

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
 Data File : BN029426.D
 Acq On : 30 Jan 2024 23:44
 Operator : MA/JU
 Sample : 04699-01
 Misc : LOD-MDL-SOIL-0.2NG
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2023

Quant Time: Jan 31 02:34:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 03:38:24 2024
 Response via : Initial Calibration

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

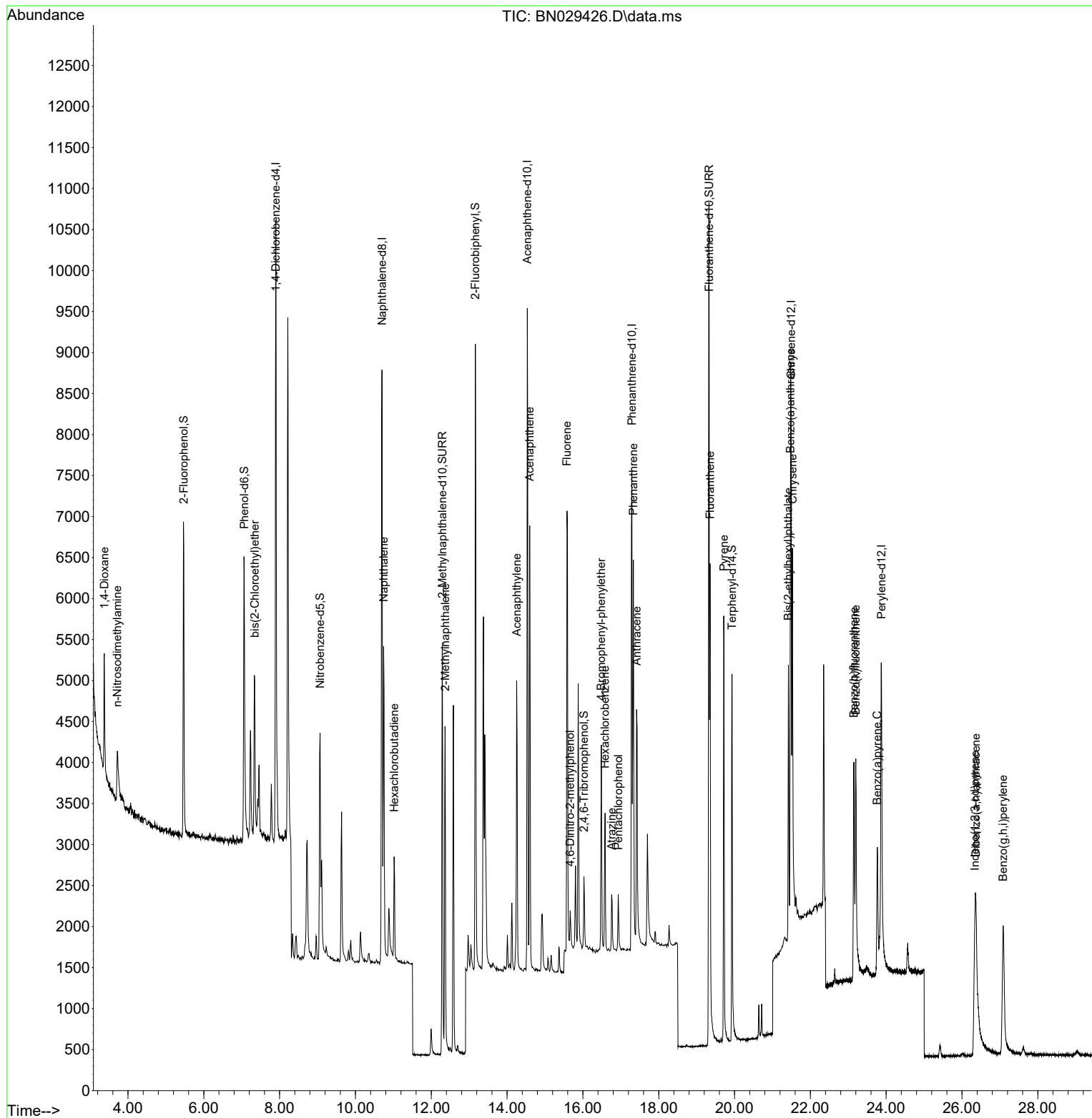
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	3862	0.400	ng	0.00
7) Naphthalene-d8	10.701	136	10281	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	4798	0.400	ng	-0.01
19) Phenanthrene-d10	17.292	188	9398	0.400	ng	0.00
29) Chrysene-d12	21.492	240	6297	0.400	ng	# 0.00
35) Perylene-d12	23.873	264	6525	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	3269	0.352	ng	0.00
5) Phenol-d6	7.067	99	3882	0.363	ng	0.00
8) Nitrobenzene-d5	9.067	82	2854	0.333	ng	0.00
11) 2-Methylnaphthalene-d10	12.291	152	7438	0.531	ng	0.00
14) 2,4,6-Tribromophenol	16.026	330	487	0.316	ng	-0.01
15) 2-Fluorobiphenyl	13.164	172	6880	0.334	ng	-0.01
27) Fluoranthene-d10	19.327	212	12213	0.537	ng	0.00
31) Terphenyl-d14	19.935	244	5294	0.339	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.376	88	1086	0.200	ng	97
3) n-Nitrosodimethylamine	3.716	42	634	0.143	ng	# 4
6) bis(2-Chloroethyl)ether	7.341	93	1803	0.177	ng	97
9) Naphthalene	10.744	128	5245	0.179	ng	98
10) Hexachlorobutadiene	11.021	225	1001	0.180	ng	# 99
12) 2-Methylnaphthalene	12.367	142	2979	0.173	ng	98
16) Acenaphthylene	14.254	152	4101	0.180	ng	98
17) Acenaphthene	14.596	154	2657	0.174	ng	99
18) Fluorene	15.580	166	3320	0.173	ng	100
20) 4,6-Dinitro-2-methylph...	15.666	198	258	0.187	ng	# 66
21) 4-Bromophenyl-phenylether	16.486	248	939	0.168	ng	89
22) Hexachlorobenzene	16.585	284	1222	0.178	ng	100
23) Atrazine	16.759	200	713	0.179	ng	# 91
24) Pentachlorophenol	16.933	266	360	0.166	ng	95
25) Phenanthrene	17.330	178	4959	0.178	ng	99
26) Anthracene	17.417	178	4011	0.169	ng	100
28) Fluoranthene	19.354	202	5133	0.164	ng	99
30) Pyrene	19.717	202	5169	0.178	ng	99
32) Benzo(a)anthracene	21.474	228	3710	0.172	ng	99
33) Chrysene	21.528	228	4352	0.178	ng	99
34) Bis(2-ethylhexyl)phtha...	21.420	149	2669	0.182	ng	98
36) Indeno(1,2,3-cd)pyrene	26.341	276	4132	0.158	ng	# 84
37) Benzo(b)fluoranthene	23.148	252	3752	0.161	ng	# 90
38) Benzo(k)fluoranthene	23.201	252	3817	0.156	ng	# 81
39) Benzo(a)pyrene	23.765	252	3315	0.163	ng	# 85
40) Dibenzo(a,h)anthracene	26.367	278	3123	0.150	ng	# 88
41) Benzo(g,h,i)perylene	27.086	276	3857	0.152	ng	93

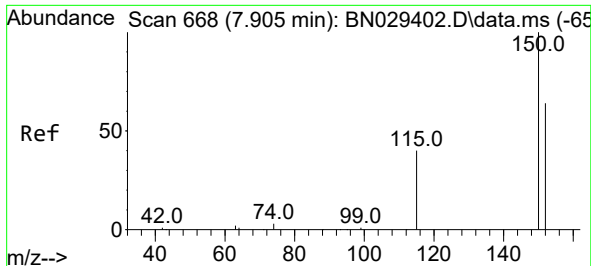
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
Data File : BN029426.D
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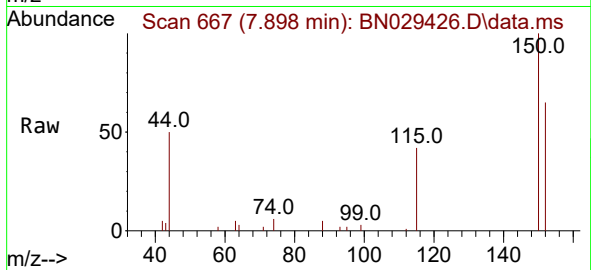
Quant Time: Jan 31 02:34:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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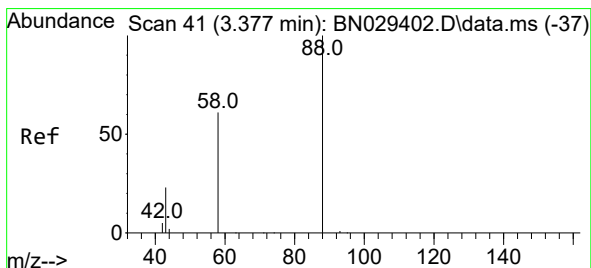
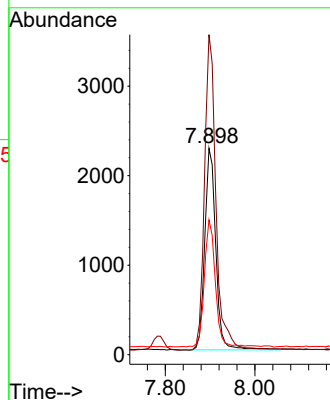
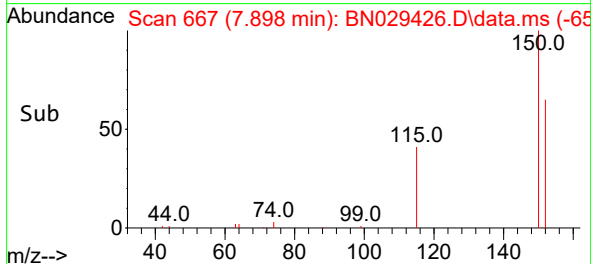


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.898 min Scan# 668
Delta R.T. -0.007 min
Lab File: BN029426.D
Acq: 30 Jan 2024 23:44

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

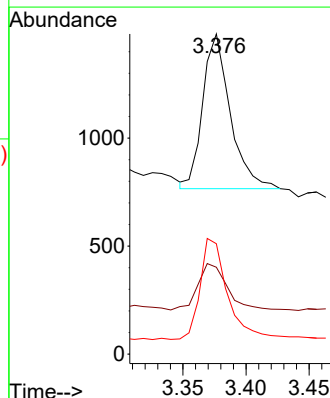
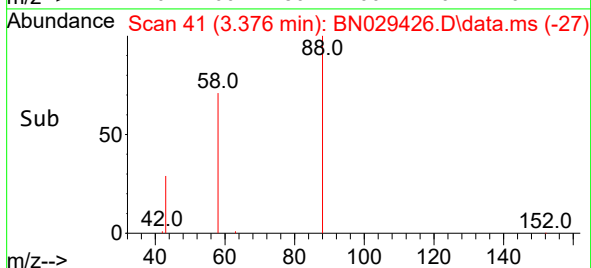
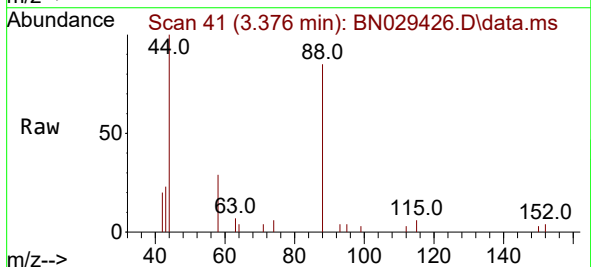


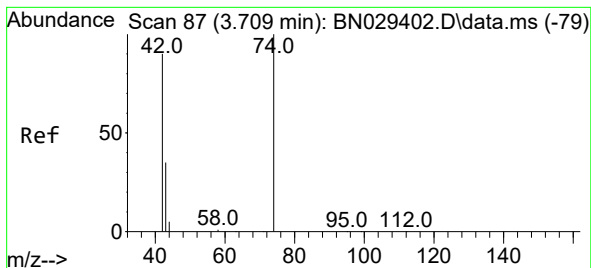
Tgt Ion:152 Resp: 3862
Ion Ratio Lower Upper
152 100
150 155.0 123.0 184.4
115 65.4 51.4 77.0



#2
1,4-Dioxane
Concen: 0.200 ng
RT: 3.376 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN029426.D
Acq: 30 Jan 2024 23:44

Tgt Ion: 88 Resp: 1086
Ion Ratio Lower Upper
88 100
43 31.7 23.3 34.9
58 65.7 53.8 80.6





#3

n-Nitrosodimethylamine

Concen: 0.143 ng

RT: 3.716 min Scan# 87

Delta R.T. 0.007 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

Instrument :

