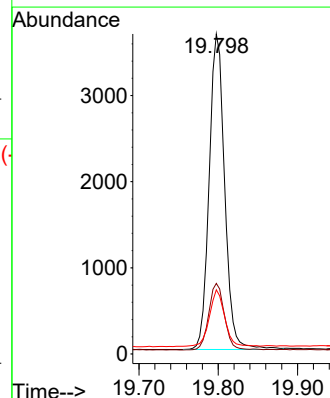
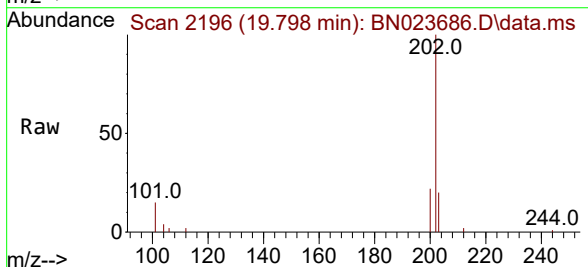
Tgt Ion:202 Resp: 4981

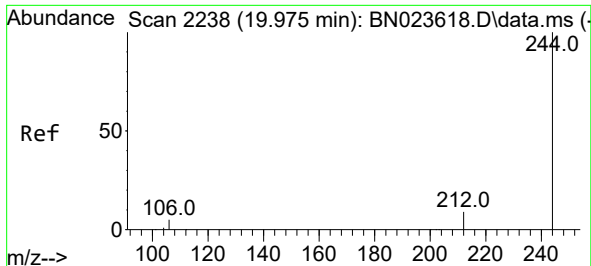
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 17.9 14.2 21.2

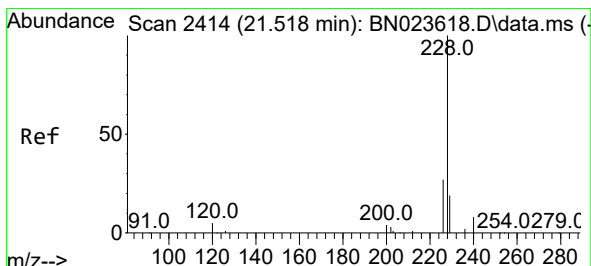
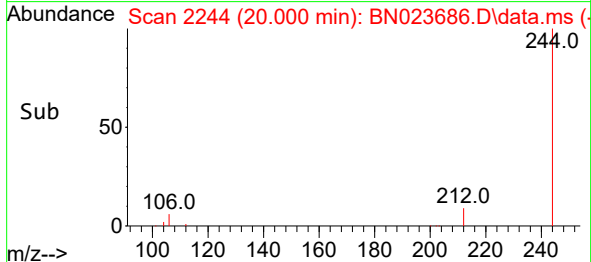
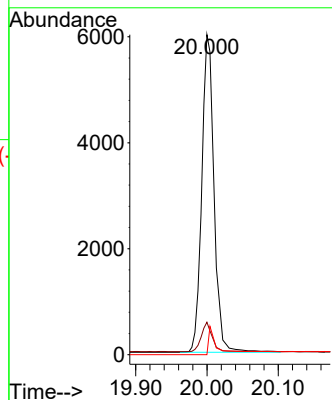
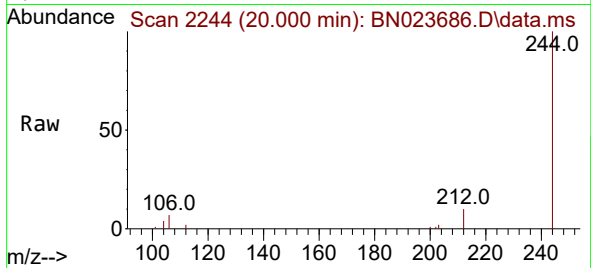




#31
 Terphenyl-d14
 Concen: 0.287 ng
 RT: 20.000 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BN023686.D
 Acq: 17 Jan 2023 17:35

