

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110624\
 Data File : BN034871.D
 Acq On : 06 Nov 2024 12:30
 Operator : RC/JU
 Sample : P4368-01
 Misc : LOD-MDL-SOIL-0.1 ng
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Quant Time: Nov 06 13:10:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 00:03:28 2024
 Response via : Initial Calibration

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

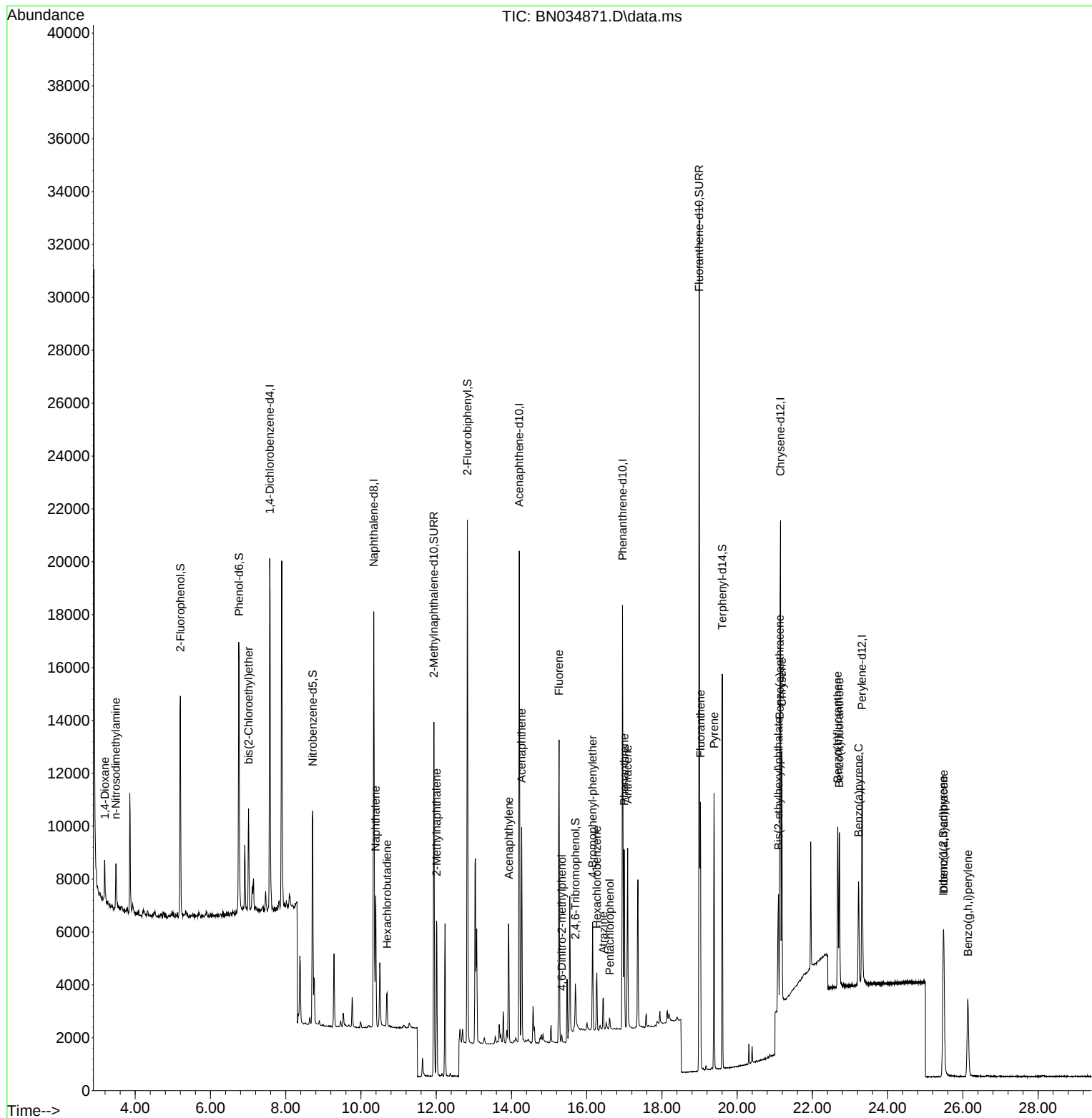
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	6262	0.400	ng	-0.01
7) Naphthalene-d8	10.340	136	19178	0.400	ng	-0.01
13) Acenaphthene-d10	14.208	164	9775	0.400	ng	-0.01
19) Phenanthrene-d10	16.952	188	19406	0.400	ng	#-0.02
29) Chrysene-d12	21.149	240	12823	0.400	ng	#-0.01
35) Perylene-d12	23.318	264	11237	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.199	112	6733	0.355	ng	-0.01
5) Phenol-d6	6.759	99	9267	0.376	ng	0.00
8) Nitrobenzene-d5	8.717	82	6547	0.434	ng	-0.01
11) 2-Methylnaphthalene-d10	11.939	152	17865	0.644	ng	-0.01
14) 2,4,6-Tribromophenol	15.698	330	1174	0.243	ng	-0.02
15) 2-Fluorobiphenyl	12.829	172	16284	0.423	ng	-0.01
27) Fluoranthene-d10	18.990	212	31661	0.696	ng	-0.01
31) Terphenyl-d14	19.603	244	11558	0.420	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.191	88	1147	0.167	ng	96
3) n-Nitrosodimethylamine	3.487	42	1213	0.157	ng	# 89
6) bis(2-Chloroethyl)ether	7.012	93	2541	0.141	ng	96
9) Naphthalene	10.394	128	6553	0.124	ng	99
10) Hexachlorobutadiene	10.693	225	1000	0.114	ng	# 100
12) 2-Methylnaphthalene	12.011	142	4177	0.120	ng	97
16) Acenaphthylene	13.930	152	5577	0.114	ng	99
17) Acenaphthene	14.272	154	3792	0.116	ng	97
18) Fluorene	15.266	166	4784	0.117	ng	99
20) 4,6-Dinitro-2-methylph...	15.341	198	189	0.231	ng	# 1
21) 4-Bromophenyl-phenylether	16.157	248	1353	0.120	ng	# 83
22) Hexachlorobenzene	16.269	284	1585	0.126	ng	94
23) Atrazine	16.443	200	1102	0.114	ng	93
24) Pentachlorophenol	16.617	266	247	0.046	ng	94
25) Phenanthrene	17.001	178	8022	0.141	ng	99
26) Anthracene	17.088	178	7008	0.131	ng	100
28) Fluoranthene	19.022	202	8747	0.139	ng	97
30) Pyrene	19.384	202	8543	0.127	ng	100
32) Benzo(a)anthracene	21.131	228	6798	0.133	ng	99
33) Chrysene	21.185	228	7379	0.148	ng	99
34) Bis(2-ethylhexyl)phtha...	21.095	149	3844	0.090	ng	94
36) Indeno(1,2,3-cd)pyrene	25.476	276	6207	0.150	ng	95
37) Benzo(b)fluoranthene	22.672	252	6845	0.151	ng	# 85
38) Benzo(k)fluoranthene	22.716	252	6618	0.150	ng	# 84
39) Benzo(a)pyrene	23.225	252	5277	0.141	ng	# 77
40) Dibenzo(a,h)anthracene	25.491	278	4690	0.145	ng	93
41) Benzo(g,h,i)perylene	26.134	276	5299	0.152	ng	92

