

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110824\
 Data File : BN034901.D
 Acq On : 08 Nov 2024 10:17
 Operator : RC/JU
 Sample : P4368-03
 Misc : MDL-MDL-SOIL-0.2 ng
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Quant Time: Nov 08 10:43:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 15:02:36 2024
 Response via : Initial Calibration

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

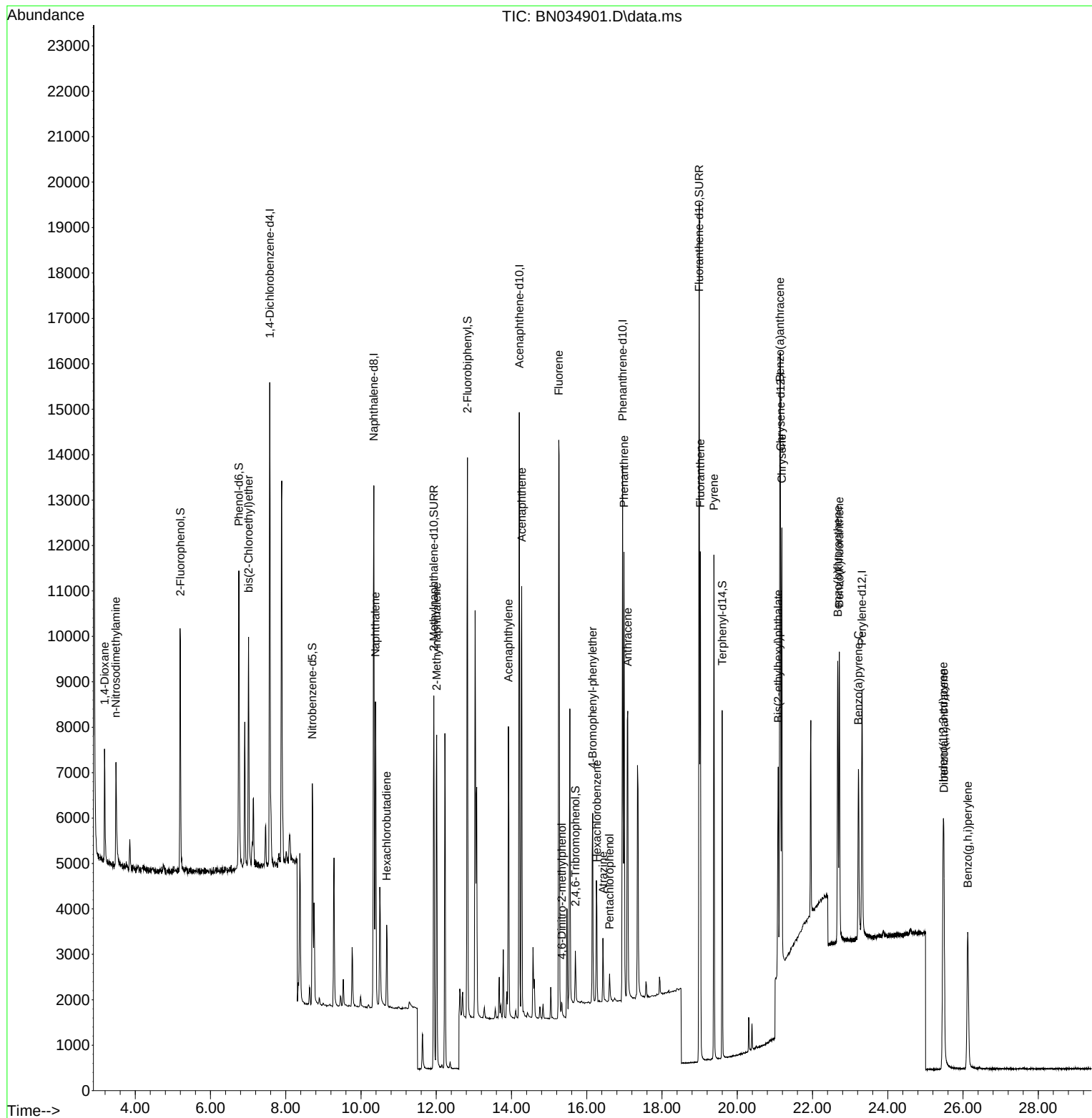
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	4985	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	14730	0.400	ng	0.00
13) Acenaphthene-d10	14.208	164	6925	0.400	ng	0.00
19) Phenanthrene-d10	16.952	188	14040	0.400	ng	# 0.00
29) Chrysene-d12	21.149	240	8598	0.400	ng	0.00
35) Perylene-d12	23.315	264	7109	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.199	112	4373	0.315	ng	0.00
5) Phenol-d6	6.752	99	5912	0.321	ng	0.00
8) Nitrobenzene-d5	8.707	82	4006	0.349	ng	0.00
11) 2-Methylnaphthalene-d10	11.935	152	11192	0.557	ng	0.00
14) 2,4,6-Tribromophenol	15.698	330	565	0.318	ng	0.00
15) 2-Fluorobiphenyl	12.828	172	10380	0.355	ng	0.00
27) Fluoranthene-d10	18.990	212	18891	0.597	ng	0.00
31) Terphenyl-d14	19.598	244	6089	0.378	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.184	88	1483	0.235	ng	97
3) n-Nitrosodimethylamine	3.487	42	1766	0.208	ng	# 98
6) bis(2-Chloroethyl)ether	7.012	93	3524	0.221	ng	99
9) Naphthalene	10.383	128	8901	0.218	ng	99
10) Hexachlorobutadiene	10.682	225	1364	0.209	ng	# 99
12) 2-Methylnaphthalene	12.010	142	5383	0.215	ng	97
16) Acenaphthylene	13.919	152	7116	0.213	ng	100
17) Acenaphthene	14.272	154	4725	0.204	ng	99
18) Fluorene	15.255	166	6030	0.210	ng	100
20) 4,6-Dinitro-2-methylph...	15.341	198	205	0.185	ng	84
21) 4-Bromophenyl-phenylether	16.157	248	1540	0.206	ng	# 89
22) Hexachlorobenzene	16.269	284	1953	0.217	ng	97
23) Atrazine	16.430	200	1084	0.200	ng	# 94
24) Pentachlorophenol	16.604	266	326	0.181	ng	93
25) Phenanthrene	16.989	178	9596	0.223	ng	100
26) Anthracene	17.088	178	8239	0.222	ng	100
28) Fluoranthene	19.017	202	9659	0.213	ng	99
30) Pyrene	19.380	202	9477	0.218	ng	100
32) Benzo(a)anthracene	21.131	228	7284	0.217	ng	100
33) Chrysene	21.185	228	8089	0.228	ng	98
34) Bis(2-ethylhexyl)phtha...	21.086	149	3853	0.200	ng	98
36) Indeno(1,2,3-cd)pyrene	25.473	276	6315	0.199	ng	100
37) Benzo(b)fluoranthene	22.669	252	7181	0.230	ng	92
38) Benzo(k)fluoranthene	22.713	252	7158	0.220	ng	93
39) Benzo(a)pyrene	23.219	252	5121	0.206	ng	# 89
40) Dibenzo(a,h)anthracene	25.490	278	4828	0.197	ng	97
41) Benzo(g,h,i)perylene	26.125	276	5348	0.206	ng	97

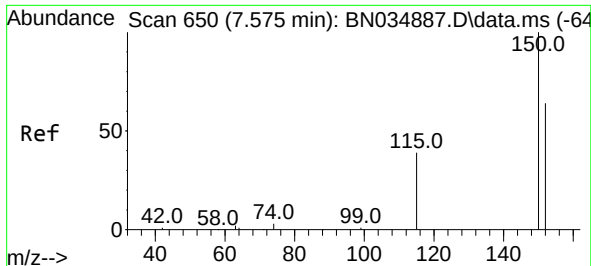
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110824\
Data File : BN034901.D
Acq On : 08 Nov 2024 10:17
Operator : RC/JU
Sample : P4368-03
Misc : MDL-MDL-SOIL-0.2 ng
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

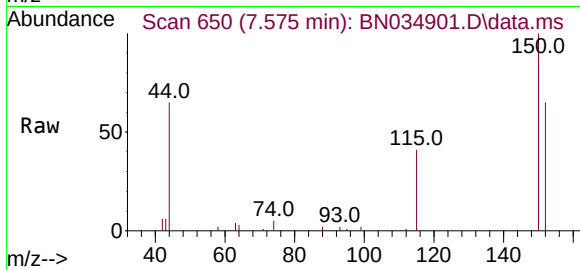
Quant Time: Nov 08 10:43:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 15:02:36 2024
Response via : Initial Calibration





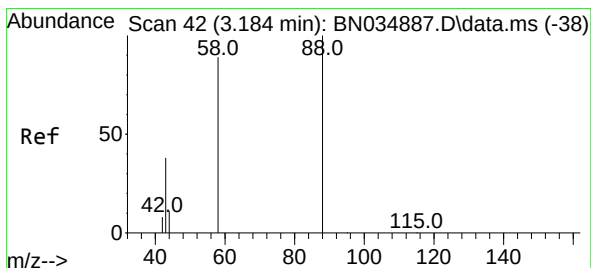
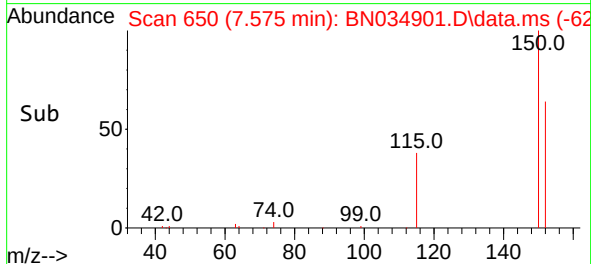
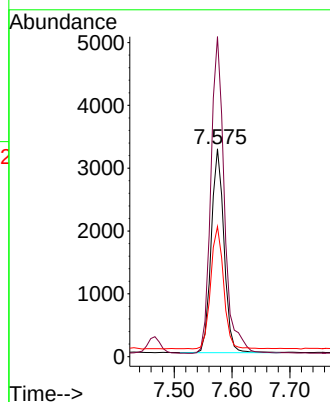
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN034901.D
 Acq: 08 Nov 2024 10:17

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2024



Tgt Ion:152 Resp: 4985

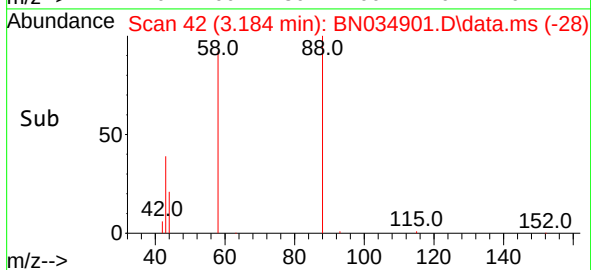
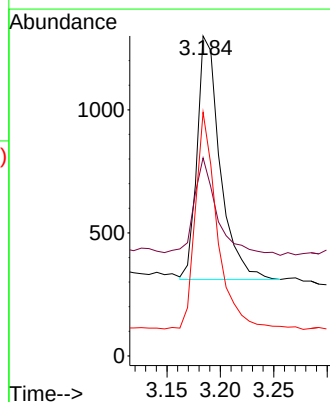
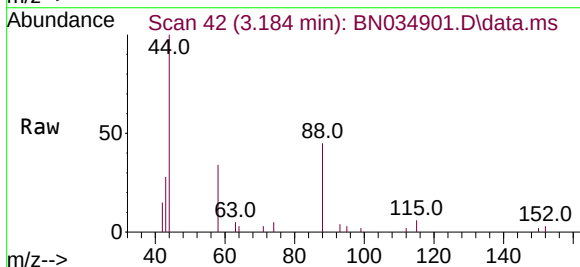
Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.4	186.6
115	62.5	50.5	75.7

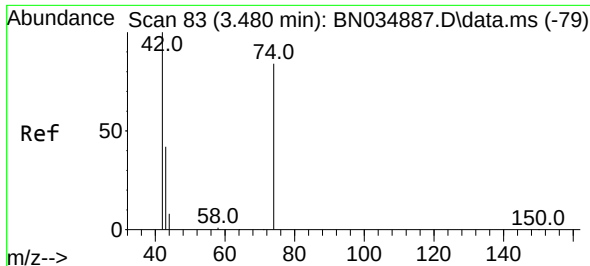


#2
 1,4-Dioxane
 Concen: 0.235 ng
 RT: 3.184 min Scan# 42
 Delta R.T. 0.000 min
 Lab File: BN034901.D
 Acq: 08 Nov 2024 10:17