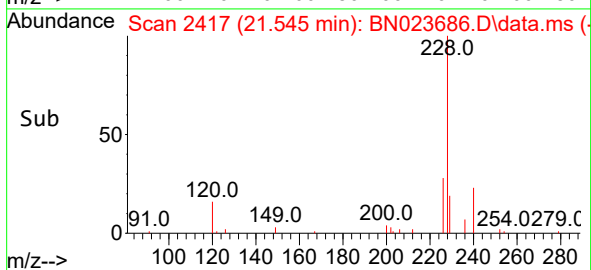
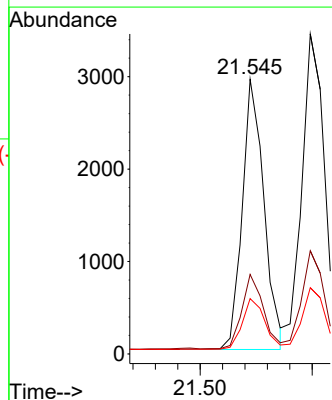
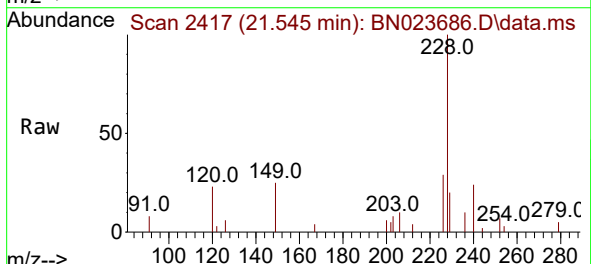
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

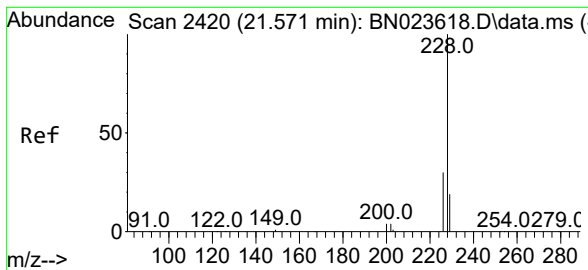
Tgt Ion:244 Resp: 9122
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.5 11.3
 122 0.0 0.0 0.0



#32
 Benzo(a)anthracene
 Concen: 0.097 ng
 RT: 21.545 min Scan# 2417
 Delta R.T. -0.013 min
 Lab File: BN023686.D
 Acq: 17 Jan 2023 17:35

Tgt Ion:228 Resp: 3947
 Ion Ratio Lower Upper
 228 100
 226 28.9 22.2 33.2
 229 20.2 15.7 23.5