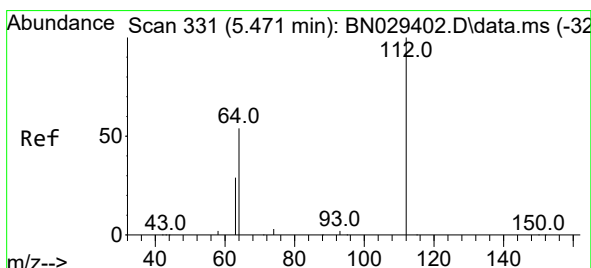
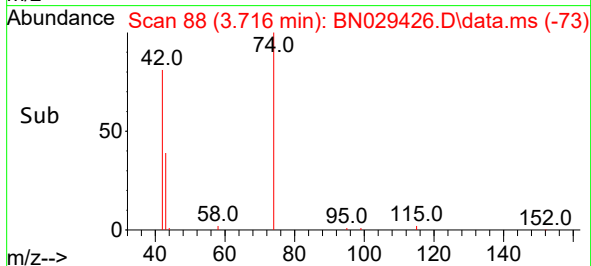
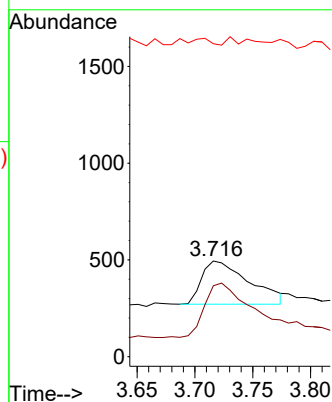
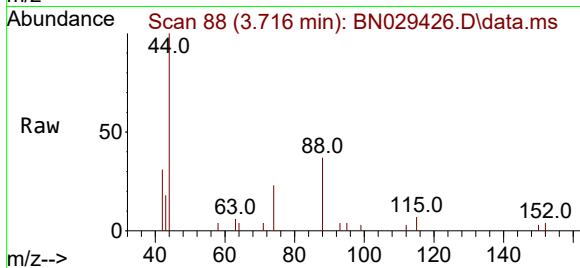
BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2023

Tgt Ion: 42 Resp: 634

Ion	Ratio	Lower	Upper
42	100		
74	0.0	93.7	140.5#
44	8.2	13.0	19.4#



#4

2-Fluorophenol

Concen: 0.352 ng

RT: 5.471 min Scan# 331

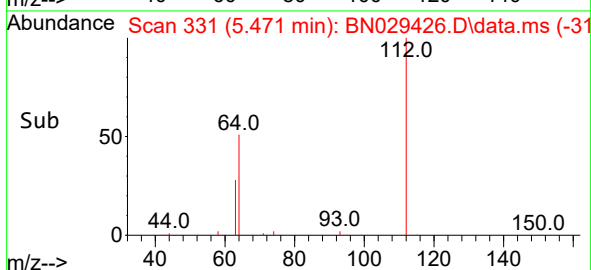
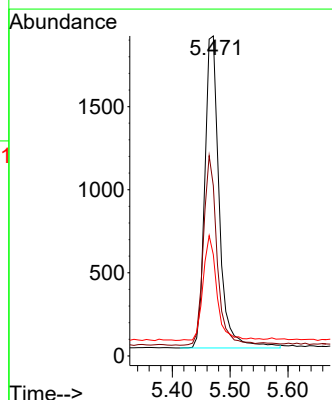
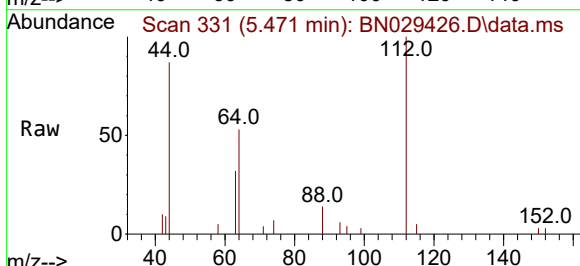
Delta R.T. -0.000 min

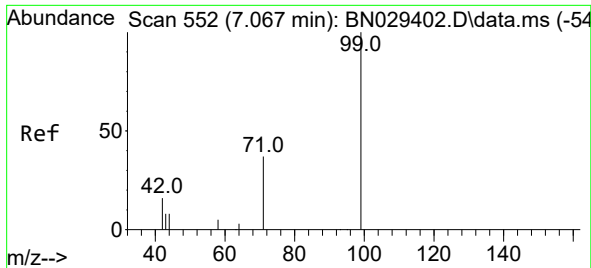
Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

Tgt Ion: 112 Resp: 3269

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.2	70.8
63	31.8	25.8	38.6

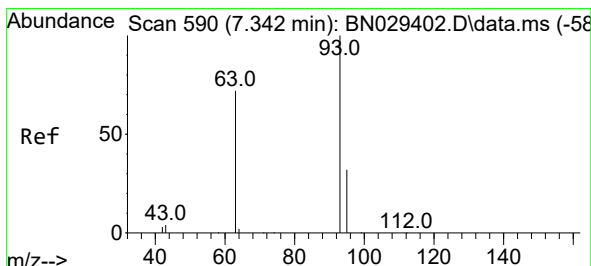
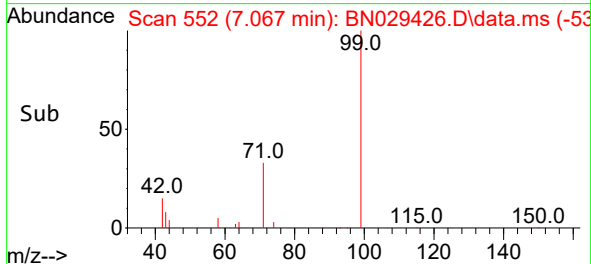
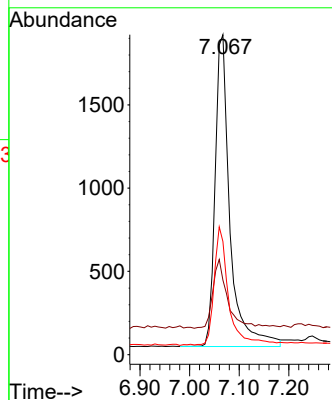
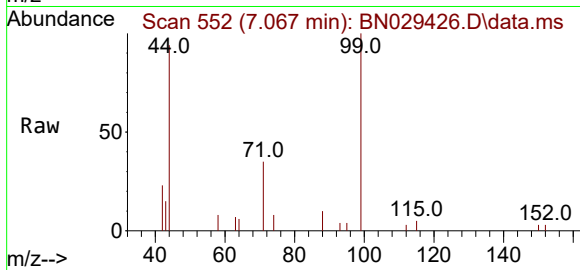




#5
Phenol-d6
Concen: 0.363 ng
RT: 7.067 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN029426.D
Acq: 30 Jan 2024 23:44

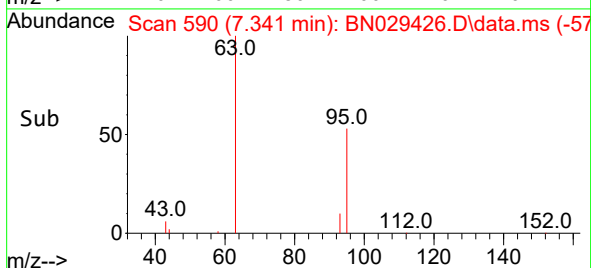
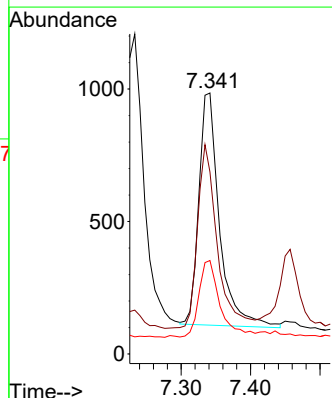
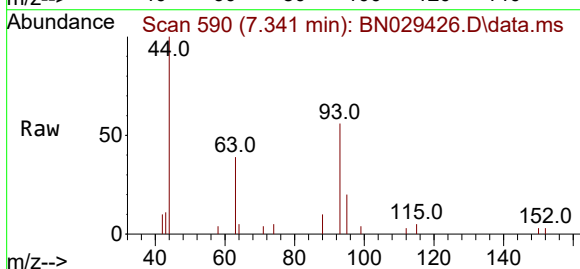
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

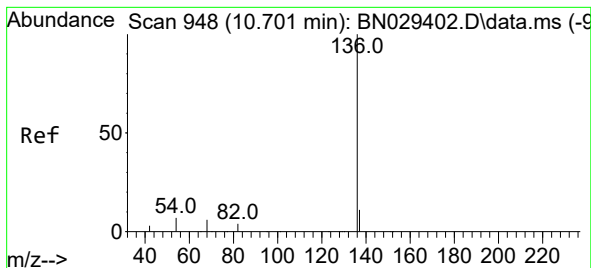
Tgt Ion: 99 Resp: 3882
Ion Ratio Lower Upper
99 100
42 22.7 16.9 25.3
71 36.6 30.0 45.0



#6
bis(2-Chloroethyl)ether
Concen: 0.177 ng
RT: 7.341 min Scan# 590
Delta R.T. -0.000 min
Lab File: BN029426.D
Acq: 30 Jan 2024 23:44

Tgt Ion: 93 Resp: 1803
Ion Ratio Lower Upper
93 100
63 75.5 63.1 94.7
95 33.7 27.1 40.7





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.701 min Scan# 948

Delta R.T. -0.000 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2023

Tgt Ion:136 Resp: 10281

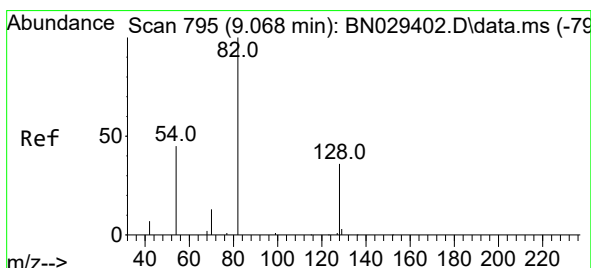
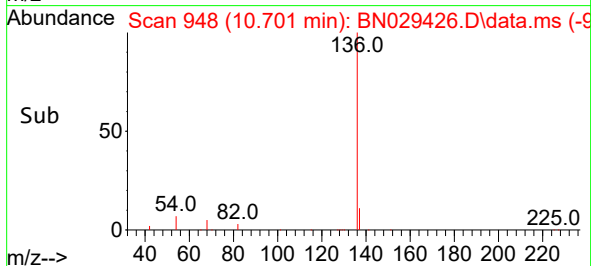
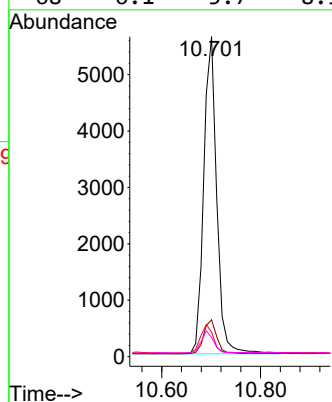
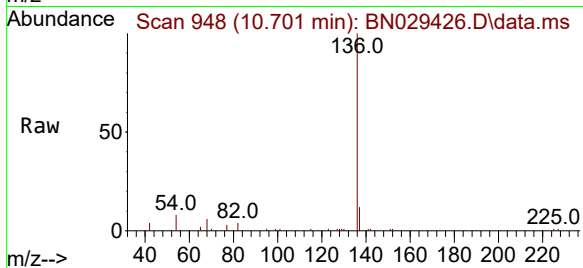
Ion Ratio Lower Upper

136 100

137 11.5 9.7 14.5

54 7.6 6.6 10.0

68 6.1 5.7 8.5



#8

Nitrobenzene-d5

Concen: 0.333 ng

RT: 9.067 min Scan# 795

Delta R.T. -0.000 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

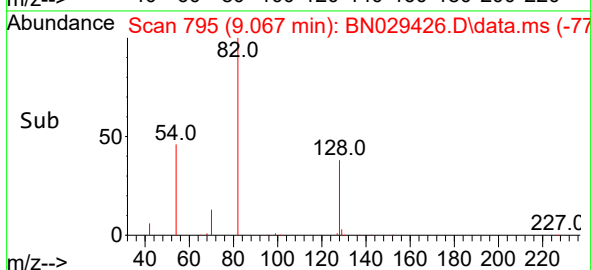
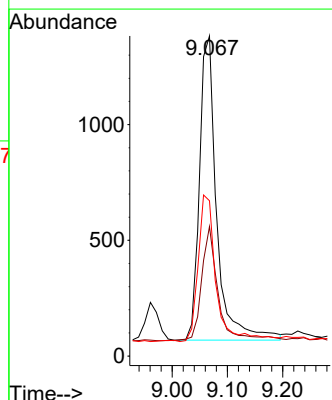
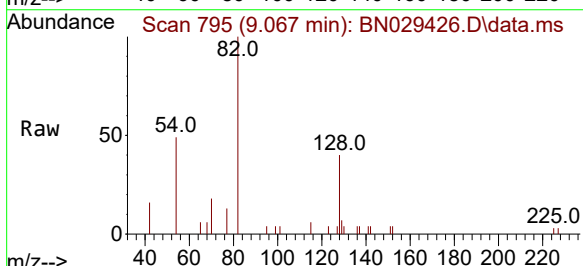
Tgt Ion: 82 Resp: 2854