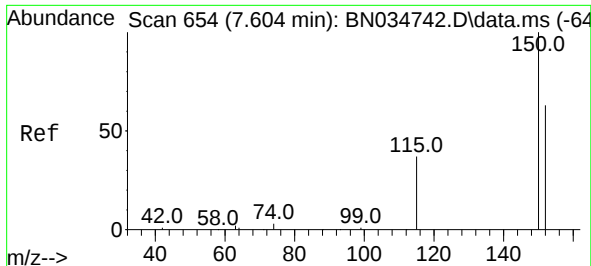
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110624\
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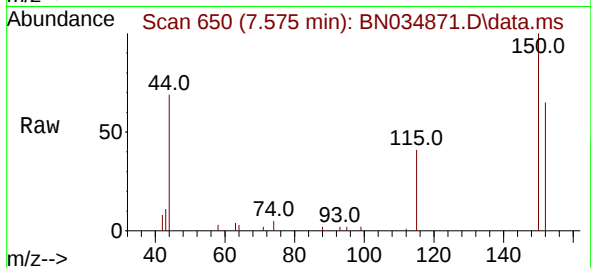
Quant Time: Nov 06 13:10:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
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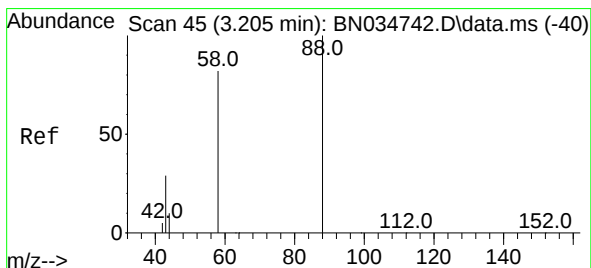
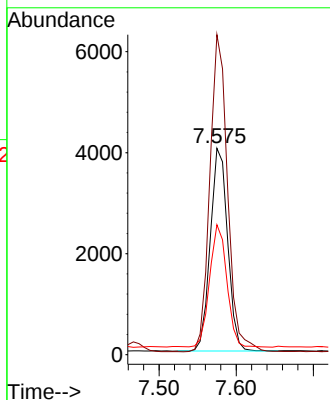
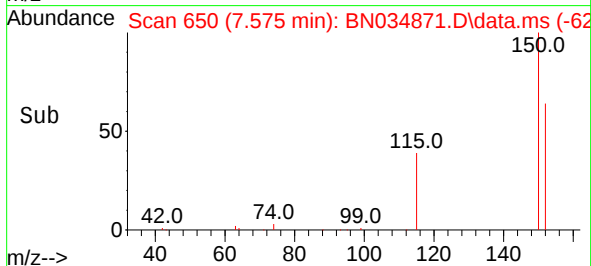


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.575 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

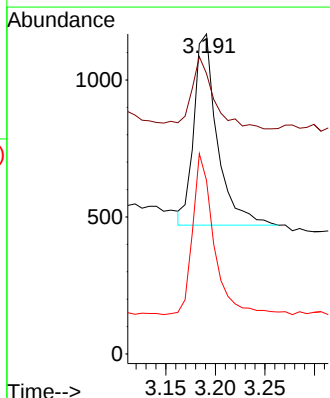
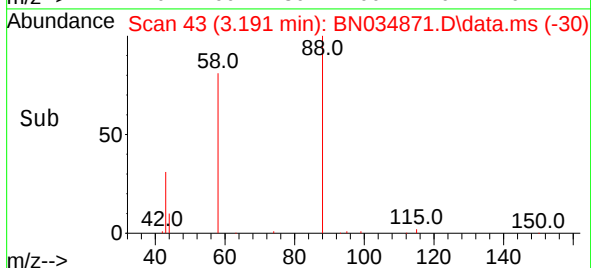
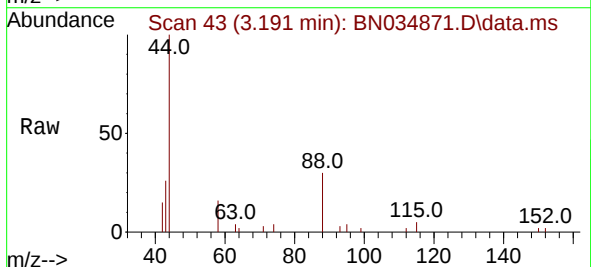


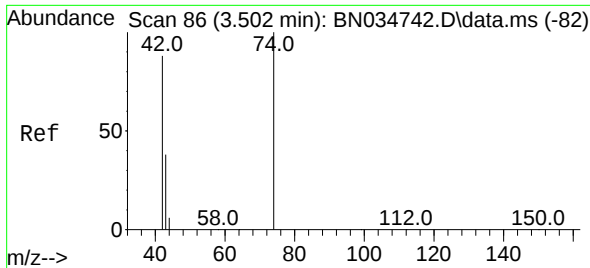
Tgt Ion:152 Resp: 6262
Ion Ratio Lower Upper
152 100
150 155.0 124.9 187.3
115 62.9 50.2 75.2



#2
1,4-Dioxane
Concen: 0.167 ng
RT: 3.191 min Scan# 43
Delta R.T. -0.007 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

Tgt Ion: 88 Resp: 1147
Ion Ratio Lower Upper
88 100
43 36.7 26.7 40.1
58 76.3 59.3 88.9





