

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110824\
 Data File : BN034900.D
 Acq On : 08 Nov 2024 09:41
 Operator : RC/JU
 Sample : P4368-03
 Misc : MDL-MDL-SOIL-0.1 ng
 ALS Vial : 4 Sample Multiplier: 1

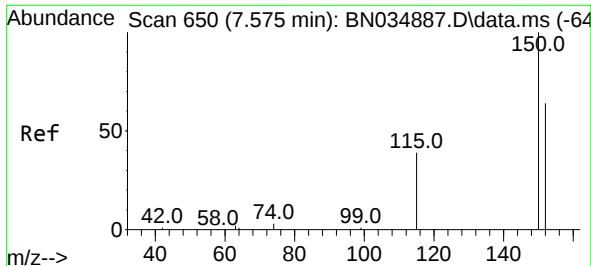
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Quant Time: Nov 08 10:06:24 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)

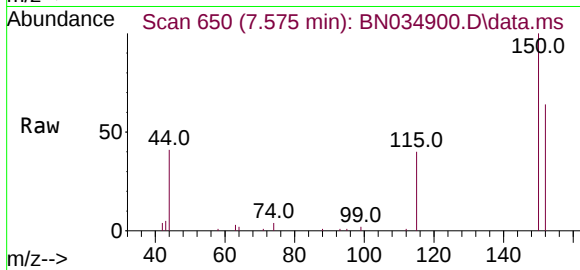
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	7662	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	23245	0.400	ng	0.00
13) Acenaphthene-d10	14.208	164	11060	0.400	ng	0.00
19) Phenanthrene-d10	16.952	188	22355	0.400	ng	# 0.00
29) Chrysene-d12	21.149	240	13873	0.400	ng	0.00
35) Perylene-d12	23.315	264	11983	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.199	112	4904	0.230	ng	0.00
5) Phenol-d6	6.752	99	6676	0.235	ng	0.00
8) Nitrobenzene-d5	8.707	82	4651	0.257	ng	0.00
11) 2-Methylnaphthalene-d10	11.935	152	13043	0.412	ng	0.00
14) 2,4,6-Tribromophenol	15.698	330	678	0.246	ng	0.00
15) 2-Fluorobiphenyl	12.829	172	12216	0.261	ng	0.00
27) Fluoranthene-d10	18.990	212	22157	0.440	ng	0.00
31) Terphenyl-d14	19.598	244	7751	0.298	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.191	88	869	0.090	ng	# 95
3) n-Nitrosodimethylamine	3.487	42	1001	0.077	ng	# 97
6) bis(2-Chloroethyl)ether	7.012	93	1934	0.079	ng	98
9) Naphthalene	10.383	128	5029	0.078	ng	97
10) Hexachlorobutadiene	10.682	225	795	0.077	ng	# 98
12) 2-Methylnaphthalene	12.011	142	3061	0.078	ng	99
16) Acenaphthylene	13.919	152	4051	0.076	ng	99
17) Acenaphthene	14.272	154	2724	0.074	ng	98
18) Fluorene	15.255	166	3458	0.075	ng	100
20) 4,6-Dinitro-2-methylph...	15.341	198	125	0.088	ng	# 52
21) 4-Bromophenyl-phenylether	16.157	248	915	0.077	ng	# 87
22) Hexachlorobenzene	16.269	284	1209	0.084	ng	96
23) Atrazine	16.430	200	963	0.112	ng	# 93
24) Pentachlorophenol	16.604	266	216	0.105	ng	87
25) Phenanthrene	16.989	178	6021	0.088	ng	99
26) Anthracene	17.088	178	4997	0.085	ng	100
28) Fluoranthene	19.017	202	6283	0.087	ng	99
30) Pyrene	19.380	202	6085	0.087	ng	100
32) Benzo(a)anthracene	21.131	228	4664	0.086	ng	99
33) Chrysene	21.185	228	5254	0.092	ng	99
34) Bis(2-ethylhexyl)phtha...	21.086	149	2586	0.083	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.470	276	4376	0.082	ng	99
37) Benzo(b)fluoranthene	22.669	252	4606	0.087	ng	# 82
38) Benzo(k)fluoranthene	22.713	252	4878	0.089	ng	# 80
39) Benzo(a)pyrene	23.222	252	3422	0.082	ng	# 74
40) Dibenzo(a,h)anthracene	25.490	278	3314	0.080	ng	# 91
41) Benzo(g,h,i)perylene	26.125	276	3656	0.083	ng	93

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



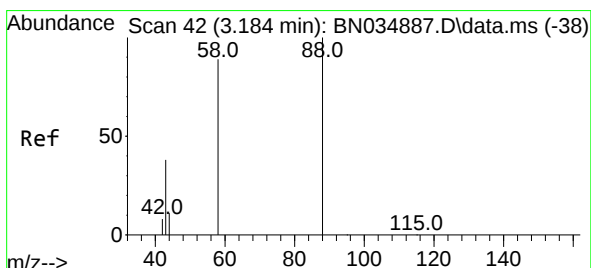
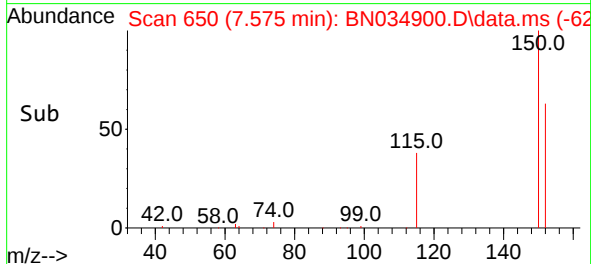
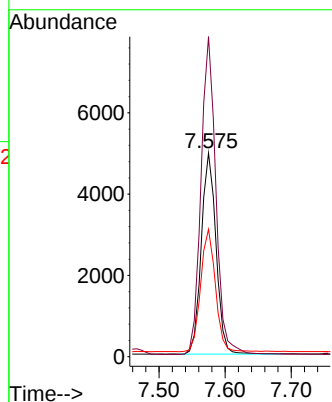
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 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN034900.D
 Acq: 08 Nov 2024 09:41

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



Tgt Ion:152 Resp: 7662

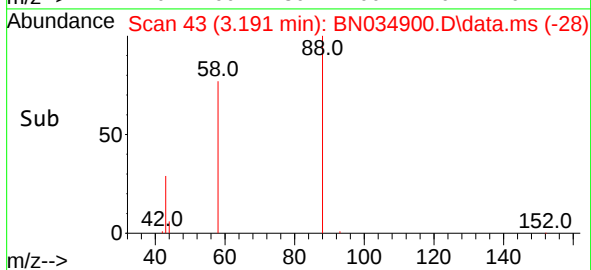
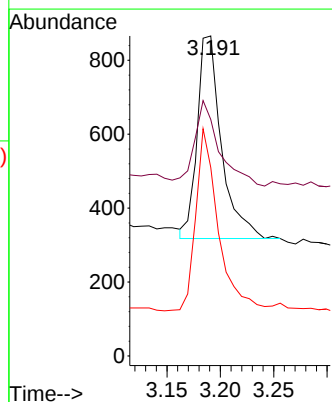
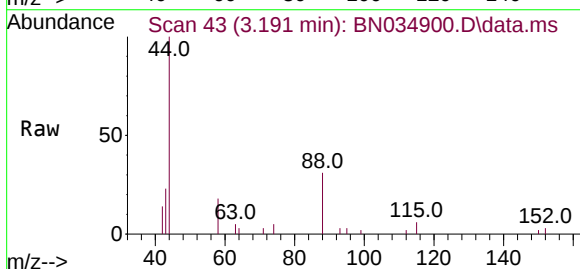
Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.4	186.6
115	62.6	50.5	75.7

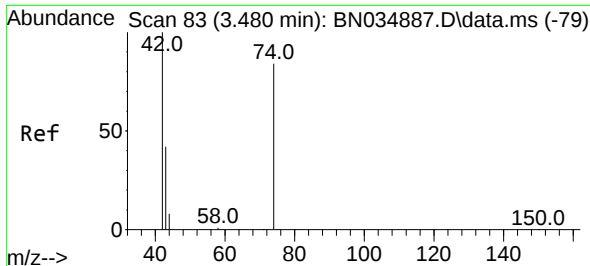


#2
 1,4-Dioxane
 Concen: 0.090 ng
 RT: 3.191 min Scan# 43
 Delta R.T. 0.007 min
 Lab File: BN034900.D
 Acq: 08 Nov 2024 09:41

Tgt Ion: 88 Resp: 869

Ion	Ratio	Lower	Upper
88	100		
43	43.5	28.2	42.2#
58	83.0	67.1	100.7

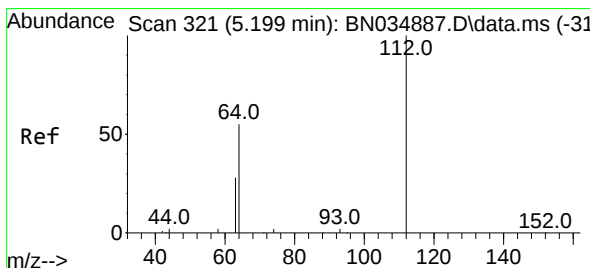
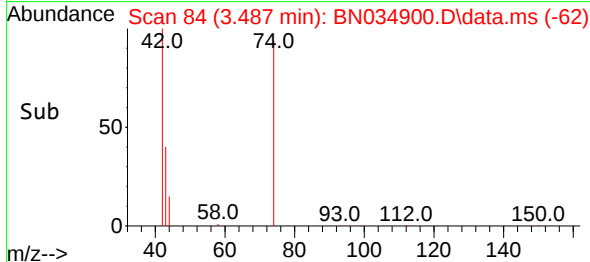
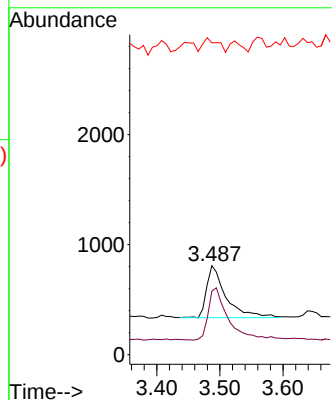
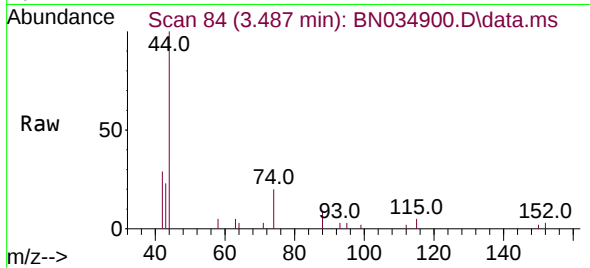




#3
n-Nitrosodimethylamine
Concen: 0.077 ng
RT: 3.487 min Scan# 84
Delta R.T. 0.007 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

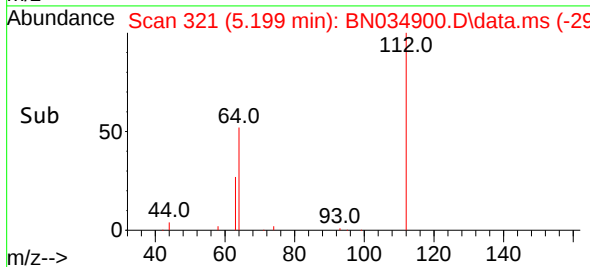
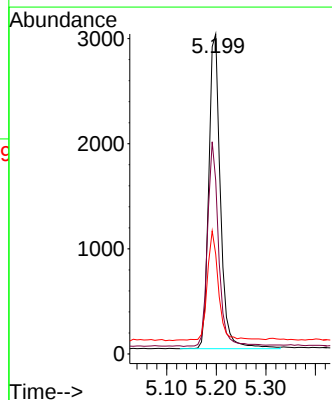
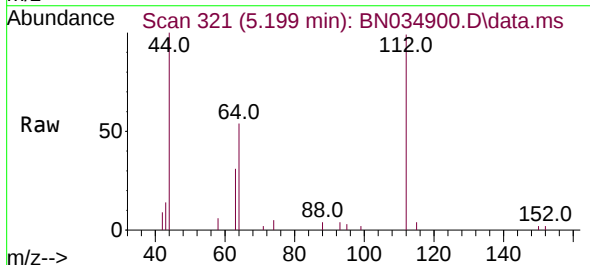
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