Tgt Ion: 88 Resp: 1483

Ion	Ratio	Lower	Upper
88	100		
43	40.7	28.2	42.2
58	84.5	67.1	100.7

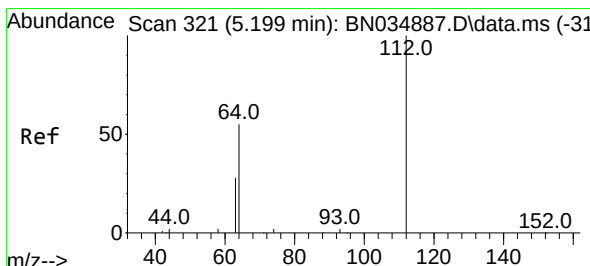
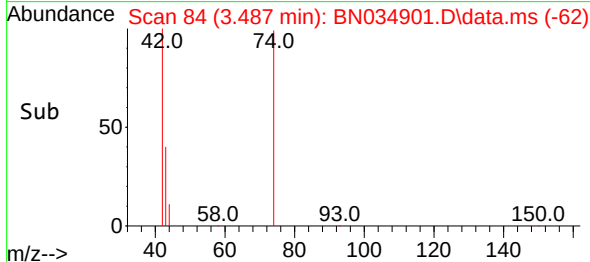
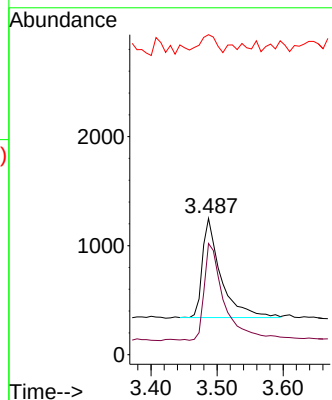
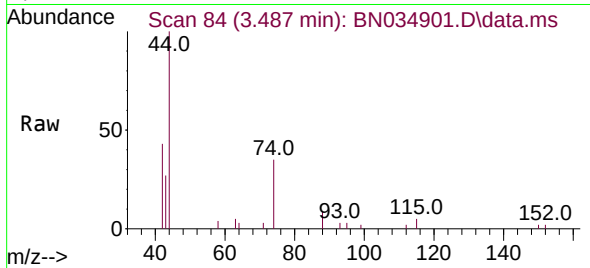




#3
n-Nitrosodimethylamine
Concen: 0.208 ng
RT: 3.487 min Scan# 84
Delta R.T. 0.007 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

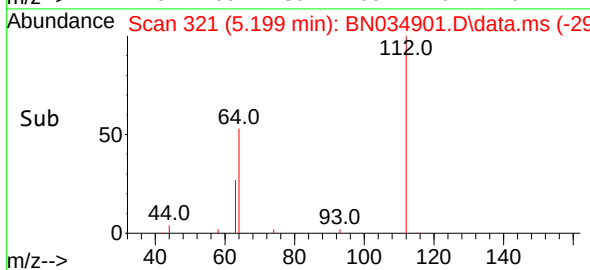
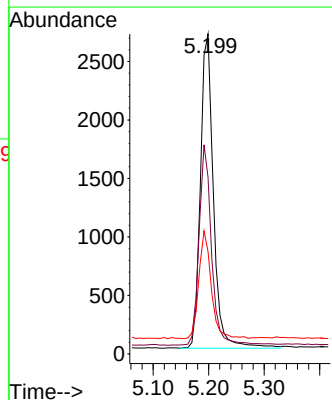
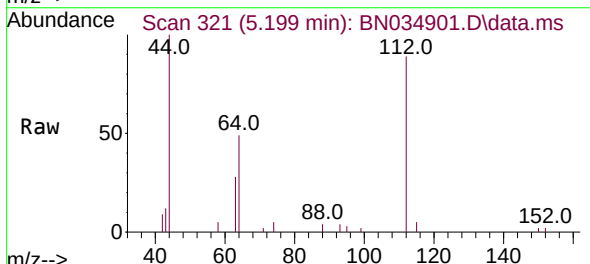
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

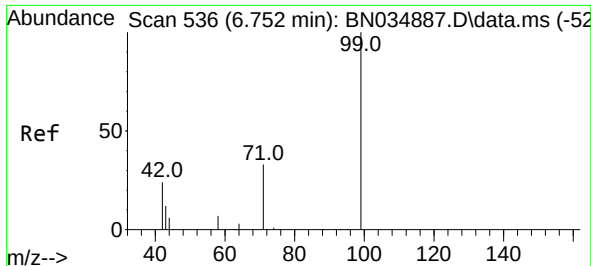
Tgt Ion: 42 Resp: 1766
Ion Ratio Lower Upper
42 100
74 105.8 83.4 125.2
44 15.2 8.6 12.8#



#4
2-Fluorophenol
Concen: 0.315 ng
RT: 5.199 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

Tgt Ion: 112 Resp: 4373
Ion Ratio Lower Upper
112 100
64 62.0 49.6 74.4
63 32.7 26.3 39.5

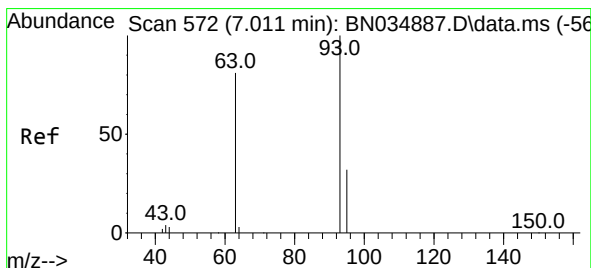
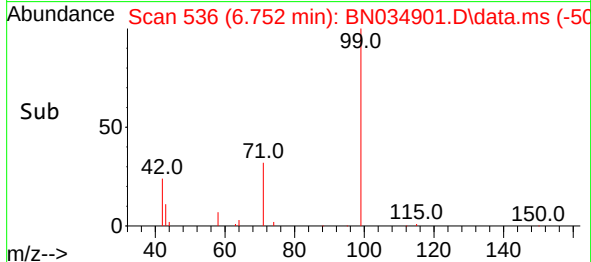
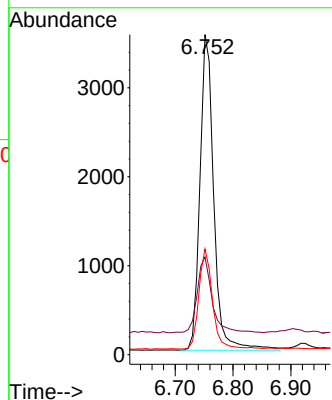
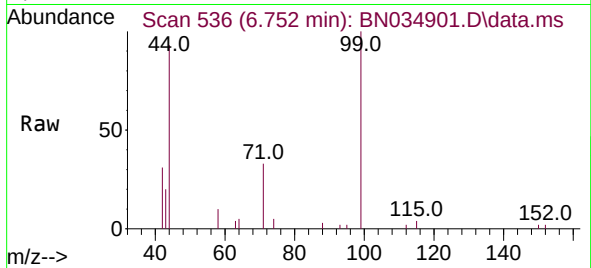




#5
Phenol-d6
Concen: 0.321 ng
RT: 6.752 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

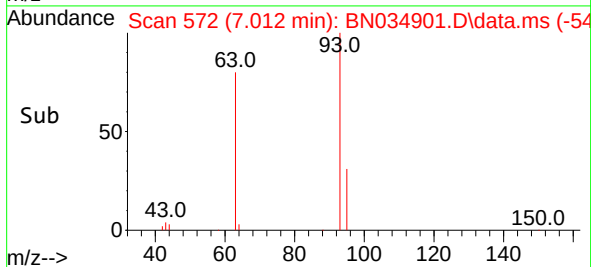
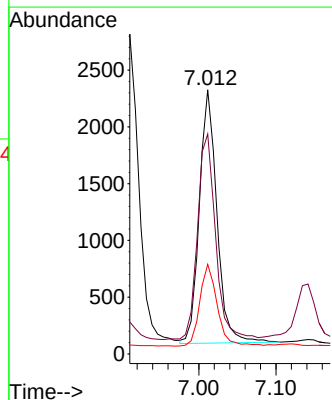
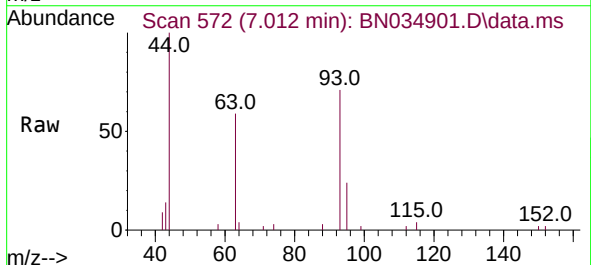
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

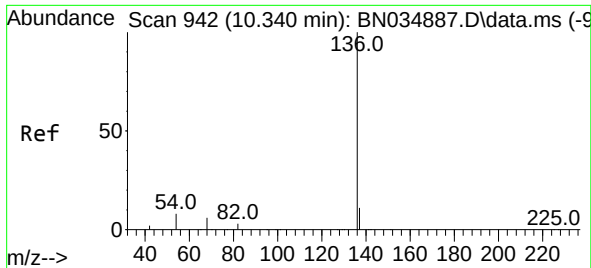
Tgt Ion:	99	Resp:	5912
Ion	Ratio	Lower	Upper
99	100		
42	25.6	20.2	30.2
71	31.3	25.4	38.0



#6
bis(2-Chloroethyl)ether
Concen: 0.221 ng
RT: 7.012 min Scan# 572
Delta R.T. 0.000 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

Tgt Ion:	93	Resp:	3524
Ion	Ratio	Lower	Upper
93	100		
63	83.7	67.5	101.3
95	32.0	25.7	38.5

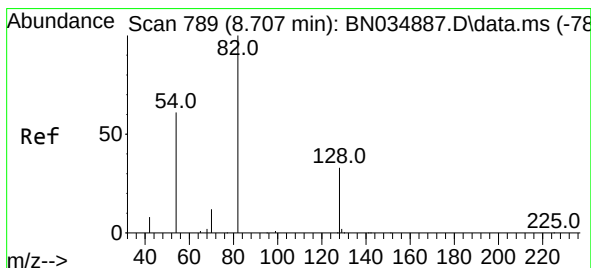
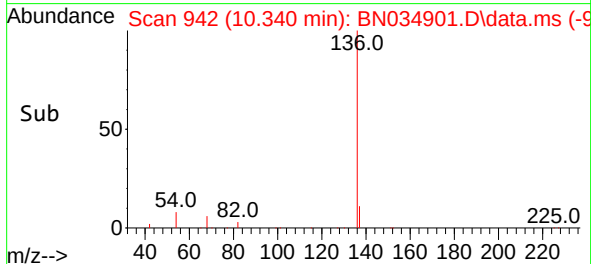
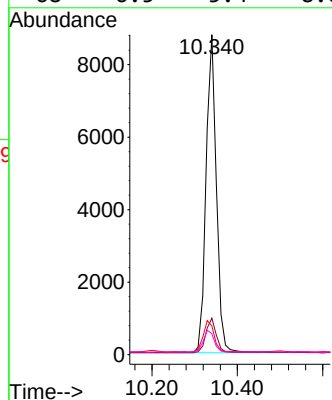
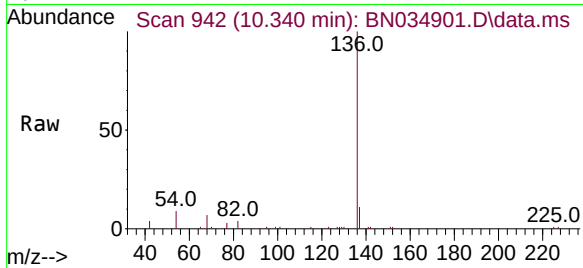




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 942
Delta R.T. 0.000 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

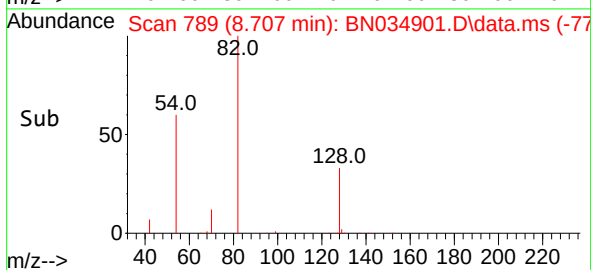
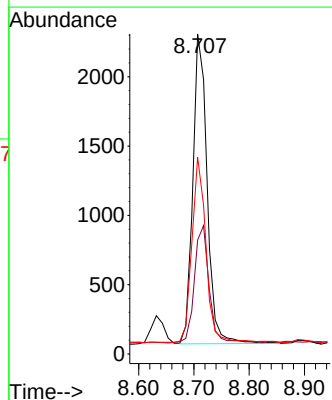
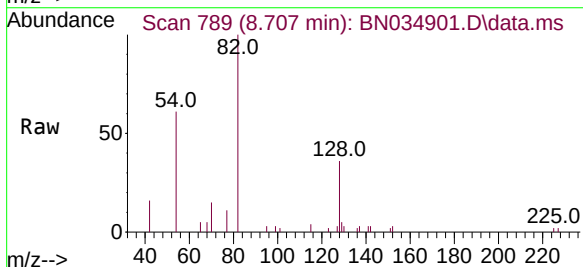
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