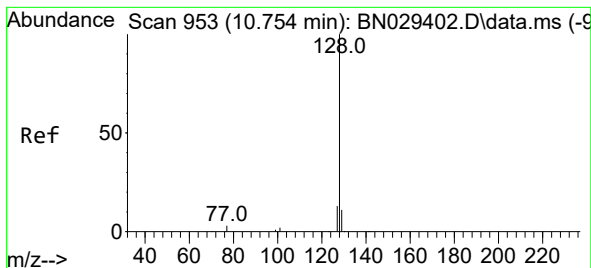
Ion Ratio Lower Upper

82 100

128 40.5 31.6 47.4

54 48.5 38.2 57.4





#9

Naphthalene

Concen: 0.179 ng

RT: 10.744 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

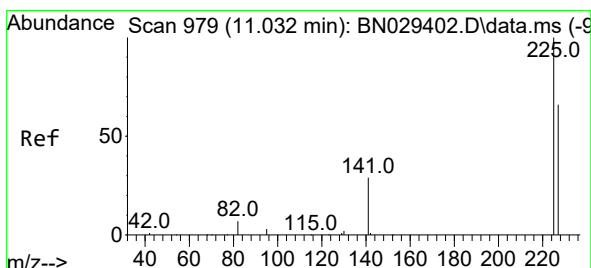
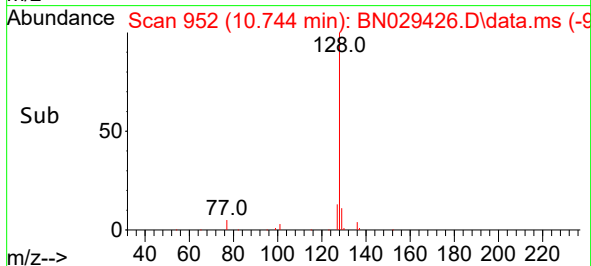
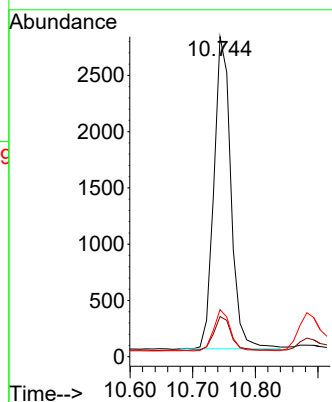
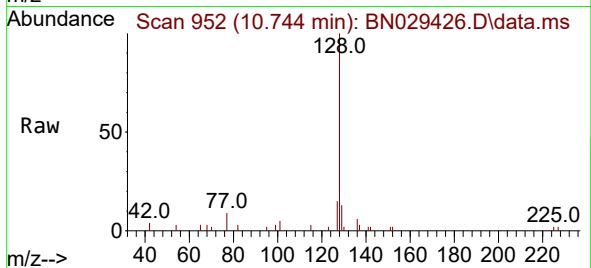
Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2023

Tgt Ion:128	Resp:	5245
Ion Ratio	Lower	Upper
128	100	
129	12.6	9.5 14.3
127	14.7	10.8 16.2



#10

Hexachlorobutadiene

Concen: 0.180 ng

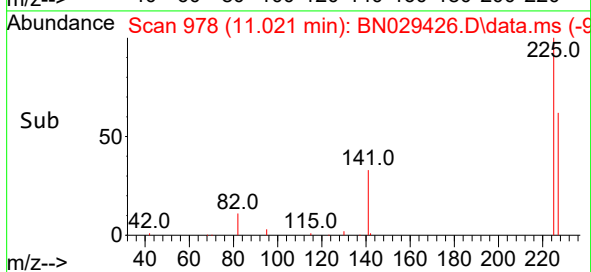
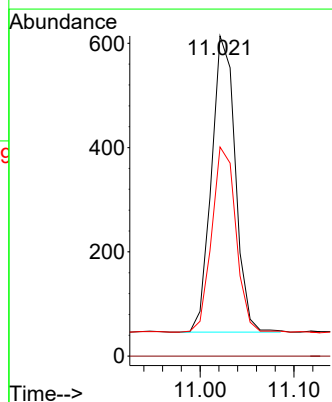
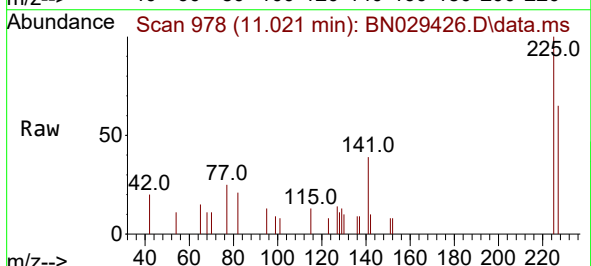
RT: 11.021 min Scan# 978

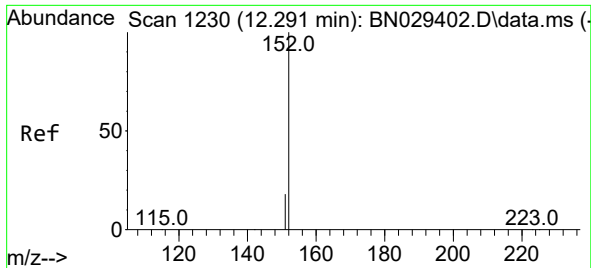
Delta R.T. -0.011 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

Tgt Ion:225	Resp:	1001
Ion Ratio	Lower	Upper
225	100	
223	0.0	0.0 0.0
227	63.3	51.1 76.7

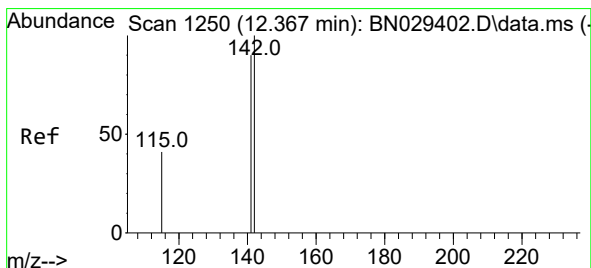
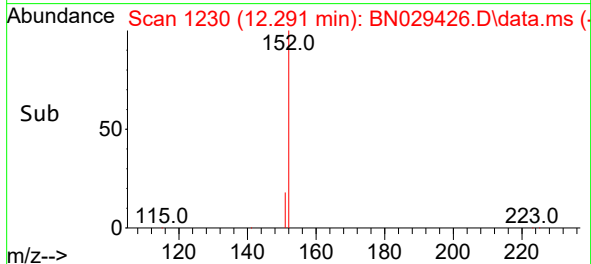
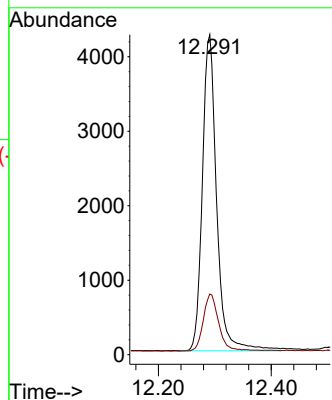
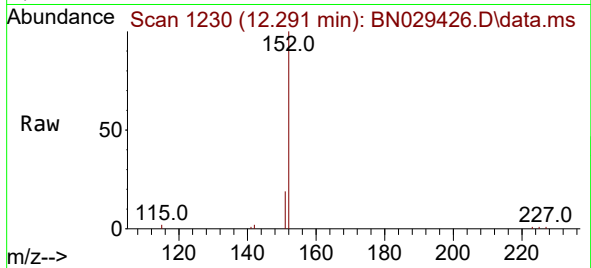




#11
2-Methylnaphthalene-d10
Concen: 0.531 ng
RT: 12.291 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029426.D
Acq: 30 Jan 2024 23:44

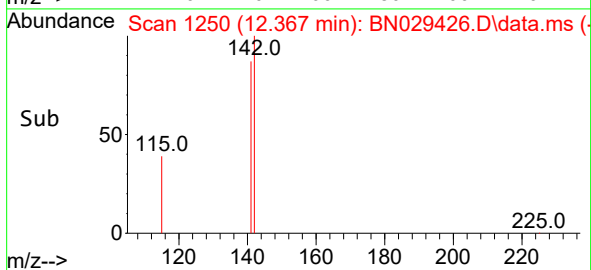
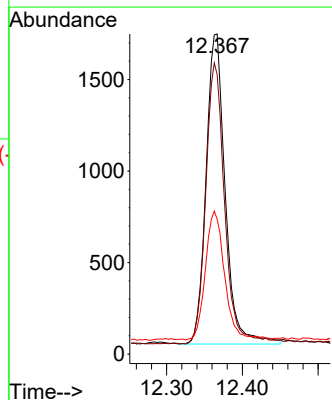
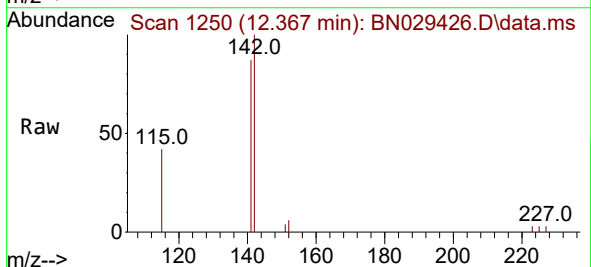
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

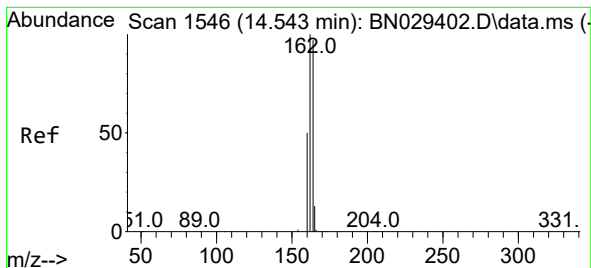
Tgt Ion:152 Resp: 7438
Ion Ratio Lower Upper
152 100
151 19.4 17.1 25.7



#12
2-Methylnaphthalene
Concen: 0.173 ng
RT: 12.367 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BN029426.D
Acq: 30 Jan 2024 23:44

Tgt Ion:142 Resp: 2979
Ion Ratio Lower Upper
142 100
141 87.3 71.9 107.9
115 42.1 33.9 50.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.532 min Scan# 1545

Delta R.T. -0.011 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2023

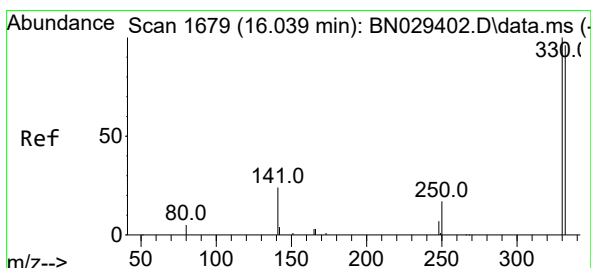
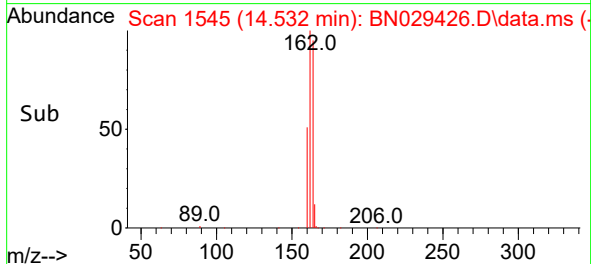
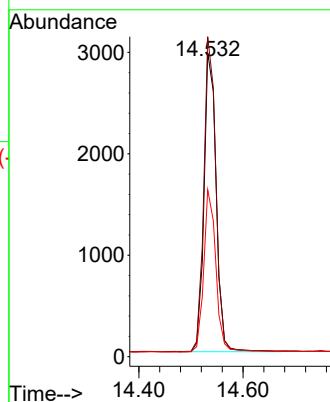
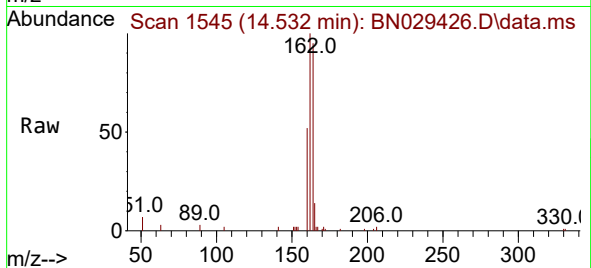
Tgt Ion:164 Resp: 4798