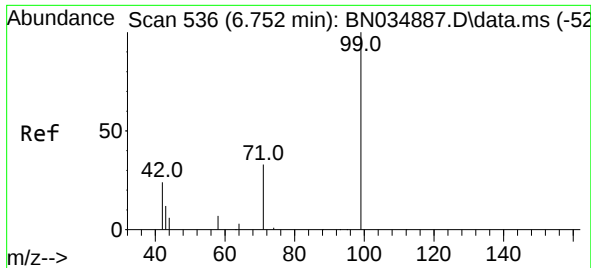
Tgt Ion: 42 Resp: 1001
Ion Ratio Lower Upper
42 100
74 104.8 83.4 125.2
44 20.6 8.6 12.8#



#4
2-Fluorophenol
Concen: 0.230 ng
RT: 5.199 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

Tgt Ion: 112 Resp: 4904
Ion Ratio Lower Upper
112 100
64 61.9 49.6 74.4
63 34.0 26.3 39.5

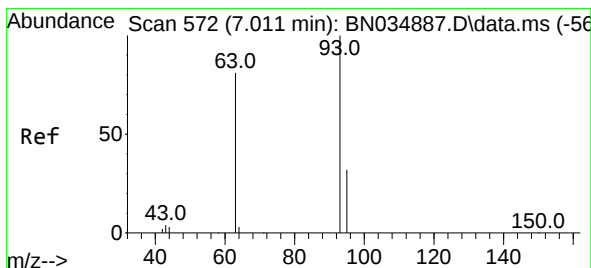
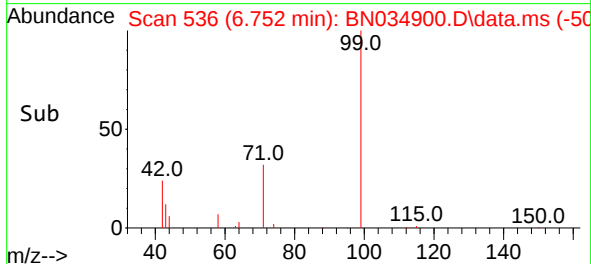
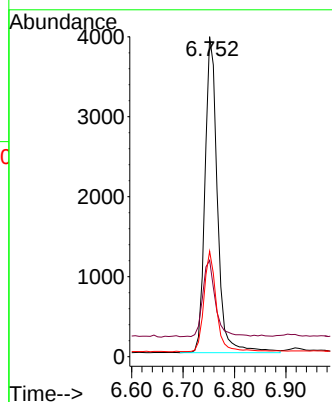
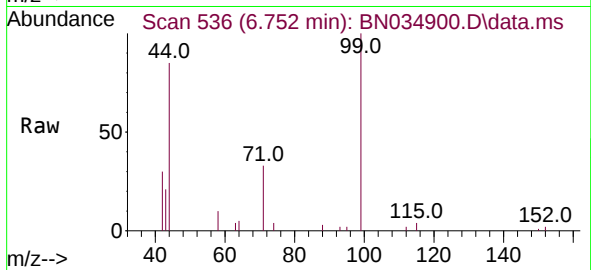




#5
Phenol-d6
Concen: 0.235 ng
RT: 6.752 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

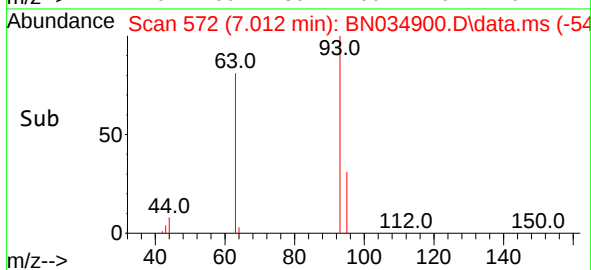
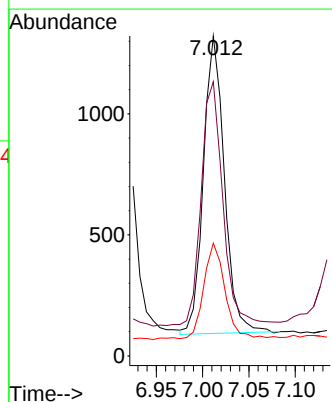
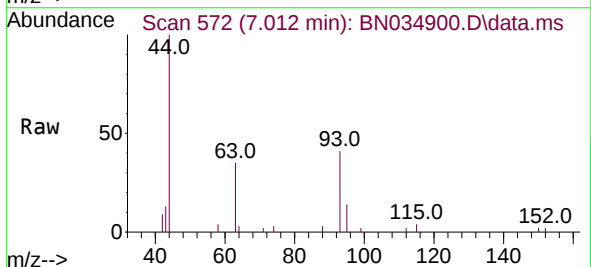
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

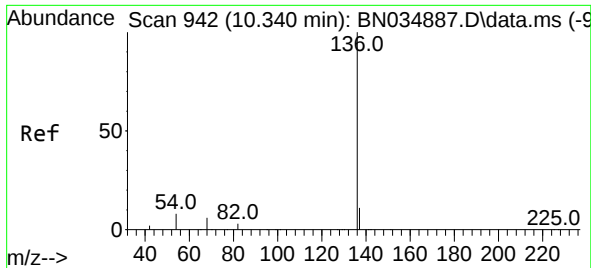
Tgt Ion:	99	Resp:	6676
Ion	Ratio	Lower	Upper
99	100		
42	24.3	20.2	30.2
71	31.3	25.4	38.0



#6
bis(2-Chloroethyl)ether
Concen: 0.079 ng
RT: 7.012 min Scan# 572
Delta R.T. 0.000 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

Tgt Ion:	93	Resp:	1934
Ion	Ratio	Lower	Upper
93	100		
63	85.6	67.5	101.3
95	34.2	25.7	38.5

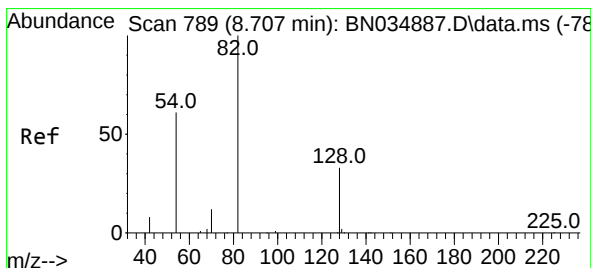
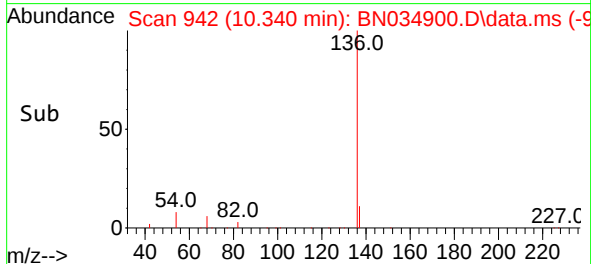
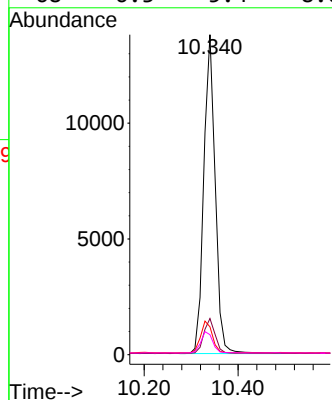
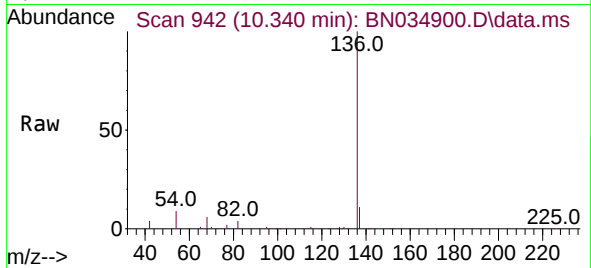




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 942
Delta R.T. 0.000 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

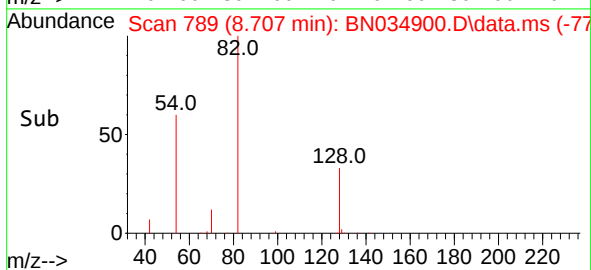
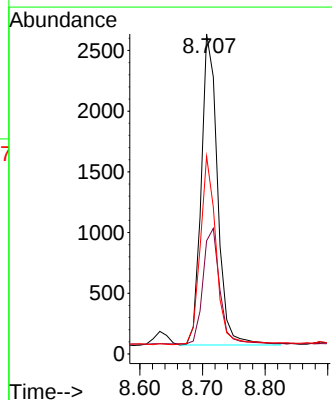
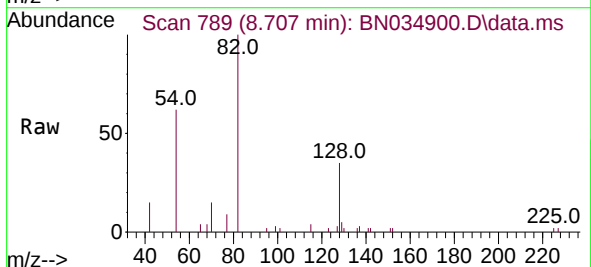
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

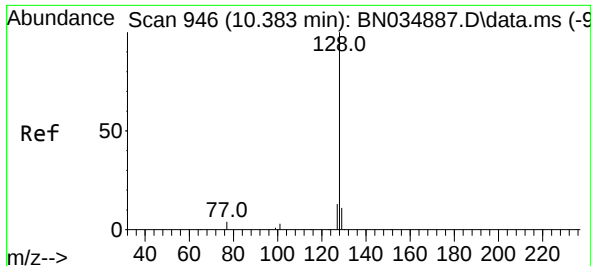
Tgt Ion:	136	Resp:	23245
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	8.7	6.9	10.3
68	6.3	5.4	8.0



#8
Nitrobenzene-d5
Concen: 0.257 ng
RT: 8.707 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

Tgt Ion:	82	Resp:	4651
Ion Ratio	Lower	Upper	
82	100		
128	35.4	28.1	42.1
54	61.8	49.8	74.6

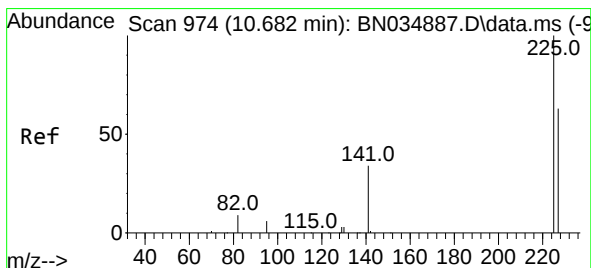
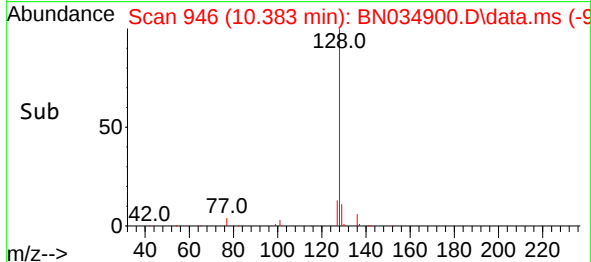
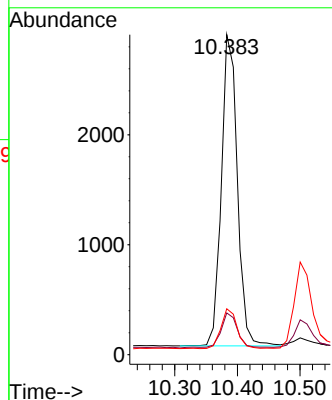
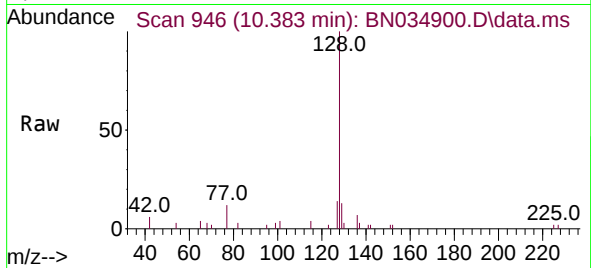




#9
Naphthalene
Concen: 0.078 ng
RT: 10.383 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