#3

n-Nitrosodimethylamine

Concen: 0.157 ng

RT: 3.487 min Scan# 84

Delta R.T. -0.007 min

Lab File: BN034871.D

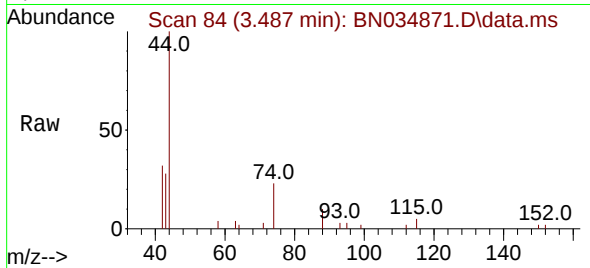
Acq: 06 Nov 2024 12:30

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024



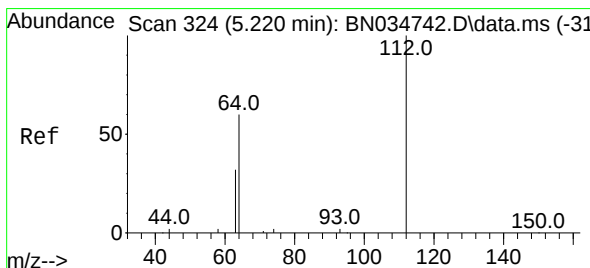
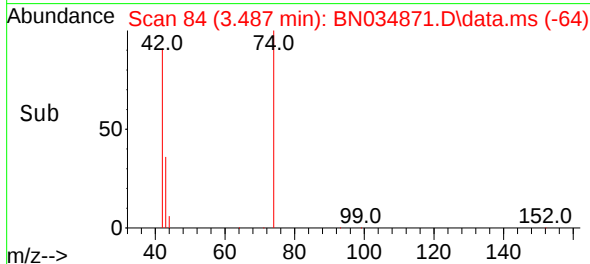
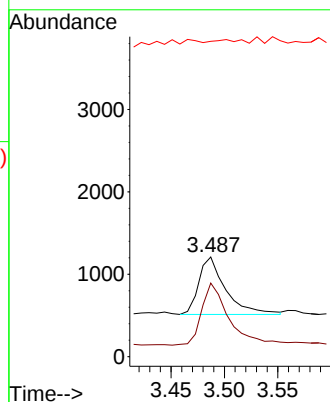
Tgt Ion: 42 Resp: 1213

Ion Ratio Lower Upper

42 100

74 116.6 103.1 154.7

44 4.5 6.7 10.1#



#4

2-Fluorophenol

Concen: 0.355 ng

RT: 5.199 min Scan# 321

Delta R.T. -0.014 min

Lab File: BN034871.D

Acq: 06 Nov 2024 12:30

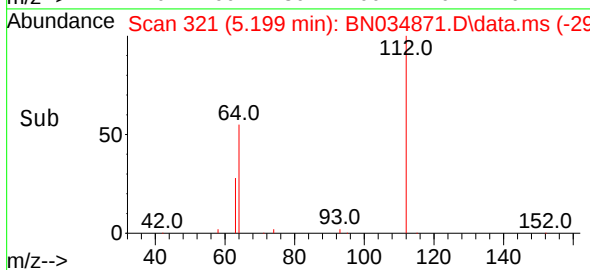
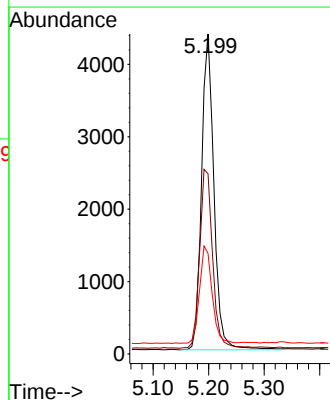
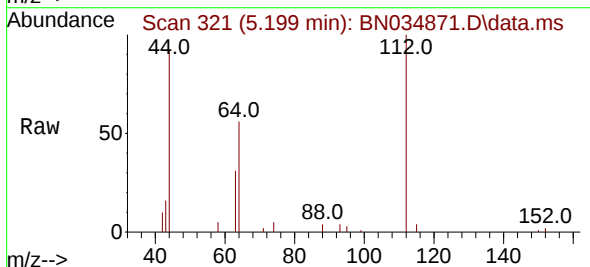
Tgt Ion: 112 Resp: 6733

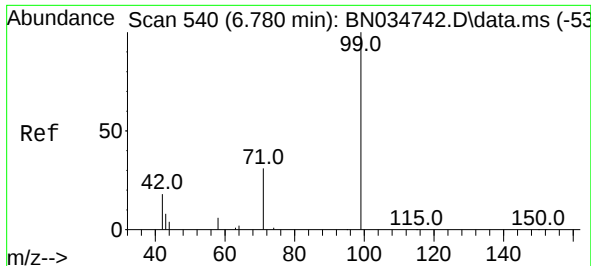
Ion Ratio Lower Upper

112 100

64 59.4 44.9 67.3

63 31.1 23.5 35.3





#5

Phenol-d6

Concen: 0.376 ng

RT: 6.759 min Scan# 51

Delta R.T. -0.007 min

Lab File: BN034871.D

Acq: 06 Nov 2024 12:30

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

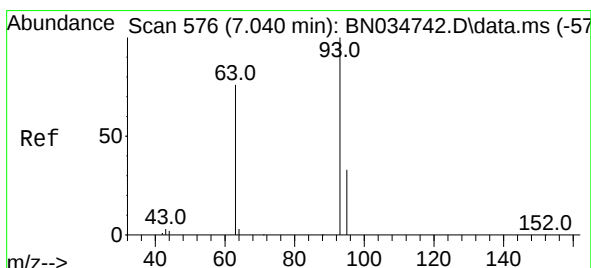
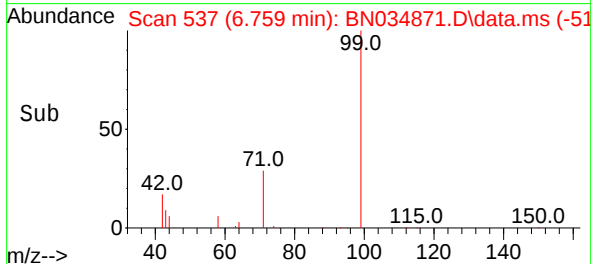
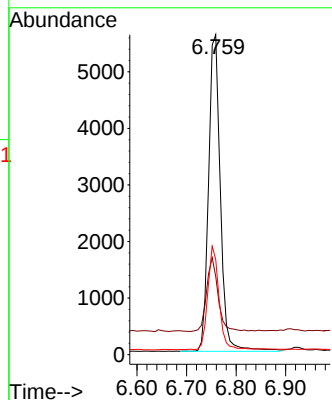
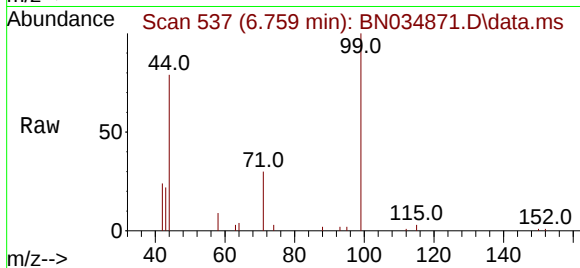
Tgt Ion: 99 Resp: 9267