Ion Ratio Lower Upper

164 100

162 105.2 82.6 123.8

160 54.9 41.5 62.3



#14

2,4,6-Tribromophenol

Concen: 0.316 ng

RT: 16.026 min Scan# 1678

Delta R.T. -0.013 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

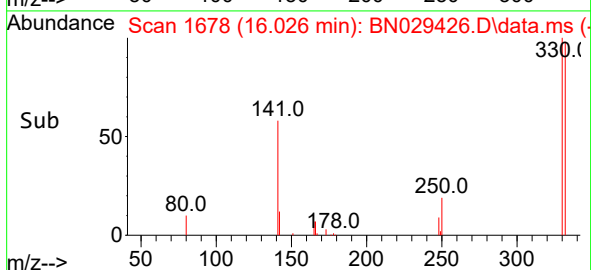
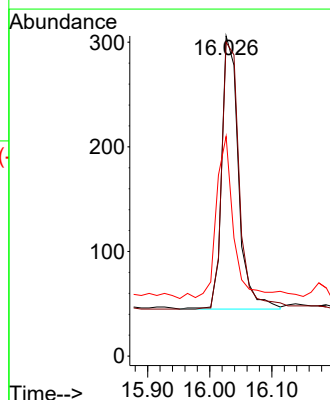
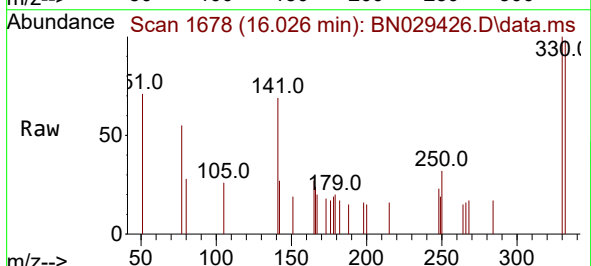
Tgt Ion:330 Resp: 487

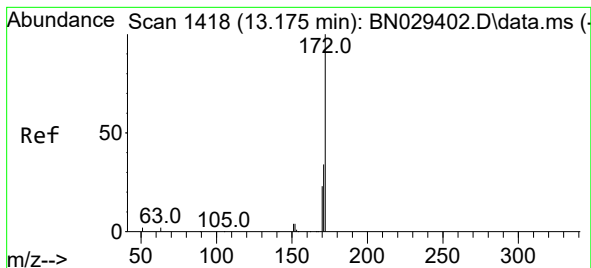
Ion Ratio Lower Upper

330 100

332 103.1 76.0 114.0

141 63.9 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.334 ng

RT: 13.164 min Scan# 1418

Delta R.T. -0.011 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2023

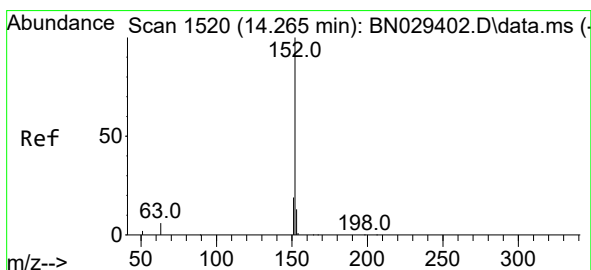
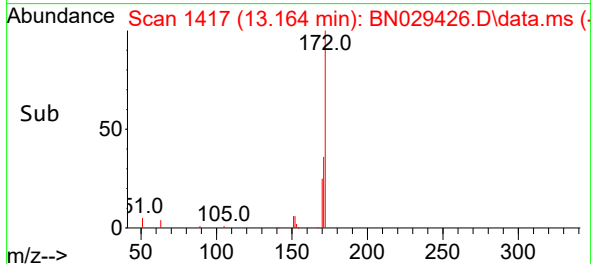
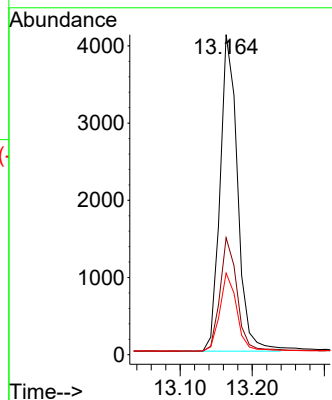
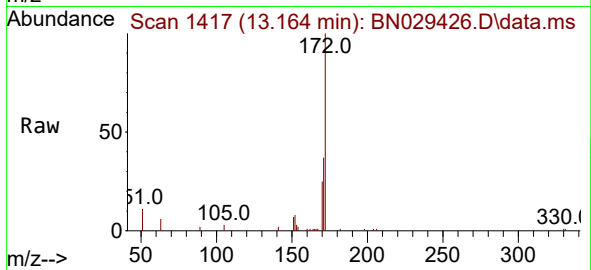
Tgt Ion:172 Resp: 6880

Ion Ratio Lower Upper

172 100

171 36.6 28.0 42.0

170 25.5 18.7 28.1



#16

Acenaphthylene

Concen: 0.180 ng

RT: 14.254 min Scan# 1519

Delta R.T. -0.011 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

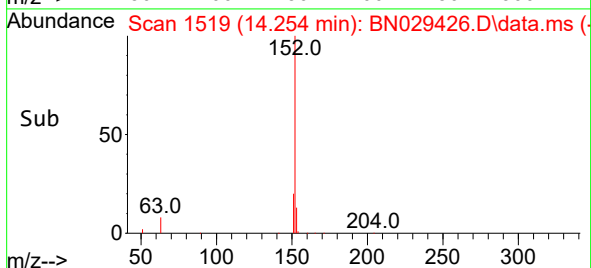
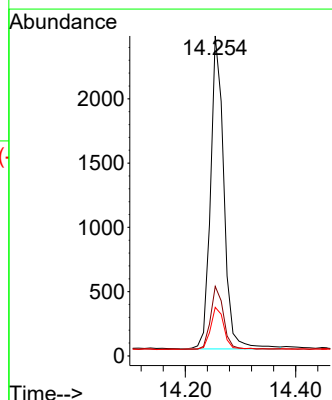
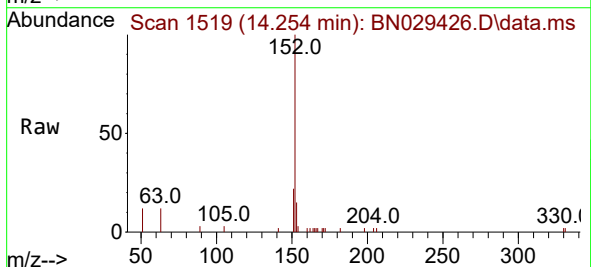
Tgt Ion:152 Resp: 4101

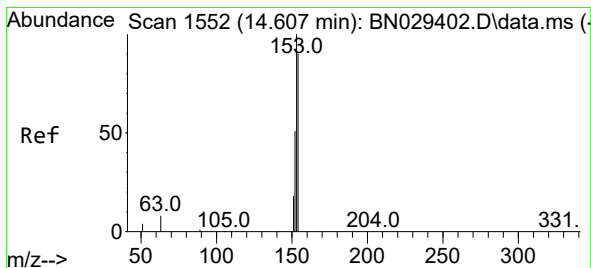
Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 14.4 10.5 15.7





#17

Acenaphthene

Concen: 0.174 ng

RT: 14.596 min Scan# 1551

Delta R.T. -0.011 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2023

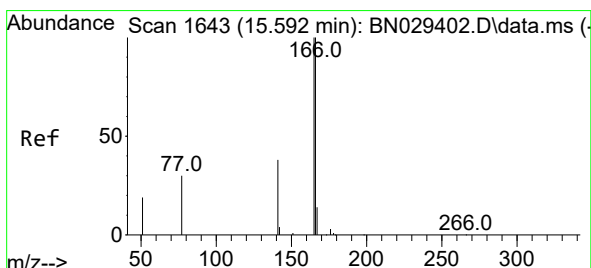
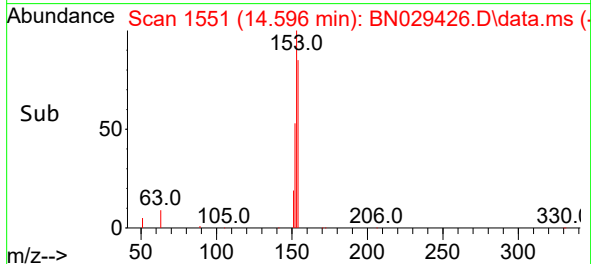
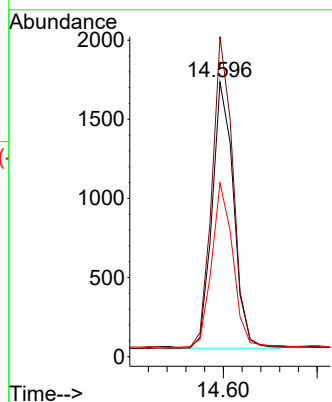
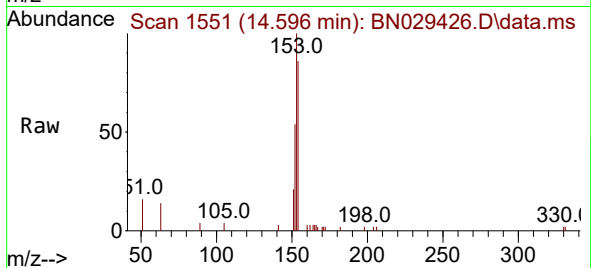
Tgt Ion:154 Resp: 2657

Ion Ratio Lower Upper

154 100

153 116.8 93.6 140.4

152 61.6 48.6 73.0



#18

Fluorene

Concen: 0.173 ng

RT: 15.580 min Scan# 1642

Delta R.T. -0.013 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

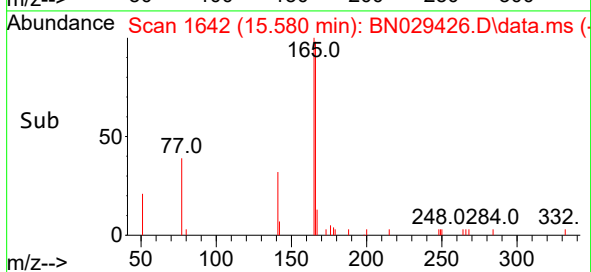
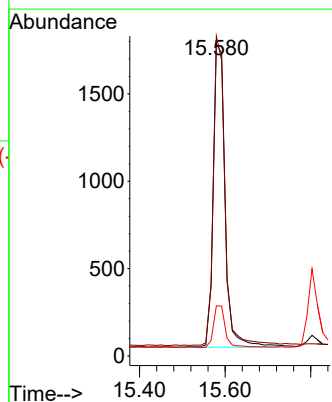
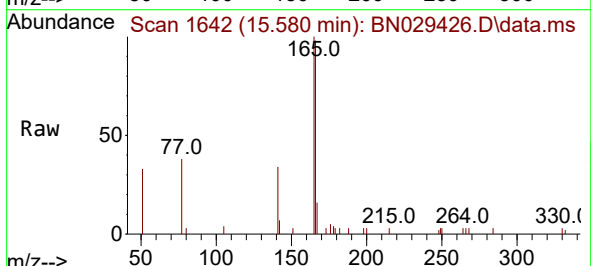
Tgt Ion:166 Resp: 3320

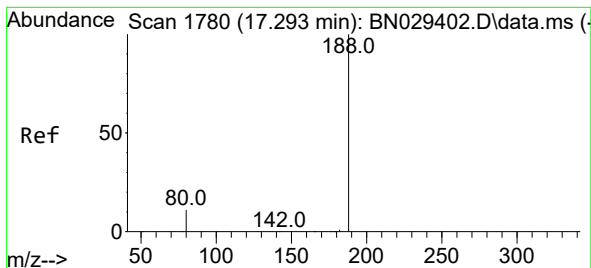
Ion Ratio Lower Upper

166 100

165 99.5 79.9 119.9

167 14.1 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.292 min Scan# 1780

Delta R.T. -0.000 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2023

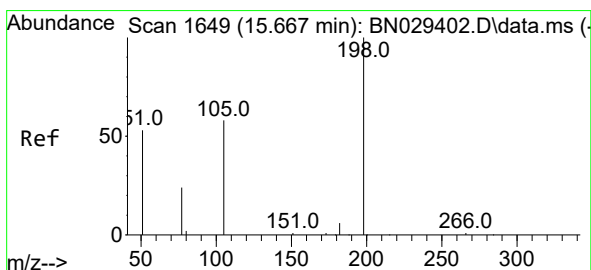
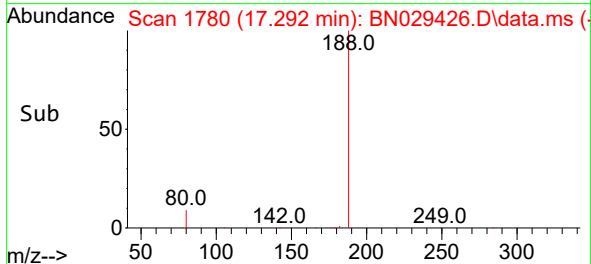
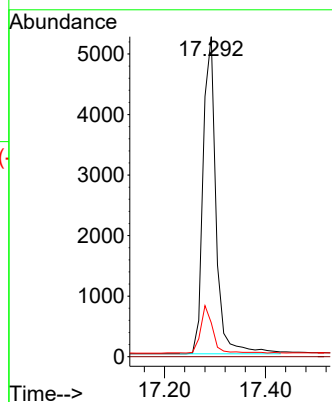
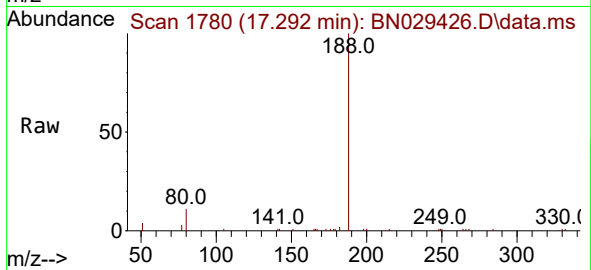
Tgt Ion:188 Resp: 9398