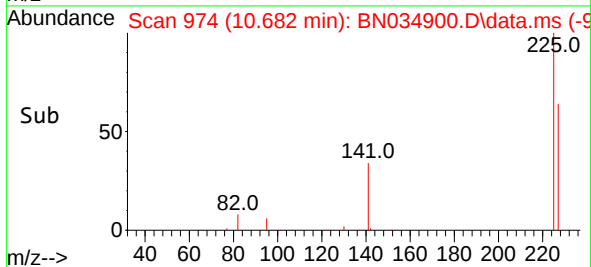
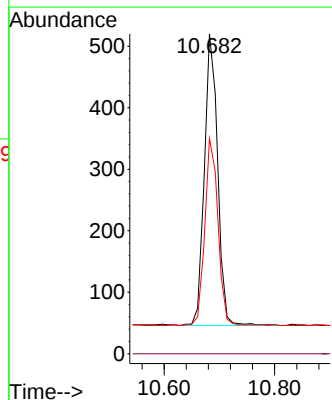
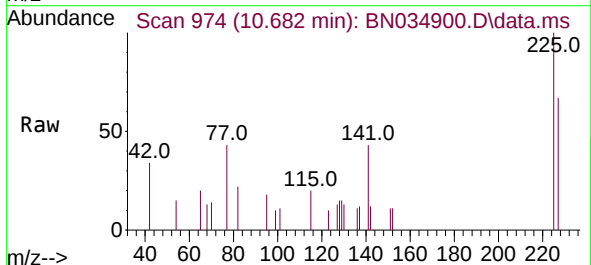
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

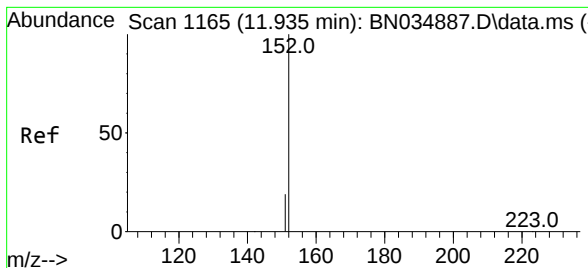
Tgt Ion:128 Resp: 5029
Ion Ratio Lower Upper
128 100
129 13.1 9.0 13.4
127 14.4 10.8 16.2



#10
Hexachlorobutadiene
Concen: 0.077 ng
RT: 10.682 min Scan# 974
Delta R.T. 0.000 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

Tgt Ion:225 Resp: 795
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.5 52.0 78.0

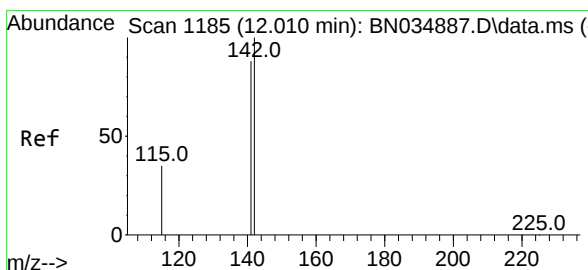
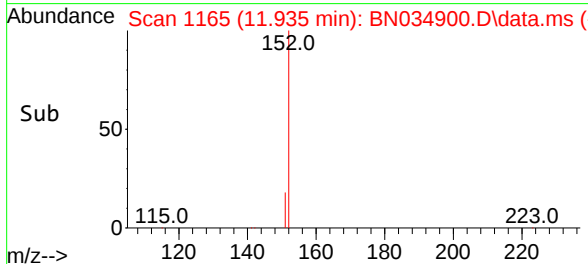
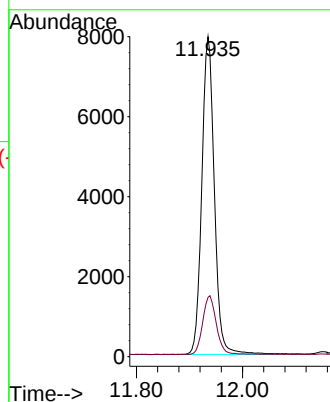
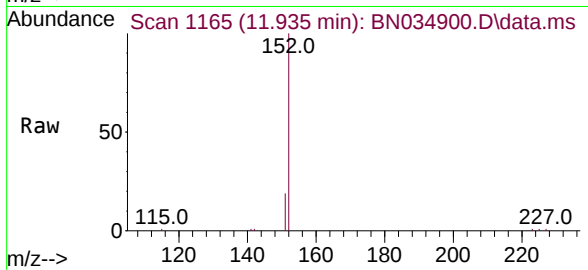




#11
2-Methylnaphthalene-d10
Concen: 0.412 ng
RT: 11.935 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

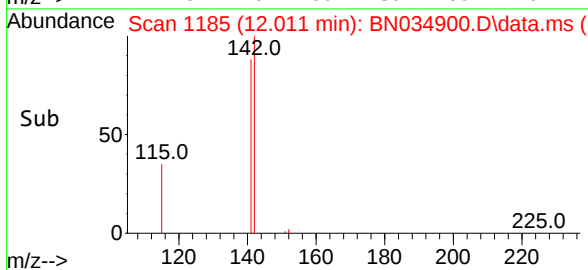
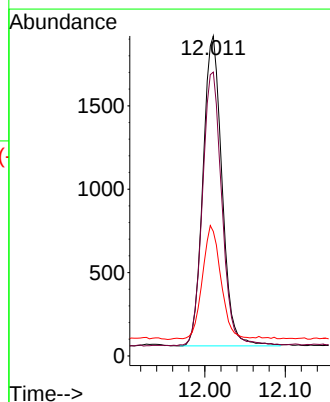
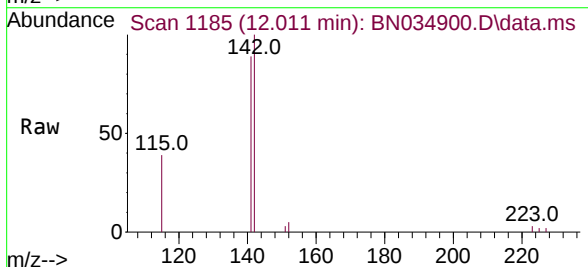
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

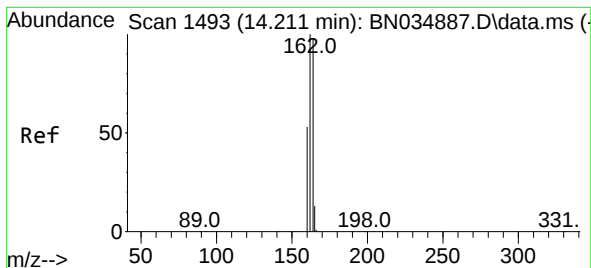
Tgt Ion:152 Resp: 13043
Ion Ratio Lower Upper
152 100
151 20.1 17.1 25.7



#12
2-Methylnaphthalene
Concen: 0.078 ng
RT: 12.011 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

Tgt Ion:142 Resp: 3061
Ion Ratio Lower Upper
142 100
141 88.7 70.5 105.7
115 38.9 29.4 44.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.208 min Scan# 14

Delta R.T. -0.003 min

Lab File: BN034900.D

Acq: 08 Nov 2024 09:41

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2024

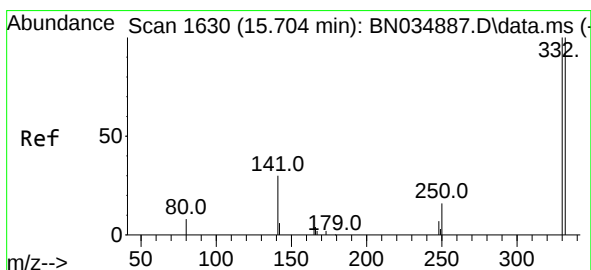
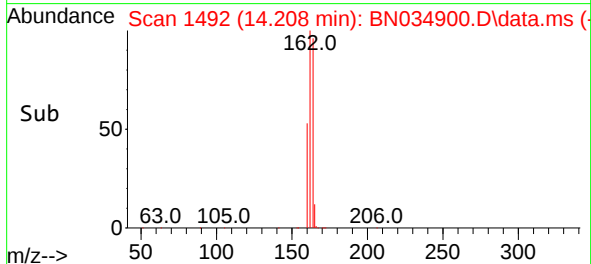
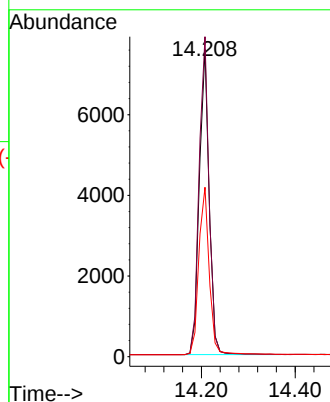
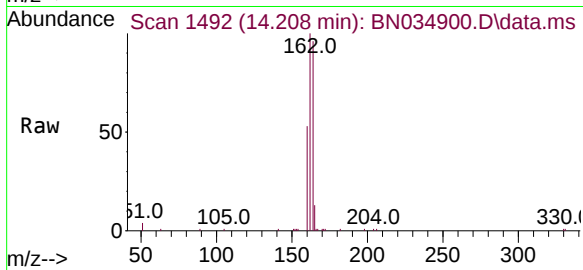
Tgt Ion:164 Resp: 11060

Ion Ratio Lower Upper

164 100

162 104.2 81.9 122.9

160 55.2 43.5 65.3



#14

2,4,6-Tribromophenol

Concen: 0.246 ng

RT: 15.698 min Scan# 1629

Delta R.T. -0.006 min

Lab File: BN034900.D

Acq: 08 Nov 2024 09:41

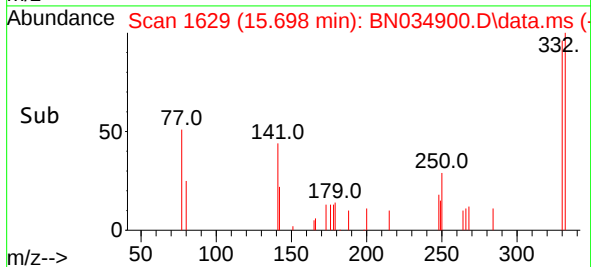
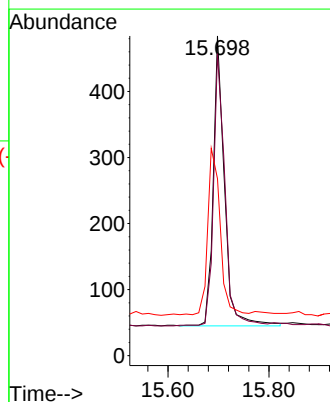
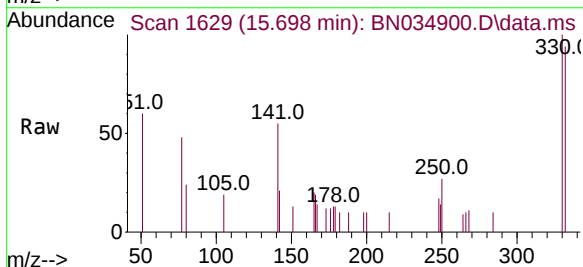
Tgt Ion:330 Resp: 678