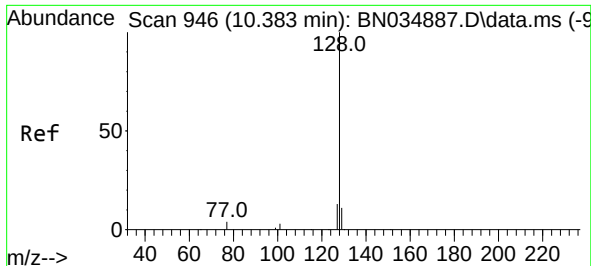
Tgt Ion:	136	Resp:	14730
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.9	6.9	10.3
68	6.5	5.4	8.0



#8
Nitrobenzene-d5
Concen: 0.349 ng
RT: 8.707 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

Tgt Ion:	82	Resp:	4006
Ion	Ratio	Lower	Upper
82	100		
128	35.6	28.1	42.1
54	61.5	49.8	74.6

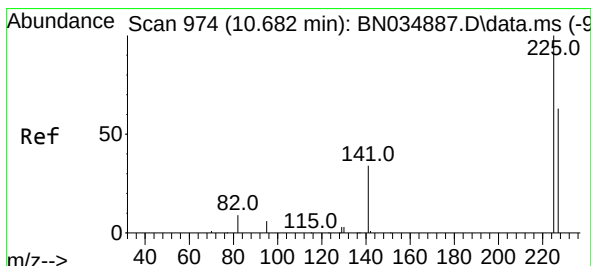
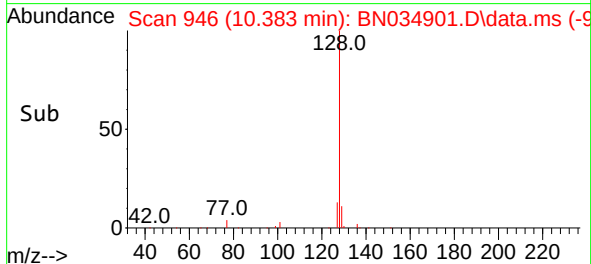
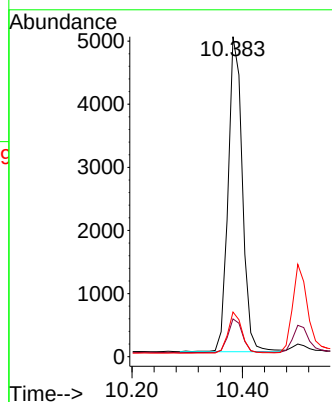
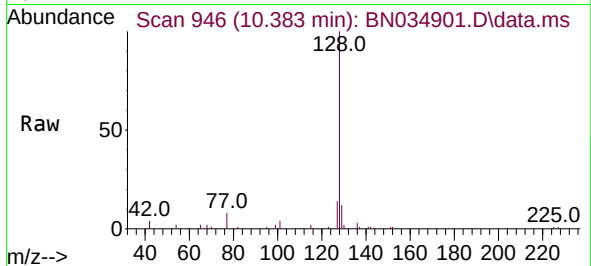




#9
Naphthalene
Concen: 0.218 ng
RT: 10.383 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

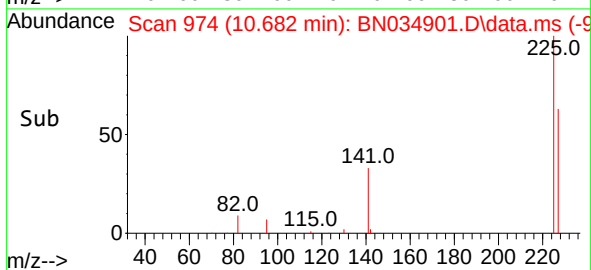
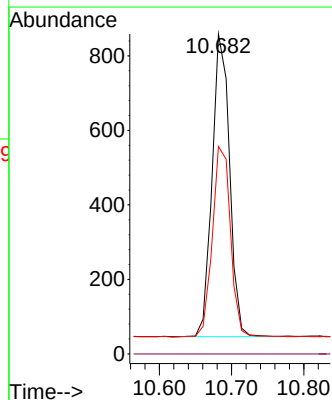
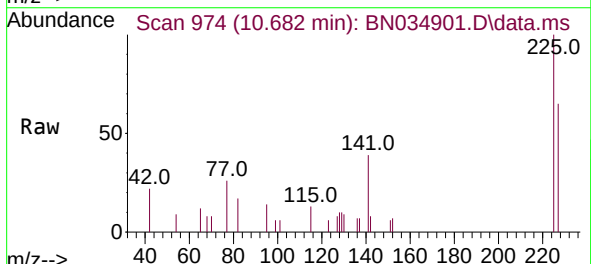
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

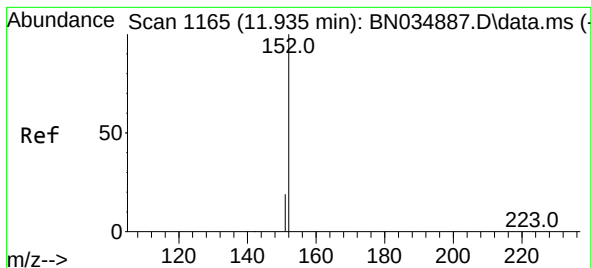
Tgt Ion:	128	Resp:	8901
Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.4
127	14.0	10.8	16.2



#10
Hexachlorobutadiene
Concen: 0.209 ng
RT: 10.682 min Scan# 974
Delta R.T. 0.000 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

Tgt Ion:	225	Resp:	1364
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.9	52.0	78.0

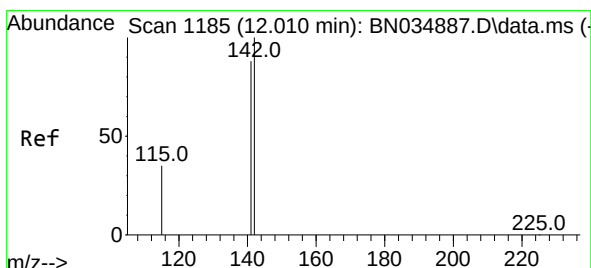
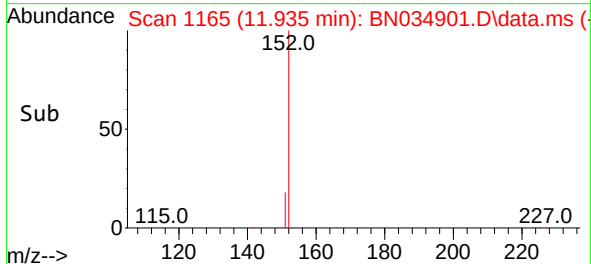
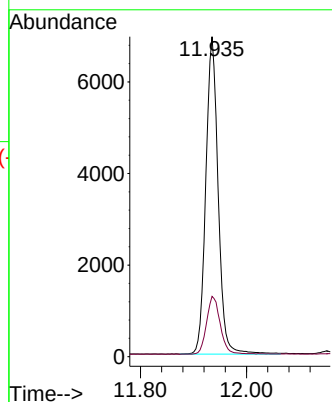
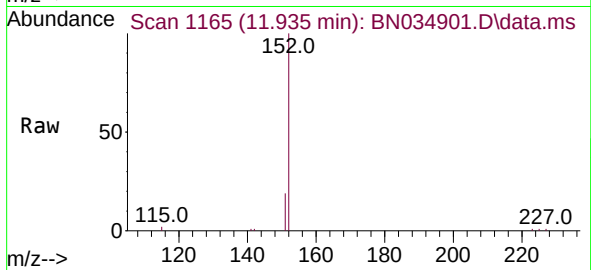




#11
2-Methylnaphthalene-d10
Concen: 0.557 ng
RT: 11.935 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

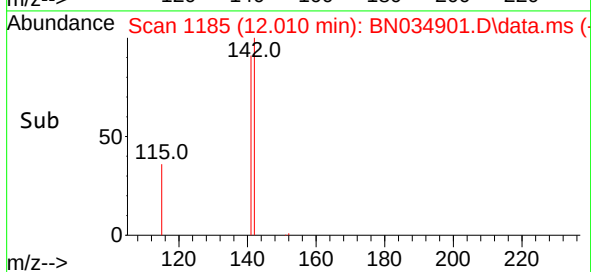
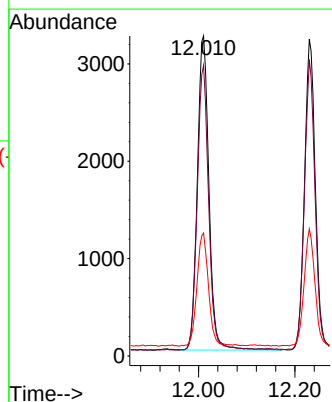
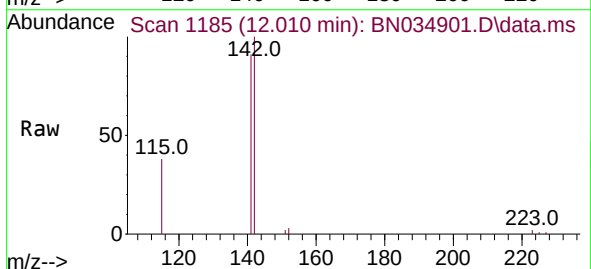
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

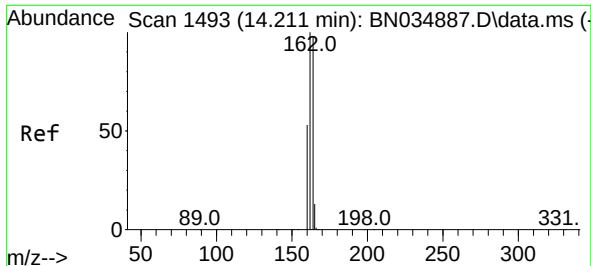
Tgt Ion:152 Resp: 11192
Ion Ratio Lower Upper
152 100
151 20.2 17.1 25.7



#12
2-Methylnaphthalene
Concen: 0.215 ng
RT: 12.010 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

Tgt Ion:142 Resp: 5383
Ion Ratio Lower Upper
142 100
141 90.8 70.5 105.7
115 38.4 29.4 44.2

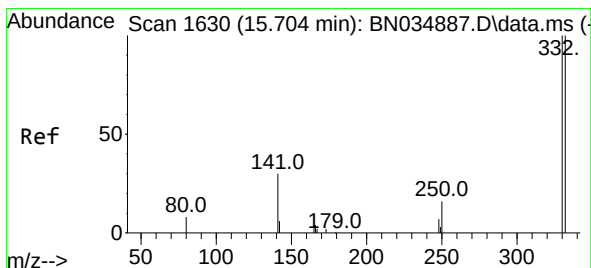
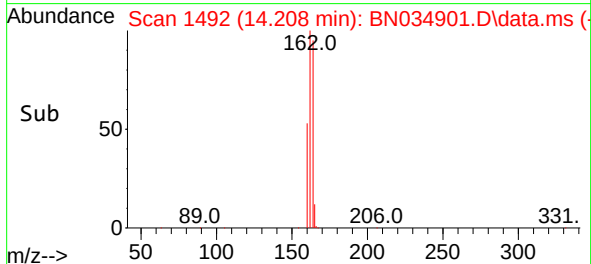
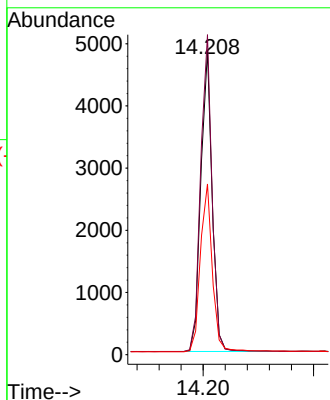
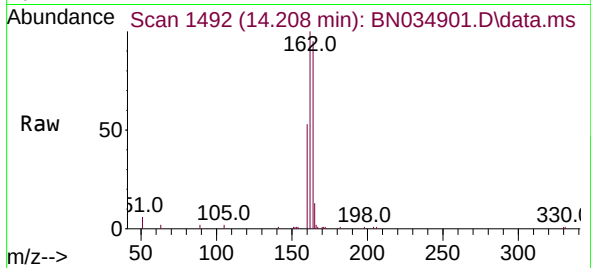




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.208 min Scan# 1493
Delta R.T. -0.003 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