#33

Chrysene

Concen: 0.108 ng

RT: 21.598 min Scan# 2420

Delta R.T. -0.013 min

Lab File: BN023686.D

Acq: 17 Jan 2023 17:35

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

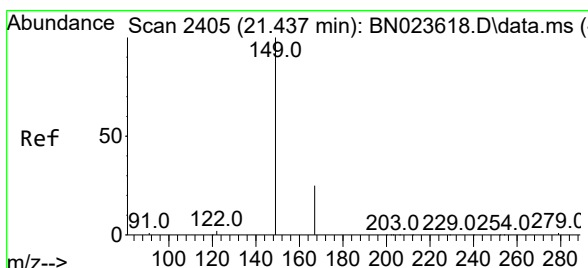
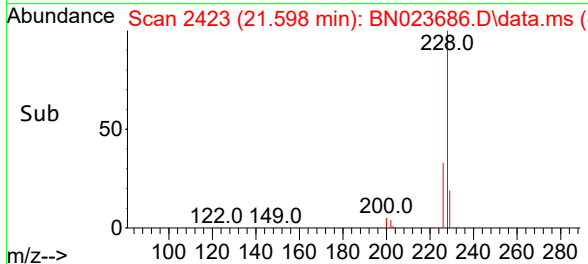
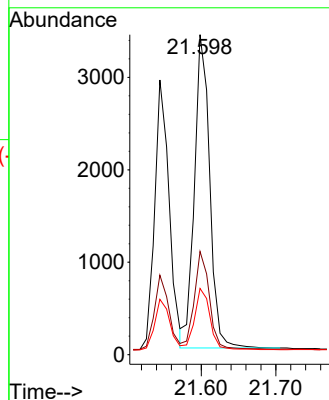
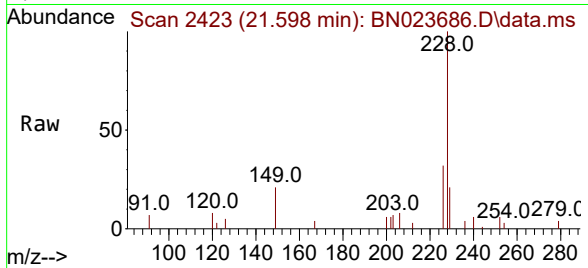
Tgt Ion:228 Resp: 4830

Ion Ratio Lower Upper

228 100

226 32.2 24.4 36.6

229 20.7 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.124 ng

RT: 21.473 min Scan# 2409

Delta R.T. -0.004 min

Lab File: BN023686.D

Acq: 17 Jan 2023 17:35

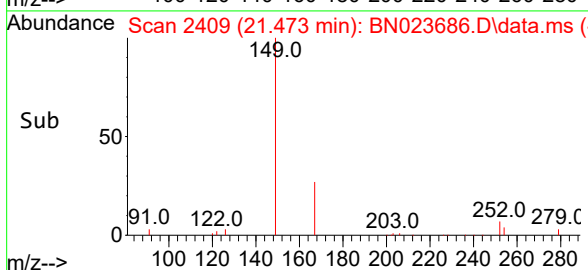
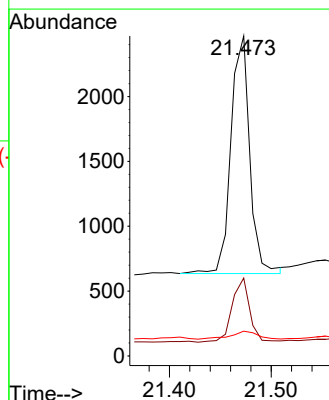
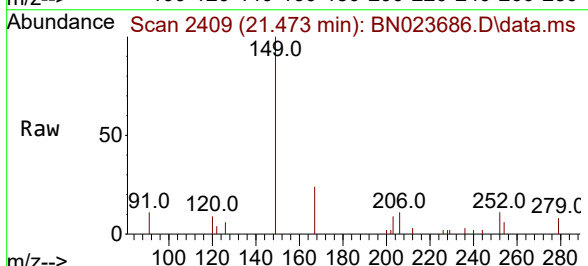
Tgt Ion:149 Resp: 2355

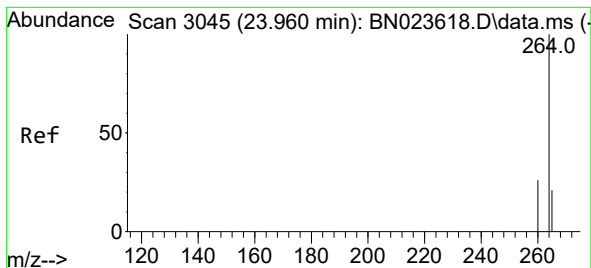
Ion Ratio Lower Upper

149 100

167 25.4 20.6 30.8

279 4.6 2.6 4.0#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.015 min Scan# 3045