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.6 10.0 15.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.187 ng

RT: 15.666 min Scan# 1649

Delta R.T. -0.000 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

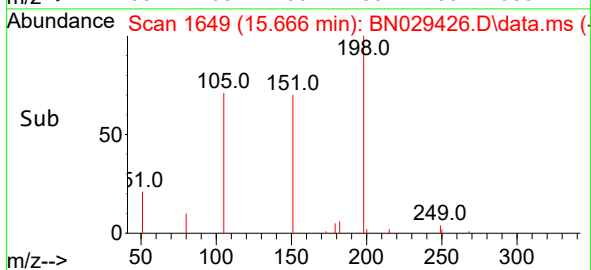
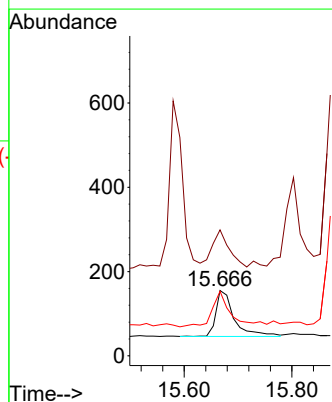
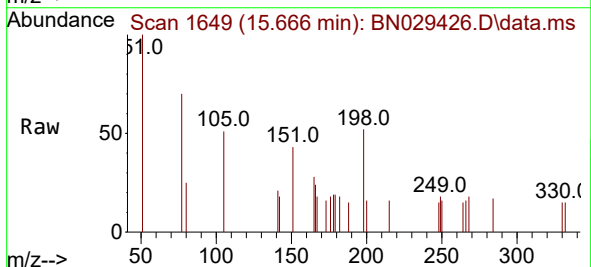
Tgt Ion:198 Resp: 258

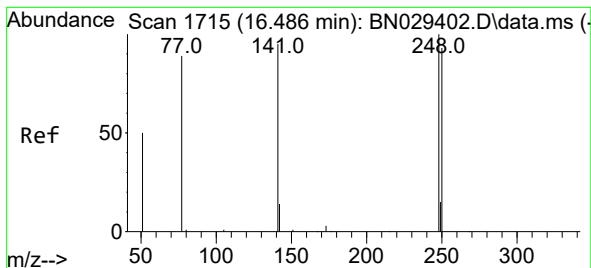
Ion Ratio Lower Upper

198 100

51 192.9 111.0 166.6#

105 98.7 67.0 100.6

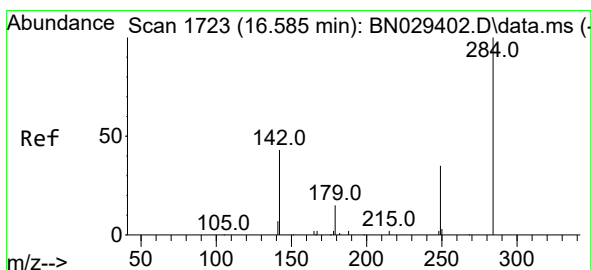
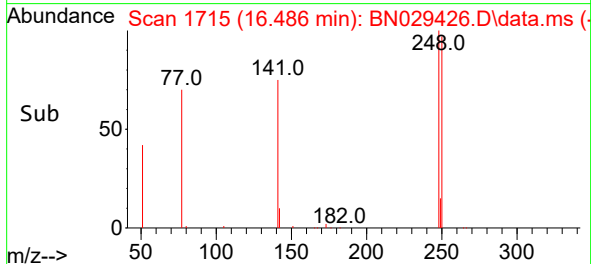
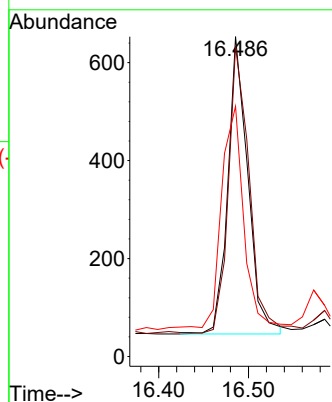
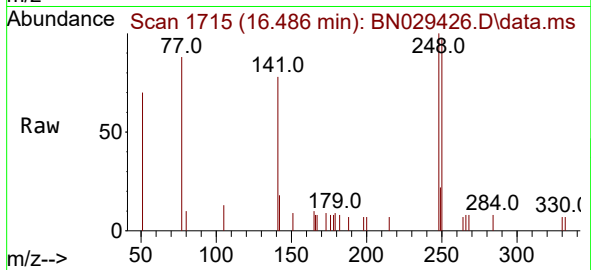




#21
4-Bromophenyl-phenylether
Concen: 0.168 ng
RT: 16.486 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN029426.D
Acq: 30 Jan 2024 23:44

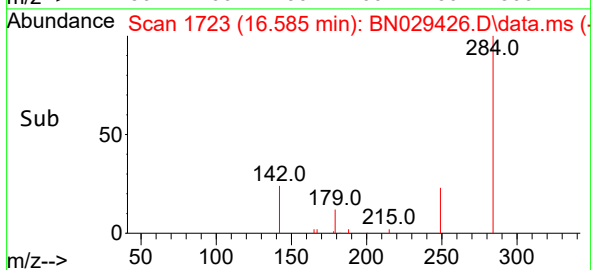
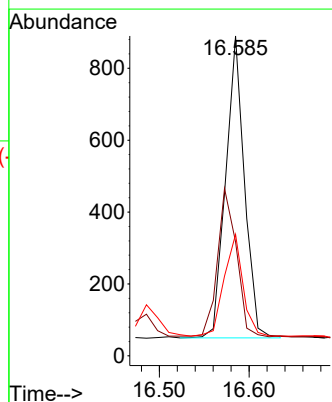
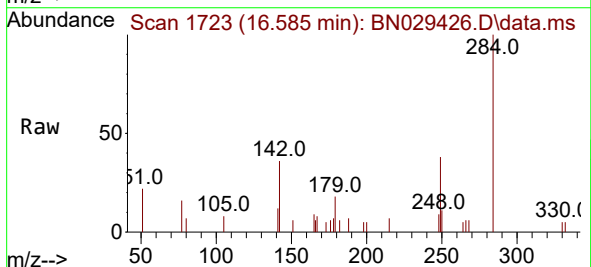
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

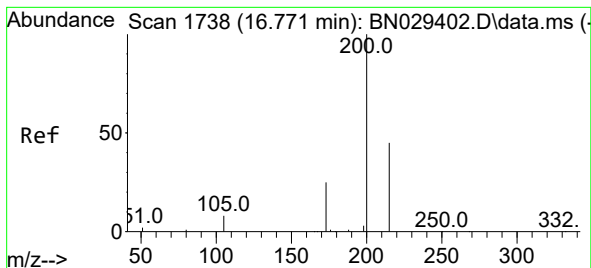
Tgt Ion:	248	Resp:	939
Ion	Ratio	Lower	Upper
248	100		
250	96.9	75.0	112.4
141	78.3	77.0	115.6



#22
Hexachlorobenzene
Concen: 0.178 ng
RT: 16.585 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN029426.D
Acq: 30 Jan 2024 23:44

Tgt Ion:	284	Resp:	1222
Ion	Ratio	Lower	Upper
284	100		
142	49.5	39.4	59.2
249	33.7	26.9	40.3





#23

Atrazine

Concen: 0.179 ng

RT: 16.759 min Scan# 1737

Delta R.T. -0.013 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2023

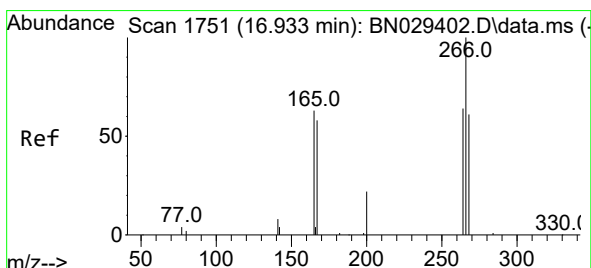
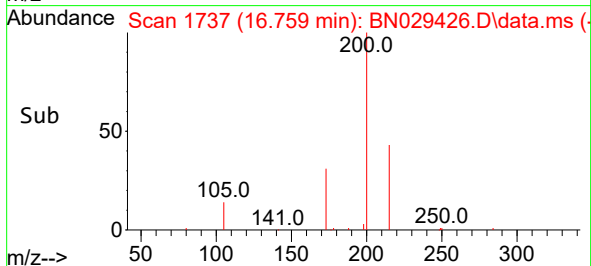
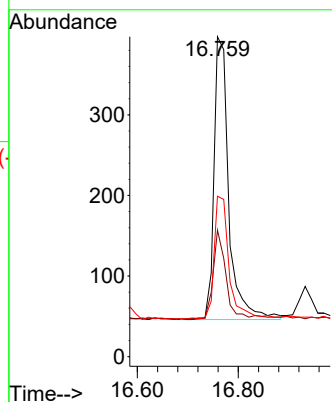
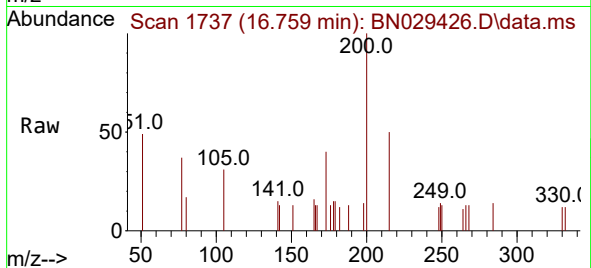
Tgt Ion:200 Resp: 713

Ion Ratio Lower Upper

200 100

173 39.5 23.4 35.0#

215 50.1 38.4 57.6



#24

Pentachlorophenol

Concen: 0.166 ng

RT: 16.933 min Scan# 1751

Delta R.T. -0.000 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

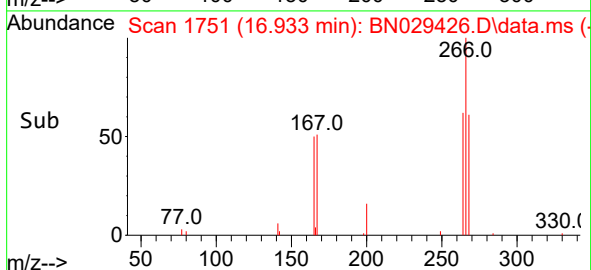
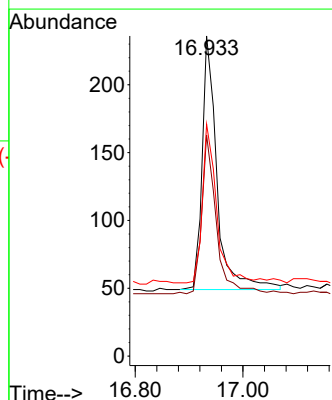
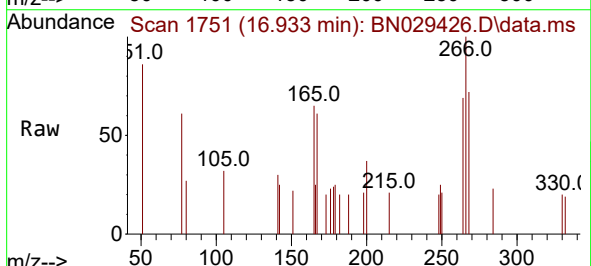
Tgt Ion:266 Resp: 360