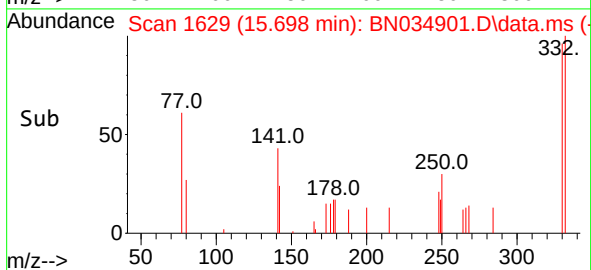
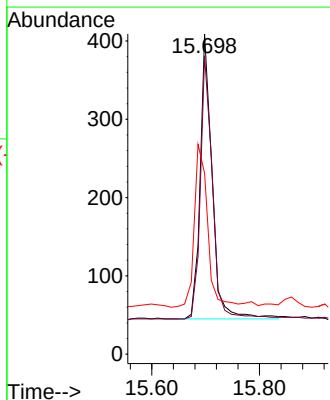
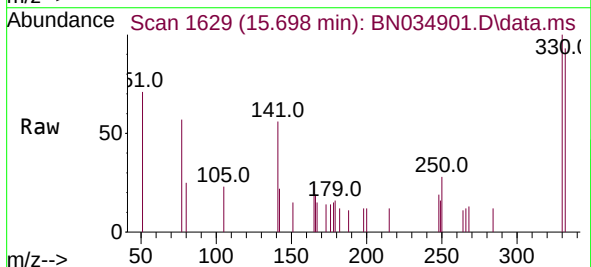
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

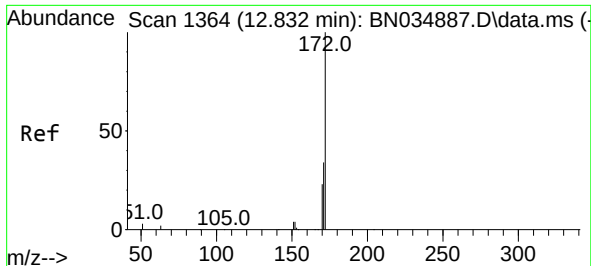
Tgt Ion:164 Resp: 6925
Ion Ratio Lower Upper
164 100
162 105.3 81.9 122.9
160 56.2 43.5 65.3



#14
2,4,6-Tribromophenol
Concen: 0.318 ng
RT: 15.698 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

Tgt Ion:330 Resp: 565
Ion Ratio Lower Upper
330 100
332 92.7 77.1 115.7
141 62.8 54.1 81.1

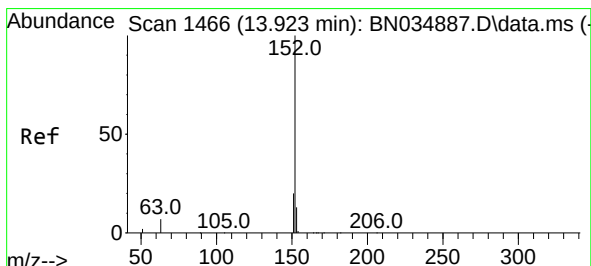
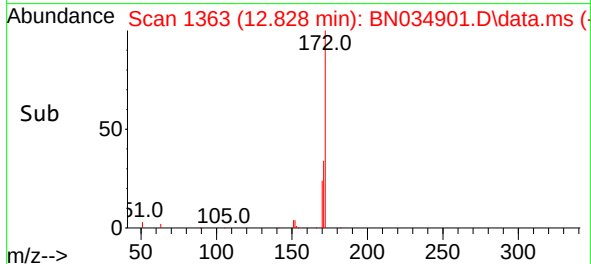
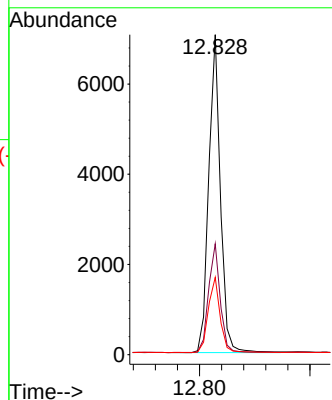
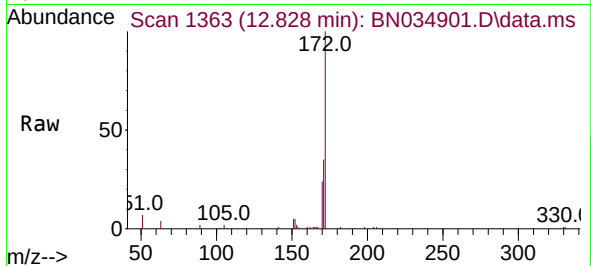




#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.828 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

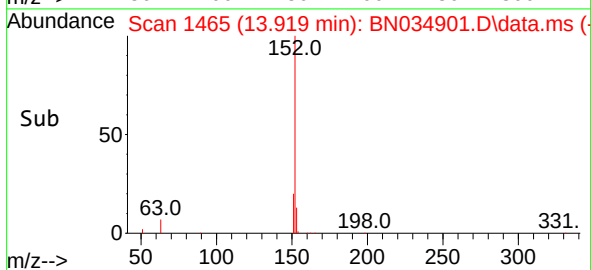
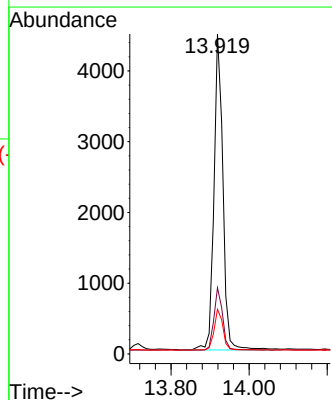
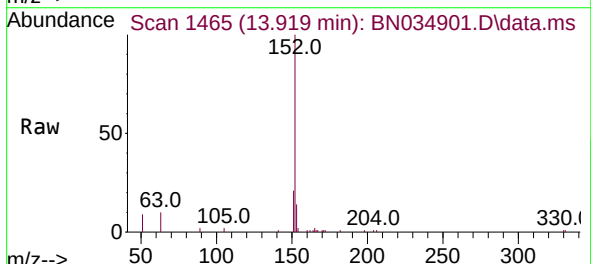
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

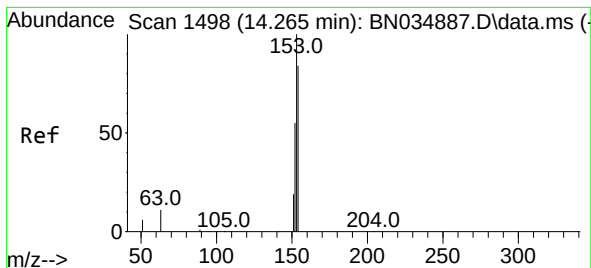
Tgt Ion:	172	Resp:	10380
Ion Ratio	Lower	Upper	
172	100		
171	34.6	27.9	41.9
170	24.2	19.0	28.4



#16
Acenaphthylene
Concen: 0.213 ng
RT: 13.919 min Scan# 1465
Delta R.T. -0.004 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

Tgt Ion:	152	Resp:	7116
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.2	22.8
153	12.9	10.4	15.6





#17

Acenaphthene

Concen: 0.204 ng

RT: 14.272 min Scan# 1498

Delta R.T. 0.007 min

Lab File: BN034901.D

Acq: 08 Nov 2024 10:17

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2024

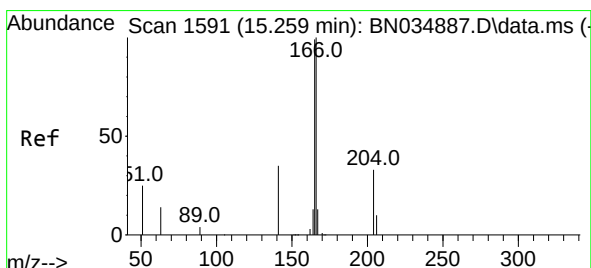
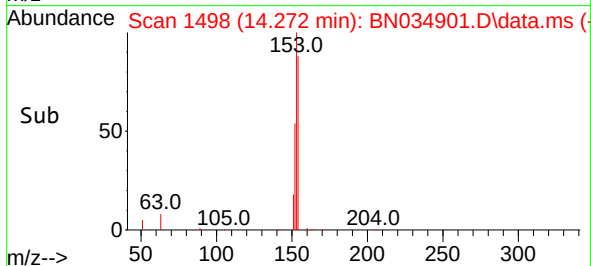
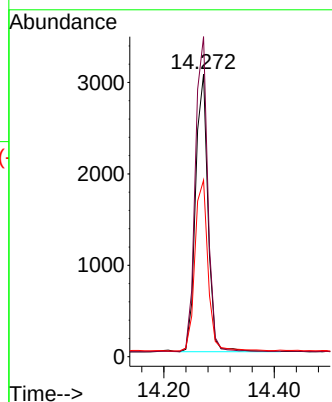
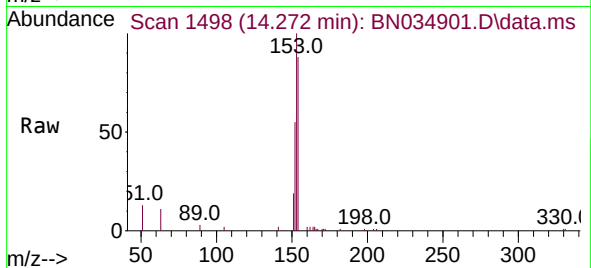
Tgt Ion:154 Resp: 4725

Ion Ratio Lower Upper

154 100

153 114.3 92.2 138.2

152 64.9 51.1 76.7



#18

Fluorene

Concen: 0.210 ng

RT: 15.255 min Scan# 1590

Delta R.T. -0.004 min

Lab File: BN034901.D

Acq: 08 Nov 2024 10:17

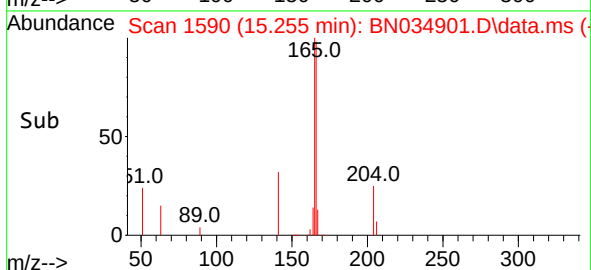
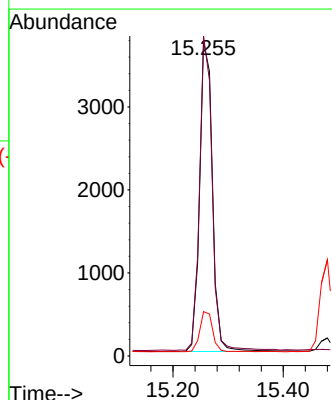
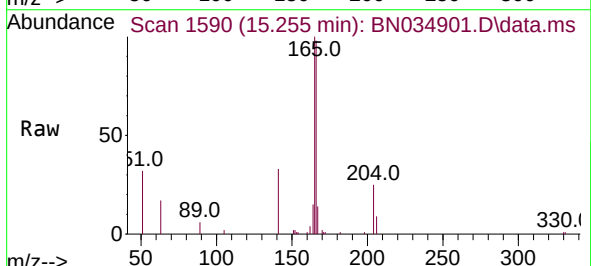
Tgt Ion:166 Resp: 6030

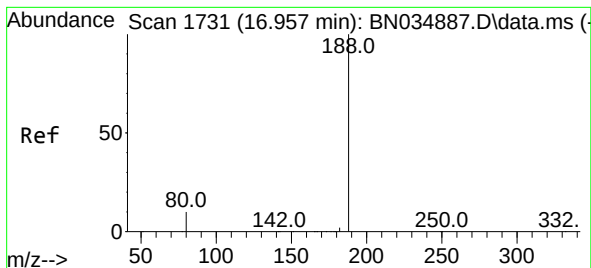
Ion Ratio Lower Upper

166 100

165 99.3 79.5 119.3

167 13.0 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.952 min Scan# 11

Delta R.T. -0.006 min

Lab File: BN034901.D

Acq: 08 Nov 2024 10:17

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2024

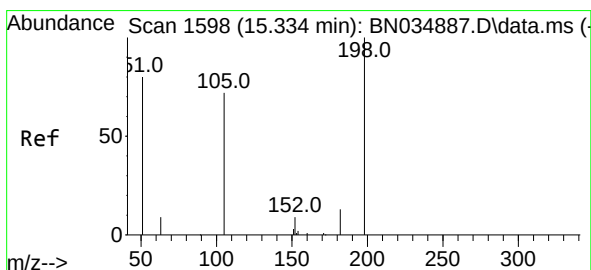
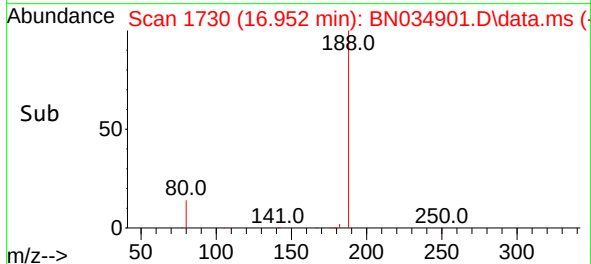
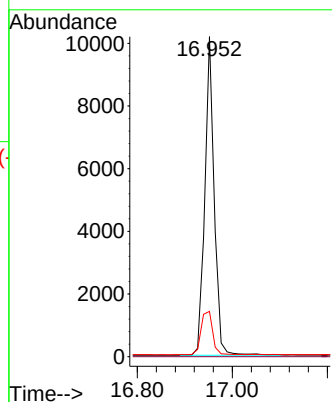
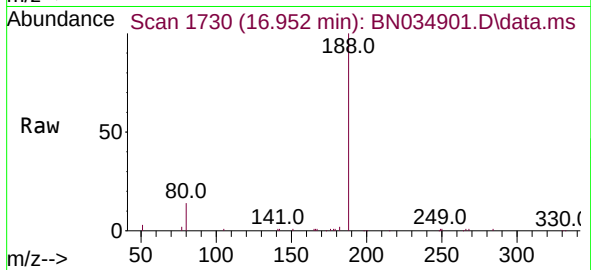
Tgt Ion:188 Resp: 14040

