

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)

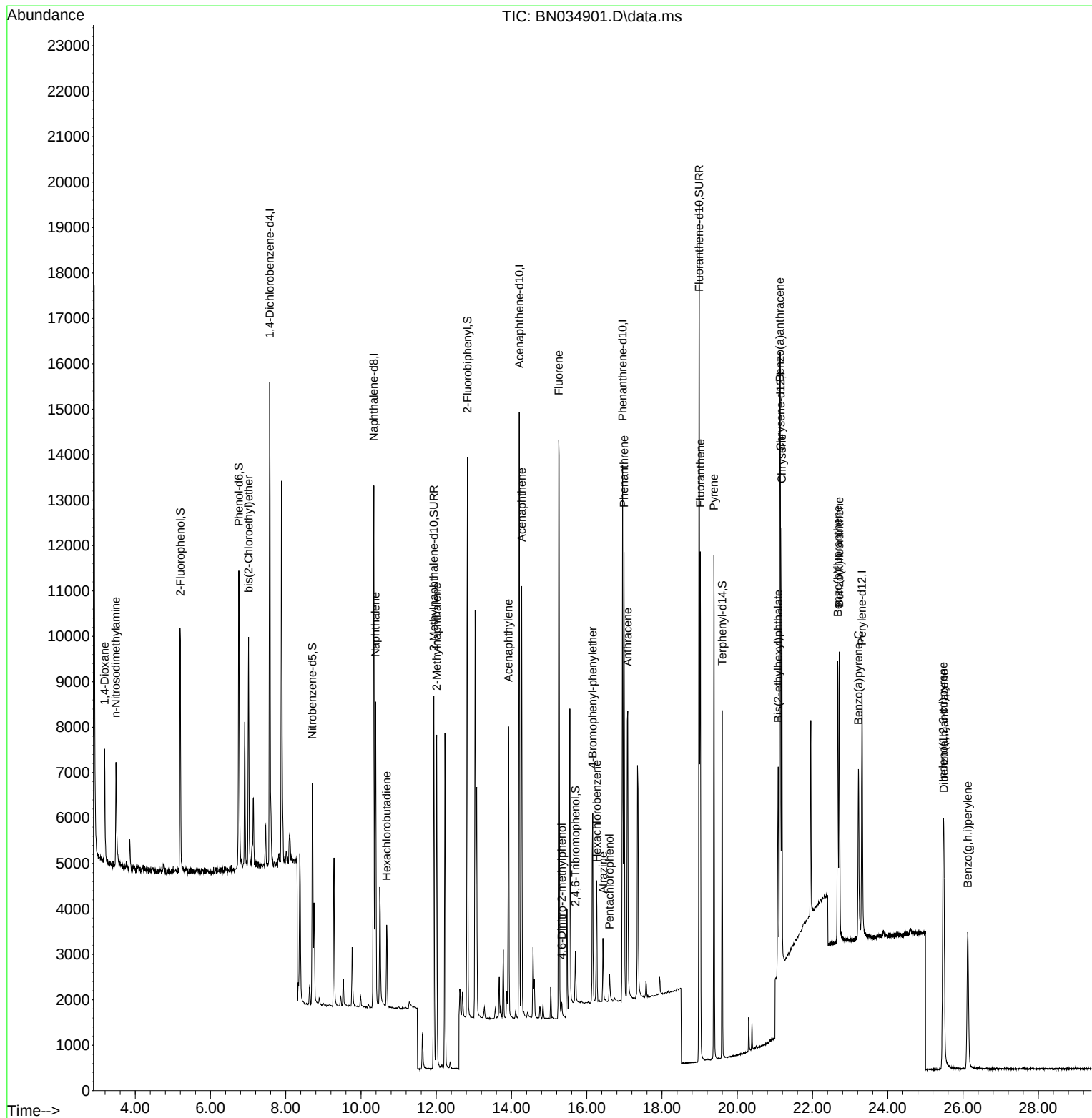
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	4985	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	14730	0.400	ng	0.00
13) Acenaphthene-d10	14.208	164	6925	0.400	ng	0.00
19) Phenanthrene-d10	16.952	188	14040	0.400	ng	# 0.00
29) Chrysene-d12	21.149	240	8598	0.400	ng	0.00
35) Perylene-d12	23.315	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

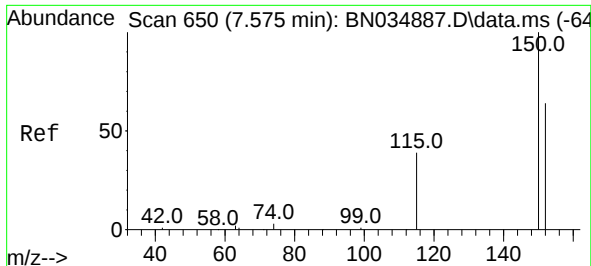
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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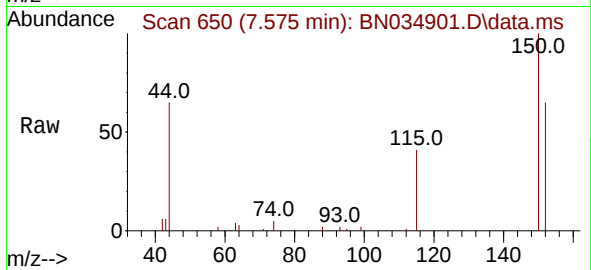
Quant Time: Nov 08 10:43:18 2024
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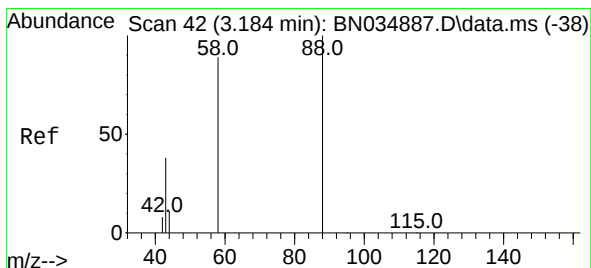
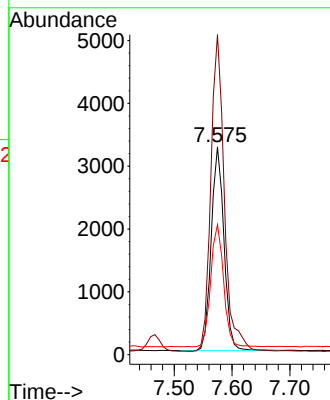
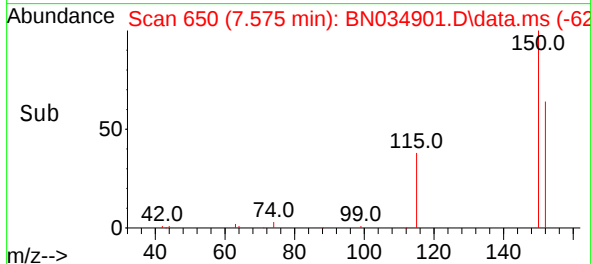


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN034901.D
 Acq: 08 Nov 2024 10:17

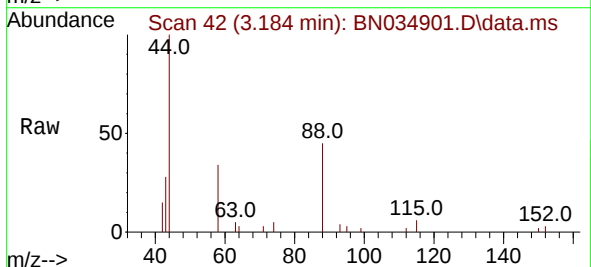
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2024



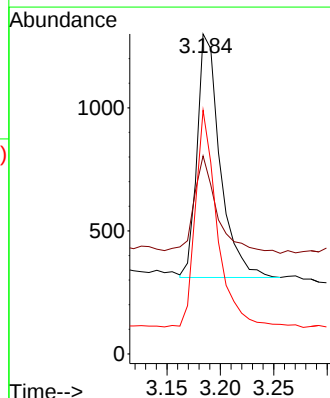
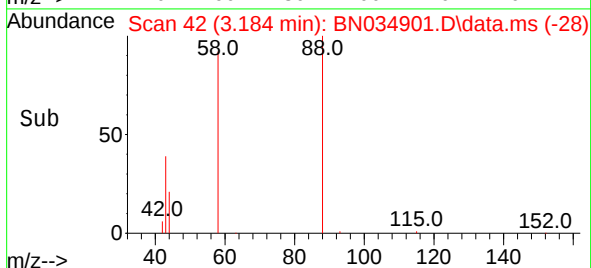
Tgt Ion:152 Resp: 4985
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.4 186.6
 115 62.5 50.5 75.7

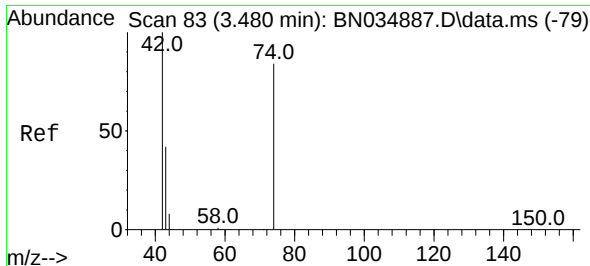


#2
 1,4-Dioxane
 Concen: 0.235 ng
 RT: 3.184 min Scan# 42
 Delta R.T. 0.000 min
 Lab File: BN034901.D
 Acq: 08 Nov 2024 10:17



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

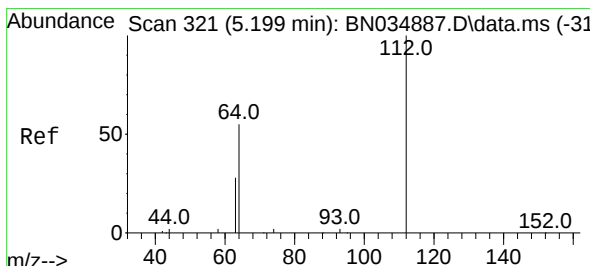
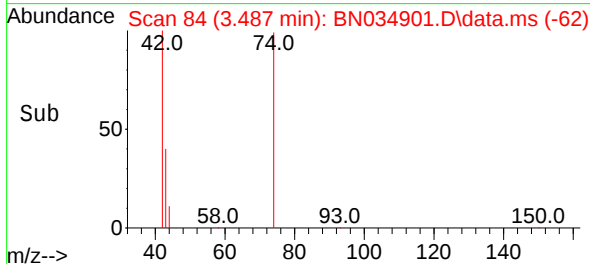
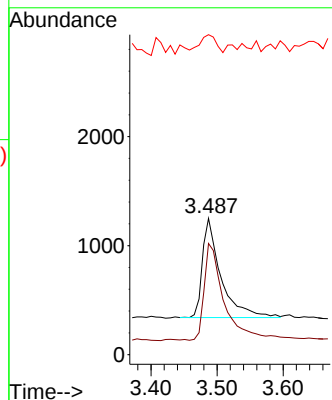
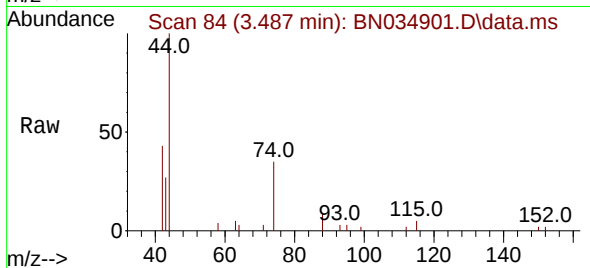
Tgt Ion: 42 Resp: 1766