Ion Ratio Lower Upper

99 100

42 22.7 15.9 23.9

71 31.3 24.3 36.5



#6

bis(2-Chloroethyl)ether

Concen: 0.141 ng

RT: 7.012 min Scan# 572

Delta R.T. -0.014 min

Lab File: BN034871.D

Acq: 06 Nov 2024 12:30

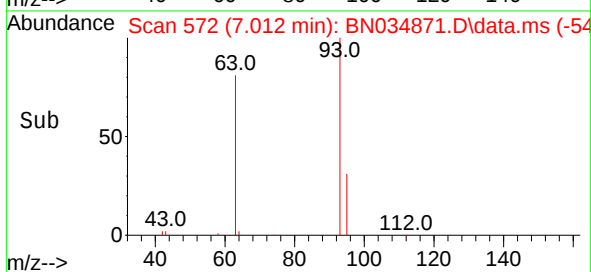
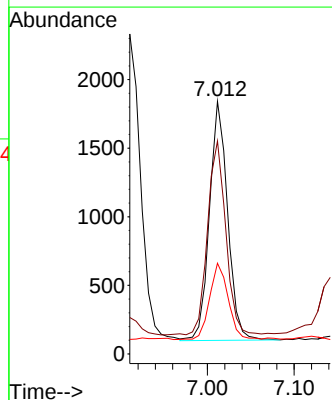
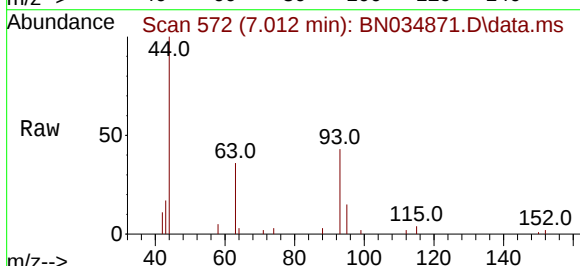
Tgt Ion: 93 Resp: 2541

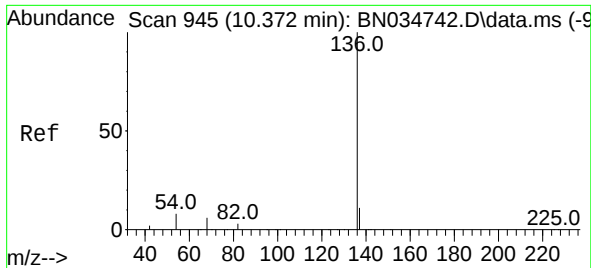
Ion Ratio Lower Upper

93 100

63 81.7 61.2 91.8

95 32.4 25.8 38.8

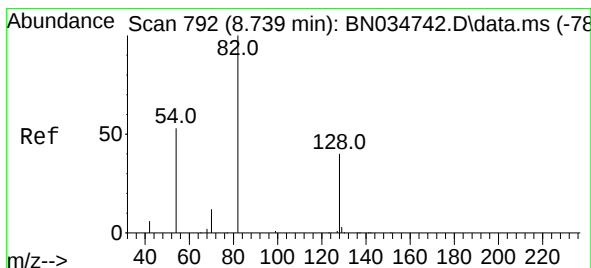
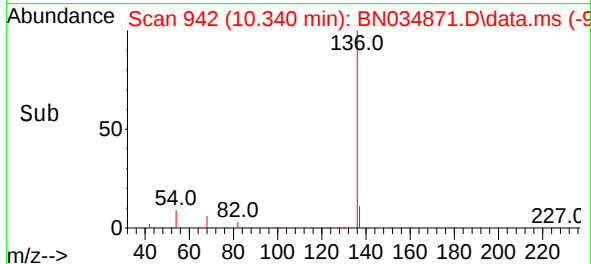
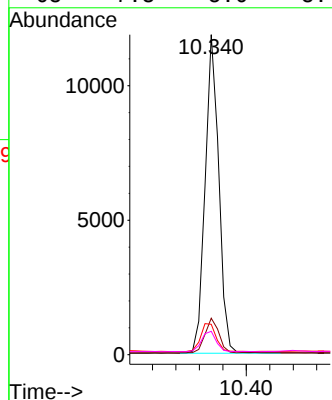
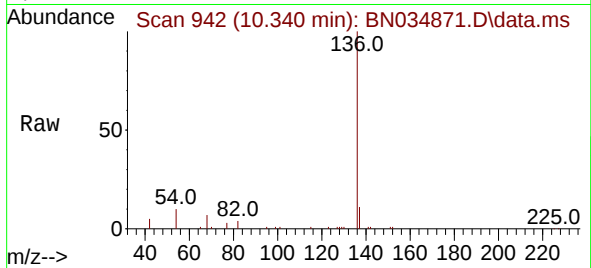




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 945
Delta R.T. -0.011 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