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.2 8.6 12.8#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.185 ng

RT: 15.341 min Scan# 1598

Delta R.T. 0.007 min

Lab File: BN034901.D

Acq: 08 Nov 2024 10:17

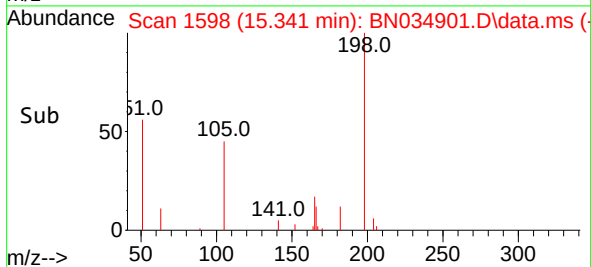
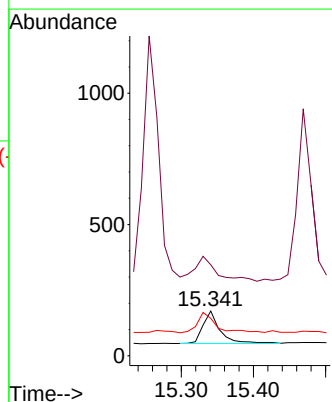
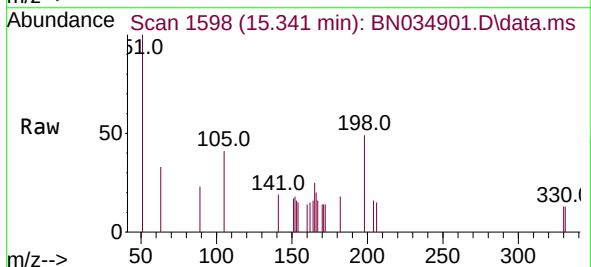
Tgt Ion:198 Resp: 205

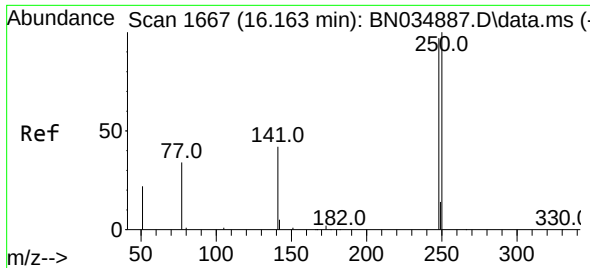
Ion Ratio Lower Upper

198 100

51 202.9 141.8 212.8

105 83.6 75.6 113.4

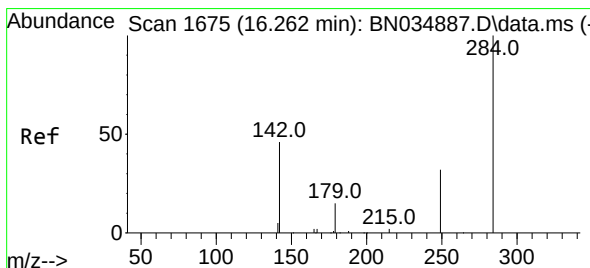
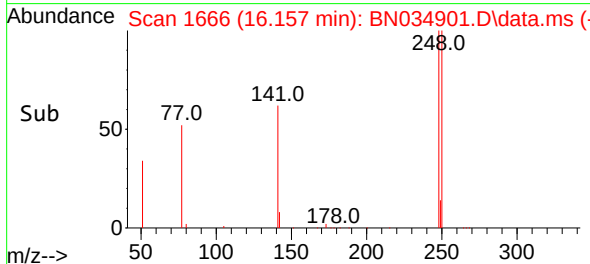
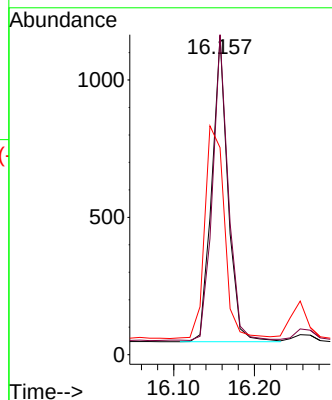
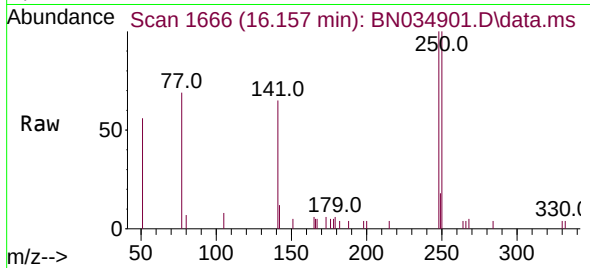




#21
4-Bromophenyl-phenylether
Concen: 0.206 ng
RT: 16.157 min Scan# 1666
Delta R.T. -0.005 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

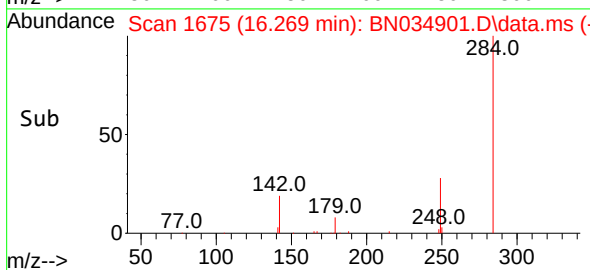
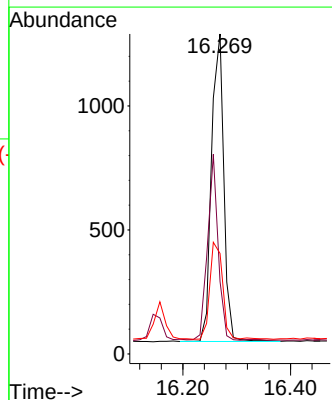
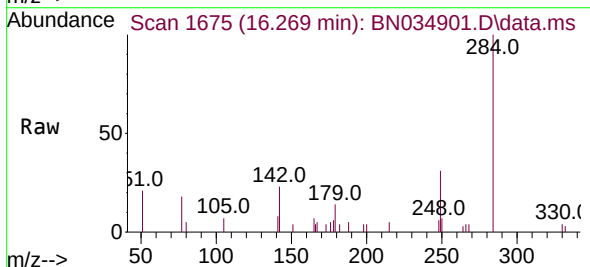
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

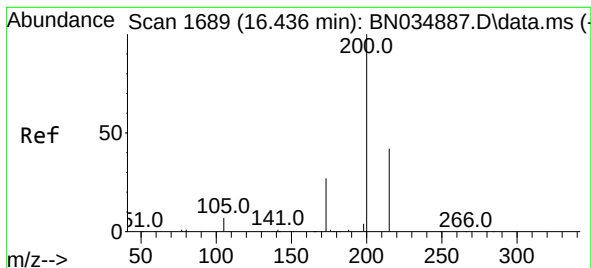
Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.4	82.2	123.4
141	65.0	36.2	54.2



#22
Hexachlorobenzene
Concen: 0.217 ng
RT: 16.269 min Scan# 1675
Delta R.T. 0.007 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	52.0	43.4	65.2
249	33.4	25.8	38.6





#23

Atrazine

Concen: 0.200 ng

RT: 16.430 min Scan# 1

Delta R.T. -0.005 min

Lab File: BN034901.D

Acq: 08 Nov 2024 10:17

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2024

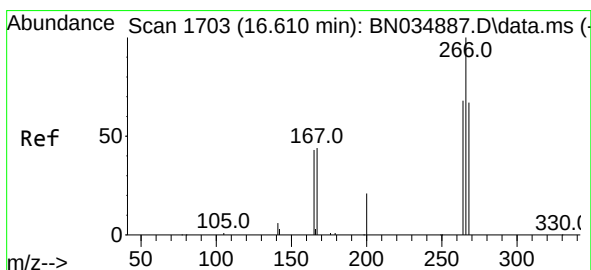
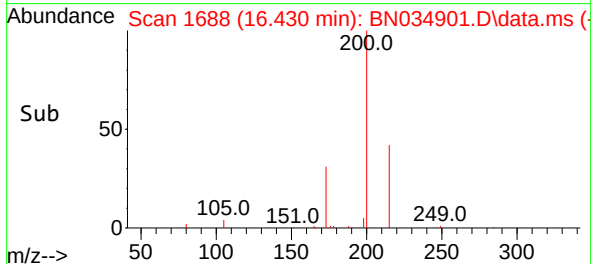
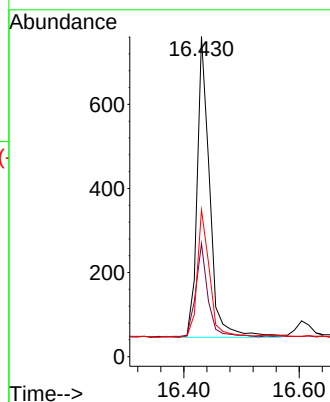
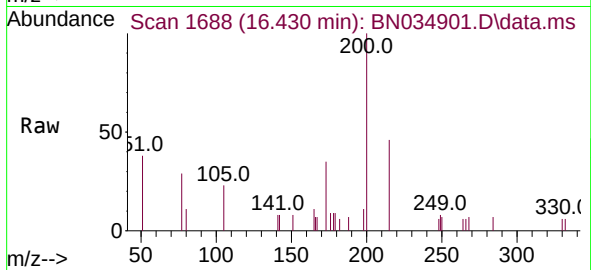
Tgt Ion:200 Resp: 1084

Ion Ratio Lower Upper

200 100

173 35.3 23.4 35.2#

215 45.9 35.4 53.0



#24

Pentachlorophenol

Concen: 0.181 ng

RT: 16.604 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BN034901.D

Acq: 08 Nov 2024 10:17

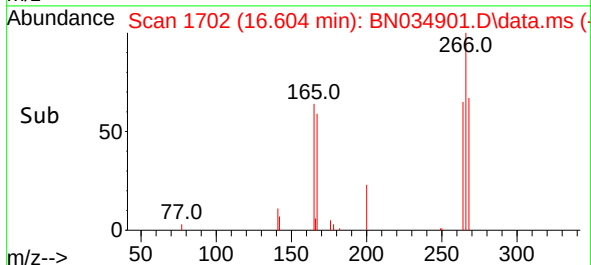
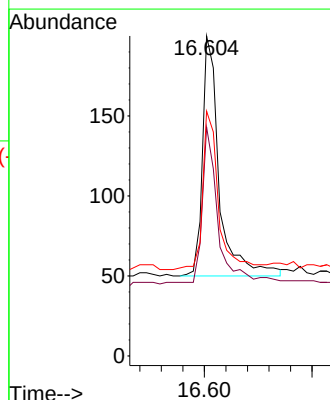
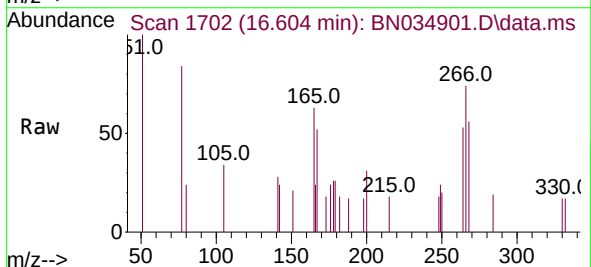
Tgt Ion:266 Resp: 326