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

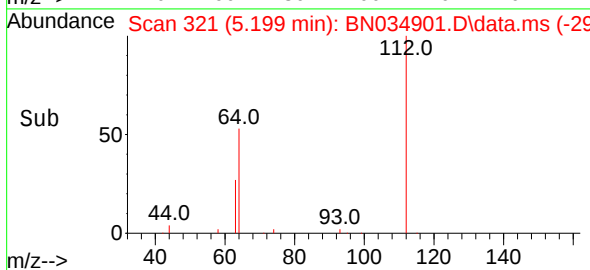
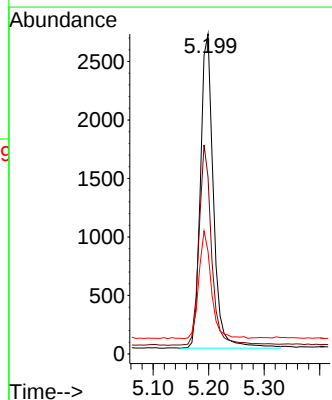
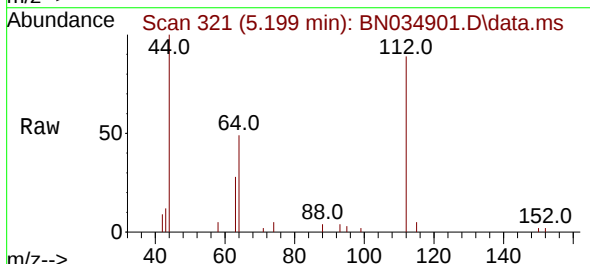
Tgt Ion: 112 Resp: 4373

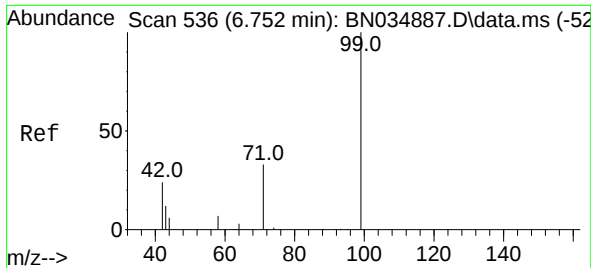
Ion Ratio Lower Upper

112 100

64 62.0 49.6 74.4

63 32.7 26.3 39.5

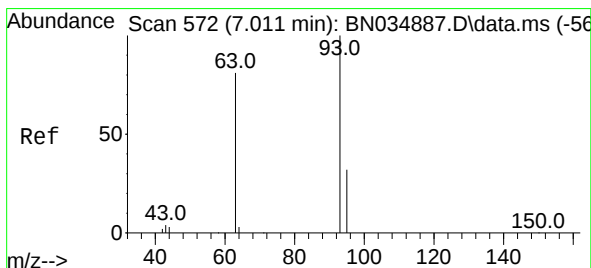
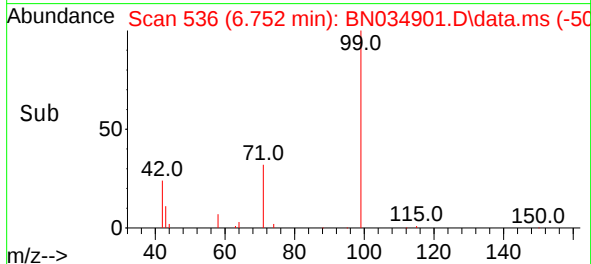
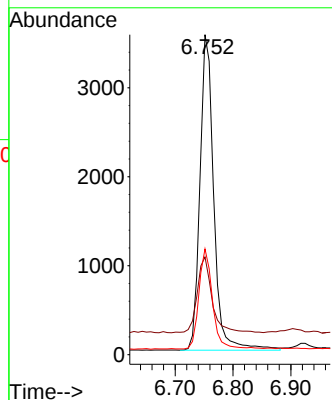
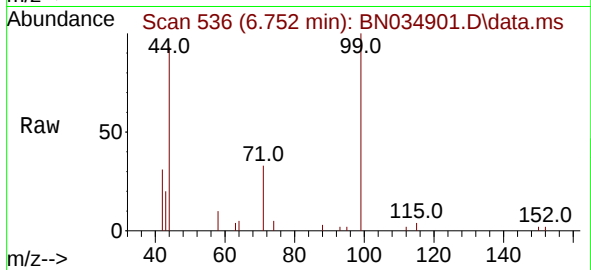




#5
Phenol-d6
Concen: 0.321 ng
RT: 6.752 min Scan# 536
Delta R.T. 0.000 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

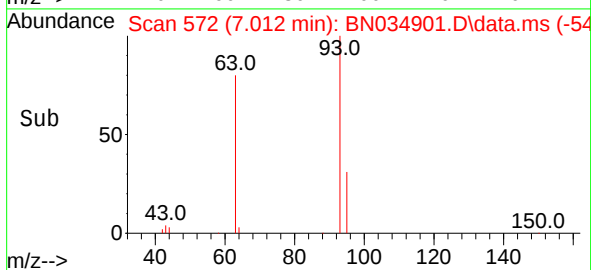
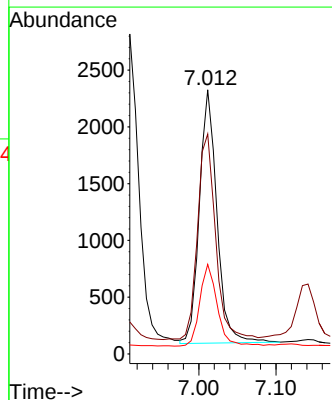
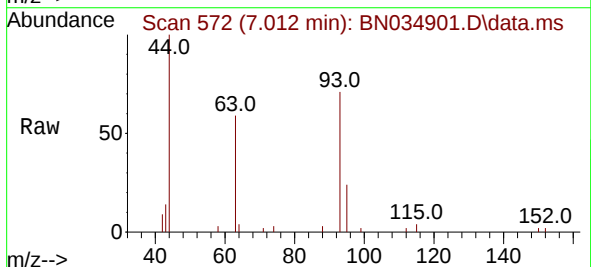
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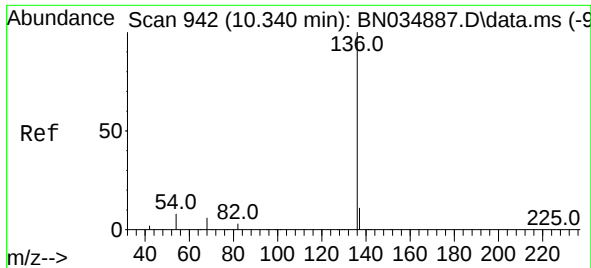
Tgt Ion:	99	Resp:	5912
Ion	Ratio	Lower	Upper
99	100		
42	25.6	20.2	30.2
71	31.3	25.4	38.0



#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

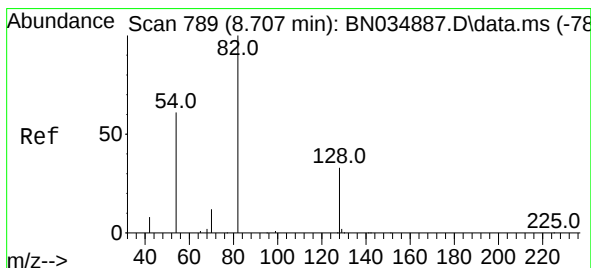
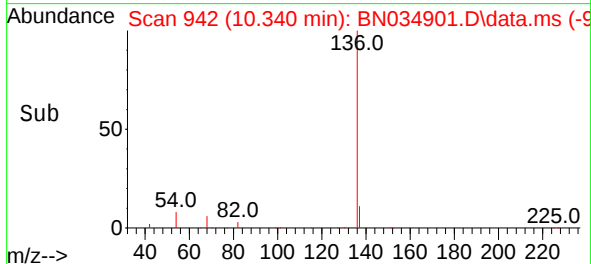
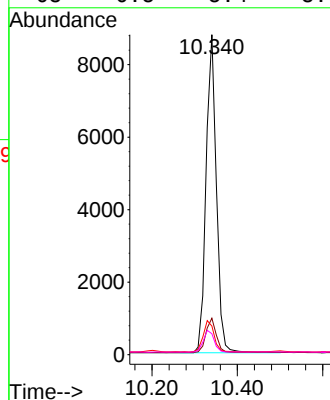
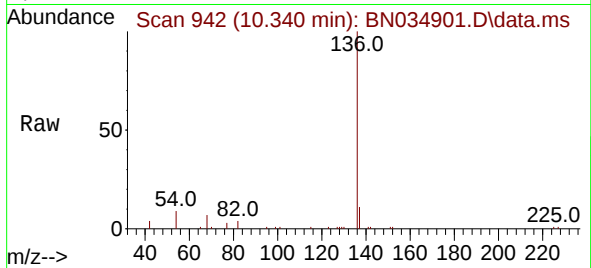




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 942
Delta R.T. 0.000 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

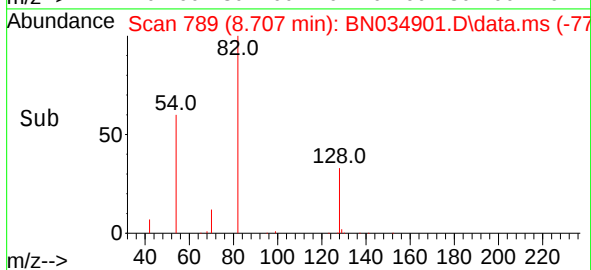
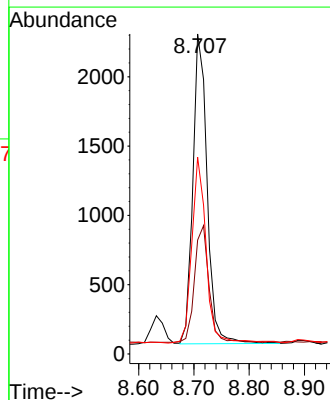
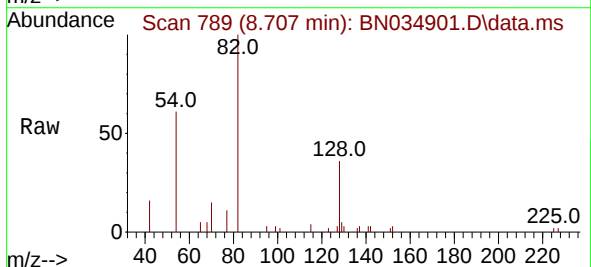
Instrument :
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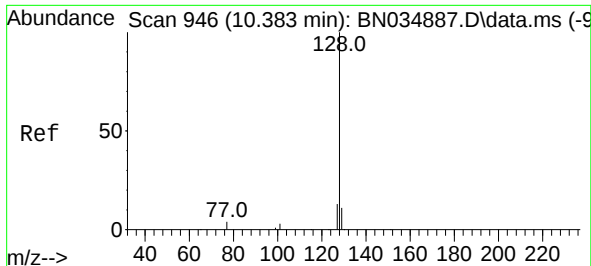
Tgt Ion:	136	Resp:	14730
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	8.9	6.9	10.3
68	6.5	5.4	8.0