Delta R.T. -0.019 min

Lab File: BN023686.D

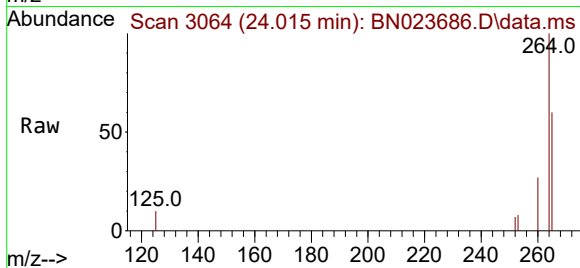
Acq: 17 Jan 2023 17:35

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



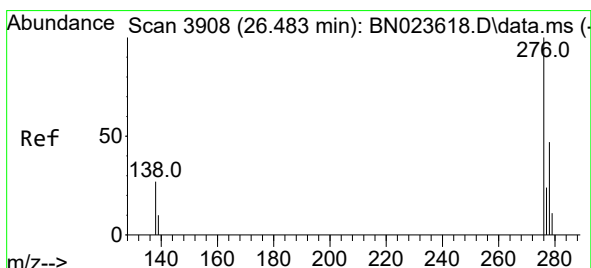
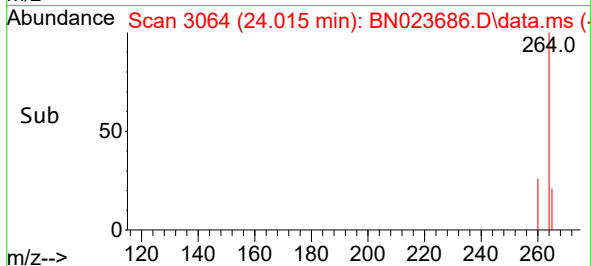
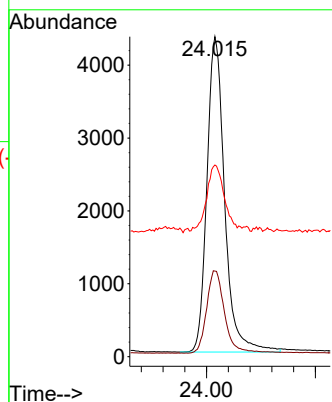
Tgt Ion:264 Resp: 9762

Ion Ratio Lower Upper

264 100

260 26.8 21.4 32.2

265 59.9 56.6 85.0



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.102 ng

RT: 26.585 min Scan# 3943

Delta R.T. -0.025 min

Lab File: BN023686.D

Acq: 17 Jan 2023 17:35

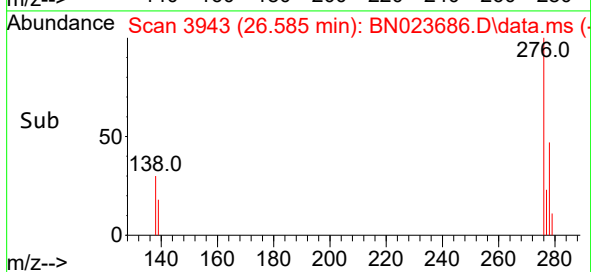
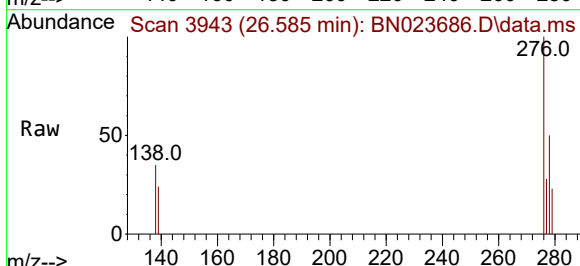
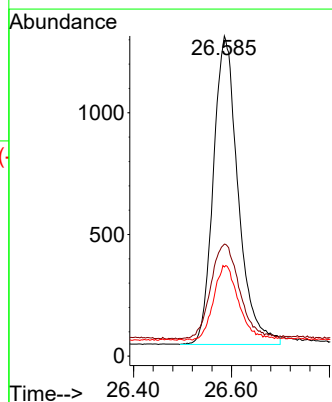
Tgt Ion:276 Resp: 4450