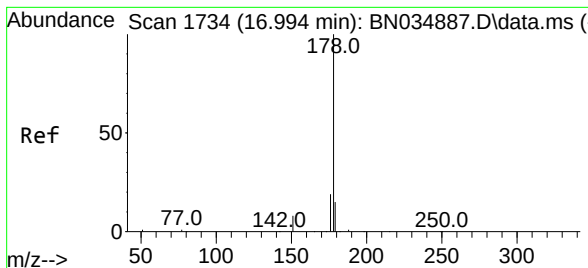
Ion Ratio Lower Upper

266 100

264 58.6 51.3 76.9

268 61.3 53.0 79.6





#25

Phenanthrene

Concen: 0.223 ng

RT: 16.989 min Scan# 1733

Delta R.T. -0.005 min

Lab File: BN034901.D

Acq: 08 Nov 2024 10:17

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2024

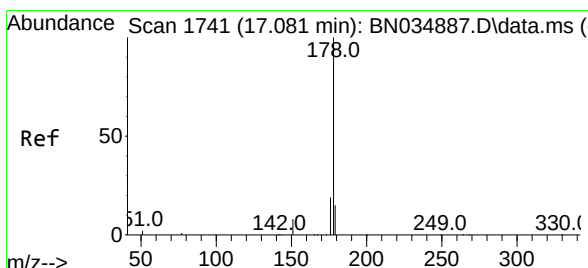
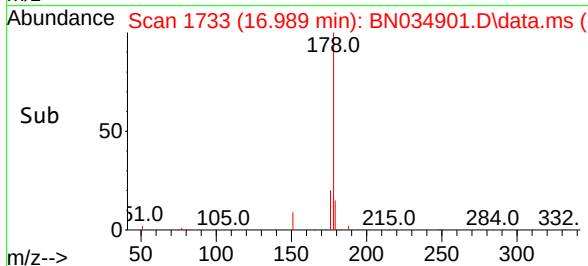
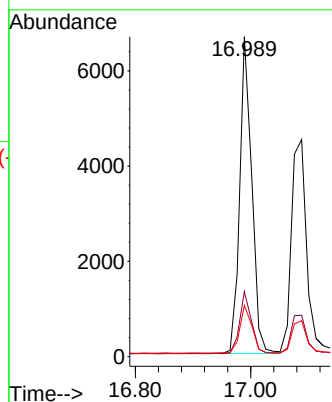
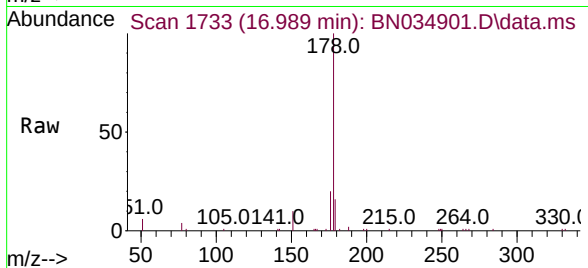
Tgt Ion:178 Resp: 9596

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.4 12.2 18.2



#26

Anthracene

Concen: 0.222 ng

RT: 17.088 min Scan# 1741

Delta R.T. 0.007 min

Lab File: BN034901.D

Acq: 08 Nov 2024 10:17

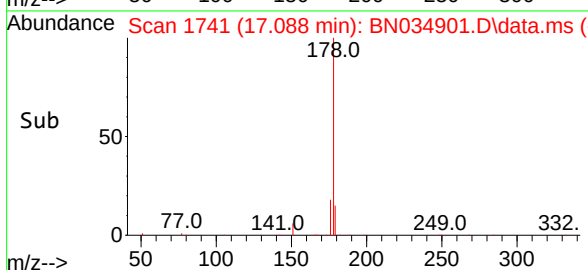
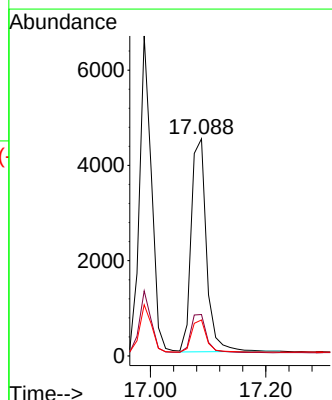
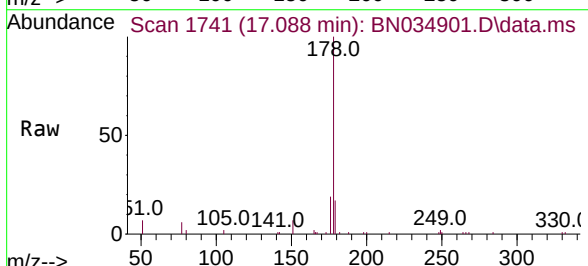
Tgt Ion:178 Resp: 8239

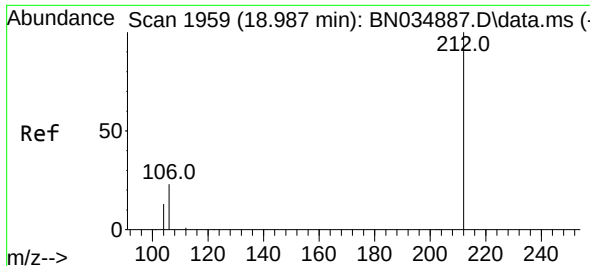
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

179 15.0 12.1 18.1

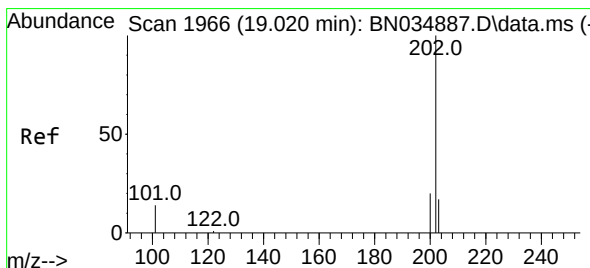
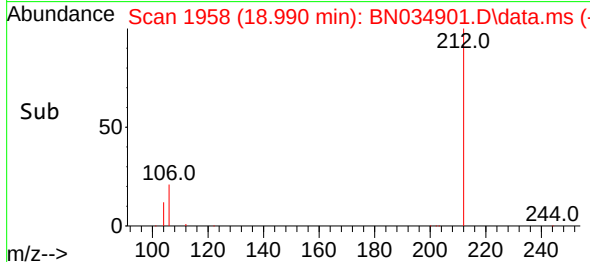
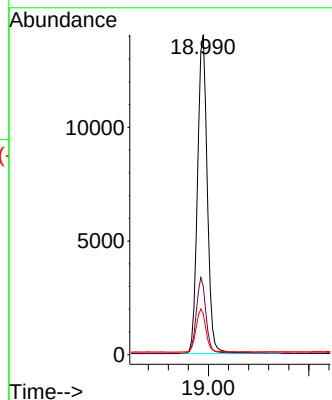
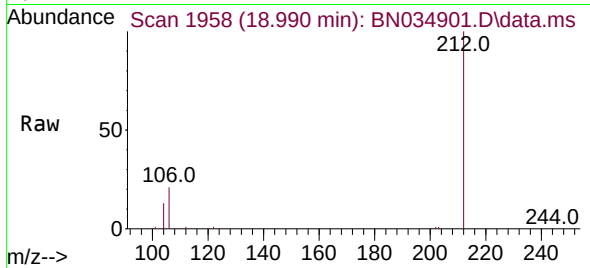




#27
Fluoranthene-d10
Concen: 0.597 ng
RT: 18.990 min Scan# 1958
Delta R.T. 0.002 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

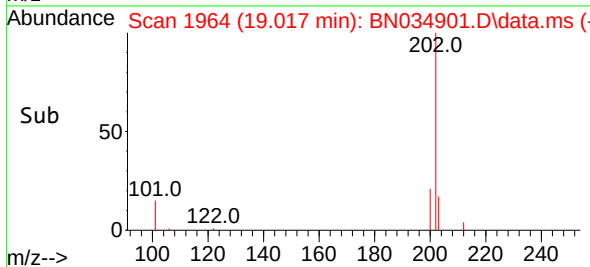
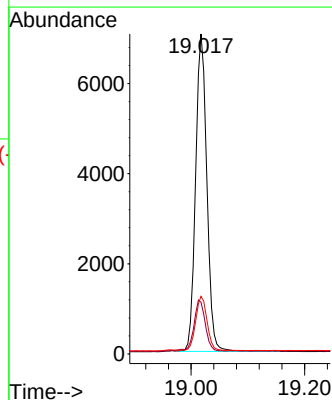
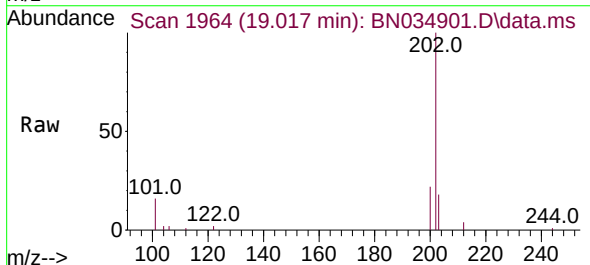
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

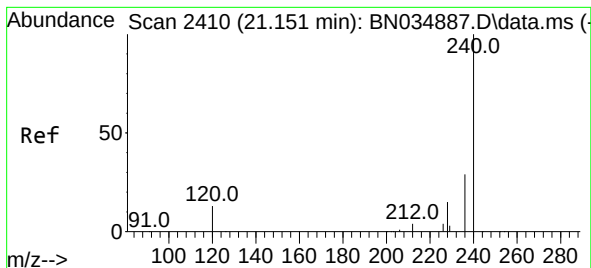
Tgt Ion:212 Resp: 18891
Ion Ratio Lower Upper
212 100
106 23.2 18.2 27.4
104 13.8 10.6 15.8



#28
Fluoranthene
Concen: 0.213 ng
RT: 19.017 min Scan# 1964
Delta R.T. -0.002 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

Tgt Ion:202 Resp: 9659
Ion Ratio Lower Upper
202 100
101 16.7 12.7 19.1
203 17.4 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.149 min Scan# 2410

Delta R.T. -0.002 min

Lab File: BN034901.D

Acq: 08 Nov 2024 10:17

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2024

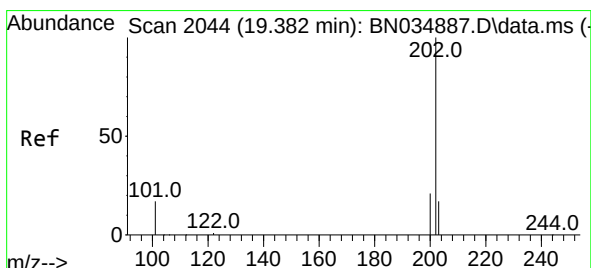
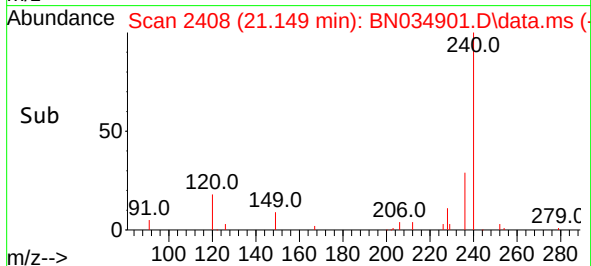
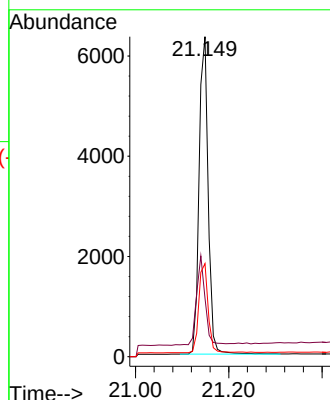
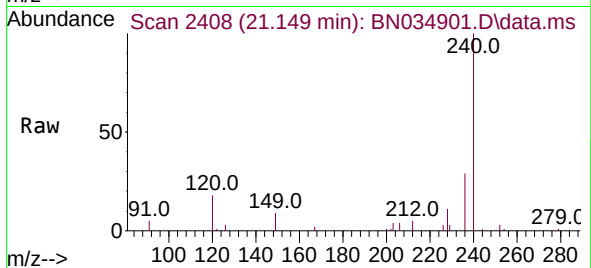
Tgt Ion:240 Resp: 8598

Ion Ratio Lower Upper

240 100

120 18.3 13.8 20.8

236 29.1 23.8 35.6



#30

Pyrene

Concen: 0.218 ng

RT: 19.380 min Scan# 2042

Delta R.T. -0.002 min

Lab File: BN034901.D

Acq: 08 Nov 2024 10:17

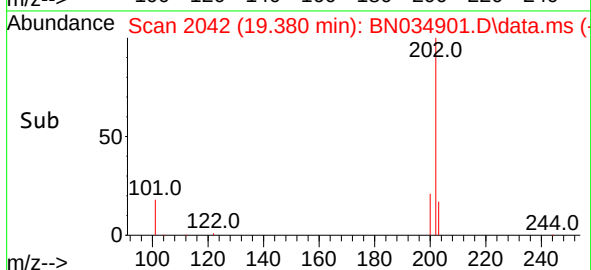
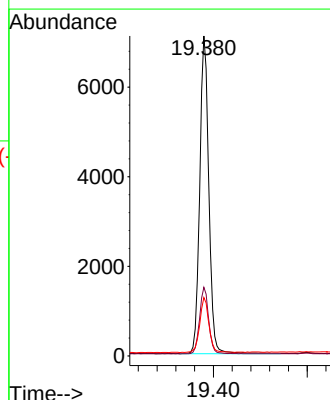
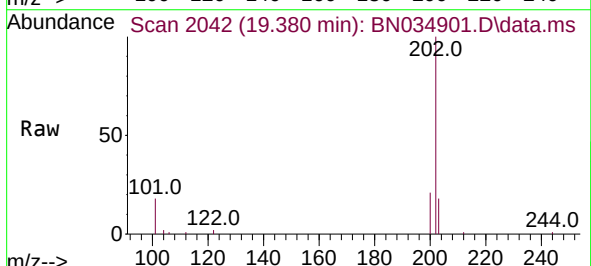
Tgt Ion:202 Resp: 9477