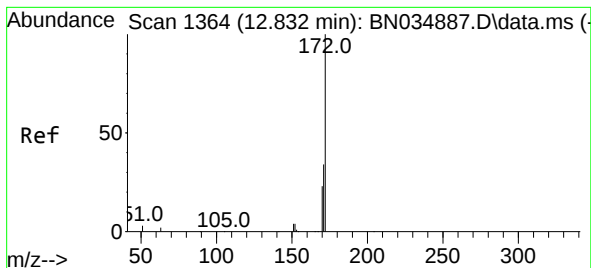
Ion Ratio Lower Upper

330 100

332 93.7 77.1 115.7

141 63.3 54.1 81.1





#15

2-Fluorobiphenyl

Concen: 0.261 ng

RT: 12.829 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN034900.D

Acq: 08 Nov 2024 09:41

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2024

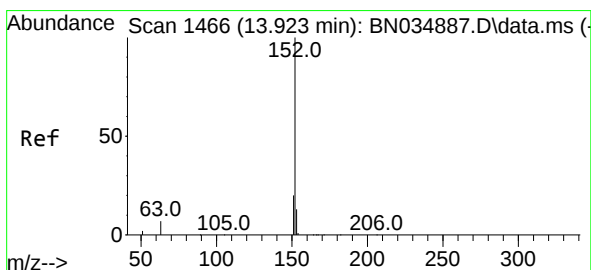
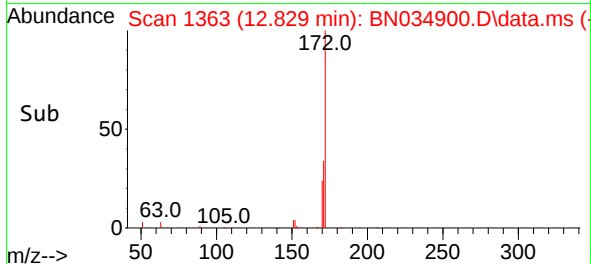
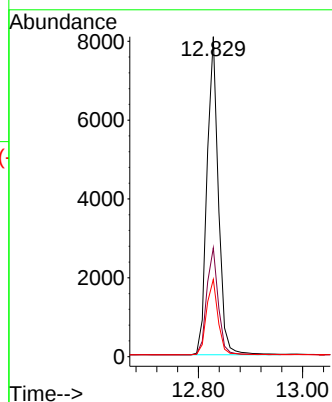
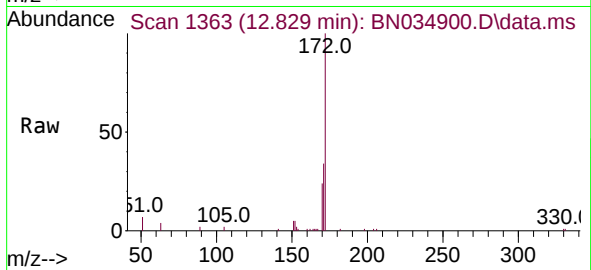
Tgt Ion:172 Resp: 12216

Ion Ratio Lower Upper

172 100

171 34.0 27.9 41.9

170 24.2 19.0 28.4



#16

Acenaphthylene

Concen: 0.076 ng

RT: 13.919 min Scan# 1465

Delta R.T. -0.004 min

Lab File: BN034900.D

Acq: 08 Nov 2024 09:41

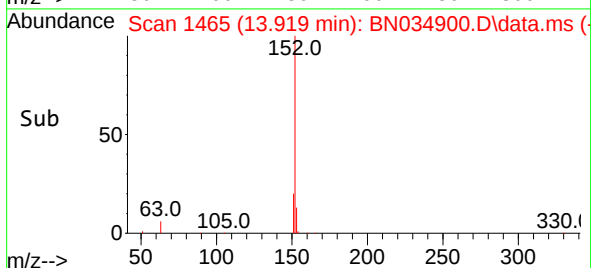
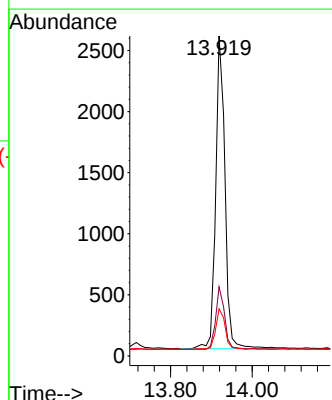
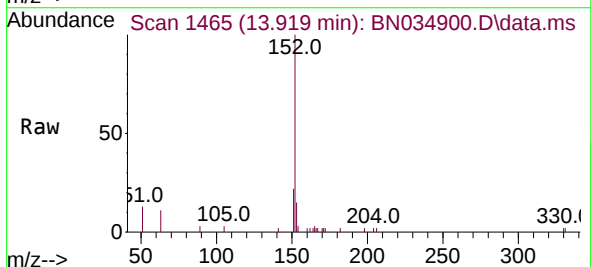
Tgt Ion:152 Resp: 4051

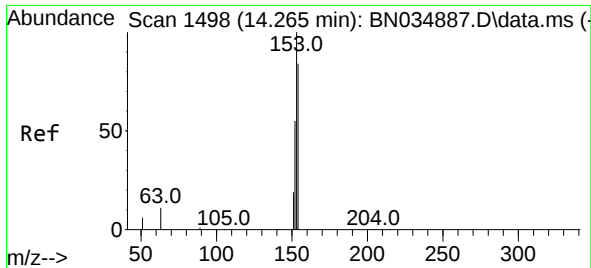
Ion Ratio Lower Upper

152 100

151 19.7 15.2 22.8

153 13.0 10.4 15.6

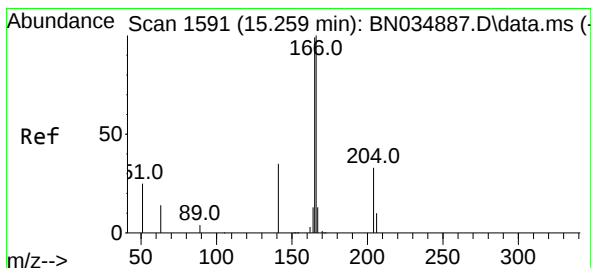
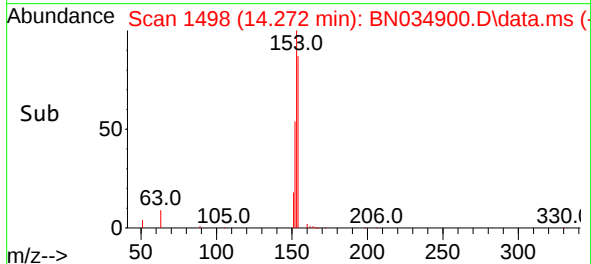
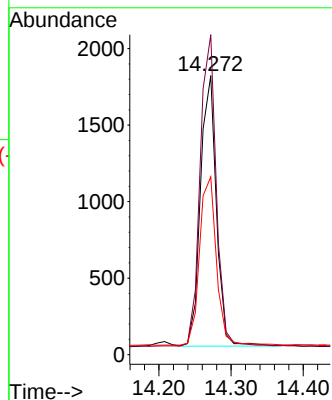
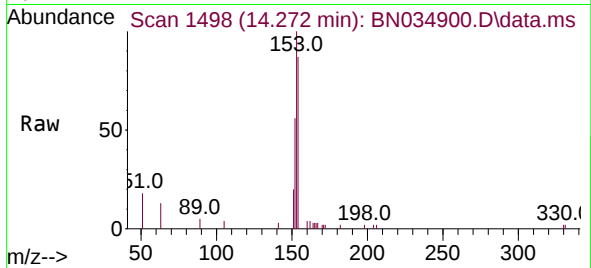




#17
Acenaphthene
Concen: 0.074 ng
RT: 14.272 min Scan# 1498
Delta R.T. 0.007 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

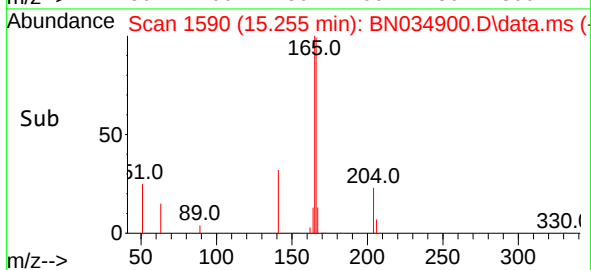
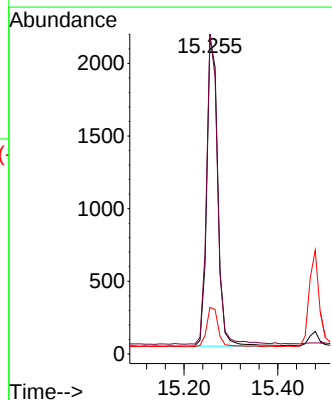
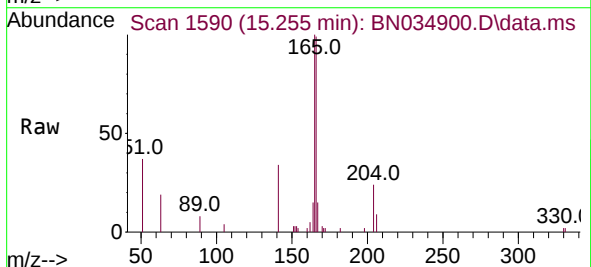
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

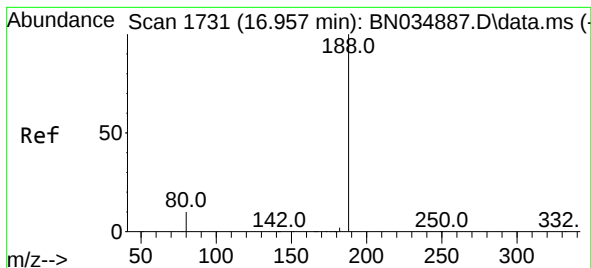
Tgt Ion:154 Resp: 2724
Ion Ratio Lower Upper
154 100
153 117.1 92.2 138.2
152 65.6 51.1 76.7



#18
Fluorene
Concen: 0.075 ng
RT: 15.255 min Scan# 1590
Delta R.T. -0.004 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

Tgt Ion:166 Resp: 3458
Ion Ratio Lower Upper
166 100
165 99.5 79.5 119.3
167 14.0 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.952 min Scan# 11

Delta R.T. -0.005 min

Lab File: BN034900.D

Acq: 08 Nov 2024 09:41

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2024

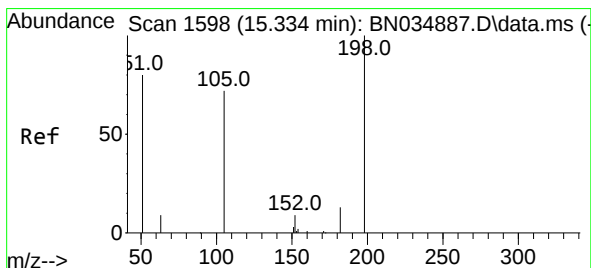
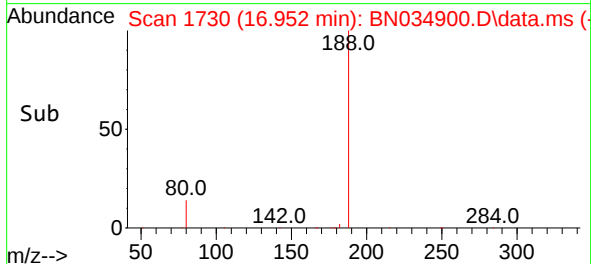
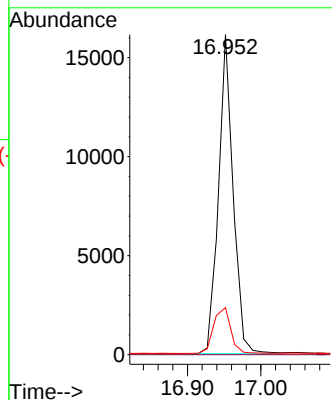
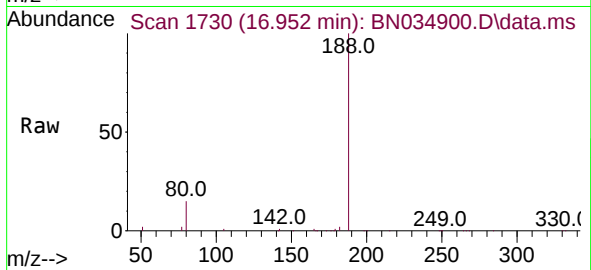
Tgt Ion:188 Resp: 22355

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.7 8.6 12.8#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.088 ng

RT: 15.341 min Scan# 1598

Delta R.T. 0.007 min

Lab File: BN034900.D

Acq: 08 Nov 2024 09:41

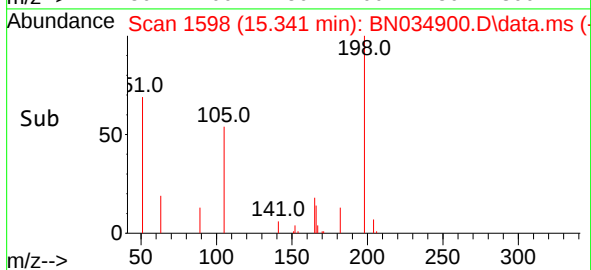
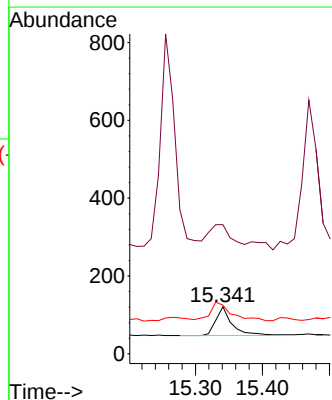
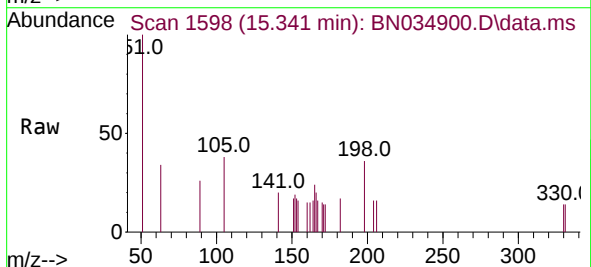
Tgt Ion:198 Resp: 125