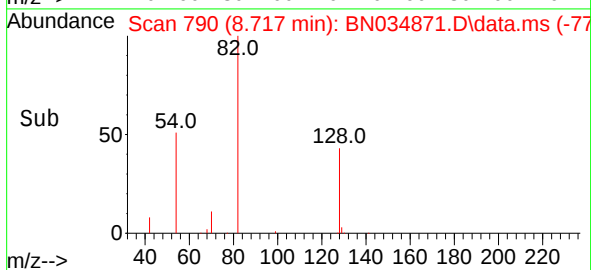
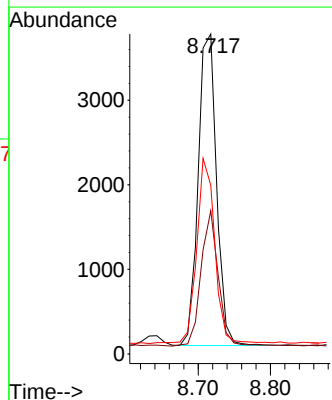
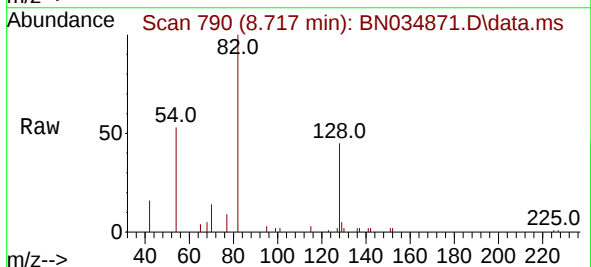
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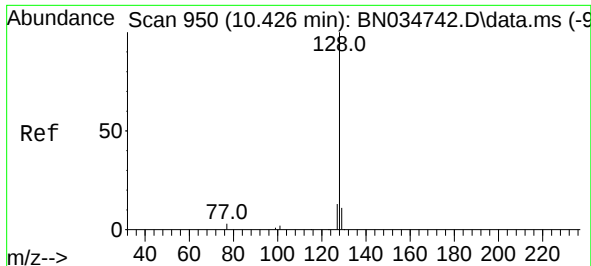
Tgt Ion:	136	Resp:	19178
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.2	13.8
54	9.5	7.0	10.4
68	7.3	5.6	8.4



#8
Nitrobenzene-d5
Concen: 0.434 ng
RT: 8.717 min Scan# 790
Delta R.T. -0.011 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

Tgt Ion:	82	Resp:	6547
Ion Ratio	Lower	Upper	
82	100		
128	44.7	33.7	50.5
54	52.7	44.4	66.6

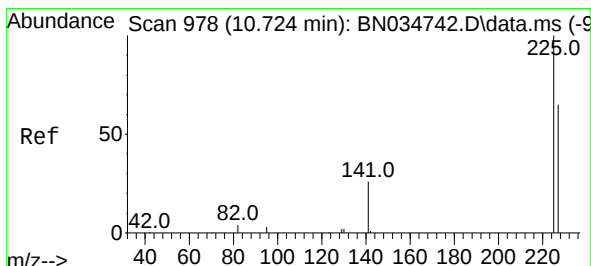
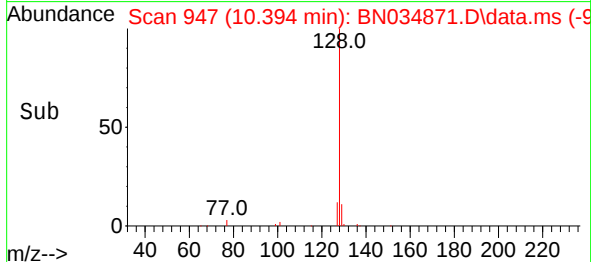
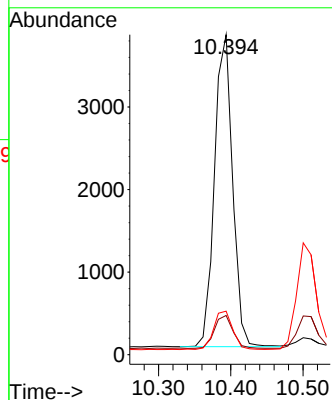
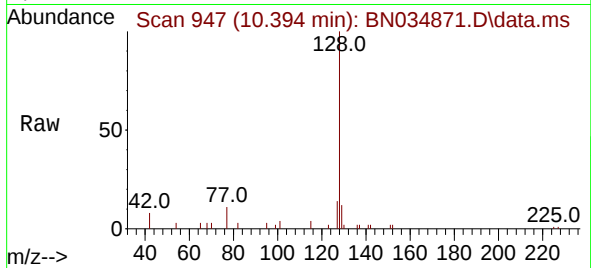




#9
Naphthalene
Concen: 0.124 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

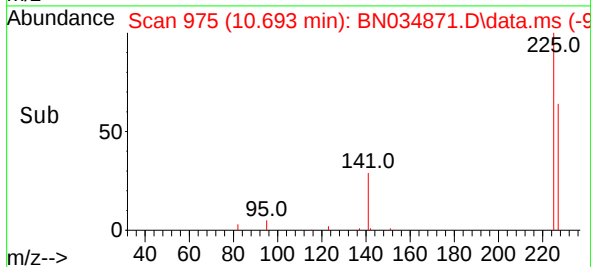
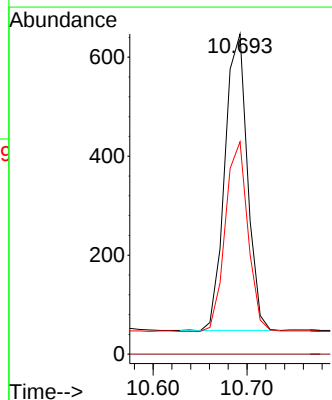
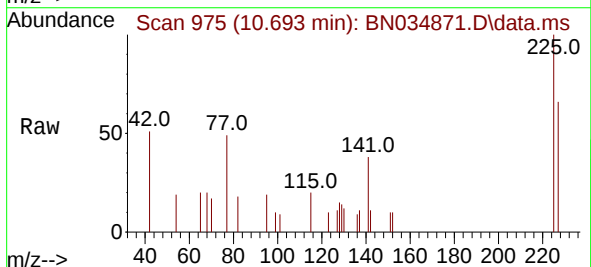
Instrument :
BNA_N
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LOD-MDL-SOIL-01-QT4-2024

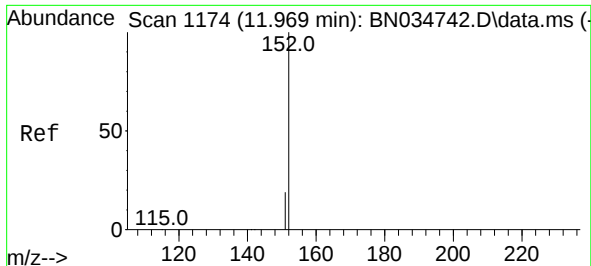
Tgt Ion:128 Resp: 6553
Ion Ratio Lower Upper
128 100
129 12.3 9.4 14.0
127 13.6 10.6 15.8



#10
Hexachlorobutadiene
Concen: 0.114 ng
RT: 10.693 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