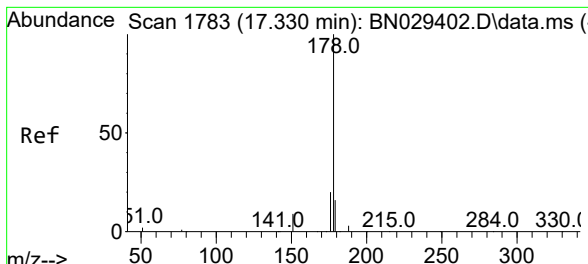
Ion Ratio Lower Upper

266 100

264 61.1 50.8 76.2

268 59.4 51.5 77.3

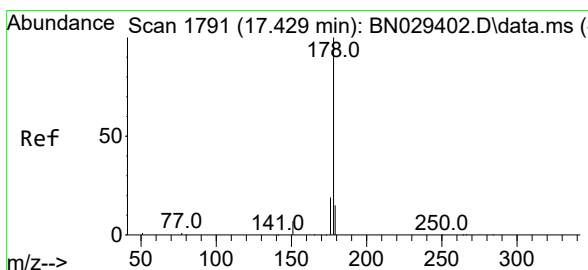
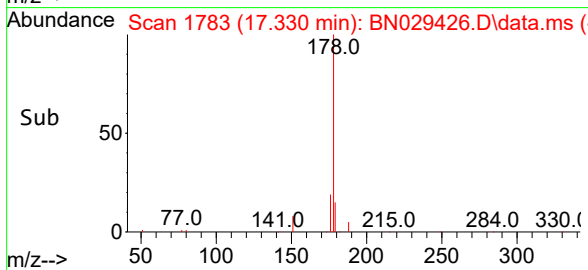
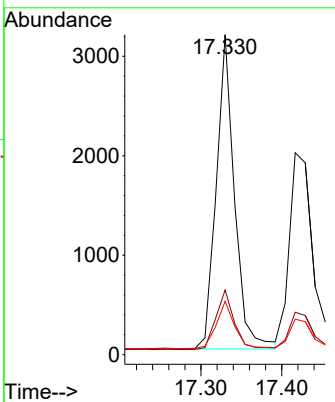
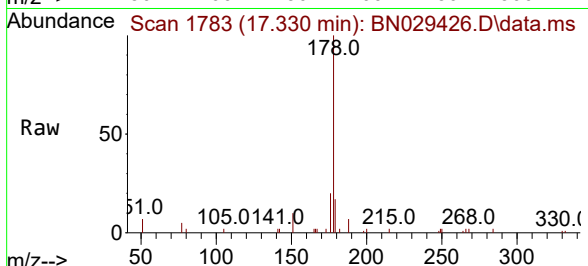




#25
 Phenanthrene
 Concen: 0.178 ng
 RT: 17.330 min Scan# 1783
 Delta R.T. -0.000 min
 Lab File: BN029426.D
 Acq: 30 Jan 2024 23:44

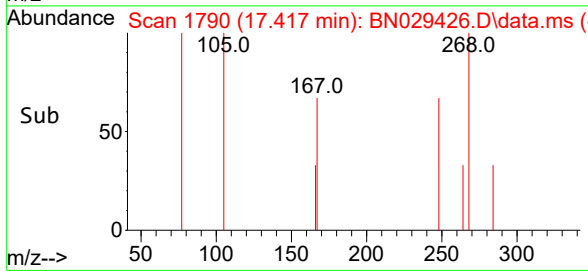
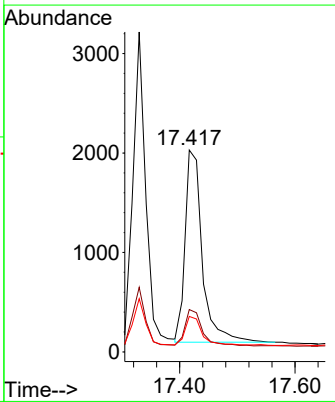
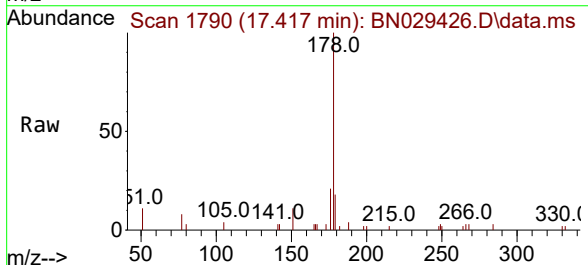
Instrument : BNA_N
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2023

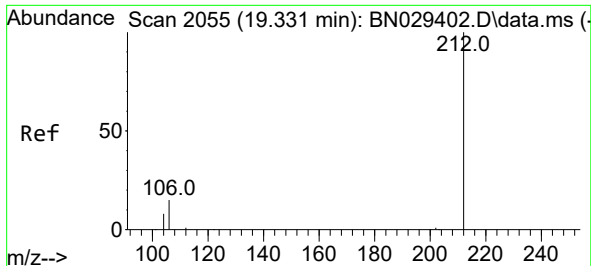
Tgt Ion:	178	Resp:	4959
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	15.2	12.6	19.0



#26
 Anthracene
 Concen: 0.169 ng
 RT: 17.417 min Scan# 1790
 Delta R.T. -0.013 min
 Lab File: BN029426.D
 Acq: 30 Jan 2024 23:44

Tgt Ion:	178	Resp:	4011
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.0	12.3	18.5

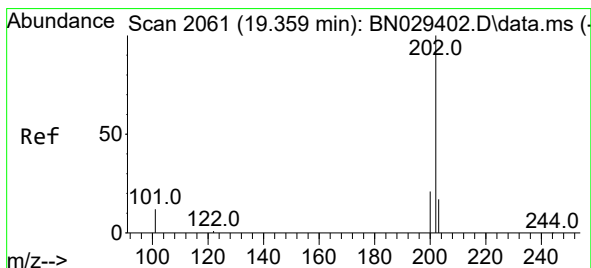
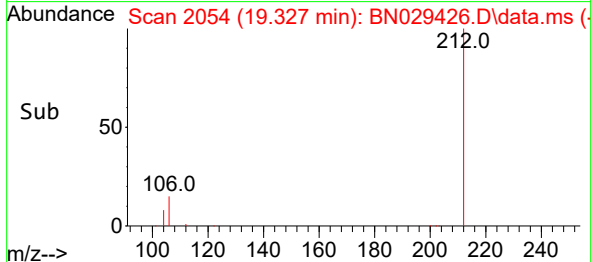
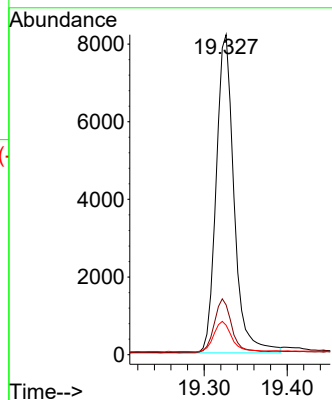
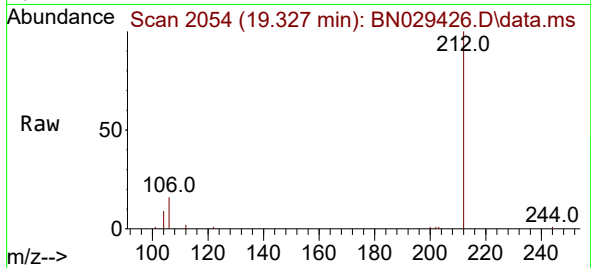




#27
Fluoranthene-d10
Concen: 0.537 ng
RT: 19.327 min Scan# 2054
Delta R.T. -0.005 min
Lab File: BN029426.D
Acq: 30 Jan 2024 23:44

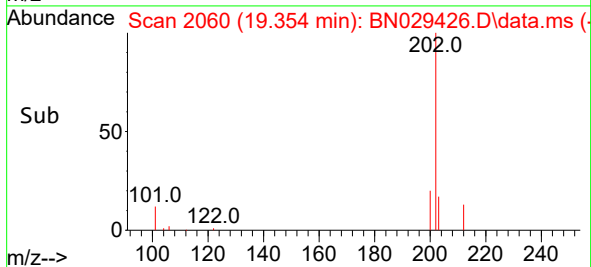
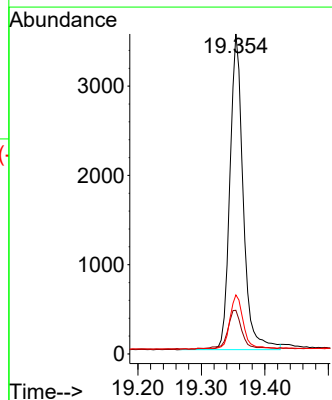
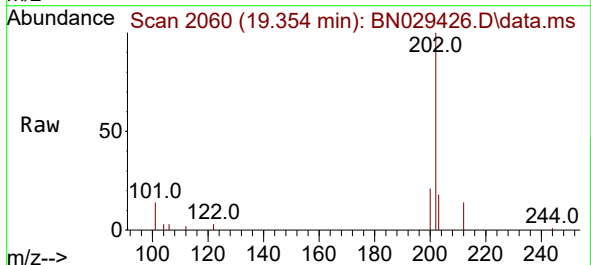
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

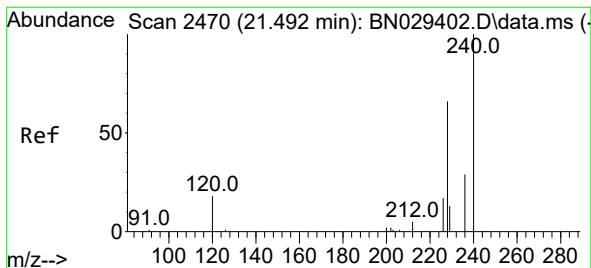
Tgt Ion:212 Resp: 12213
Ion Ratio Lower Upper
212 100
106 16.5 13.2 19.8
104 9.6 7.7 11.5



#28
Fluoranthene
Concen: 0.164 ng
RT: 19.354 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BN029426.D
Acq: 30 Jan 2024 23:44

Tgt Ion:202 Resp: 5133
Ion Ratio Lower Upper
202 100
101 13.6 10.5 15.7
203 16.6 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.492 min Scan# 2470

Delta R.T. -0.000 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2023

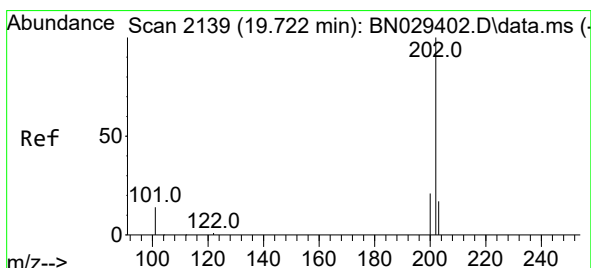
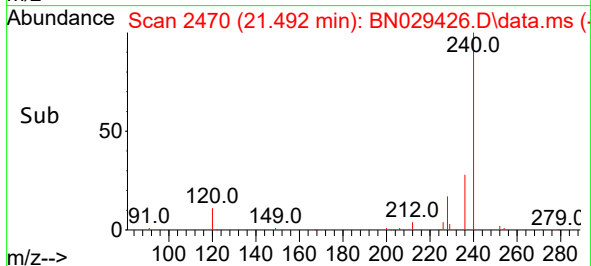
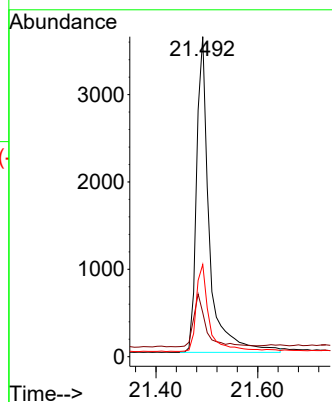
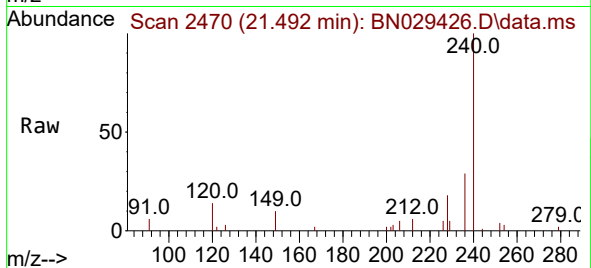
Tgt Ion:240 Resp: 6297

Ion Ratio Lower Upper

240 100

120 13.7 16.7 25.1#

236 28.8 23.9 35.9



#30

Pyrene

Concen: 0.178 ng

RT: 19.717 min Scan# 2138

Delta R.T. -0.005 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

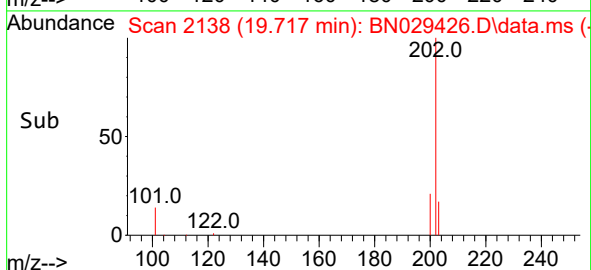
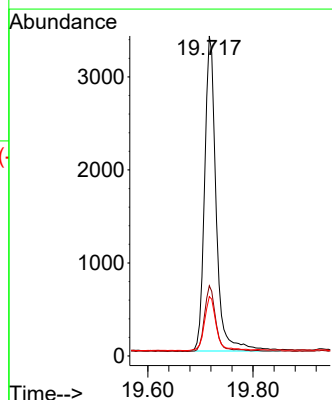
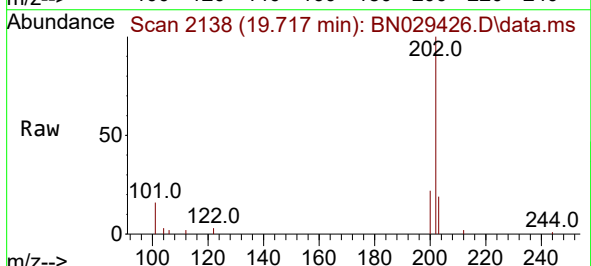
Tgt Ion:202 Resp: 5169