#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

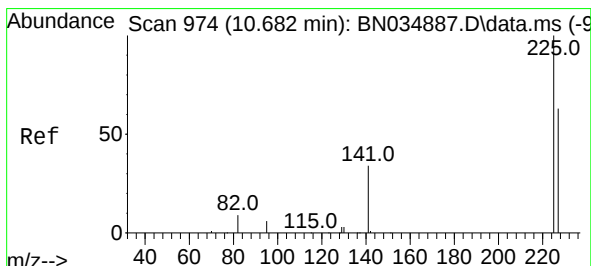
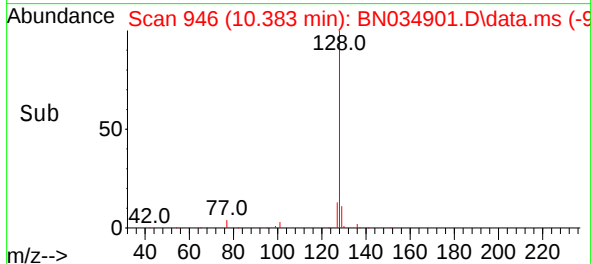
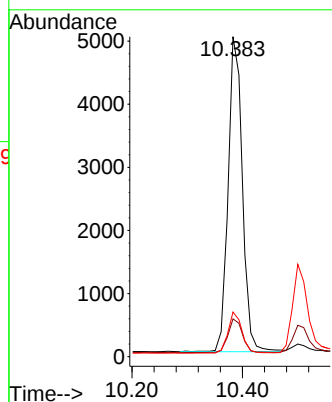
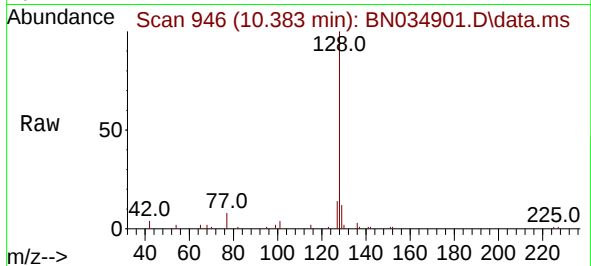




#9
Naphthalene
Concen: 0.218 ng
RT: 10.383 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

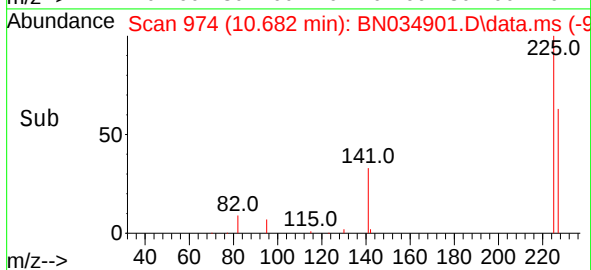
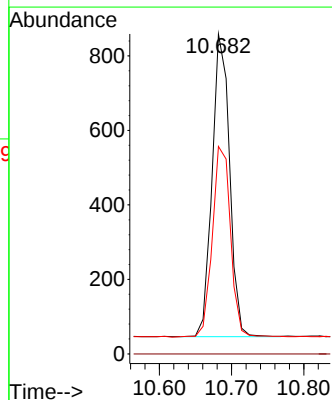
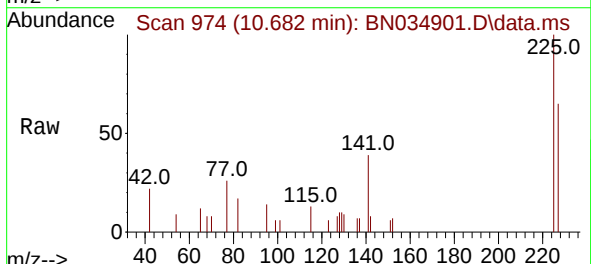
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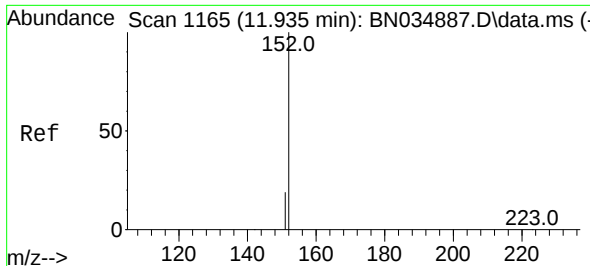
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.4
127	14.0	10.8	16.2



#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	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.9	52.0	78.0

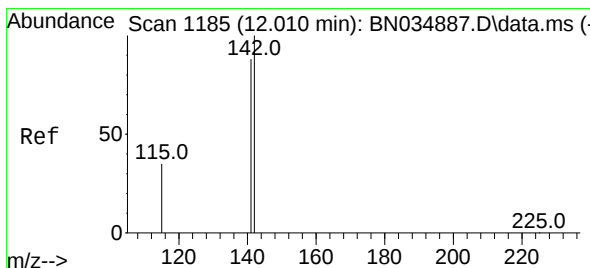
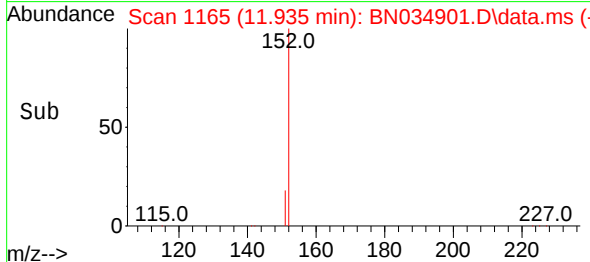
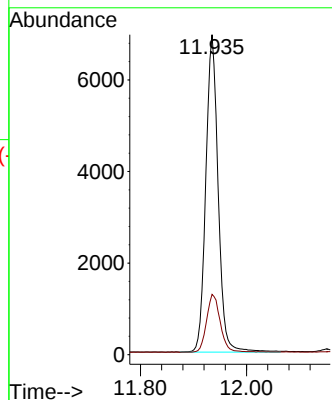
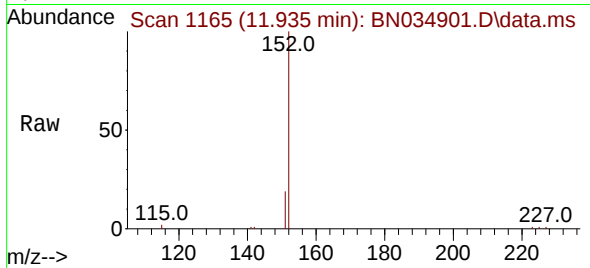




#11
2-Methylnaphthalene-d10
Concen: 0.557 ng
RT: 11.935 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

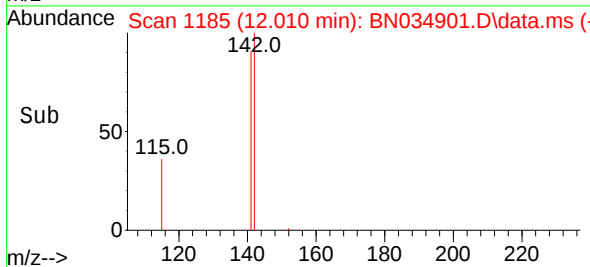
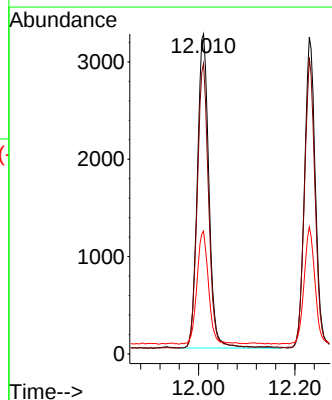
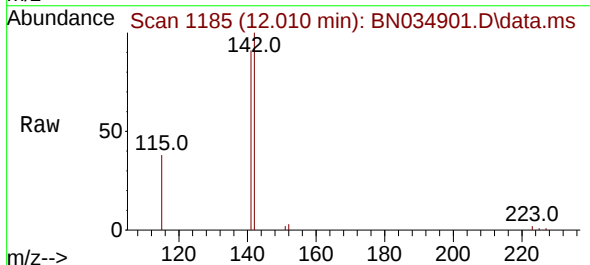
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

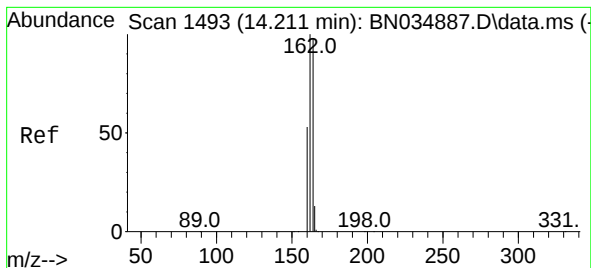
Tgt Ion:152 Resp: 11192
Ion Ratio Lower Upper
152 100
151 20.2 17.1 25.7



#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# 1492

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

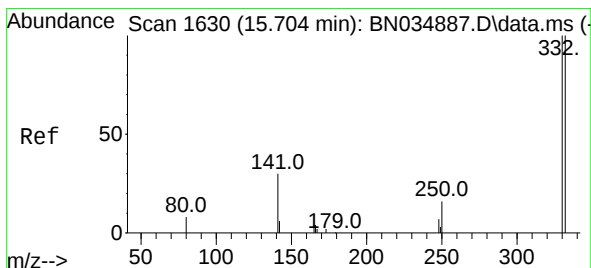
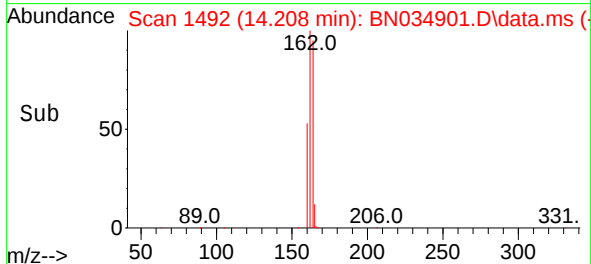
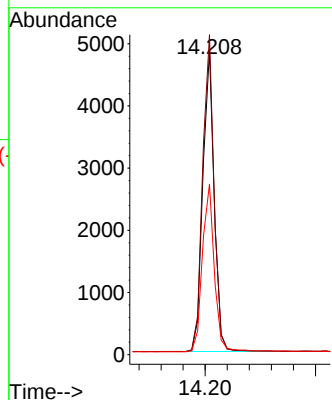
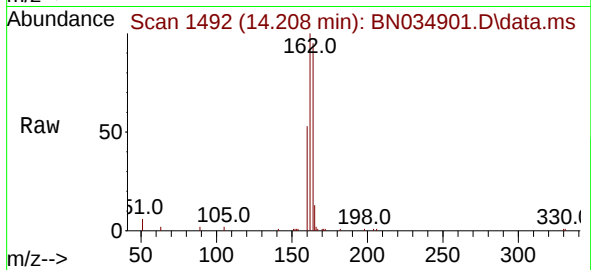
Tgt Ion:164 Resp: 6925

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

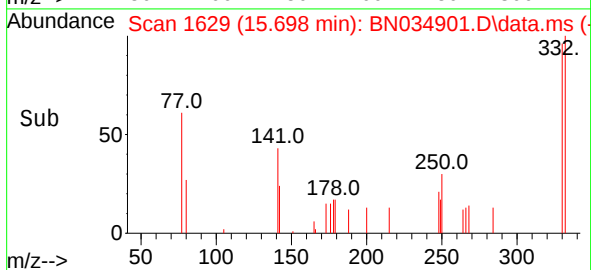
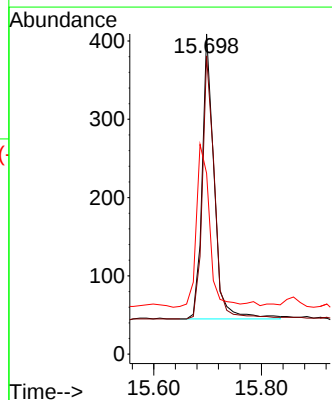
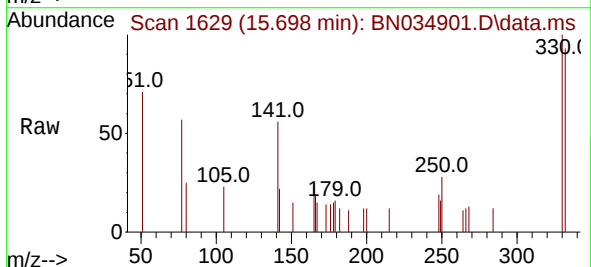
Tgt Ion:330 Resp: 565