Tgt Ion:225 Resp: 1000
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.3 51.4 77.2





#11

2-Methylnaphthalene-d10

Concen: 0.644 ng

RT: 11.939 min Scan# 1185

Delta R.T. -0.011 min

Lab File: BN034871.D

Acq: 06 Nov 2024 12:30

Instrument :

BNA_N

ClientSampleId :

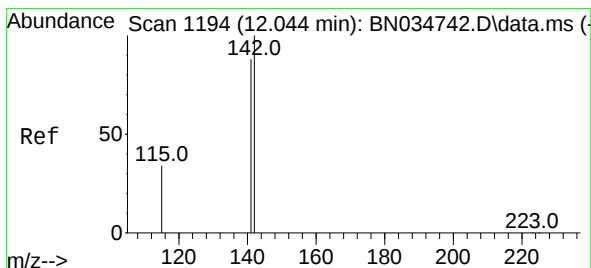
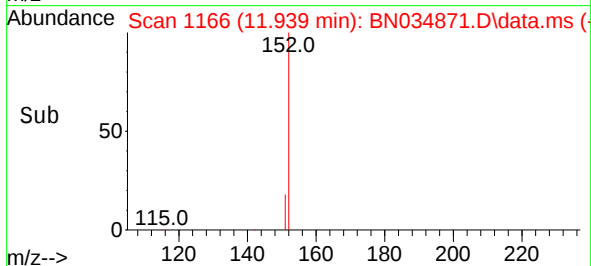
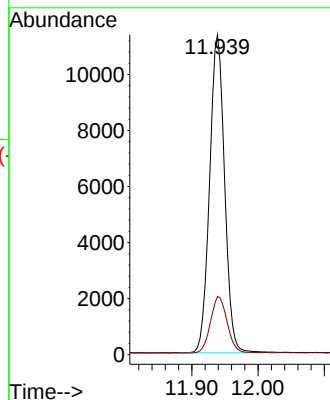
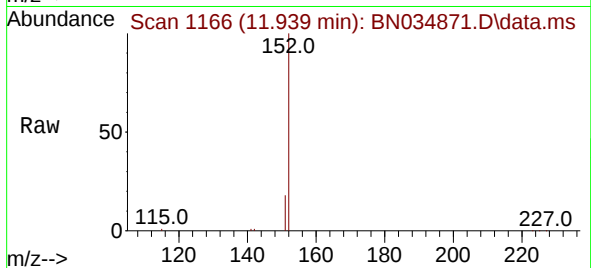
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:152 Resp: 17865

Ion Ratio Lower Upper

152 100

151 19.6 16.6 24.8



#12

2-Methylnaphthalene

Concen: 0.120 ng

RT: 12.011 min Scan# 1185

Delta R.T. -0.015 min

Lab File: BN034871.D

Acq: 06 Nov 2024 12:30

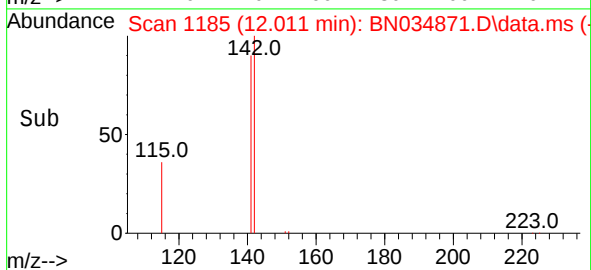
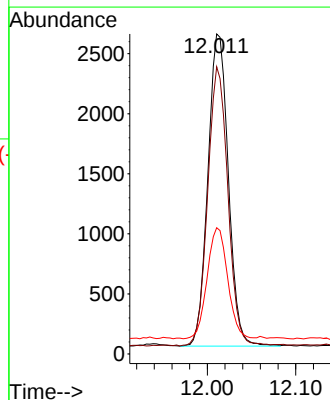
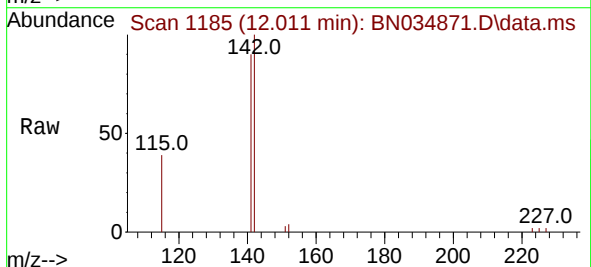
Tgt Ion:142 Resp: 4177

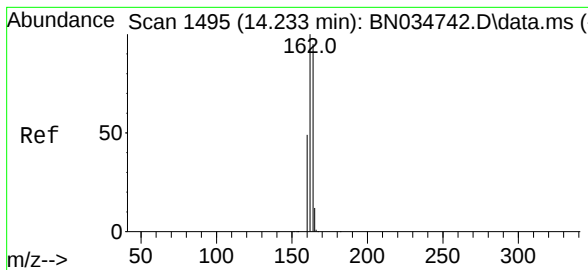
Ion Ratio Lower Upper

142 100

141 89.8 70.6 106.0

115 39.5 28.6 42.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.208 min Scan# 1492

Delta R.T. -0.014 min

Lab File: BN034871.D

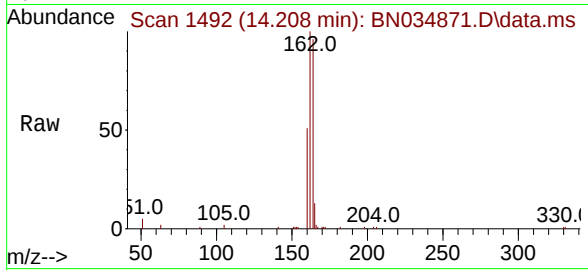
Acq: 06 Nov 2024 12:30

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024



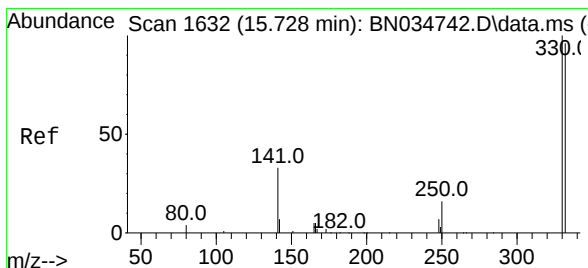
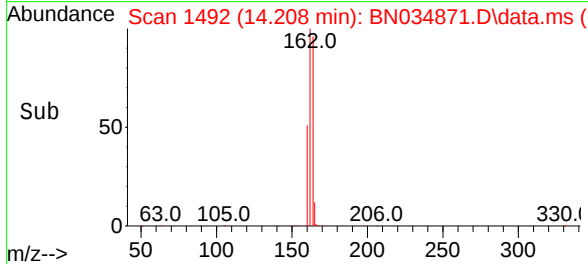
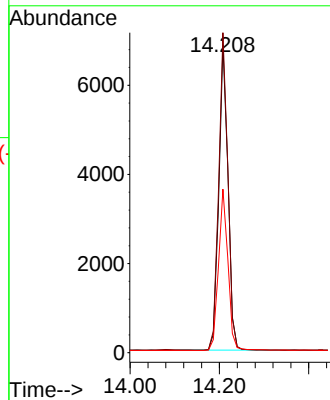
Tgt Ion:164 Resp: 9775