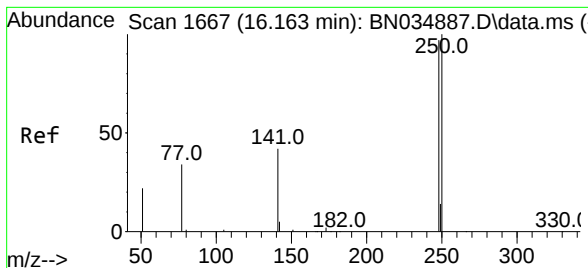
Ion Ratio Lower Upper

198 100

51 274.4 141.8 212.8#

105 103.3 75.6 113.4

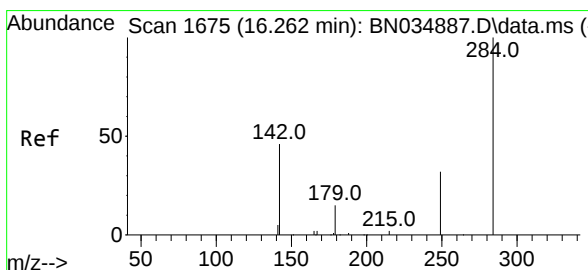
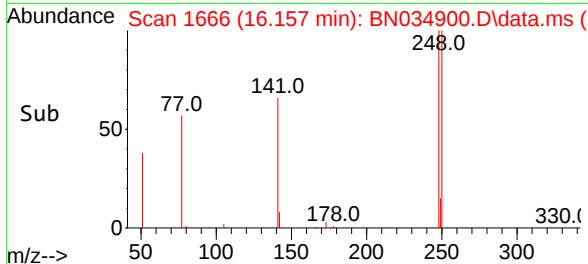
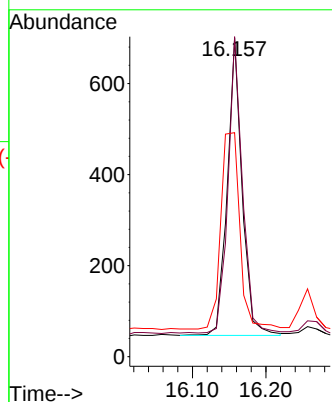
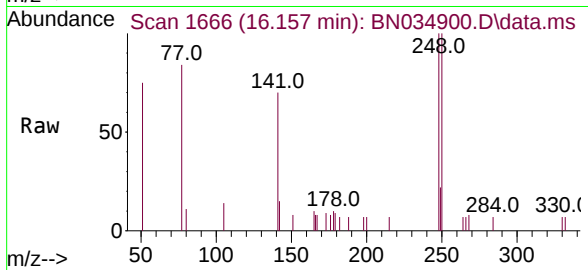




#21
4-Bromophenyl-phenylether
Concen: 0.077 ng
RT: 16.157 min Scan# 1666
Delta R.T. -0.005 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

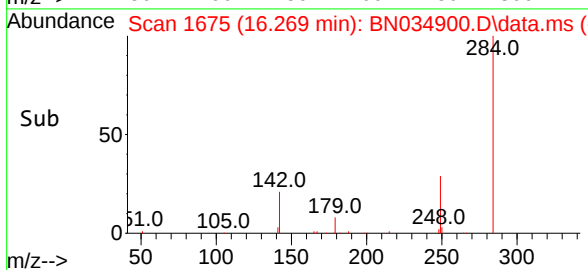
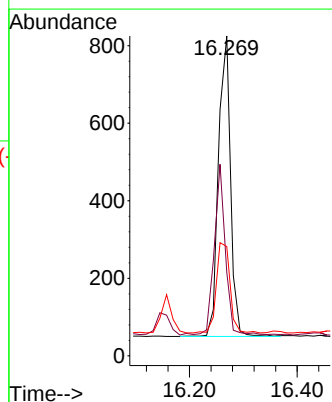
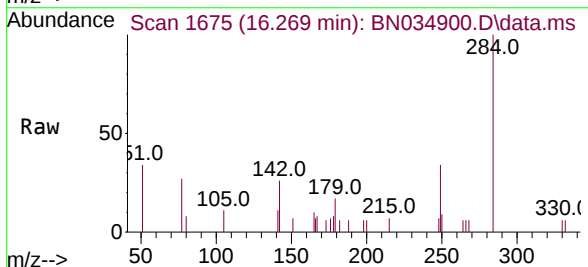
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

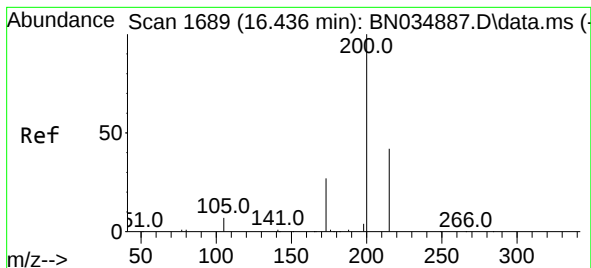
Tgt Ion:248 Resp: 915
Ion Ratio Lower Upper
248 100
250 100.4 82.2 123.4
141 70.3 36.2 54.2#



#22
Hexachlorobenzene
Concen: 0.084 ng
RT: 16.269 min Scan# 1675
Delta R.T. 0.007 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

Tgt Ion:284 Resp: 1209
Ion Ratio Lower Upper
284 100
142 51.0 43.4 65.2
249 33.8 25.8 38.6





#23

Atrazine

Concen: 0.112 ng

RT: 16.430 min Scan# 1

Delta R.T. -0.005 min

Lab File: BN034900.D

Acq: 08 Nov 2024 09:41

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2024

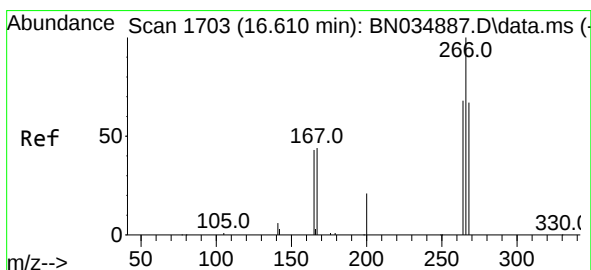
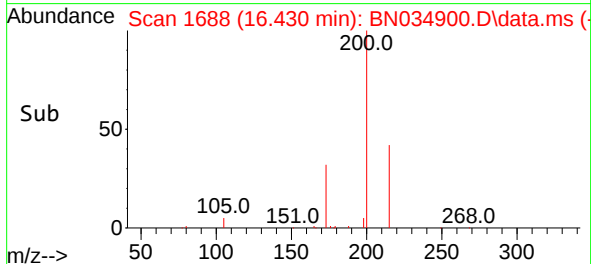
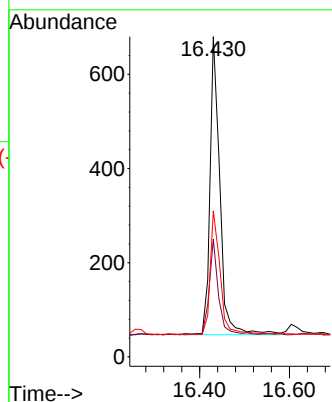
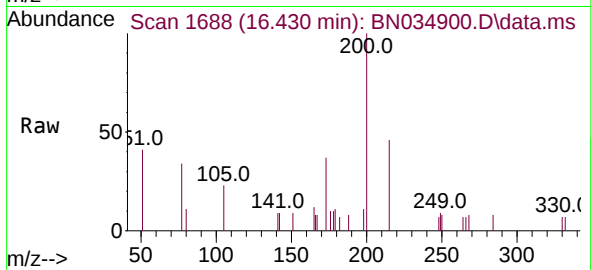
Tgt Ion:200 Resp: 963

Ion Ratio Lower Upper

200 100

173 36.8 23.4 35.2#

215 45.6 35.4 53.0



#24

Pentachlorophenol

Concen: 0.105 ng

RT: 16.604 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BN034900.D

Acq: 08 Nov 2024 09:41

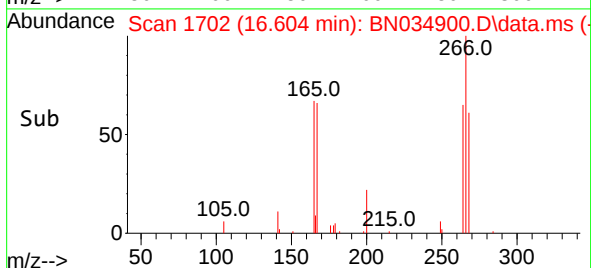
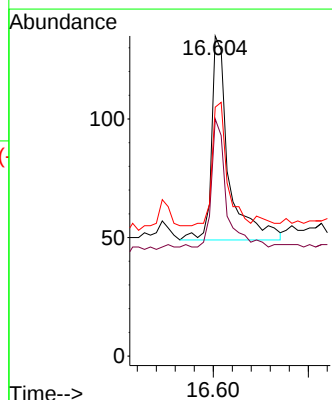
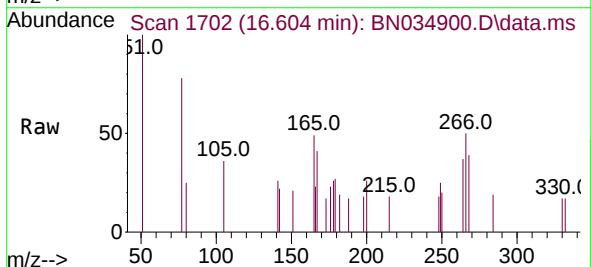
Tgt Ion:266 Resp: 216

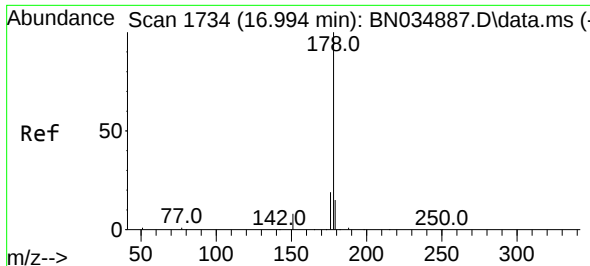
Ion Ratio Lower Upper

266 100

264 55.6 51.3 76.9

268 53.7 53.0 79.6

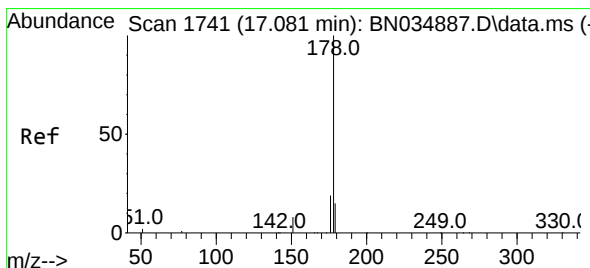
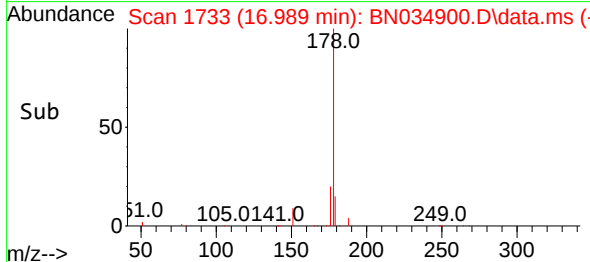
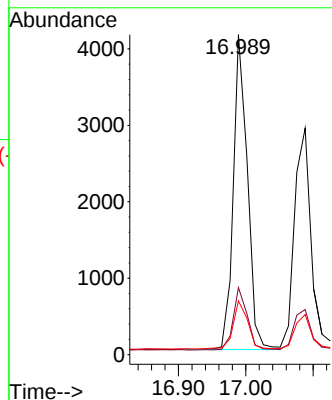
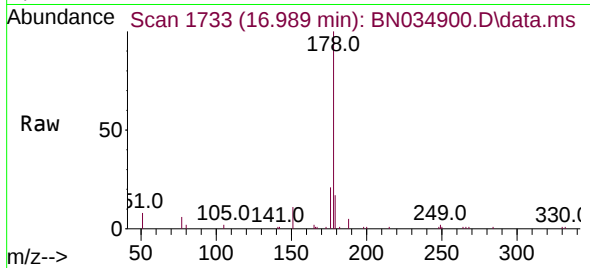