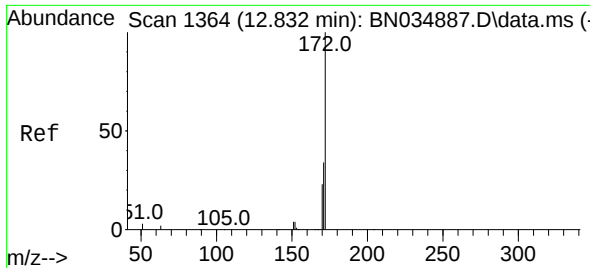
Ion Ratio Lower Upper

330 100

332 92.7 77.1 115.7

141 62.8 54.1 81.1

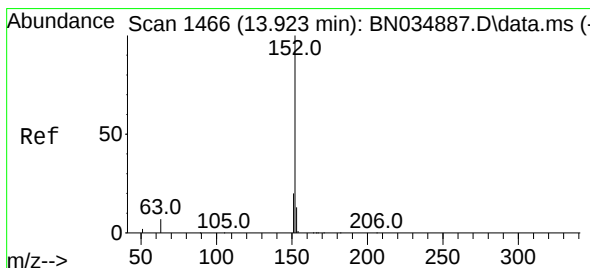
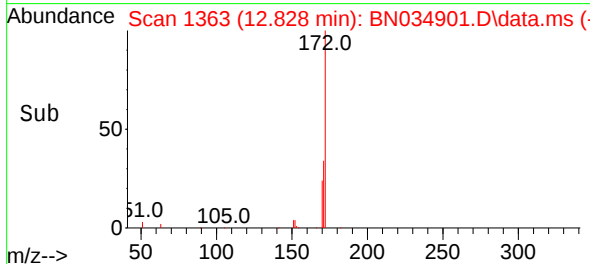
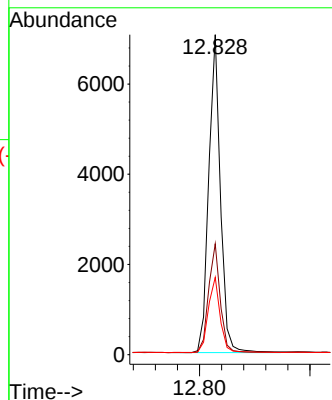
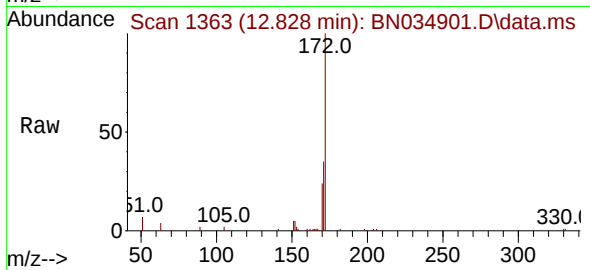




#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.828 min Scan# 1465
Delta R.T. -0.004 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

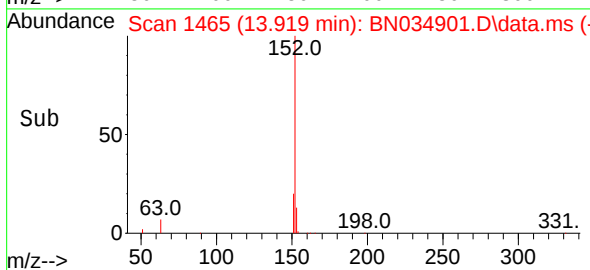
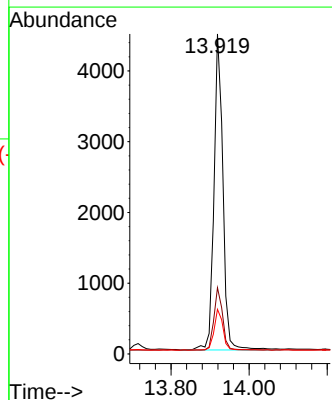
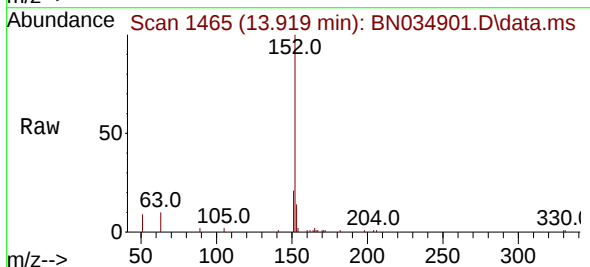
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

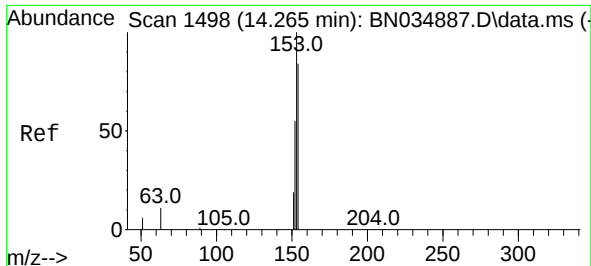
Tgt Ion:172 Resp: 10380
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 24.2 19.0 28.4



#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

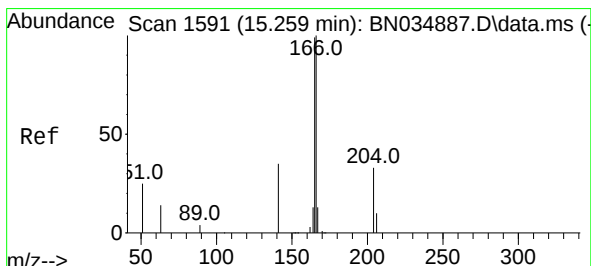
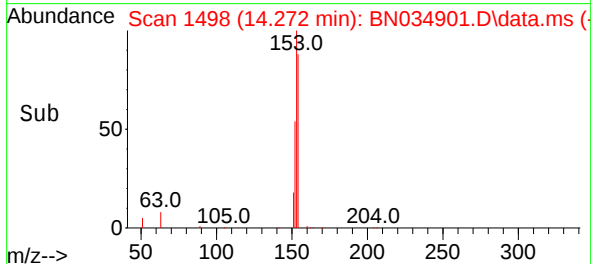
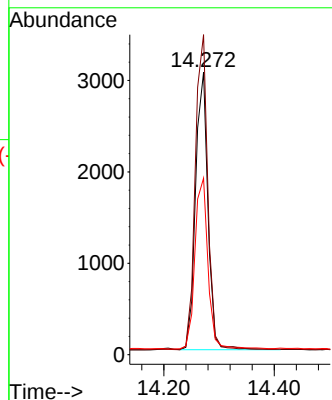
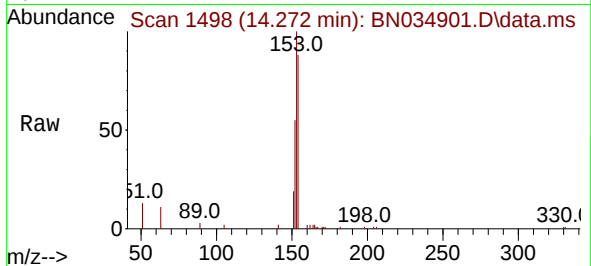




#17
Acenaphthene
Concen: 0.204 ng
RT: 14.272 min Scan# 1498
Delta R.T. 0.007 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

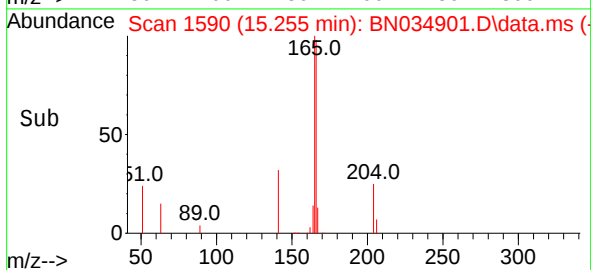
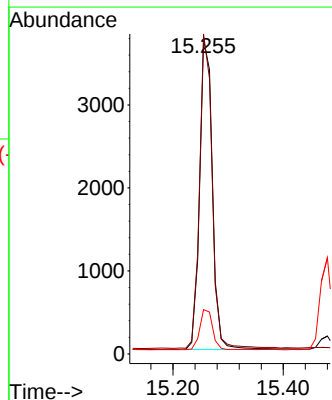
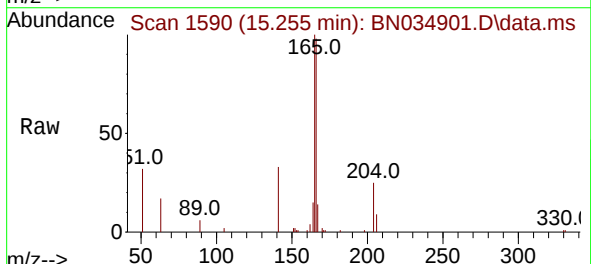
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

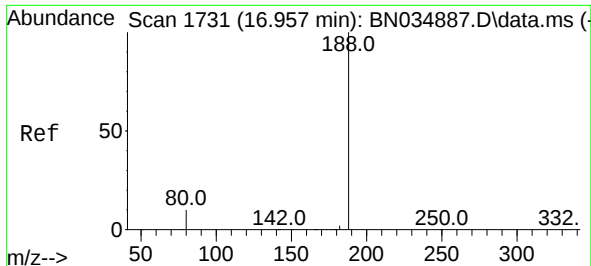
Tgt Ion:154 Resp: 4725
Ion Ratio Lower Upper
154 100
153 114.3 92.2 138.2
152 64.9 51.1 76.7



#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# 1731

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

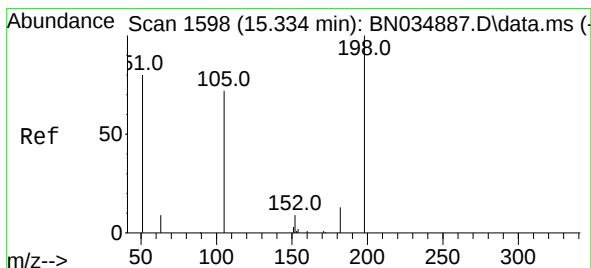
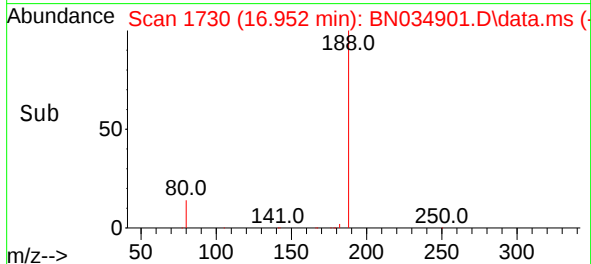
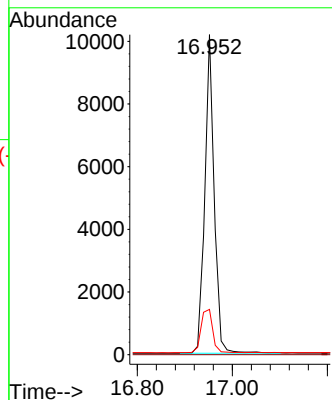
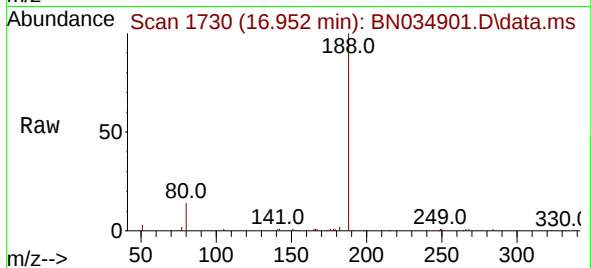
Tgt Ion:188 Resp: 14040