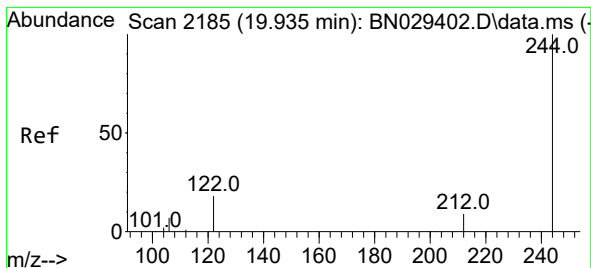
Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

203 17.3 14.2 21.4





#31

Terphenyl-d14

Concen: 0.339 ng

RT: 19.935 min Scan# 2185

Delta R.T. -0.000 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

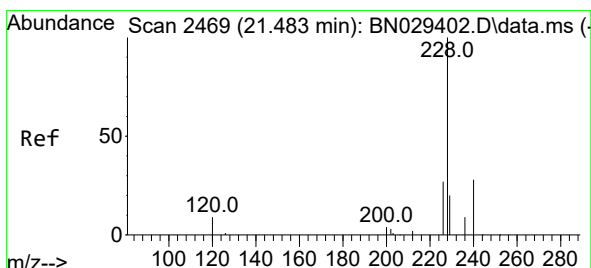
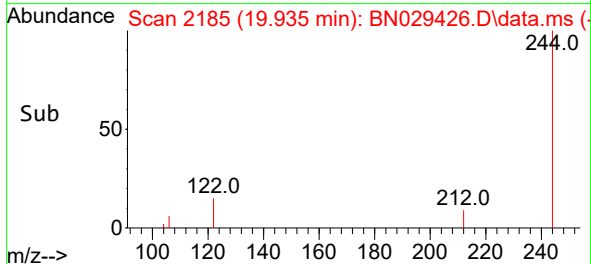
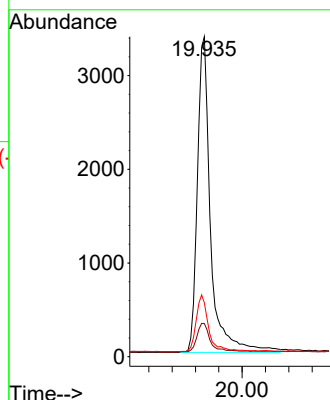
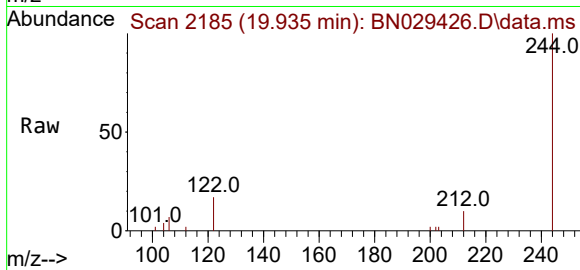
Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2023

Tgt Ion:244	Resp:	5294
Ion Ratio	Lower	Upper
244	100	
212	10.4	8.2 12.4
122	16.8	15.6 23.4



#32

Benzo(a)anthracene

Concen: 0.172 ng

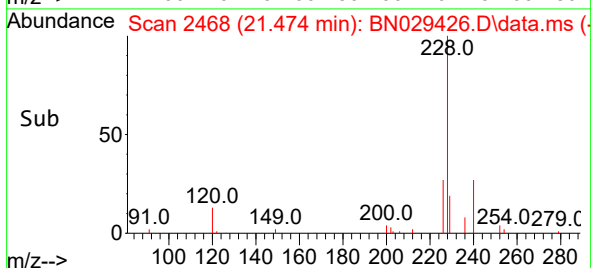
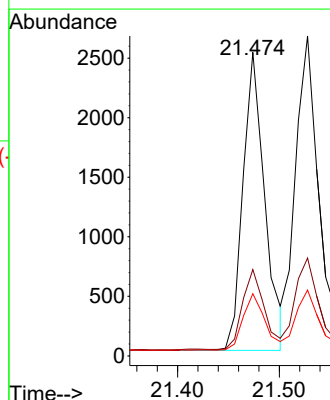
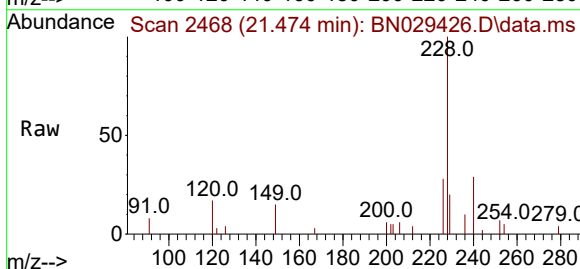
RT: 21.474 min Scan# 2468

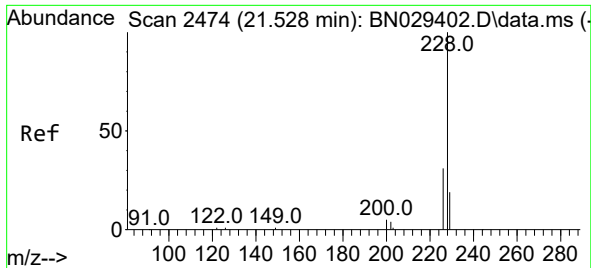
Delta R.T. -0.009 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

Tgt Ion:228	Resp:	3710
Ion Ratio	Lower	Upper
228	100	
226	28.4	22.2 33.4
229	20.5	16.5 24.7





#33

Chrysene

Concen: 0.178 ng

RT: 21.528 min Scan# 2474

Delta R.T. -0.000 min

Lab File: BN029426.D

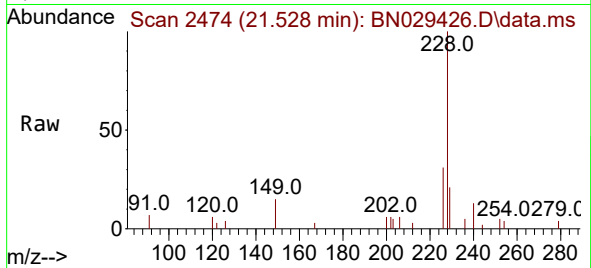
Acq: 30 Jan 2024 23:44

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2023



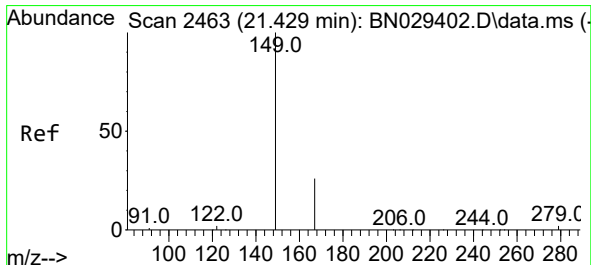
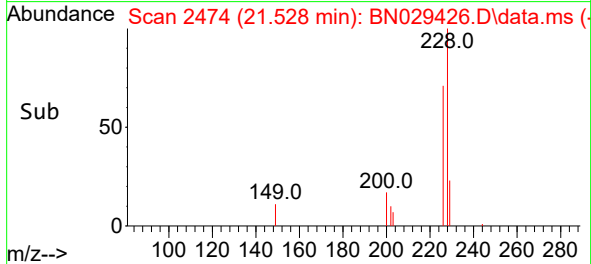
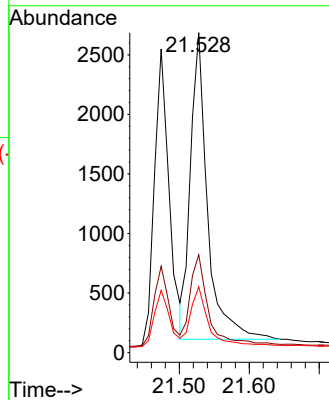
Tgt Ion:228 Resp: 4352

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

229 20.6 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.182 ng

RT: 21.420 min Scan# 2462

Delta R.T. -0.009 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

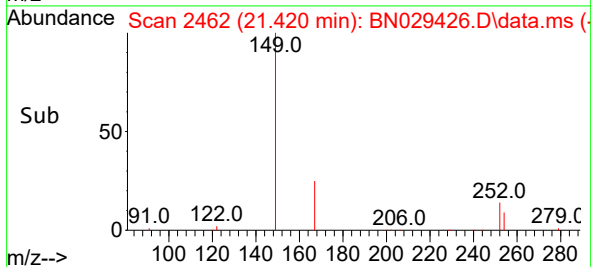
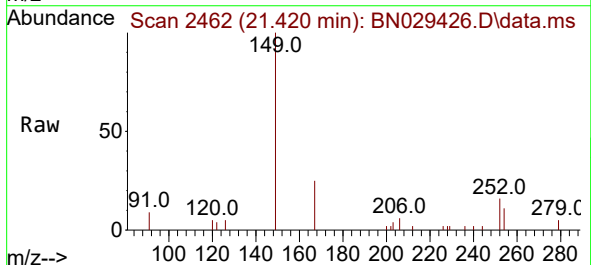
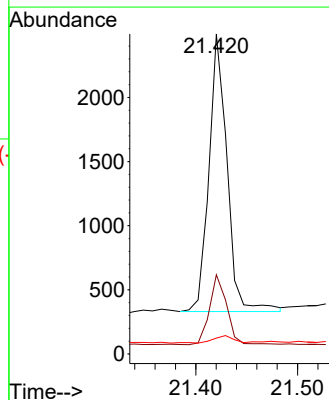
Tgt Ion:149 Resp: 2669

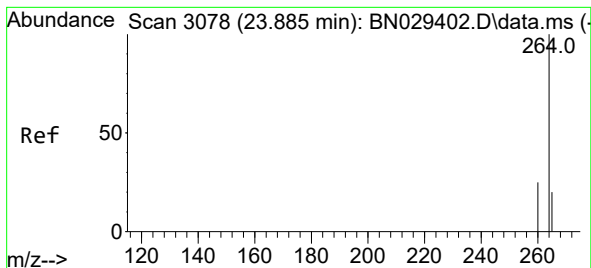
Ion Ratio Lower Upper

149 100

167 24.2 20.1 30.1

279 2.7 2.5 3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.873 min Scan# 3078

Delta R.T. -0.012 min

Lab File: BN029426.D

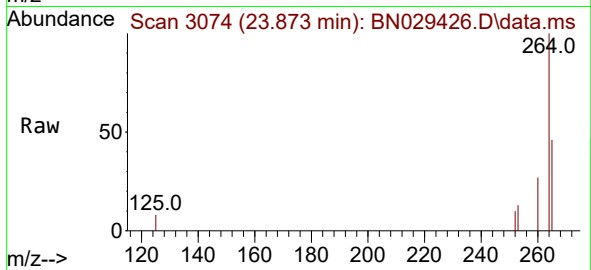
Acq: 30 Jan 2024 23:44

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2023



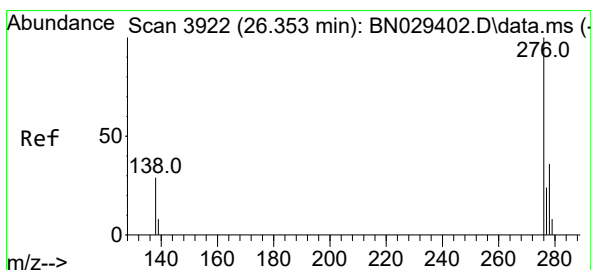
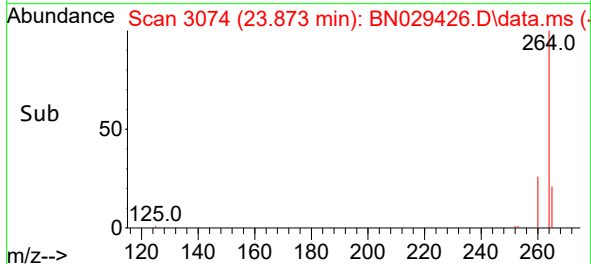
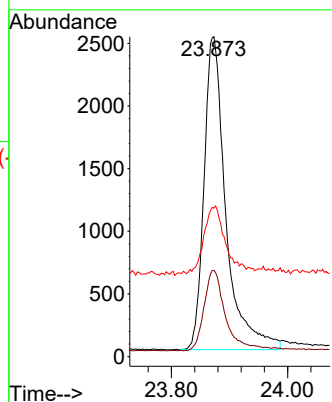
Tgt Ion:264 Resp: 6525