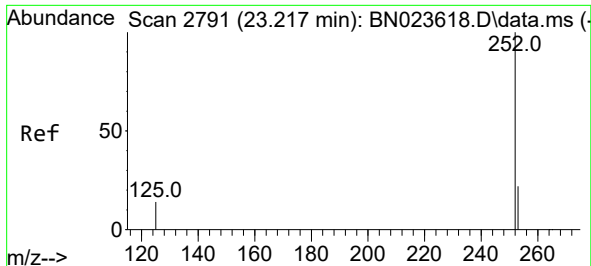
Ion Ratio Lower Upper

276 100

138 35.5 23.8 35.8

277 24.6 19.8 29.6

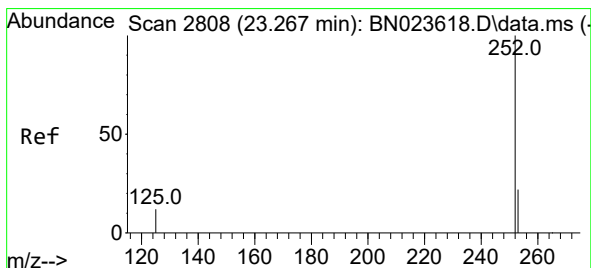
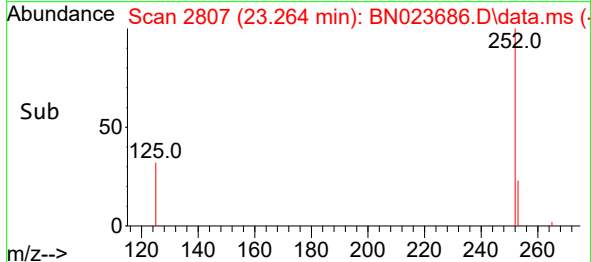
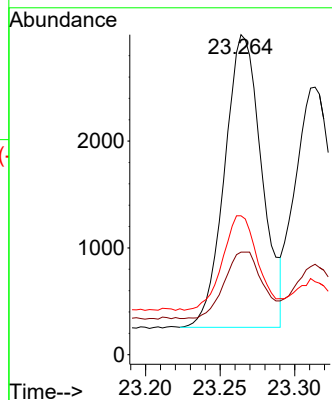
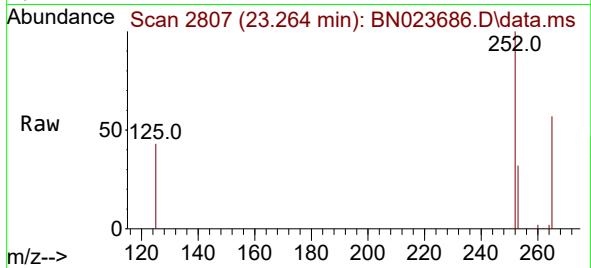




#37
Benzo(b)fluoranthene
Concen: 0.114 ng
RT: 23.264 min Scan# 21
Delta R.T. -0.013 min
Lab File: BN023686.D
Acq: 17 Jan 2023 17:35

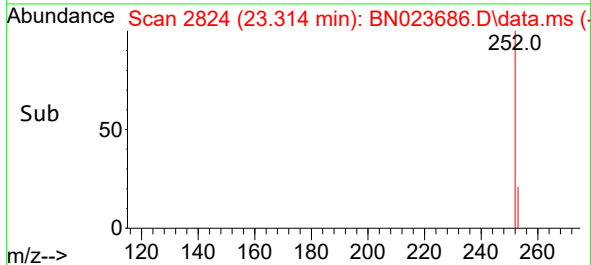
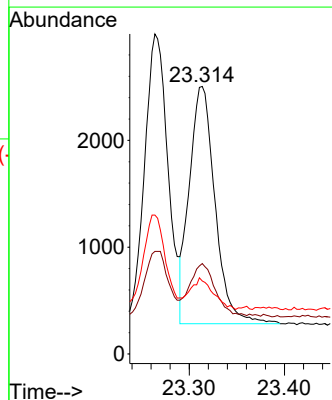
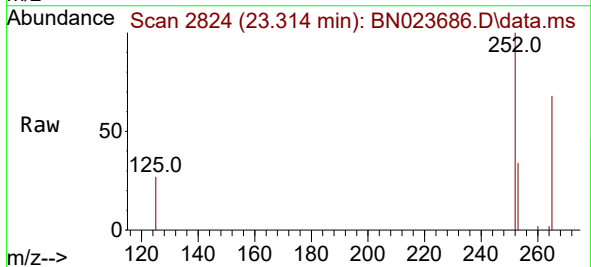
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