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

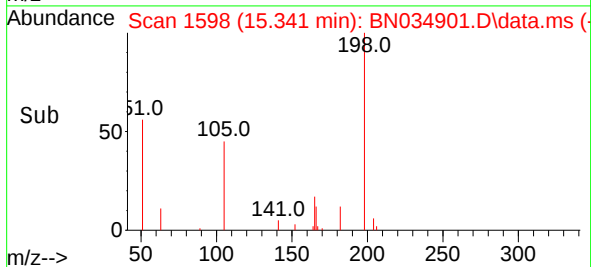
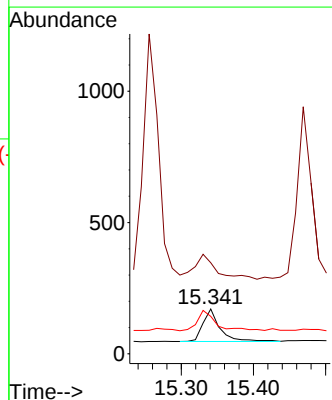
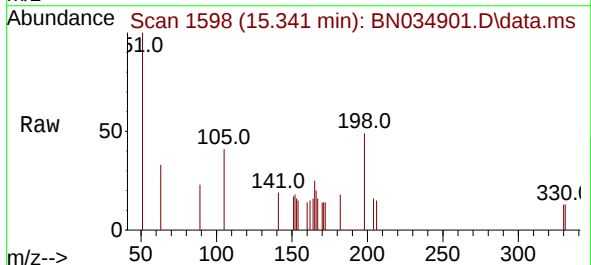
Tgt Ion:198 Resp: 205

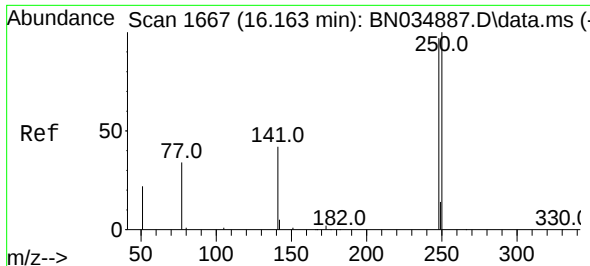
Ion Ratio Lower Upper

198 100

51 202.9 141.8 212.8

105 83.6 75.6 113.4

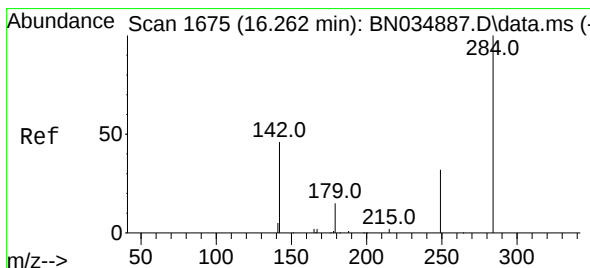
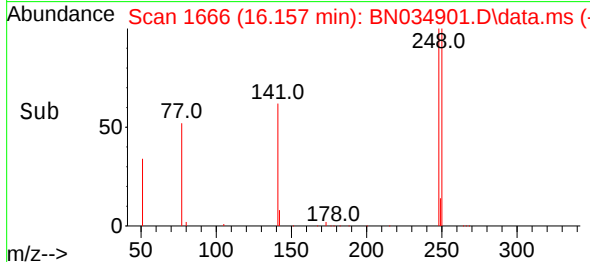
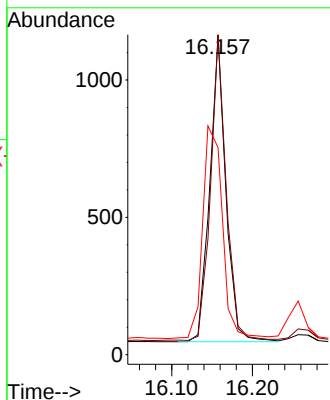
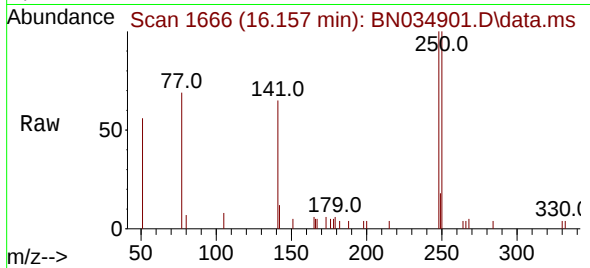




#21
4-Bromophenyl-phenylether
Concen: 0.206 ng
RT: 16.157 min Scan# 1666
Delta R.T. -0.005 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

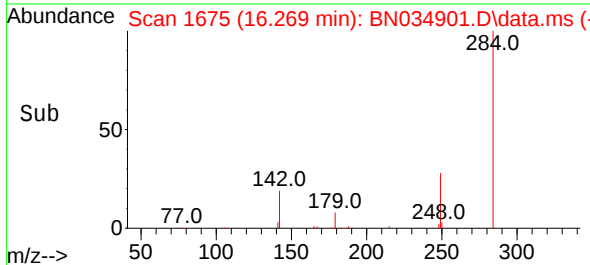
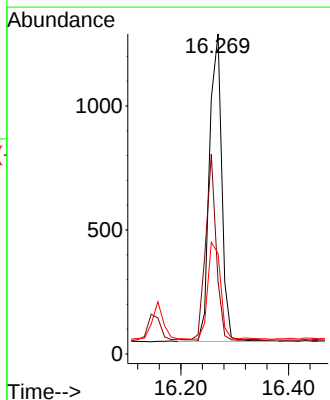
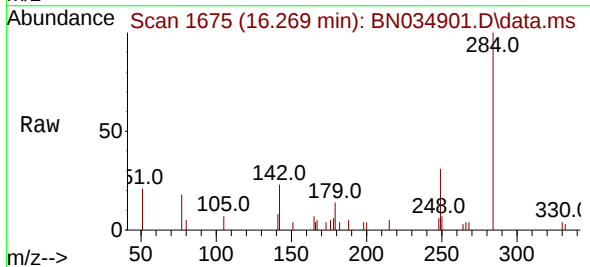
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

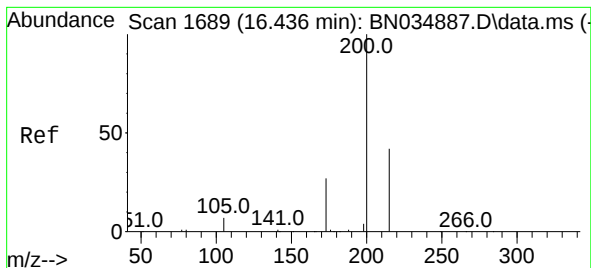
Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.4	82.2	123.4
141	65.0	36.2	54.2



#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

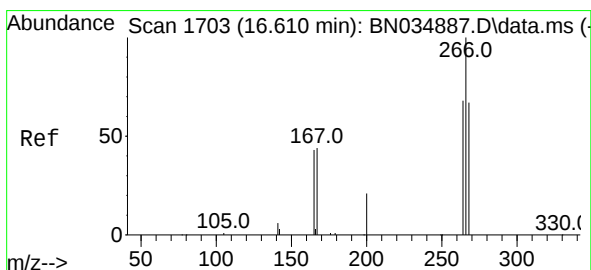
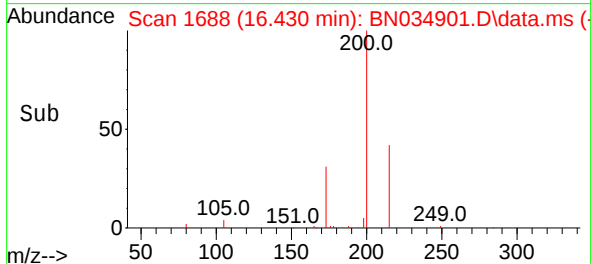
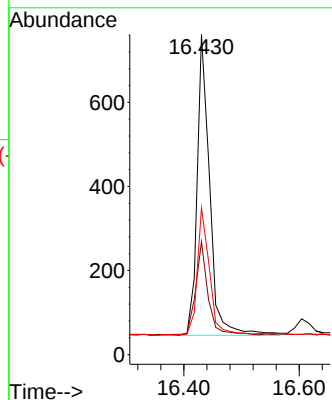
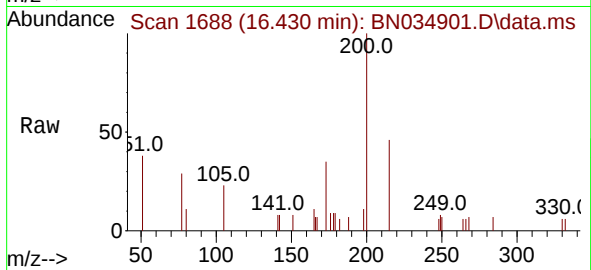
Tgt Ion:200 Resp: 1084

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

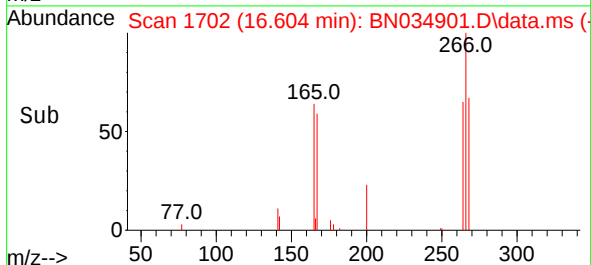
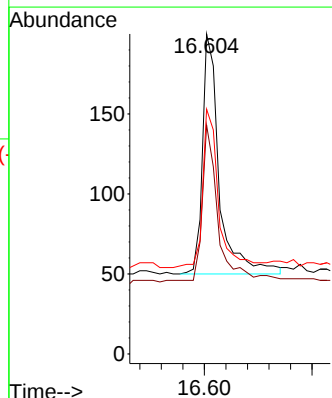
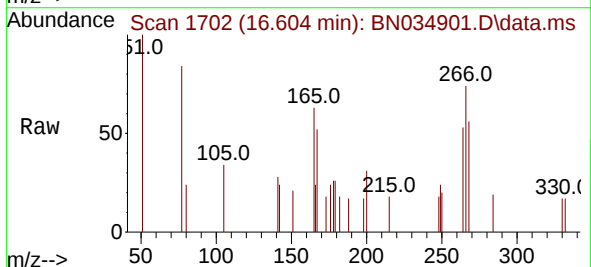
Tgt Ion:266 Resp: 326