#25
Phenanthrene
Concen: 0.088 ng
RT: 16.989 min Scan# 1733
Delta R.T. -0.005 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

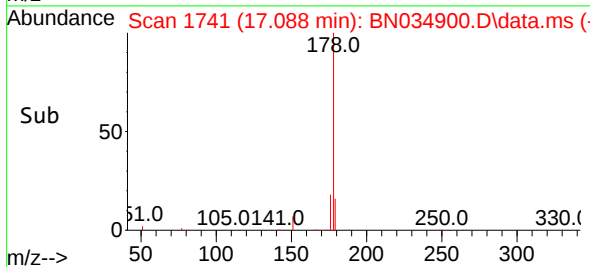
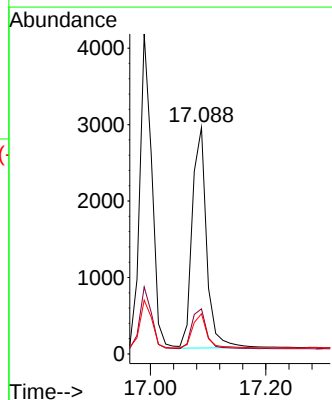
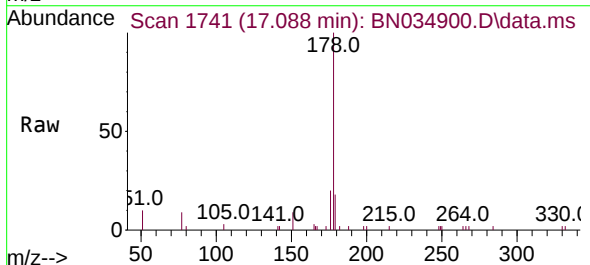
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

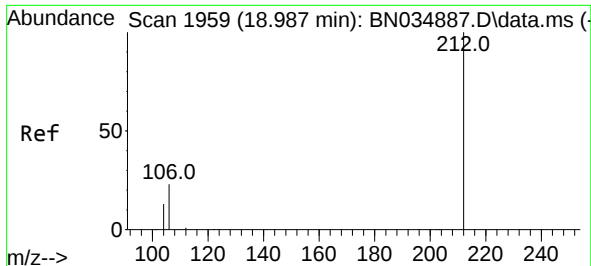
Tgt Ion:178 Resp: 6021
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 16.2 12.2 18.2



#26
Anthracene
Concen: 0.085 ng
RT: 17.088 min Scan# 1741
Delta R.T. 0.007 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

Tgt Ion:178 Resp: 4997
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.3 12.1 18.1

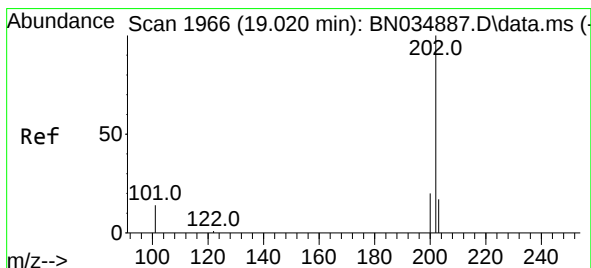
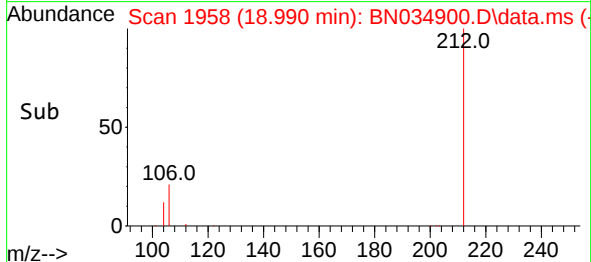
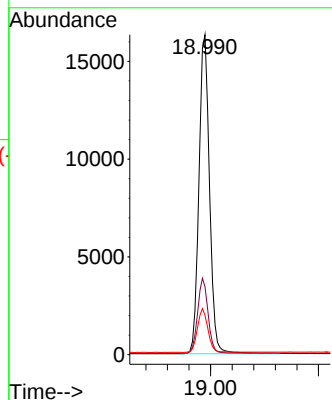
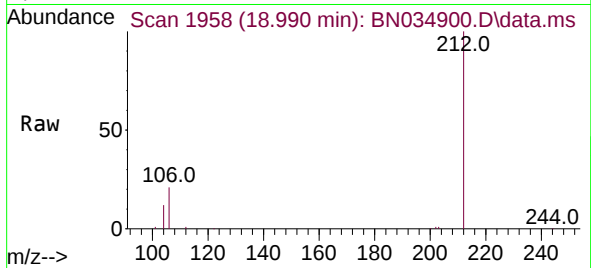




#27
Fluoranthene-d10
Concen: 0.440 ng
RT: 18.990 min Scan# 1958
Delta R.T. 0.002 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

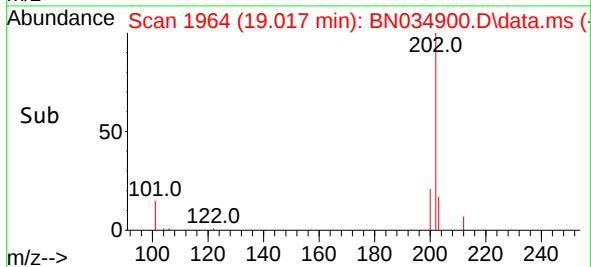
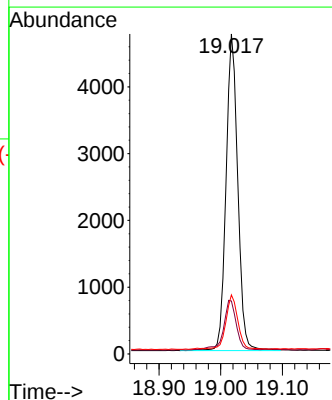
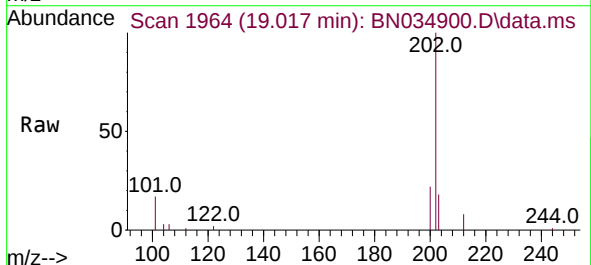
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

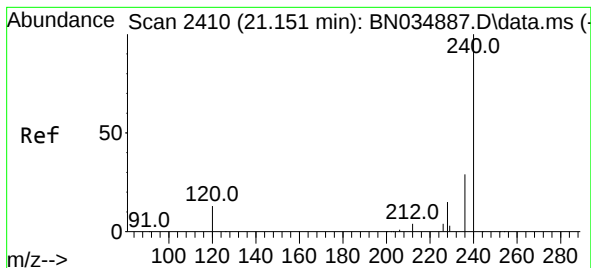
Tgt Ion	Ratio	Lower	Upper
212	100		
106	23.1	18.2	27.4
104	13.5	10.6	15.8



#28
Fluoranthene
Concen: 0.087 ng
RT: 19.017 min Scan# 1964
Delta R.T. -0.002 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.1	12.7	19.1
203	17.2	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: BN034900.D

Acq: 08 Nov 2024 09:41

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2024

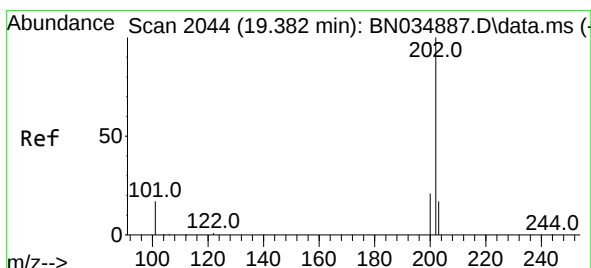
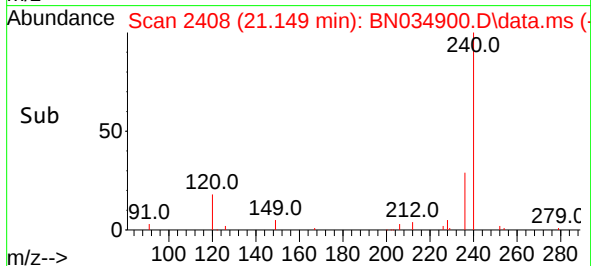
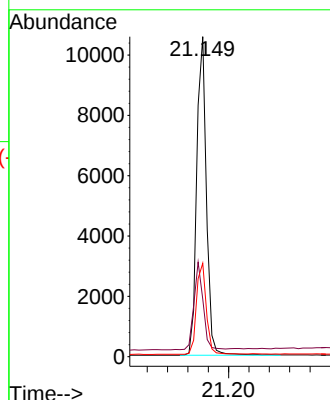
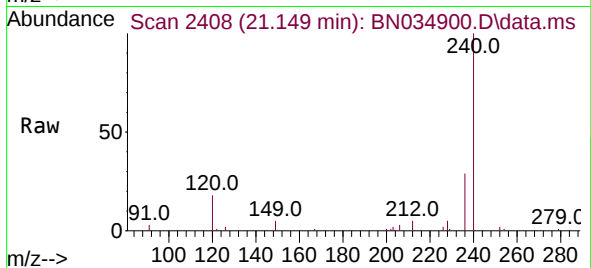
Tgt Ion:240 Resp: 13873

Ion Ratio Lower Upper

240 100

120 18.0 13.8 20.8

236 29.2 23.8 35.6



#30

Pyrene

Concen: 0.087 ng

RT: 19.380 min Scan# 2042

Delta R.T. -0.002 min

Lab File: BN034900.D

Acq: 08 Nov 2024 09:41

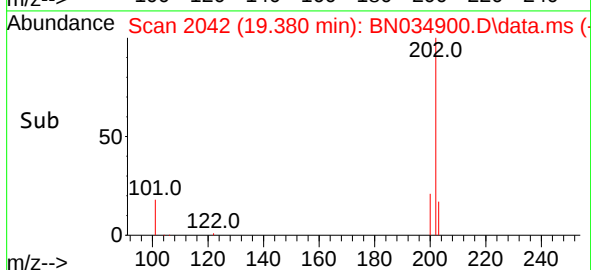
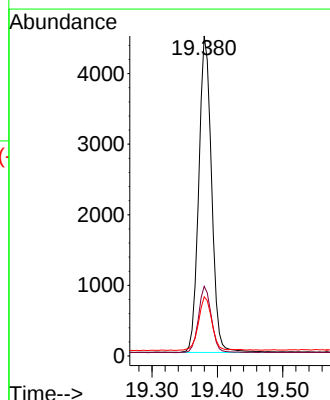
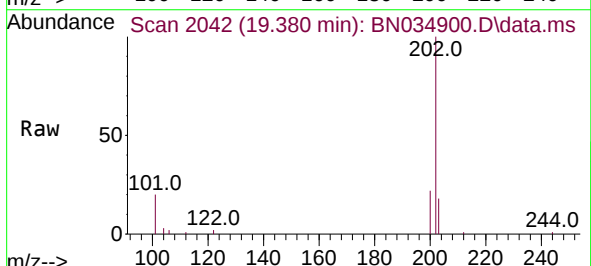
Tgt Ion:202 Resp: 6085

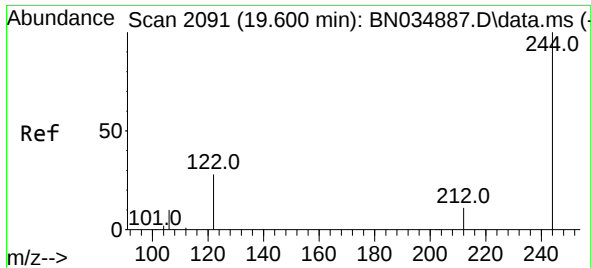
Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