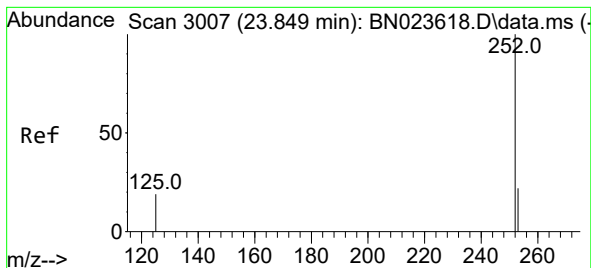
Tgt Ion:252 Resp: 4752
Ion Ratio Lower Upper
252 100
253 32.0 20.0 30.0#
125 43.4 14.4 21.6#



#38
Benzo(k)fluoranthene
Concen: 0.103 ng
RT: 23.314 min Scan# 2824
Delta R.T. -0.013 min
Lab File: BN023686.D
Acq: 17 Jan 2023 17:35

Tgt Ion:252 Resp: 4177
Ion Ratio Lower Upper
252 100
253 33.8 20.2 30.2#
125 27.3 13.0 19.4#





#39

Benzo(a)pyrene

Concen: 0.126 ng

RT: 23.907 min Scan# 3007

Delta R.T. -0.016 min

Lab File: BN023686.D

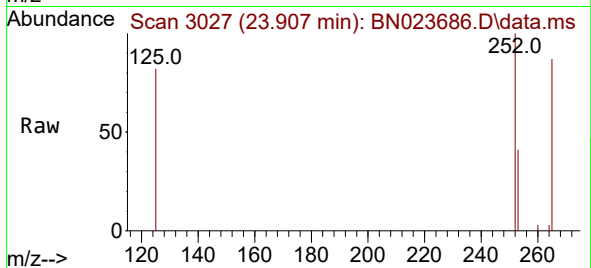
Acq: 17 Jan 2023 17:35

Instrument :

BNA_N

ClientSampleId :

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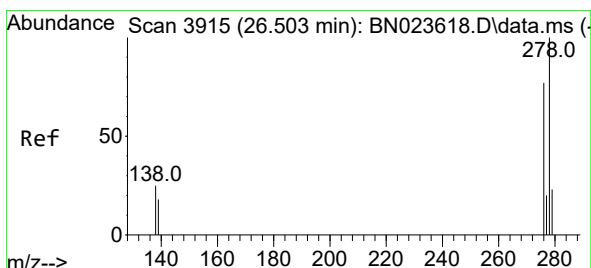
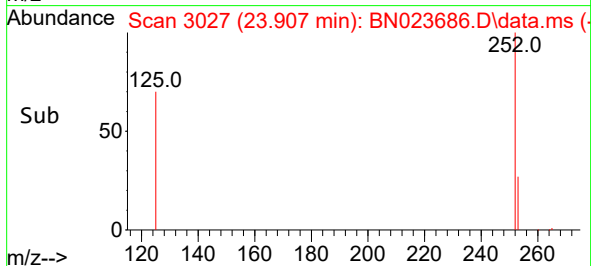
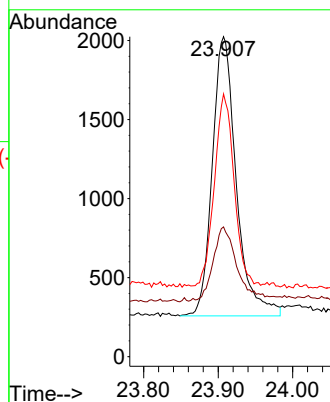
Tgt Ion:252 Resp: 3953