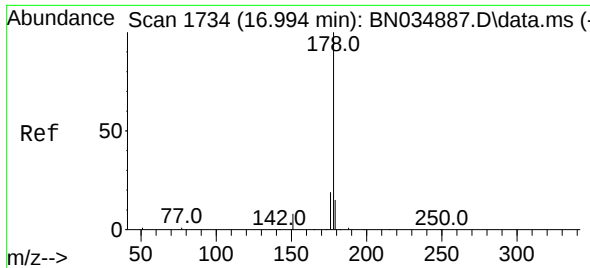
Ion Ratio Lower Upper

266 100

264 58.6 51.3 76.9

268 61.3 53.0 79.6

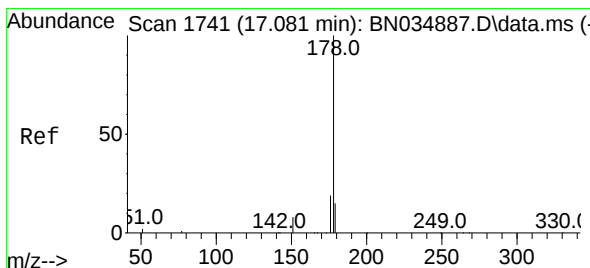
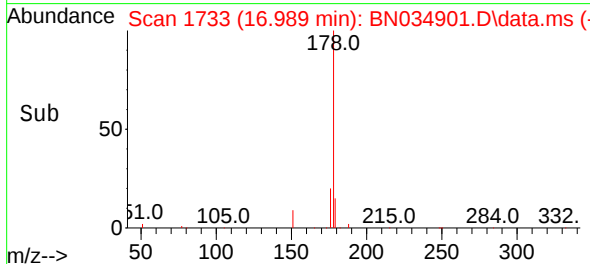
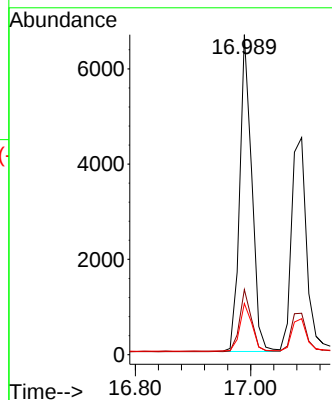
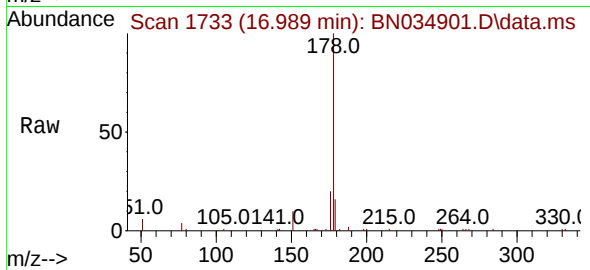




#25
Phenanthrene
Concen: 0.223 ng
RT: 16.989 min Scan# 1733
Delta R.T. -0.005 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

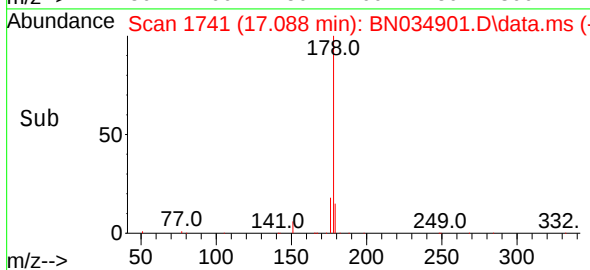
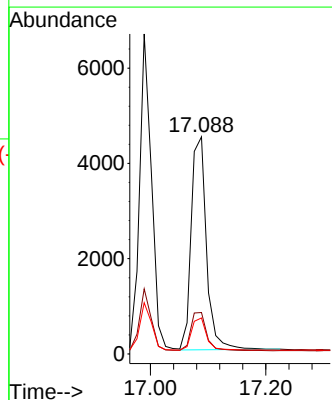
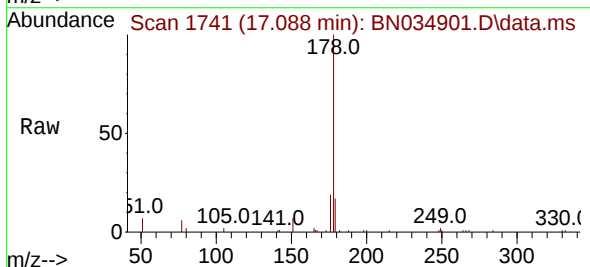
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

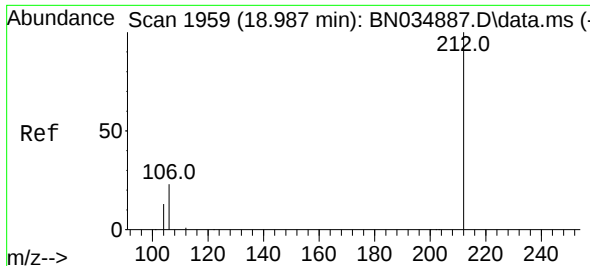
Tgt Ion:178 Resp: 9596
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.4 12.2 18.2



#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

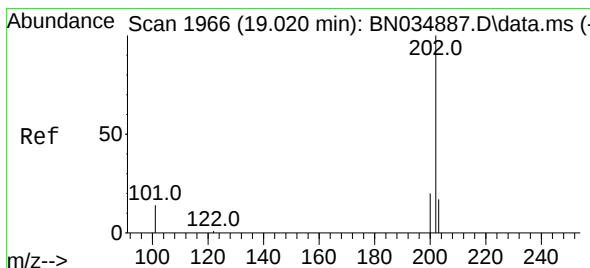
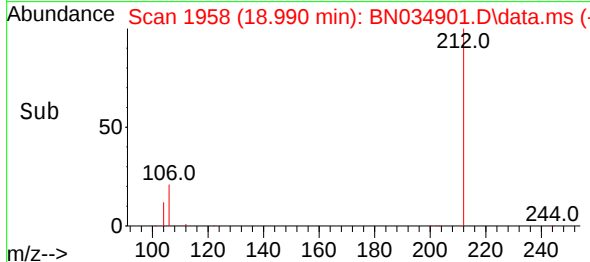
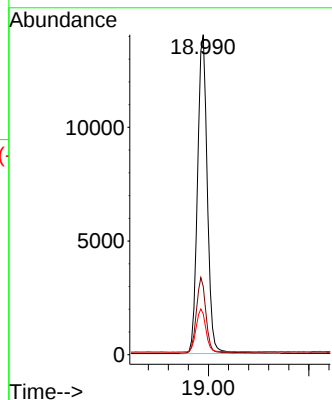
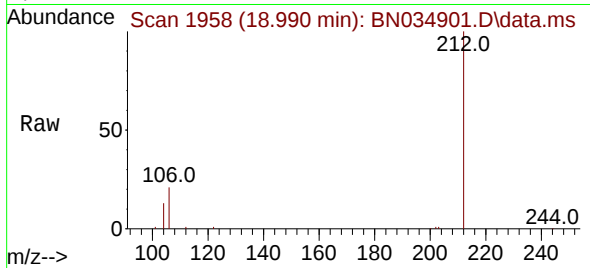




#27
Fluoranthene-d10
Concen: 0.597 ng
RT: 18.990 min Scan# 1958
Delta R.T. 0.002 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

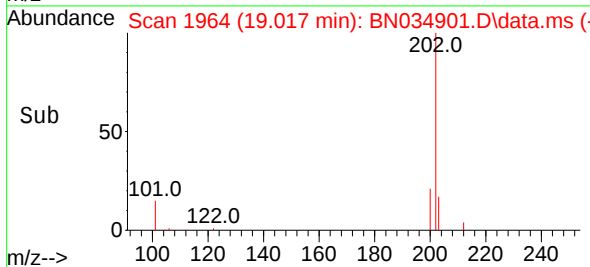
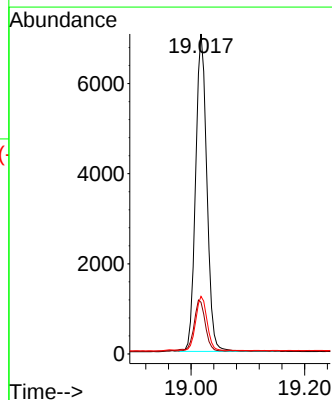
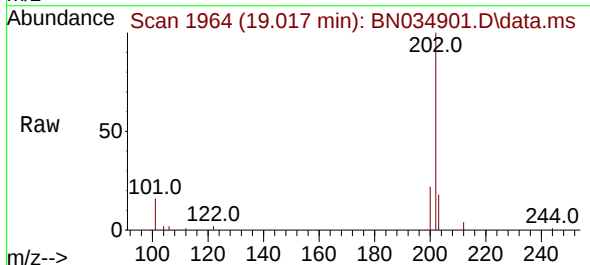
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

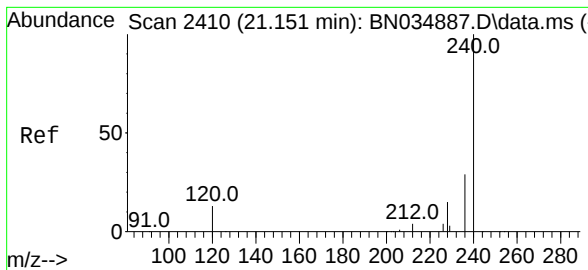
Tgt Ion	Ratio	Lower	Upper
212	100		
106	23.2	18.2	27.4
104	13.8	10.6	15.8



#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	Ratio	Lower	Upper
202	100		
101	16.7	12.7	19.1
203	17.4	13.7	20.5

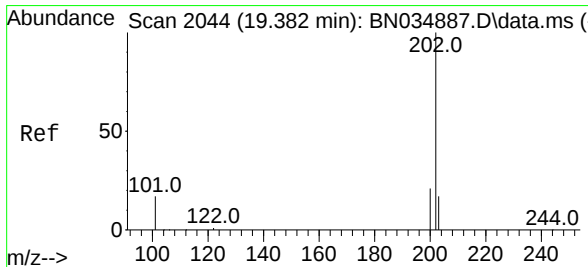
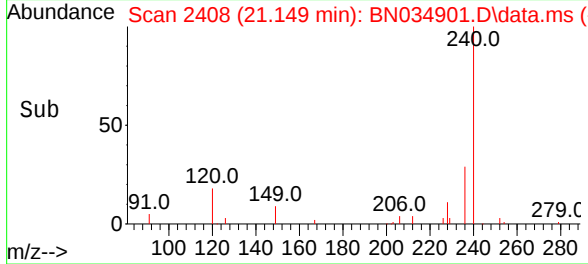
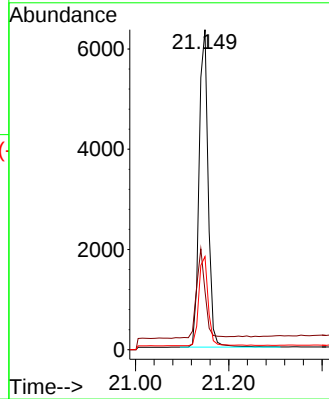
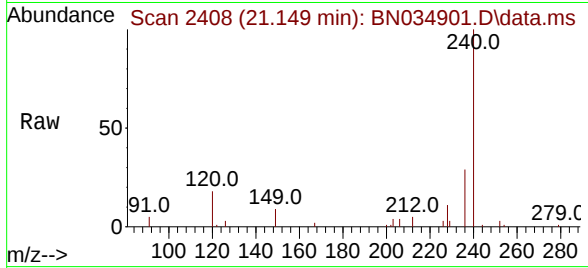




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.149 min Scan# 2408
Delta R.T. -0.002 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

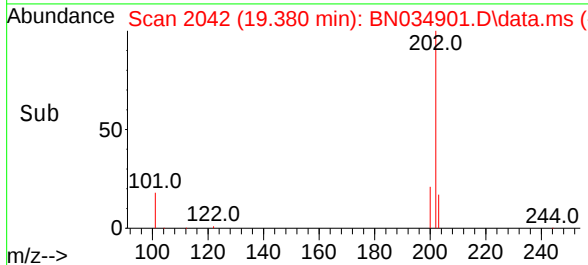
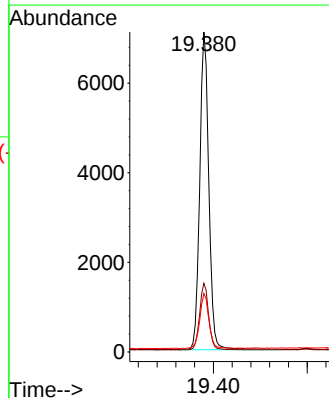
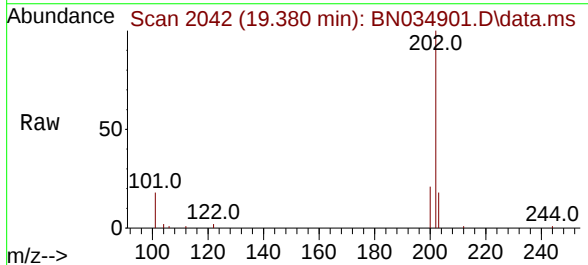
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