Ion Ratio Lower Upper

164 100

162 104.0 84.3 126.5

160 53.1 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.243 ng

RT: 15.698 min Scan# 1629

Delta R.T. -0.018 min

Lab File: BN034871.D

Acq: 06 Nov 2024 12:30

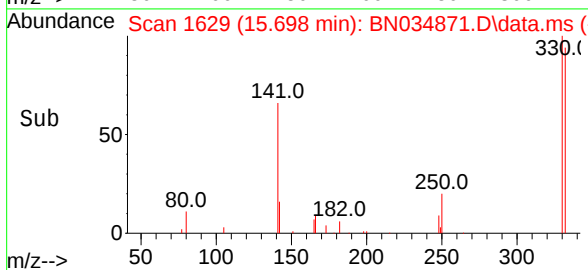
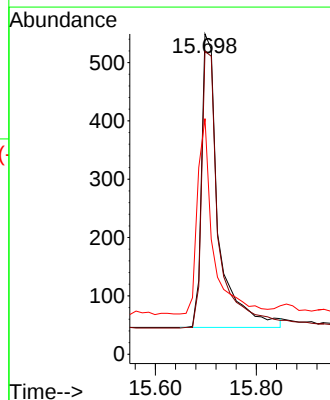
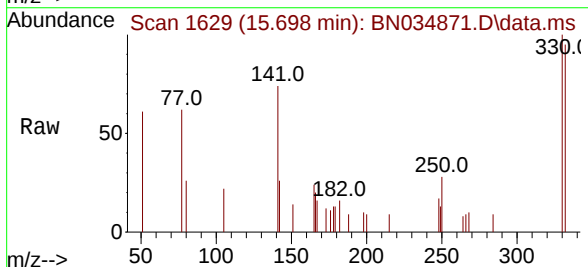
Tgt Ion:330 Resp: 1174

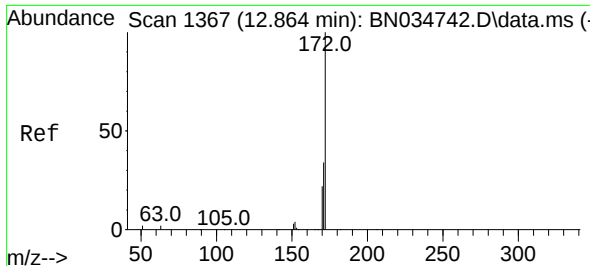
Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.6

141 61.8 41.0 61.4#

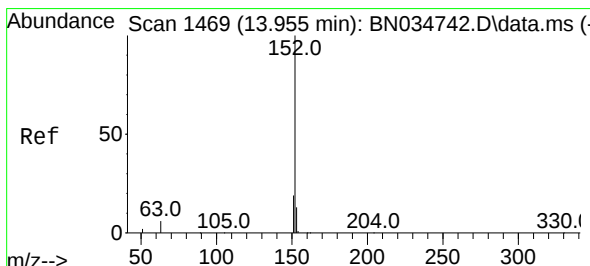
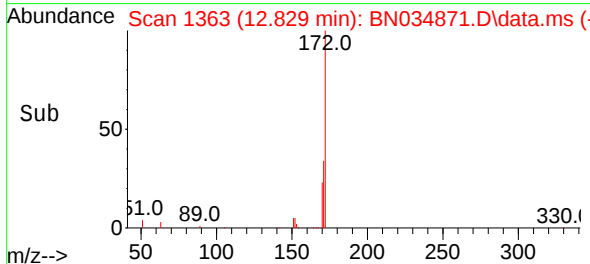
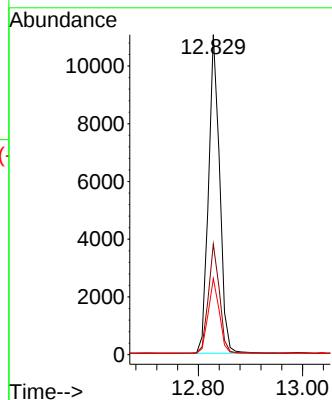
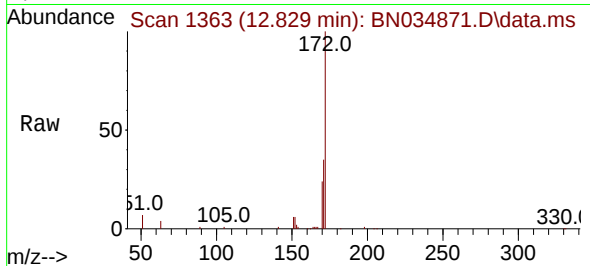




#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 12.829 min Scan# 1465
Delta R.T. -0.014 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

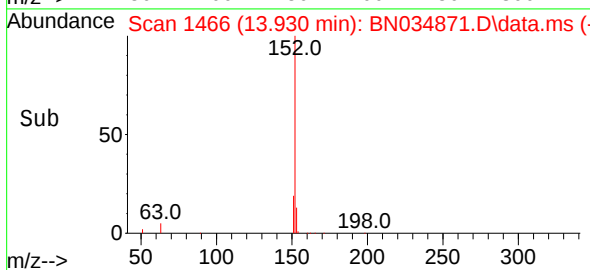
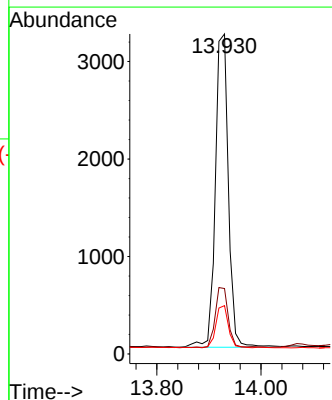
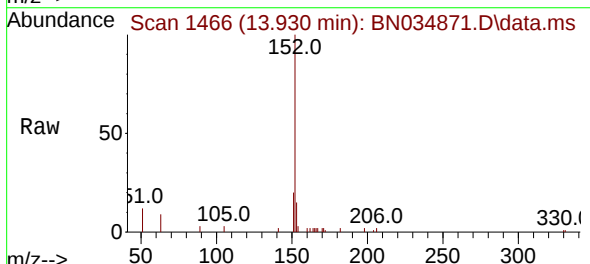
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