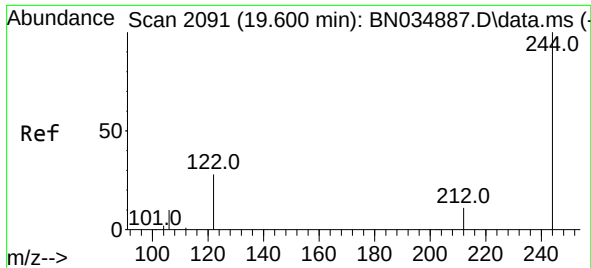
Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

203 17.6 14.1 21.1

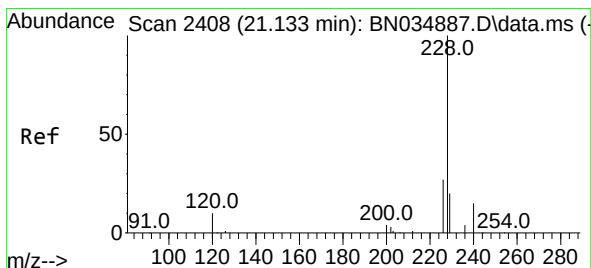
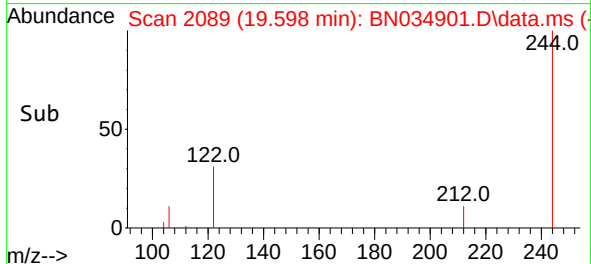
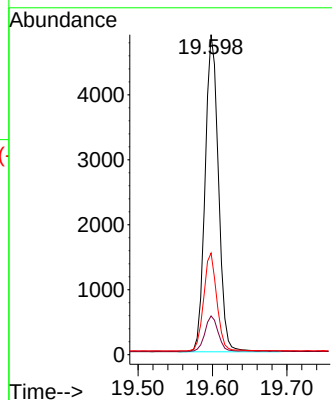
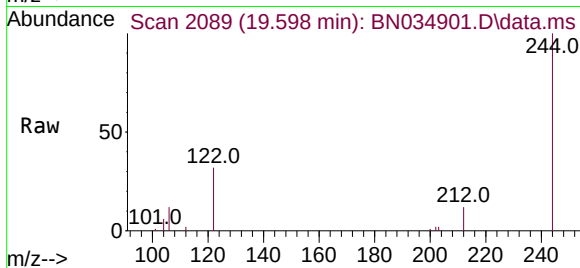




#31
 Terphenyl-d14
 Concen: 0.378 ng
 RT: 19.598 min Scan# 2091
 Delta R.T. -0.002 min
 Lab File: BN034901.D
 Acq: 08 Nov 2024 10:17

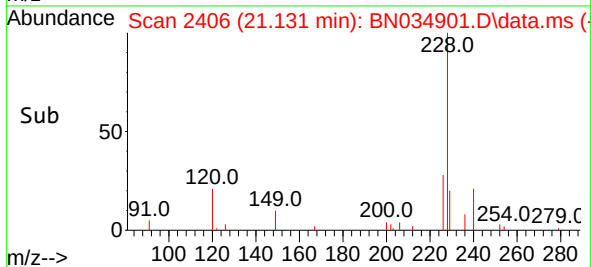
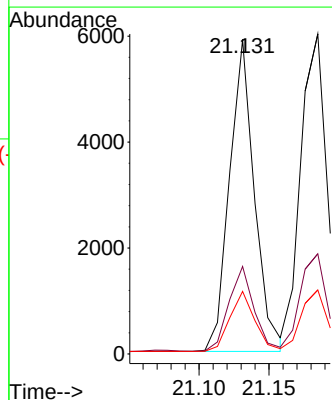
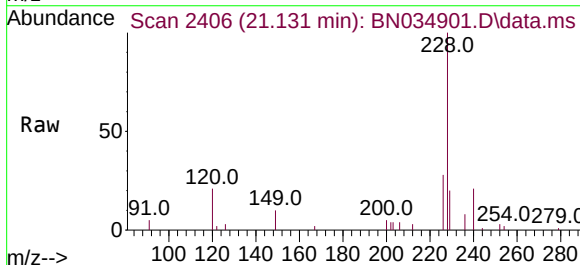
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

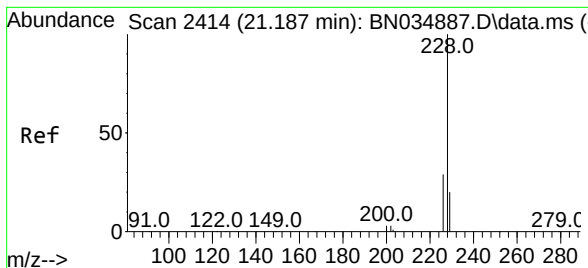
Tgt Ion:244 Resp: 6089
 Ion Ratio Lower Upper
 244 100
 212 12.1 9.4 14.0
 122 31.7 23.0 34.4



#32
 Benzo(a)anthracene
 Concen: 0.217 ng
 RT: 21.131 min Scan# 2406
 Delta R.T. -0.002 min
 Lab File: BN034901.D
 Acq: 08 Nov 2024 10:17

Tgt Ion:228 Resp: 7284
 Ion Ratio Lower Upper
 228 100
 226 27.9 22.2 33.2
 229 19.9 16.0 24.0





#33

Chrysene

Concen: 0.228 ng

RT: 21.185 min Scan# 2414

Delta R.T. -0.002 min

Lab File: BN034901.D

Acq: 08 Nov 2024 10:17

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2024

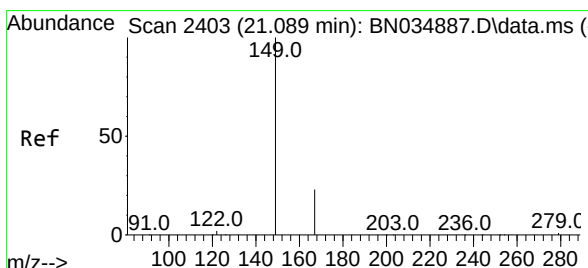
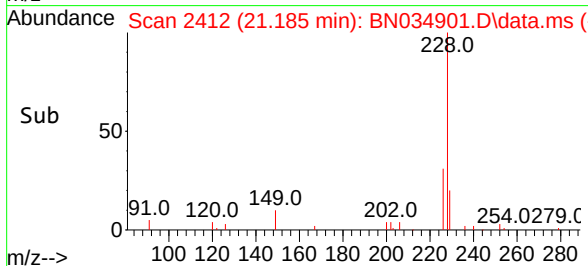
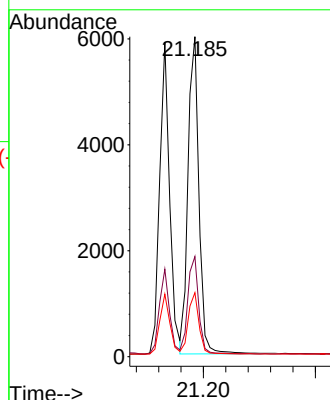
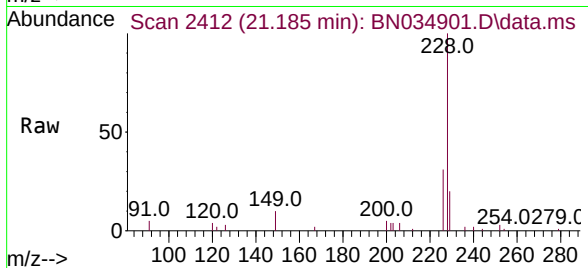
Tgt Ion:228 Resp: 8089

Ion Ratio Lower Upper

228 100

226 31.3 23.7 35.5

229 20.0 16.3 24.5



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.200 ng

RT: 21.086 min Scan# 2401

Delta R.T. -0.003 min

Lab File: BN034901.D

Acq: 08 Nov 2024 10:17

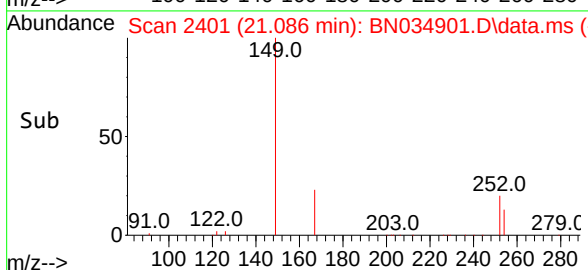
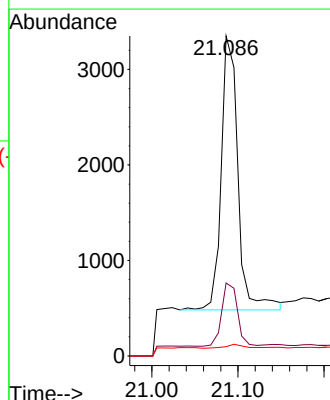
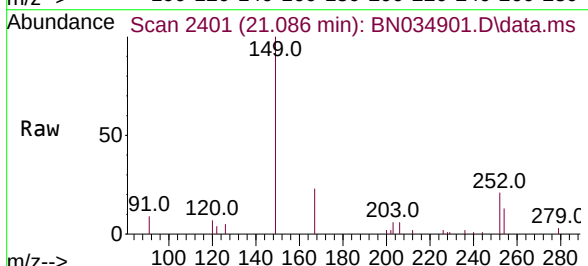
Tgt Ion:149 Resp: 3853

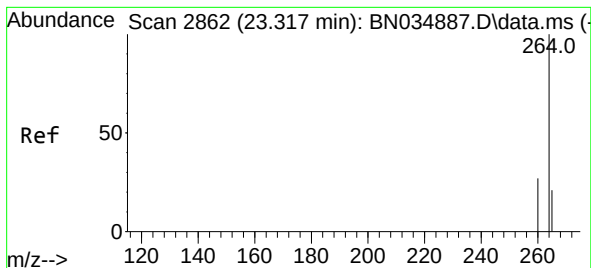
Ion Ratio Lower Upper

149 100

167 21.8 18.1 27.1

279 1.6 1.2 1.8





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.315 min Scan# 21

Delta R.T. -0.002 min

Lab File: BN034901.D

Acq: 08 Nov 2024 10:17

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2024

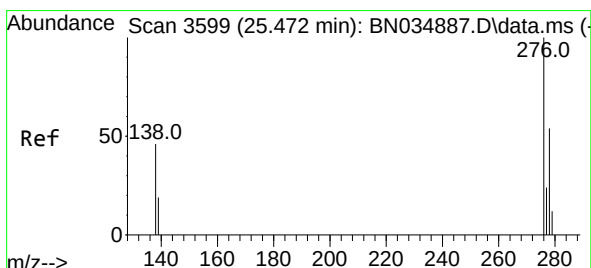
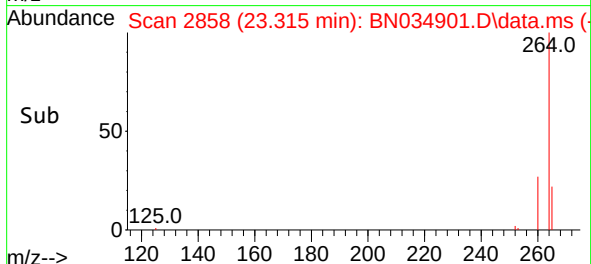
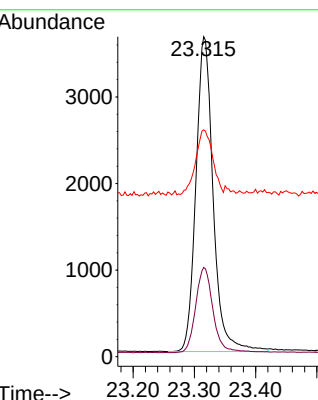
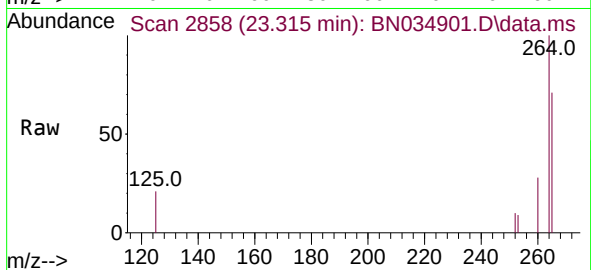
Tgt Ion:264 Resp: 7109