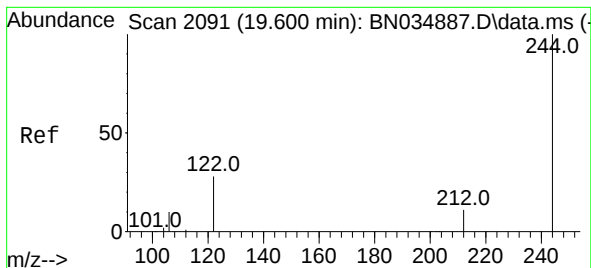
Tgt Ion:	240	Resp:	8598
Ion Ratio	Lower	Upper	
240	100		
120	18.3	13.8	20.8
236	29.1	23.8	35.6



#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

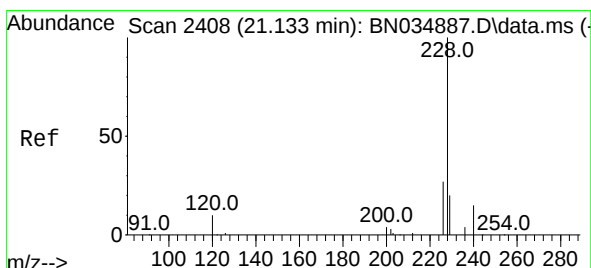
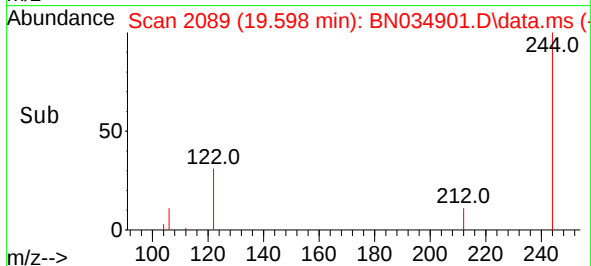
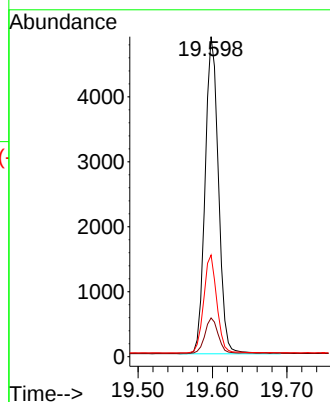
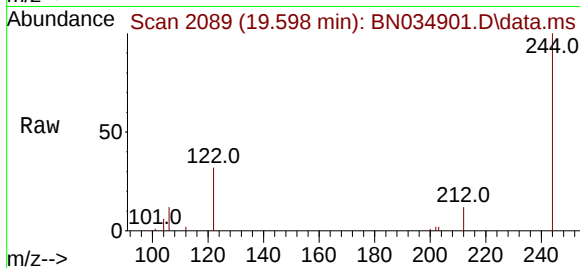
Tgt Ion:244 Resp: 6089

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

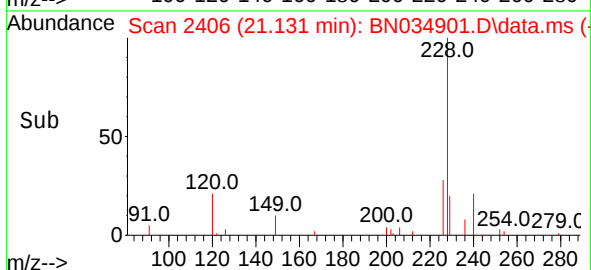
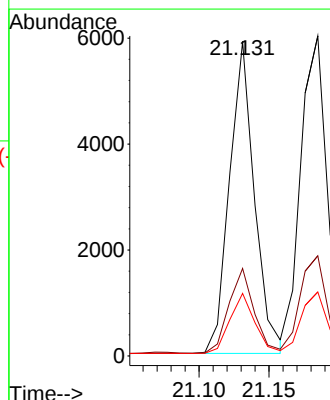
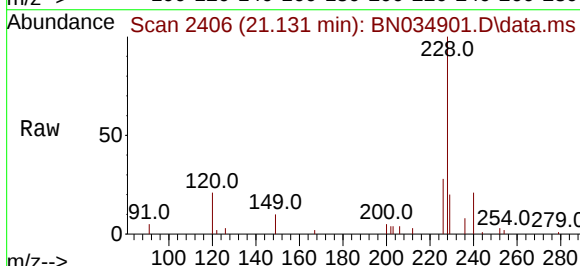
Tgt Ion:228 Resp: 7284

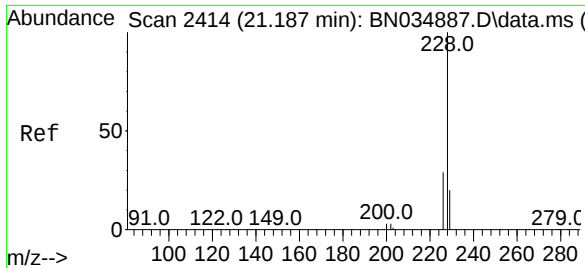
Ion Ratio Lower Upper

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

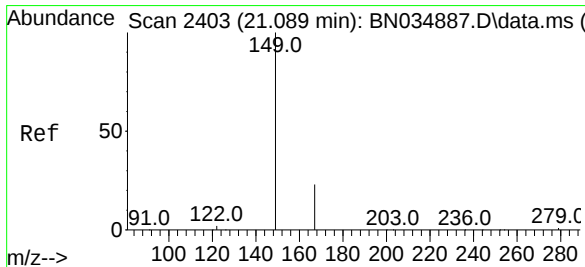
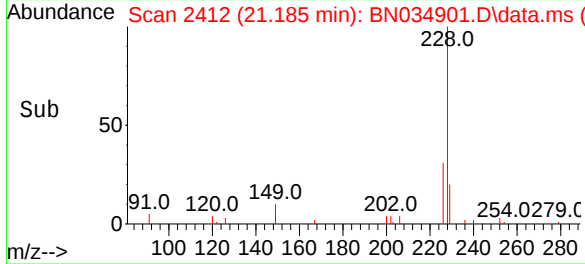
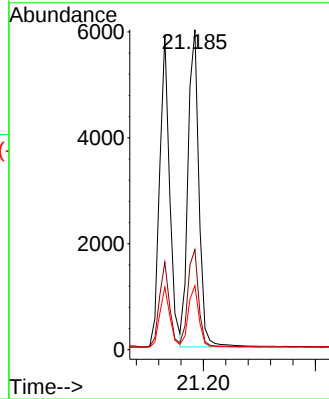
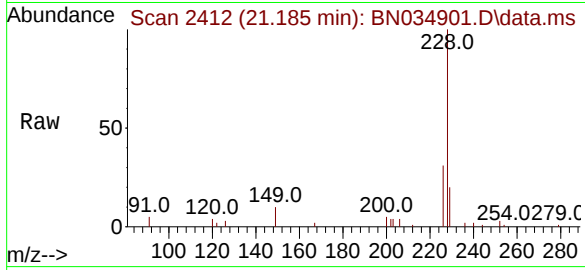
Tgt Ion:228 Resp: 8089

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

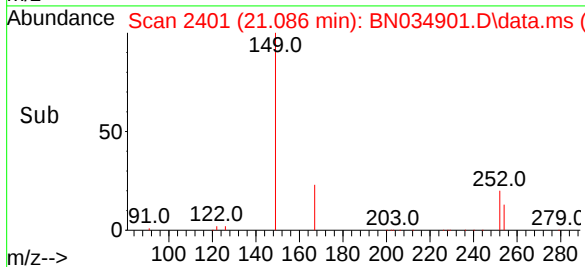
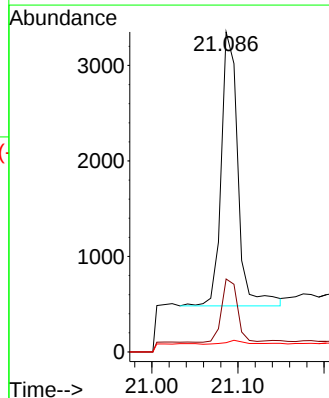
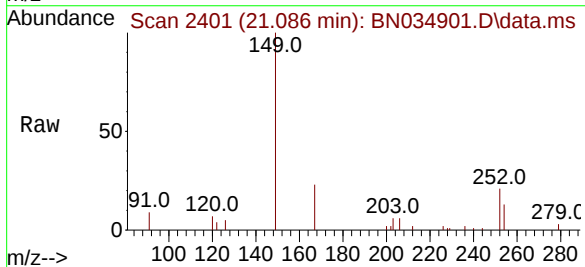
Tgt Ion:149 Resp: 3853

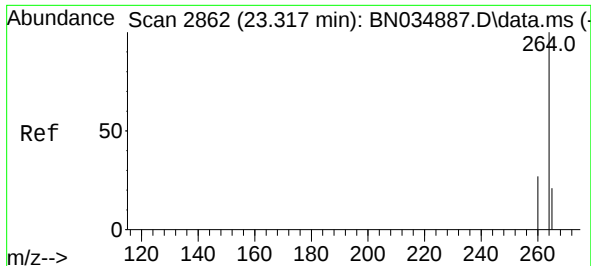
Ion Ratio Lower Upper

149 100

167 21.8 18.1 27.1

279 1.6 1.2 1.8

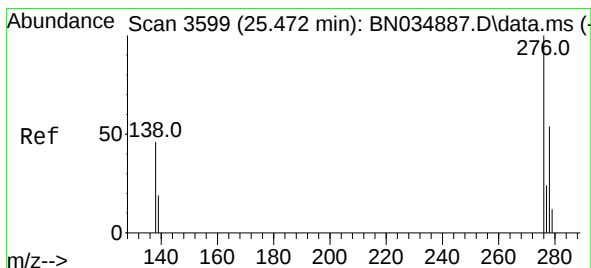
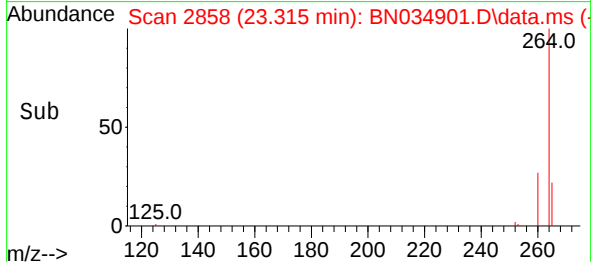
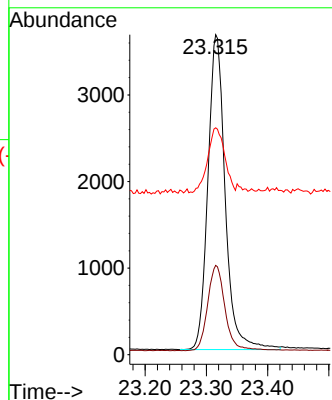
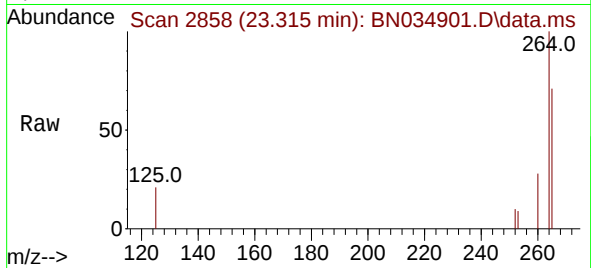