203 17.3 14.1 21.1

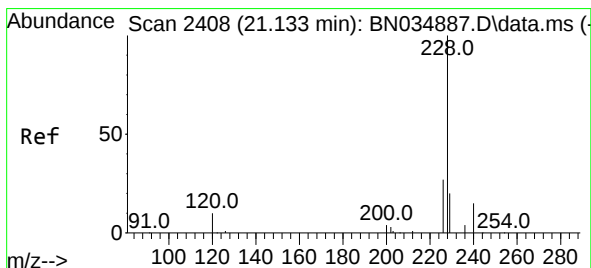
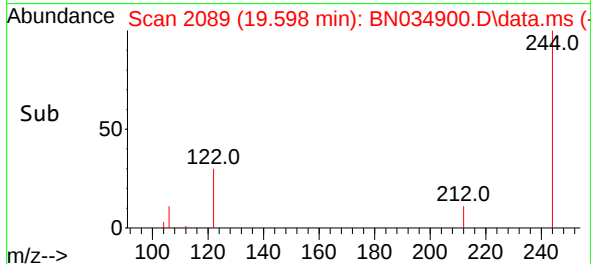
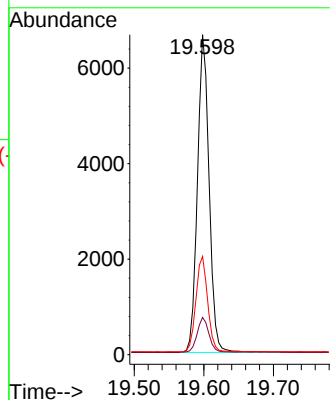
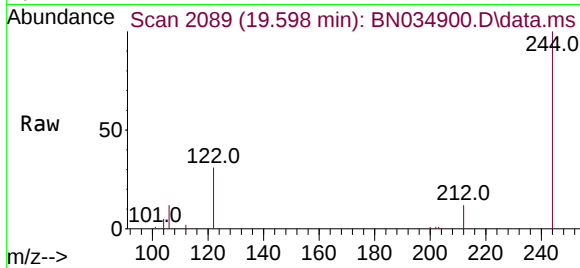




#31
Terphenyl-d14
Concen: 0.298 ng
RT: 19.598 min Scan# 2091
Delta R.T. -0.002 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

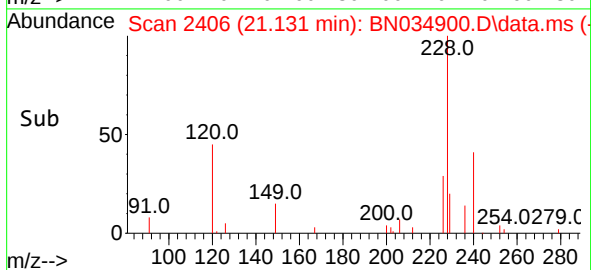
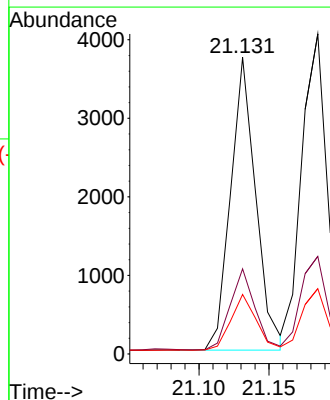
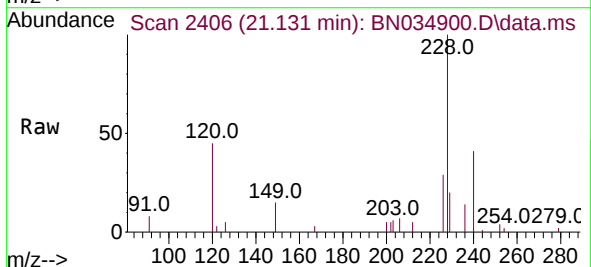
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

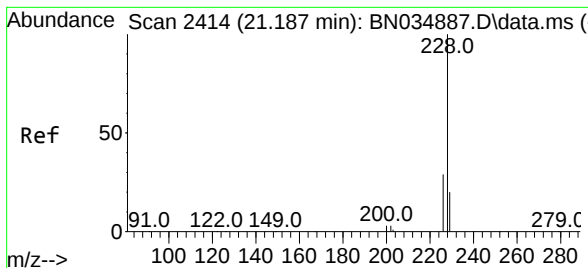
Tgt Ion:244 Resp: 7751
Ion Ratio Lower Upper
244 100
212 11.7 9.4 14.0
122 30.7 23.0 34.4



#32
Benzo(a)anthracene
Concen: 0.086 ng
RT: 21.131 min Scan# 2406
Delta R.T. -0.002 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

Tgt Ion:228 Resp: 4664
Ion Ratio Lower Upper
228 100
226 28.7 22.2 33.2
229 20.1 16.0 24.0





#33

Chrysene

Concen: 0.092 ng

RT: 21.185 min Scan# 2414

Delta R.T. -0.002 min

Lab File: BN034900.D

Acq: 08 Nov 2024 09:41

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2024

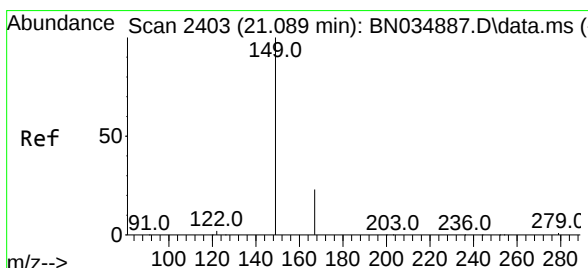
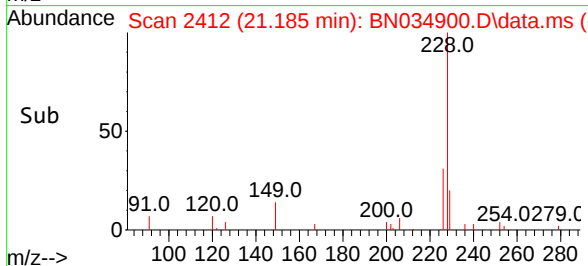
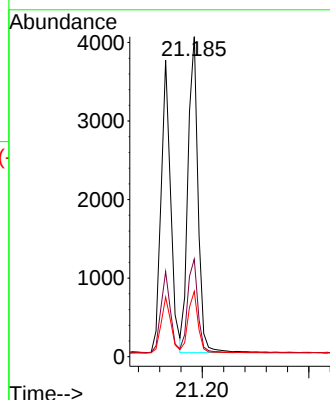
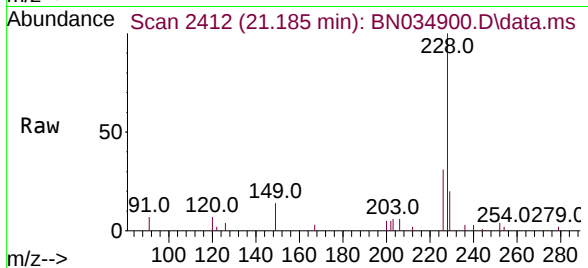
Tgt Ion:228 Resp: 5254

Ion Ratio Lower Upper

228 100

226 30.5 23.7 35.5

229 20.4 16.3 24.5



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.083 ng

RT: 21.086 min Scan# 2401

Delta R.T. -0.003 min

Lab File: BN034900.D

Acq: 08 Nov 2024 09:41

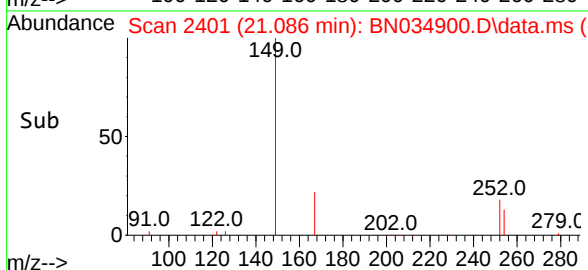
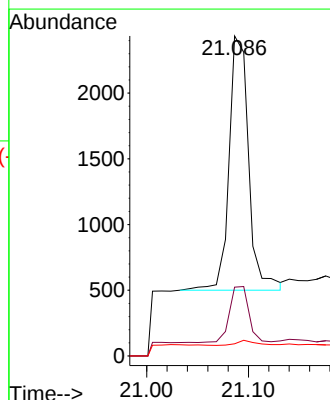
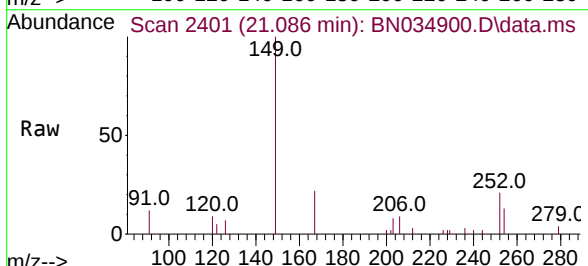
Tgt Ion:149 Resp: 2586

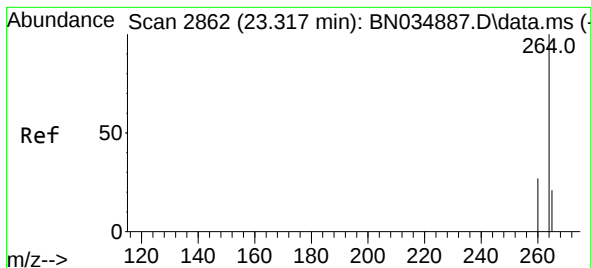
Ion Ratio Lower Upper

149 100

167 21.8 18.1 27.1

279 2.1 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: BN034900.D

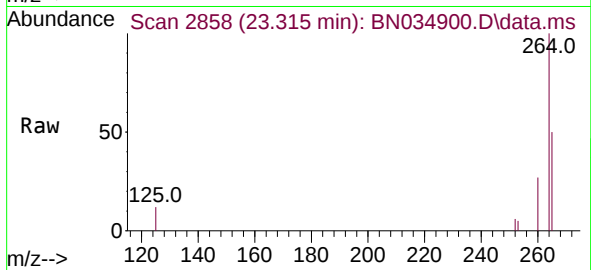
Acq: 08 Nov 2024 09:41

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2024



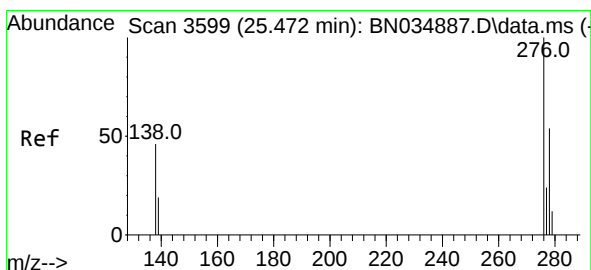
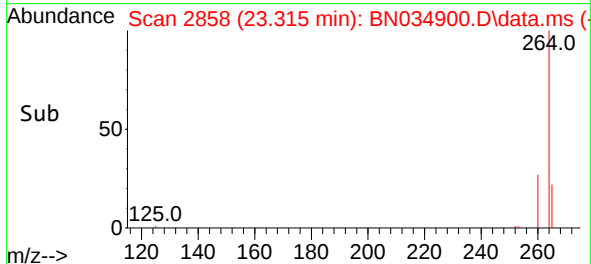
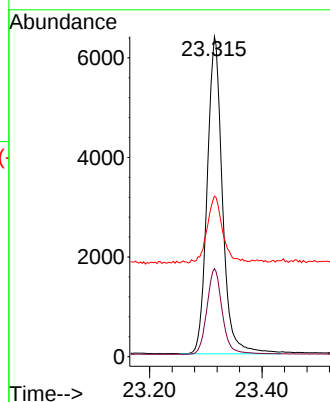
Tgt Ion:264 Resp: 11983