Ion Ratio Lower Upper

252 100

253 40.6 22.3 33.5#

125 82.1 21.2 31.8#



#40

Dibenzo(a,h)anthracene

Concen: 0.100 ng

RT: 26.606 min Scan# 3950

Delta R.T. -0.028 min

Lab File: BN023686.D

Acq: 17 Jan 2023 17:35

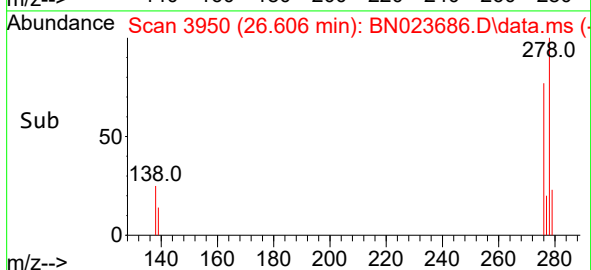
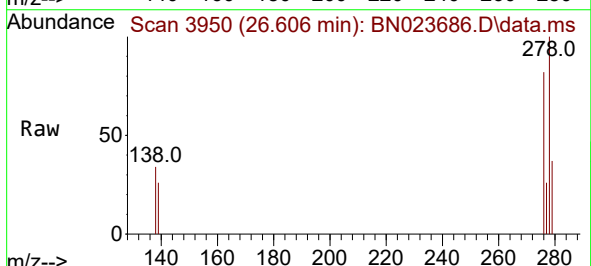
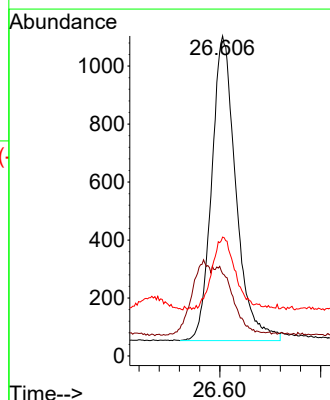
Tgt Ion:278 Resp: 3502

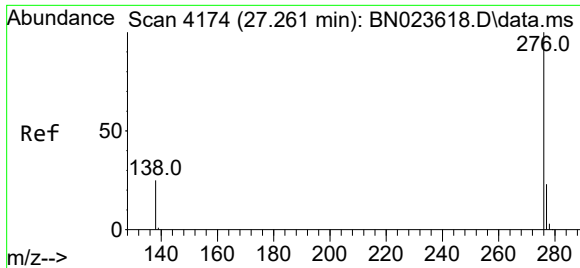
Ion Ratio Lower Upper

278 100

139 25.7 16.8 25.2#

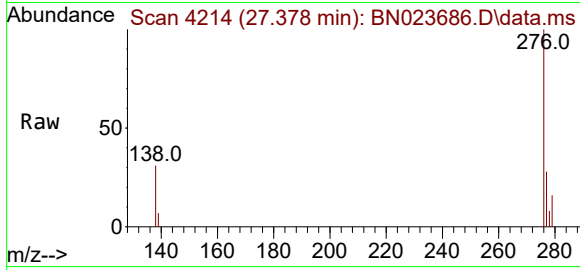
279 37.1 21.5 32.3#





#41
Benzo(g,h,i)perylene
Concen: 0.098 ng
RT: 27.378 min Scan# 41
Delta R.T. -0.028 min
Lab File: BN023686.D
Acq: 17 Jan 2023 17:35

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:276 Resp: 3501
Ion Ratio Lower Upper
276 100
277 28.1 19.6 29.4
138 31.1 21.5 32.3