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.315 min Scan# 21
Delta R.T. -0.002 min
Lab File: BN034901.D
Acq: 08 Nov 2024 10:17

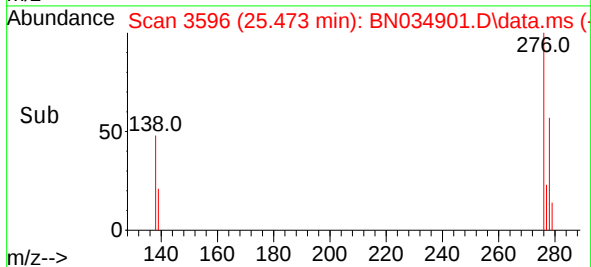
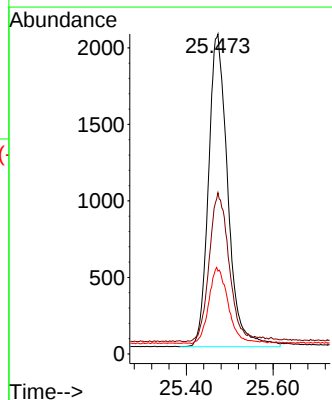
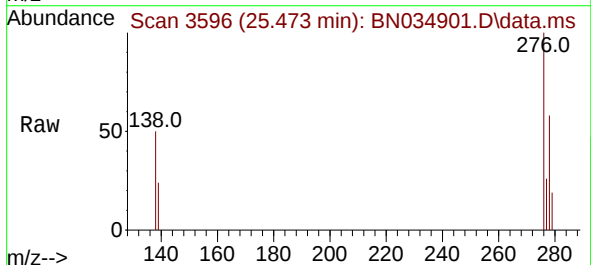
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

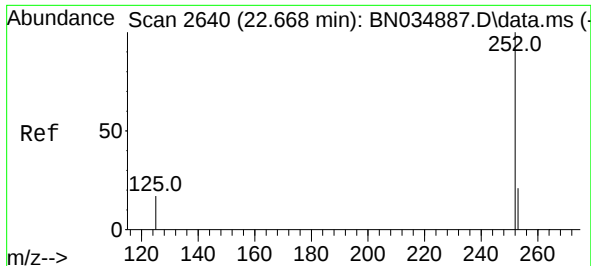
Tgt Ion:264 Resp: 7109
Ion Ratio Lower Upper
264 100
260 27.9 22.2 33.2
265 70.9 60.9 91.3



#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# 2640

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

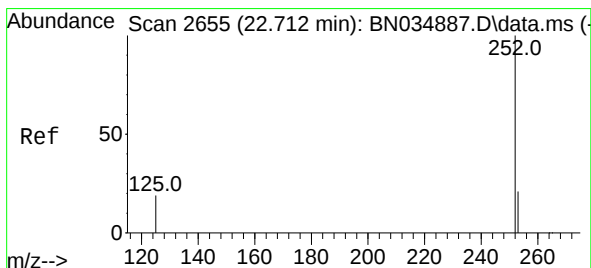
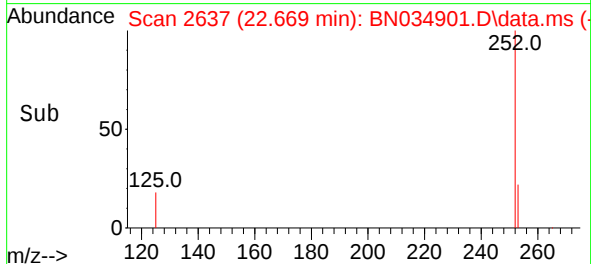
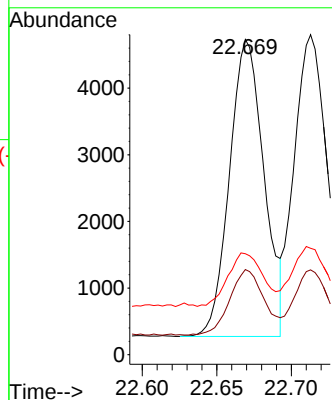
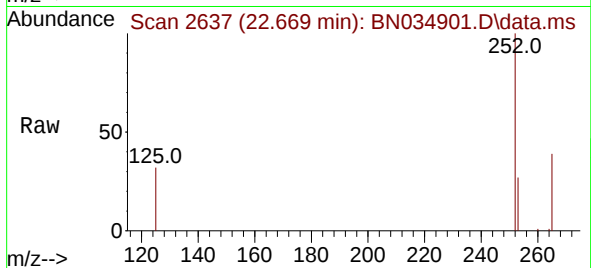
Tgt Ion:252 Resp: 7181

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

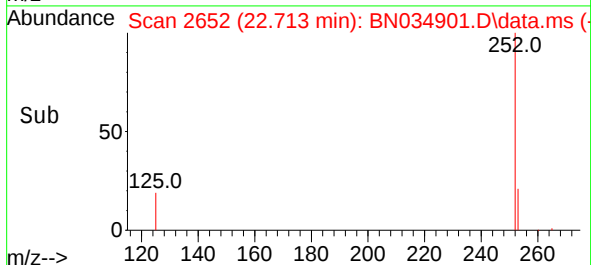
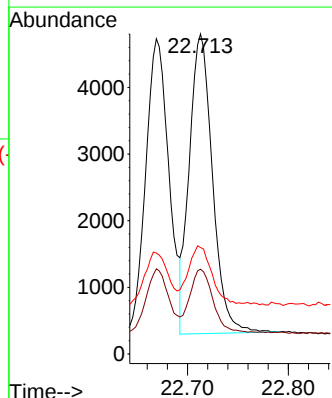
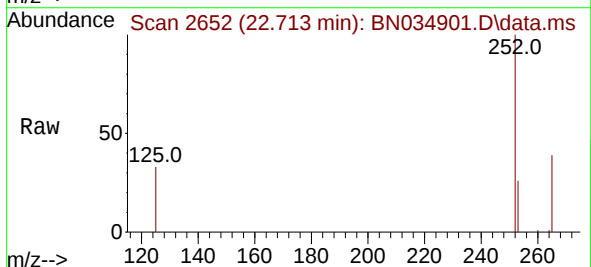
Tgt Ion:252 Resp: 7158

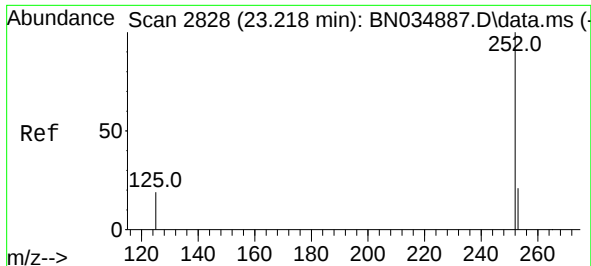
Ion Ratio Lower Upper

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

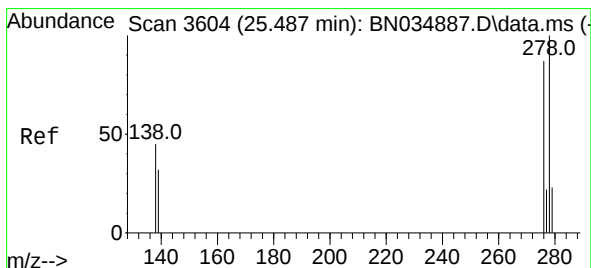
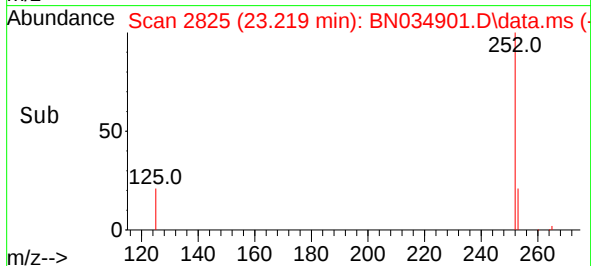
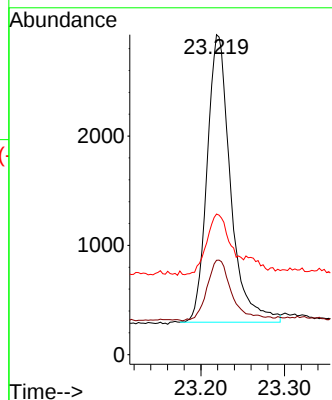
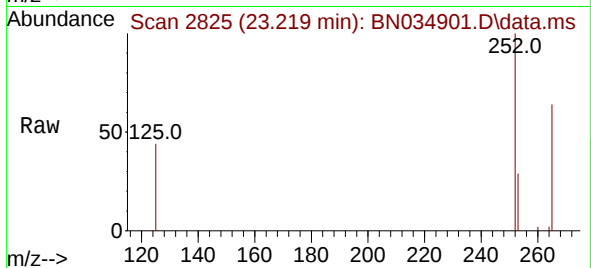
Tgt Ion:252 Resp: 5121

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

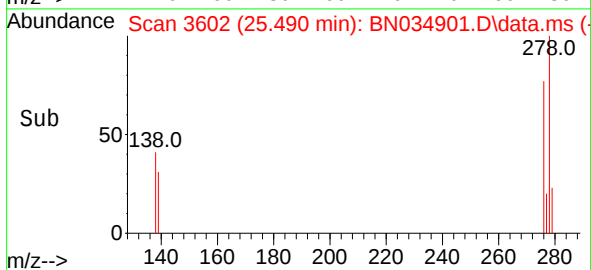
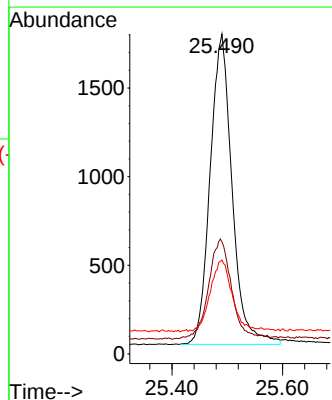
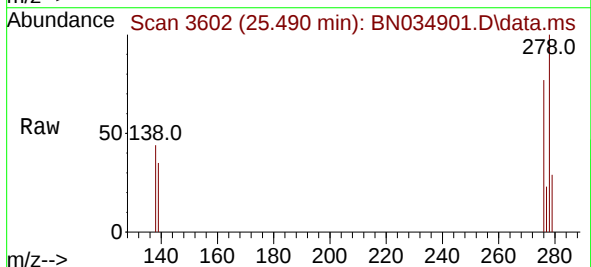
Tgt Ion:278 Resp: 4828

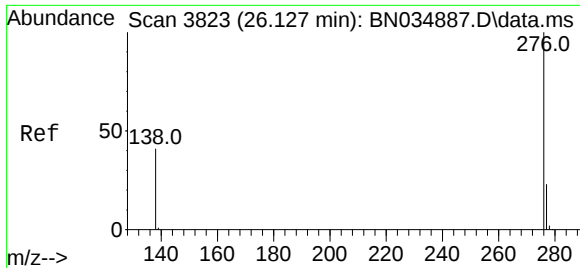
Ion Ratio Lower Upper

278 100

139 35.0 27.2 40.8

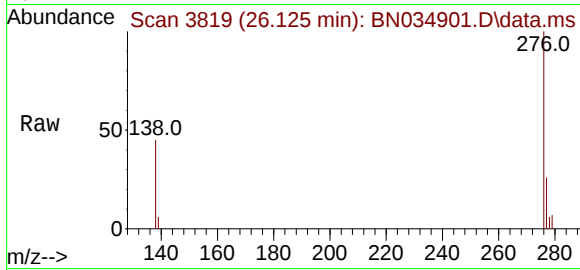
279 29.4 21.4 32.0





#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