Ion Ratio Lower Upper

264 100

260 26.9 21.2 31.8

265 46.4 41.5 62.3



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.158 ng

RT: 26.341 min Scan# 3918

Delta R.T. -0.012 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

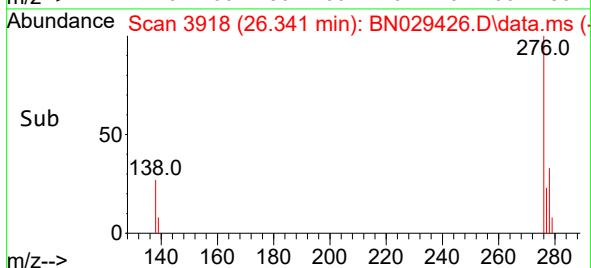
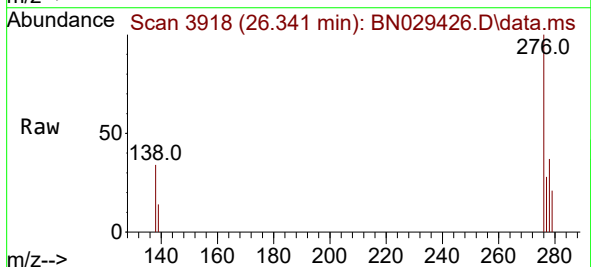
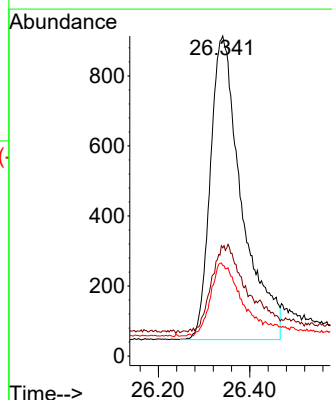
Tgt Ion:276 Resp: 4132

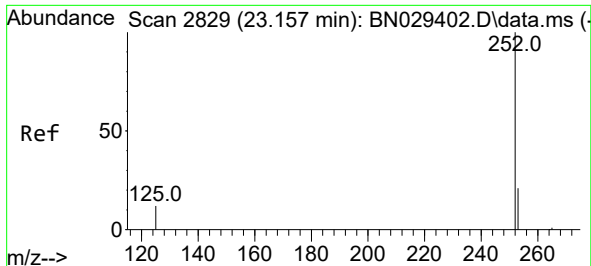
Ion Ratio Lower Upper

276 100

138 12.6 20.5 30.7#

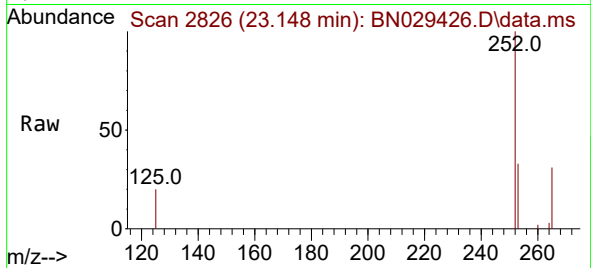
277 22.9 17.0 25.4



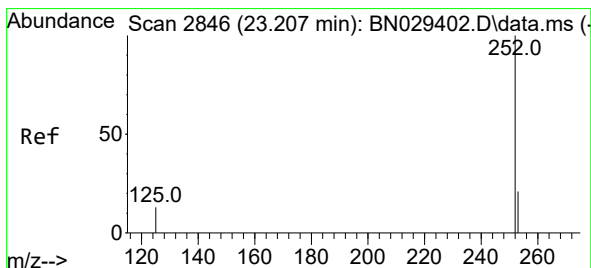
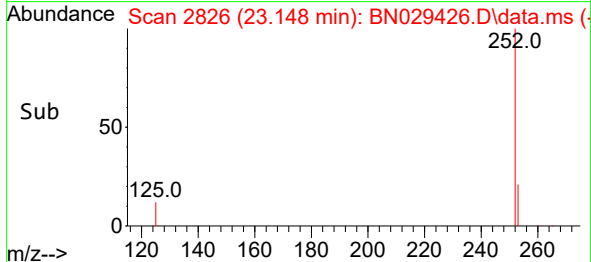
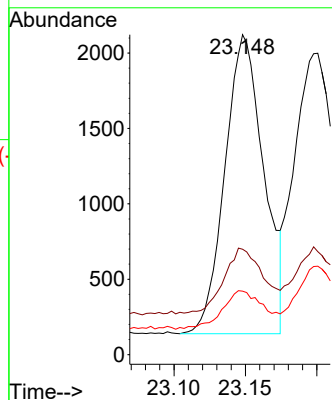


#37
Benzo(b)fluoranthene
Concen: 0.161 ng
RT: 23.148 min Scan# 2826
Delta R.T. -0.009 min
Lab File: BN029426.D
Acq: 30 Jan 2024 23:44

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

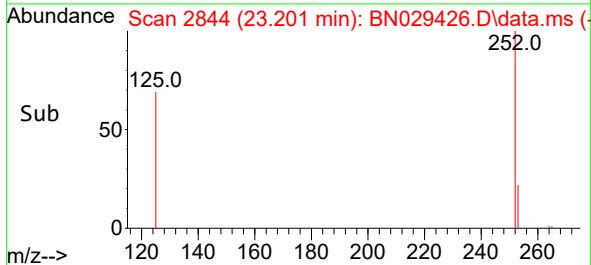
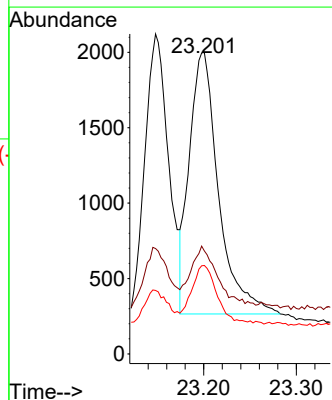
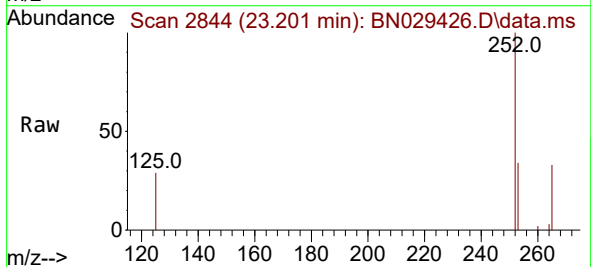


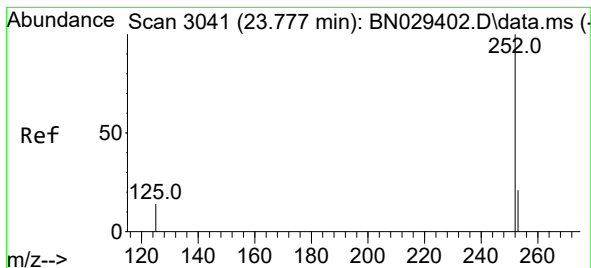
Tgt Ion:252 Resp: 3752
Ion Ratio Lower Upper
252 100
253 32.9 21.7 32.5#
125 19.8 13.3 19.9



#38
Benzo(k)fluoranthene
Concen: 0.156 ng
RT: 23.201 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BN029426.D
Acq: 30 Jan 2024 23:44

Tgt Ion:252 Resp: 3817
Ion Ratio Lower Upper
252 100
253 34.2 21.8 32.8#
125 29.4 13.9 20.9#





#39

Benzo(a)pyrene

Concen: 0.163 ng

RT: 23.765 min Scan# 3041

Delta R.T. -0.012 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2023

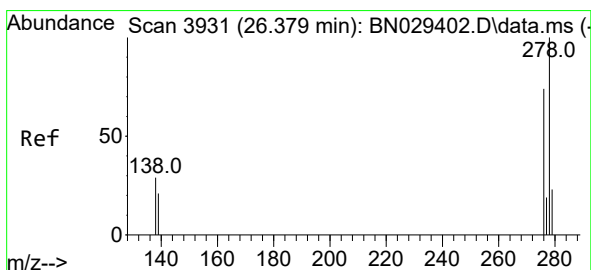
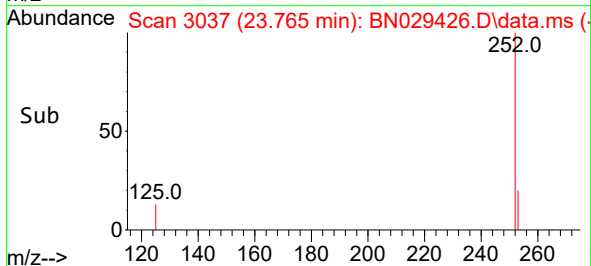
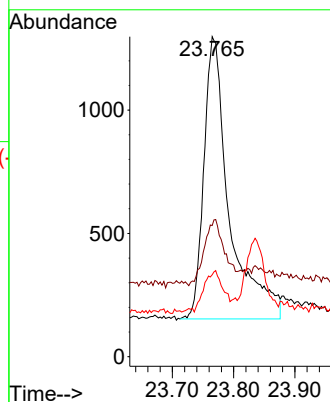
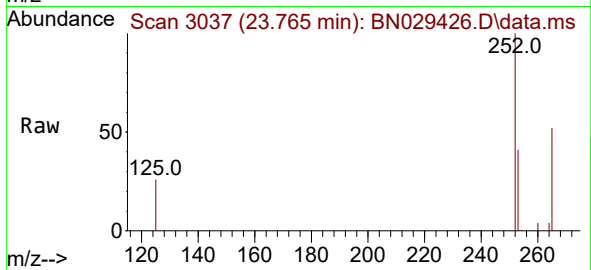
Tgt Ion:252 Resp: 3315

Ion Ratio Lower Upper

252 100

253 41.0 24.9 37.3#

125 25.6 16.6 25.0#



#40

Dibenzo(a,h)anthracene

Concen: 0.150 ng

RT: 26.367 min Scan# 3927

Delta R.T. -0.012 min

Lab File: BN029426.D

Acq: 30 Jan 2024 23:44

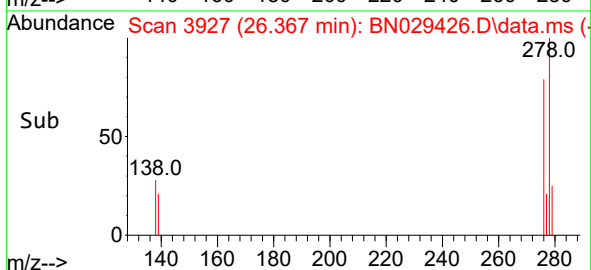
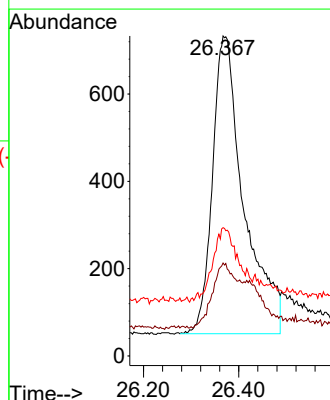
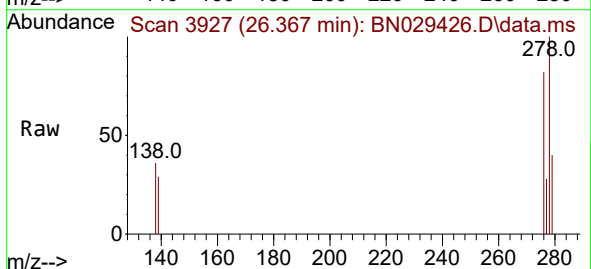
Tgt Ion:278 Resp: 3123

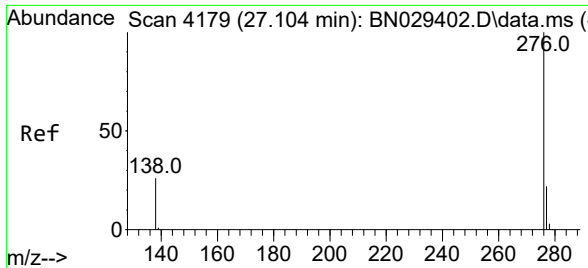
Ion Ratio Lower Upper

278 100

139 29.1 20.4 30.6

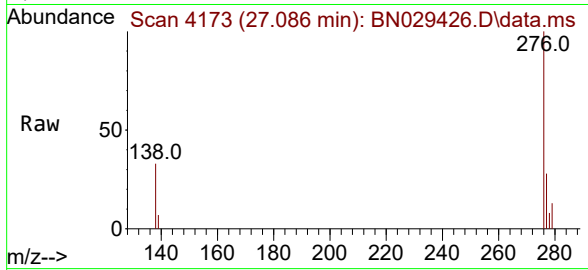
279 40.1 25.0 37.6#





#41
Benzo(g,h,i)perylene
Concen: 0.152 ng
RT: 27.086 min Scan# 41
Delta R.T. -0.018 min
Lab File: BN029426.D
Acq: 30 Jan 2024 23:44

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023



Tgt Ion:276 Resp: 3857

Ion	Ratio	Lower	Upper
276	100		
277	27.8	19.4	29.2
138	33.0	23.5	35.3