Ion Ratio Lower Upper

264 100

260 27.5 22.2 33.2

265 50.2 60.9 91.3#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.082 ng

RT: 25.470 min Scan# 3595

Delta R.T. -0.002 min

Lab File: BN034900.D

Acq: 08 Nov 2024 09:41

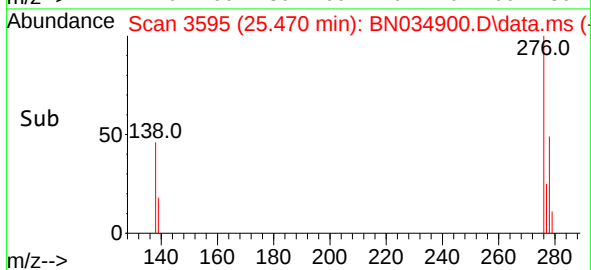
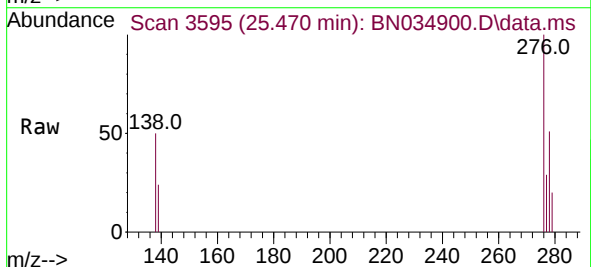
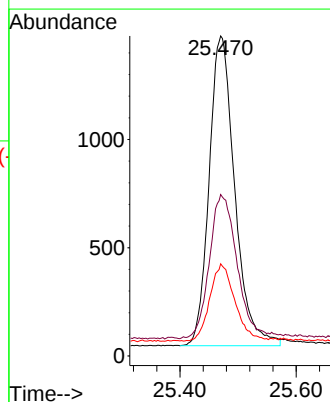
Tgt Ion:276 Resp: 4376

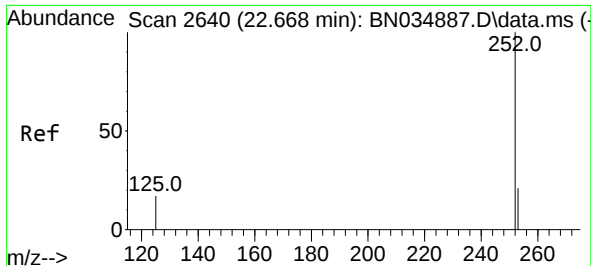
Ion Ratio Lower Upper

276 100

138 48.8 38.4 57.6

277 24.4 19.4 29.2

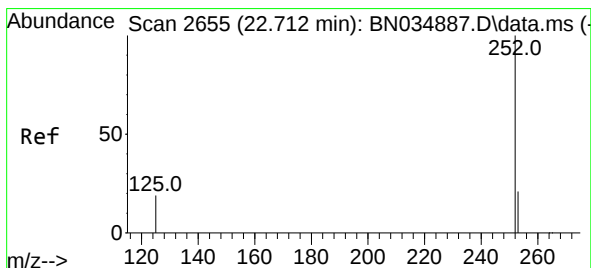
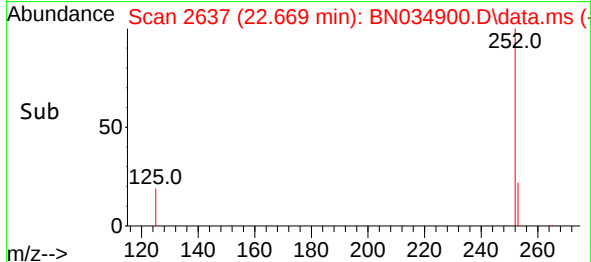
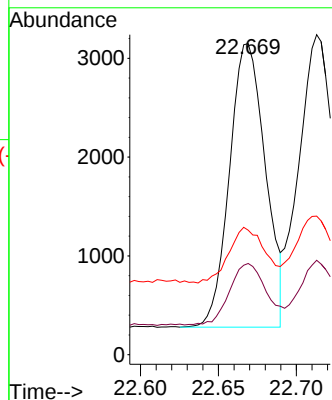
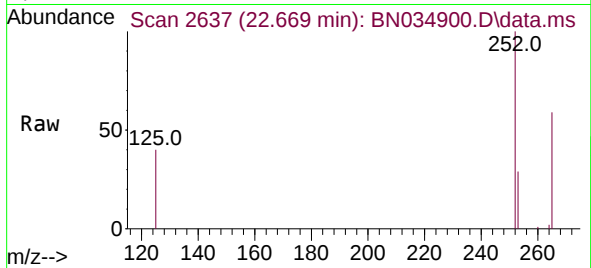




#37
Benzo(b)fluoranthene
Concen: 0.087 ng
RT: 22.669 min Scan# 2637
Delta R.T. 0.001 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

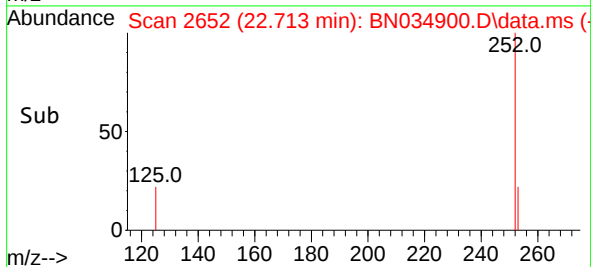
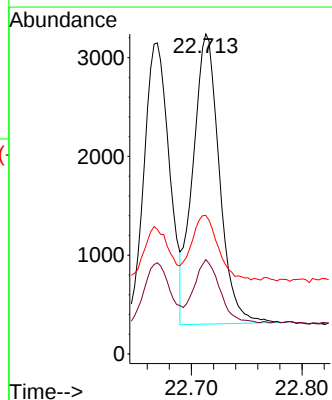
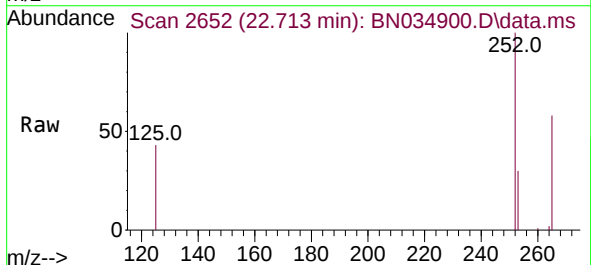
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2024

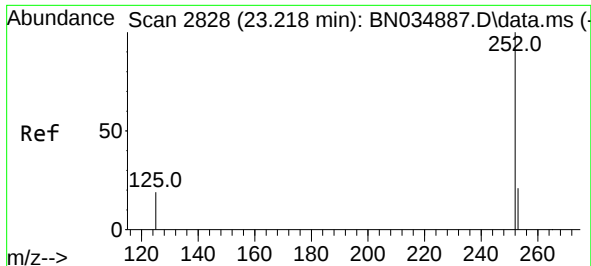
Tgt Ion:252 Resp: 4606
Ion Ratio Lower Upper
252 100
253 29.3 19.4 29.2#
125 40.0 21.4 32.2#



#38
Benzo(k)fluoranthene
Concen: 0.089 ng
RT: 22.713 min Scan# 2652
Delta R.T. 0.001 min
Lab File: BN034900.D
Acq: 08 Nov 2024 09:41

Tgt Ion:252 Resp: 4878
Ion Ratio Lower Upper
252 100
253 29.5 19.8 29.8
125 43.3 22.6 33.8#





#39

Benzo(a)pyrene

Concen: 0.082 ng

RT: 23.222 min Scan# 21

Delta R.T. 0.004 min

Lab File: BN034900.D

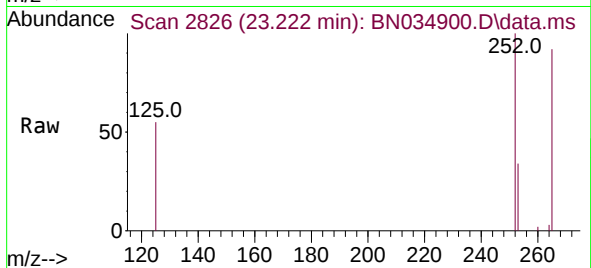
Acq: 08 Nov 2024 09:41

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2024



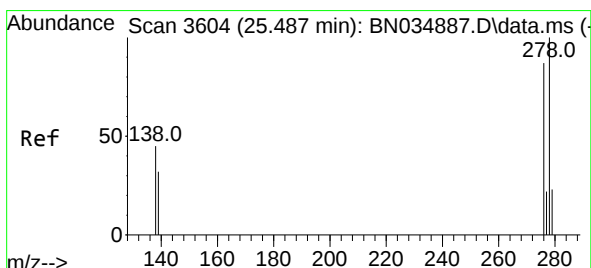
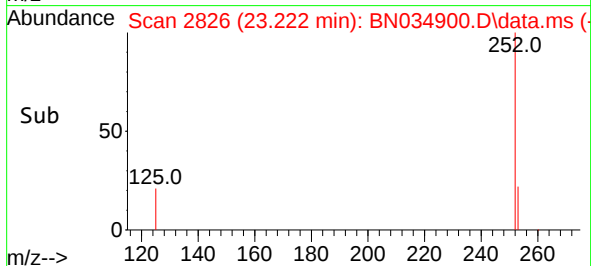
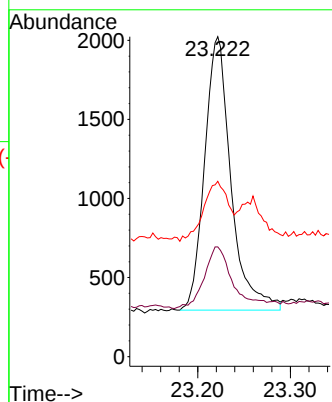
Tgt Ion:252 Resp: 3422

Ion Ratio Lower Upper

252 100

253 34.3 21.4 32.2#

125 54.8 27.8 41.6#



#40

Dibenzo(a,h)anthracene

Concen: 0.080 ng

RT: 25.490 min Scan# 3602

Delta R.T. 0.004 min

Lab File: BN034900.D

Acq: 08 Nov 2024 09:41

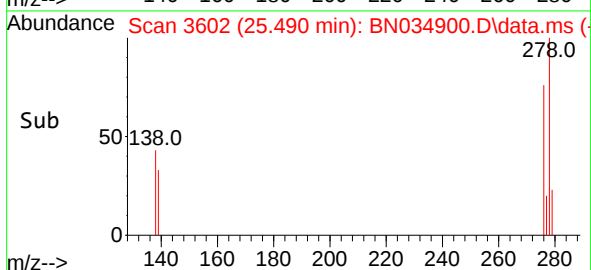
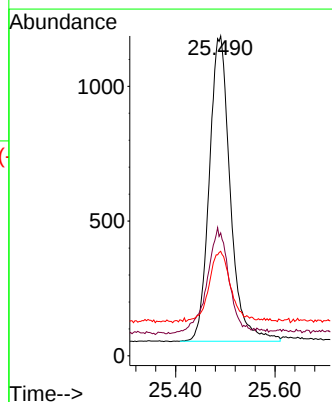
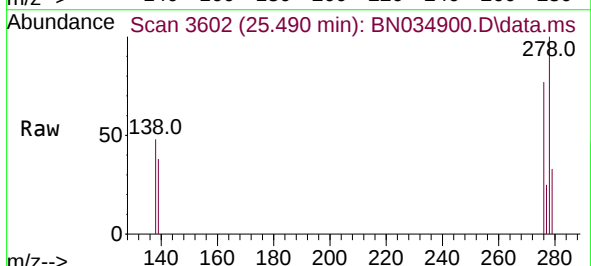
Tgt Ion:278 Resp: 3314

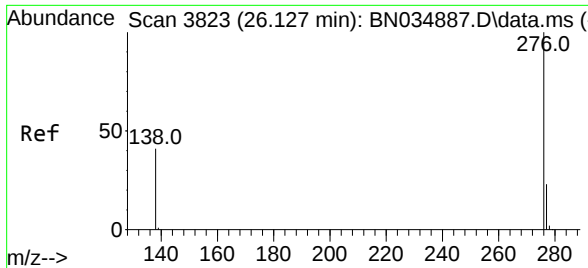
Ion Ratio Lower Upper

278 100

139 38.4 27.2 40.8

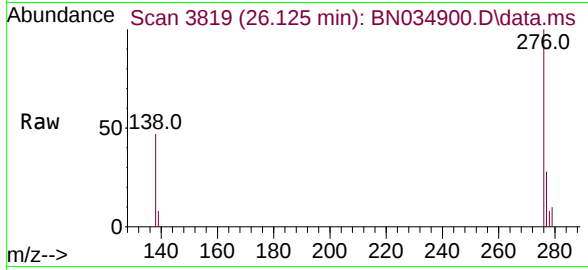
279 32.7 21.4 32.0#





#41
 Benzo(g,h,i)perylene
 Concen: 0.083 ng
 RT: 26.125 min Scan# 3819
 Delta R.T. -0.002 min
 Lab File: BN034900.D
 Acq: 08 Nov 2024 09:41

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



Tgt Ion:276 Resp: 3656
 Ion Ratio Lower Upper
 276 100
 277 28.4 20.2 30.2
 138 47.1 33.9 50.9