Ion Ratio Lower Upper

264 100

260 27.9 22.2 33.2

265 70.9 60.9 91.3



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.199 ng

RT: 25.473 min Scan# 3596

Delta R.T. 0.001 min

Lab File: BN034901.D

Acq: 08 Nov 2024 10:17

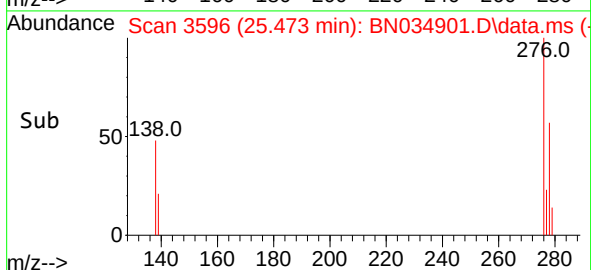
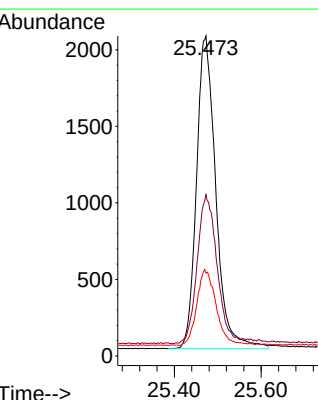
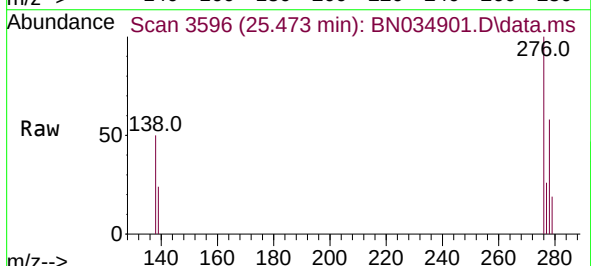
Tgt Ion:276 Resp: 6315

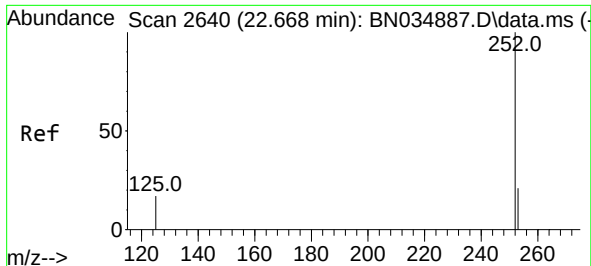
Ion Ratio Lower Upper

276 100

138 48.3 38.4 57.6

277 24.4 19.4 29.2





#37

Benzo(b)fluoranthene

Concen: 0.230 ng

RT: 22.669 min Scan# 2637

Delta R.T. 0.001 min

Lab File: BN034901.D

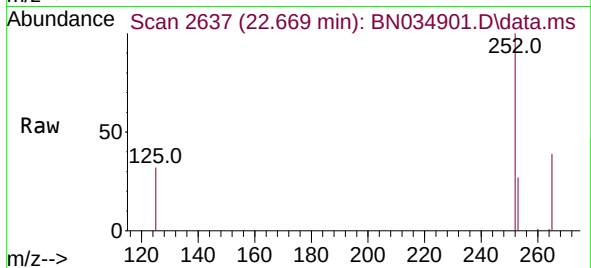
Acq: 08 Nov 2024 10:17

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2024



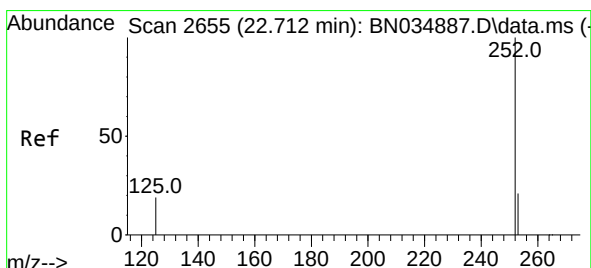
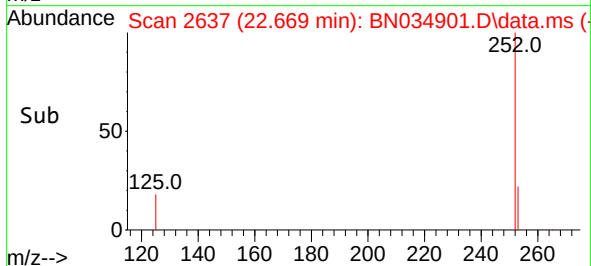
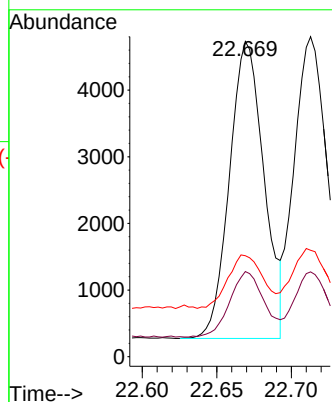
Tgt Ion:252 Resp: 7181

Ion Ratio Lower Upper

252 100

253 27.0 19.4 29.2

125 32.0 21.4 32.2



#38

Benzo(k)fluoranthene

Concen: 0.220 ng

RT: 22.713 min Scan# 2652

Delta R.T. 0.001 min

Lab File: BN034901.D

Acq: 08 Nov 2024 10:17

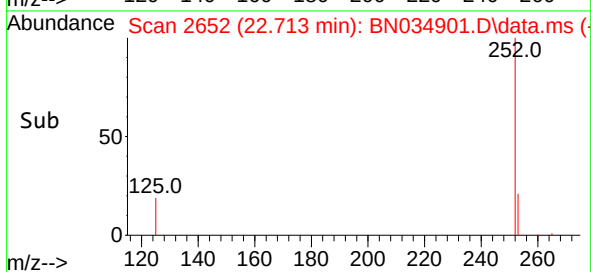
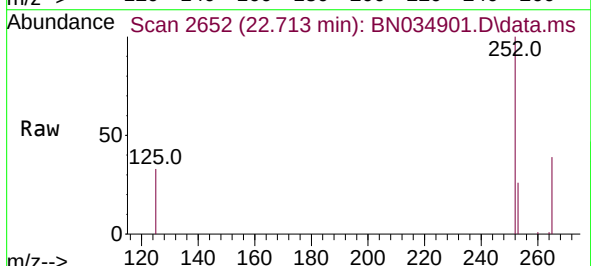
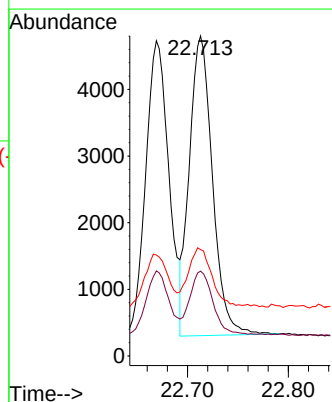
Tgt Ion:252 Resp: 7158

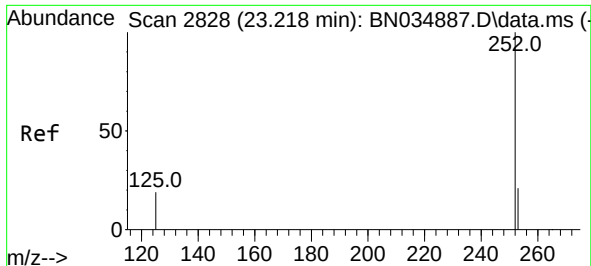
Ion Ratio Lower Upper

252 100

253 26.5 19.8 29.8

125 33.2 22.6 33.8

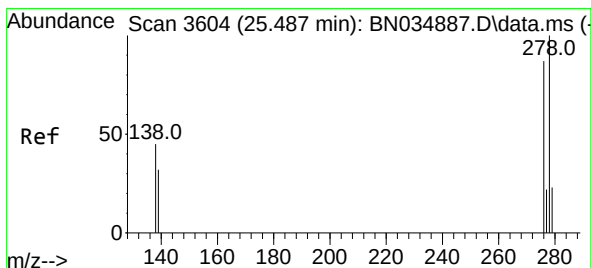
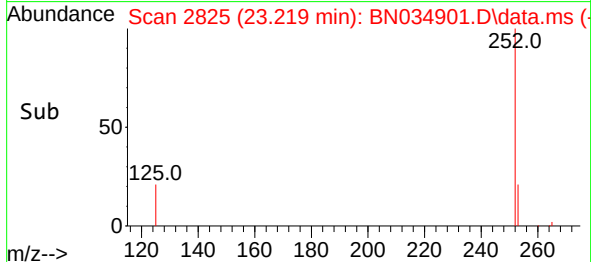
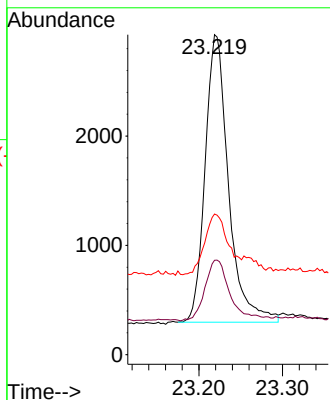
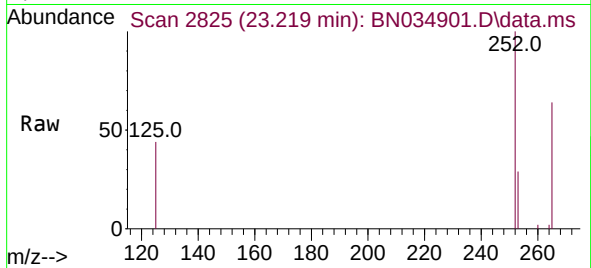




#39
Benzo(a)pyrene
Concen: 0.206 ng
RT: 23.219 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

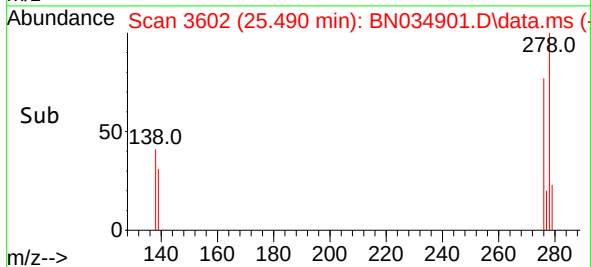
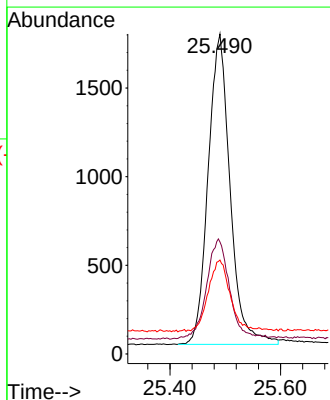
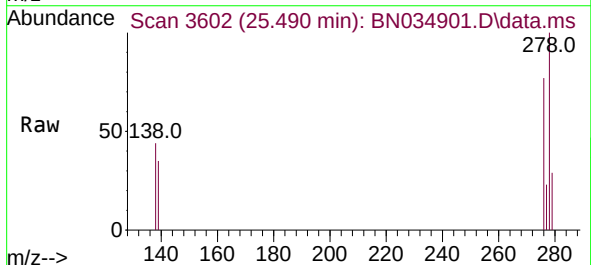
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

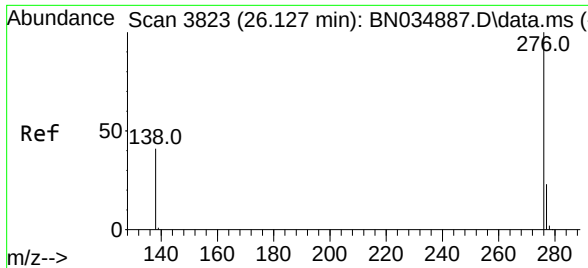
Tgt Ion:252 Resp: 5121
Ion Ratio Lower Upper
252 100
253 29.5 21.4 32.2
125 44.0 27.8 41.6#



#40
Dibenzo(a,h)anthracene
Concen: 0.197 ng
RT: 25.490 min Scan# 3602
Delta R.T. 0.004 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

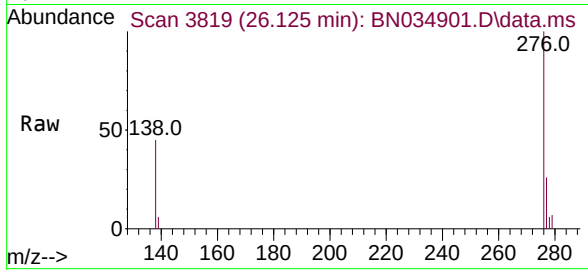
Tgt Ion:278 Resp: 4828
Ion Ratio Lower Upper
278 100
139 35.0 27.2 40.8
279 29.4 21.4 32.0





#41
 Benzo(g,h,i)perylene
 Concen: 0.206 ng
 RT: 26.125 min Scan# 3819
 Delta R.T. -0.002 min
 Lab File: BN034901.D
 Acq: 08 Nov 2024 10:17

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2024



Tgt Ion:	276	Resp:	5348
Ion	Ratio	Lower	Upper
276	100		
277	26.0	20.2	30.2
138	44.8	33.9	50.9