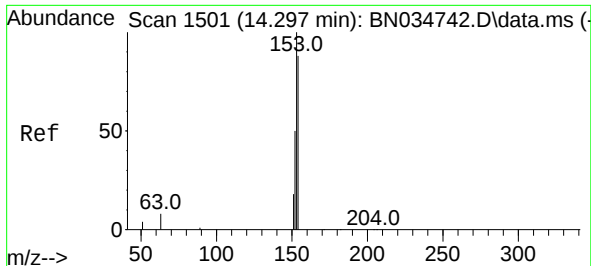
Tgt Ion:172 Resp: 16284
Ion Ratio Lower Upper
172 100
171 34.5 27.2 40.8
170 23.8 18.0 27.0



#16
Acenaphthylene
Concen: 0.114 ng
RT: 13.930 min Scan# 1466
Delta R.T. -0.004 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

Tgt Ion:152 Resp: 5577
Ion Ratio Lower Upper
152 100
151 18.9 15.4 23.2
153 12.9 10.2 15.4

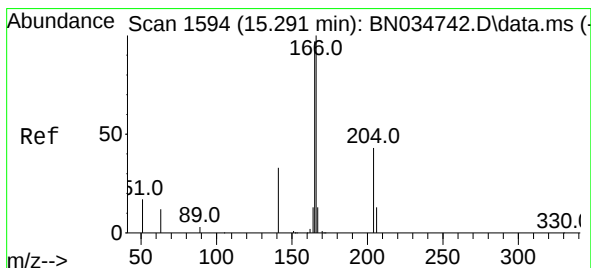
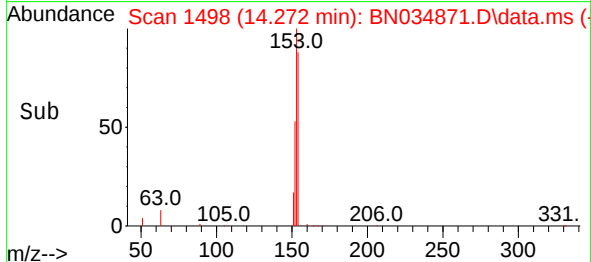
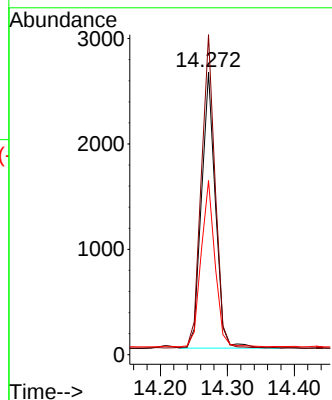
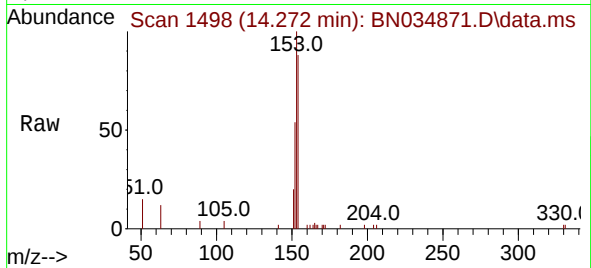




#17
Acenaphthene
Concen: 0.116 ng
RT: 14.272 min Scan# 1498
Delta R.T. -0.014 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

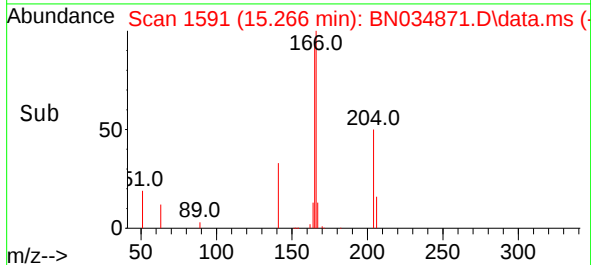
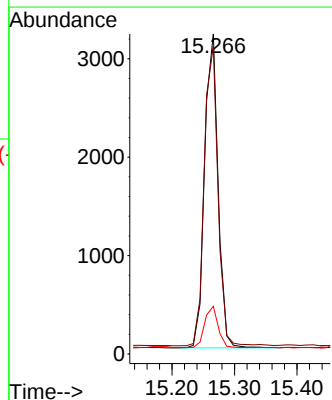
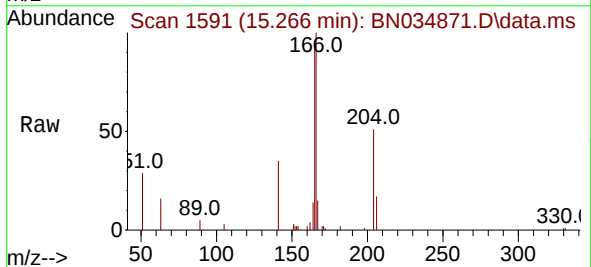
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

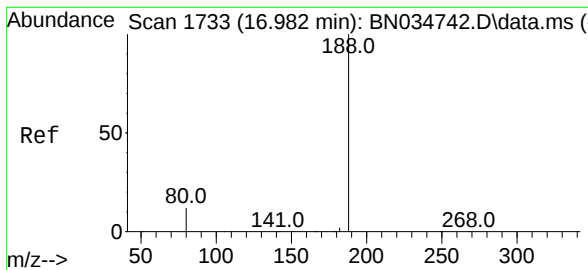
Tgt Ion:154 Resp: 3792
Ion Ratio Lower Upper
154 100
153 112.1 87.8 131.6
152 59.9 44.6 67.0



#18
Fluorene
Concen: 0.117 ng
RT: 15.266 min Scan# 1591
Delta R.T. -0.004 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

Tgt Ion:166 Resp: 4784
Ion Ratio Lower Upper
166 100
165 97.4 78.5 117.7
167 12.9 10.8 16.2

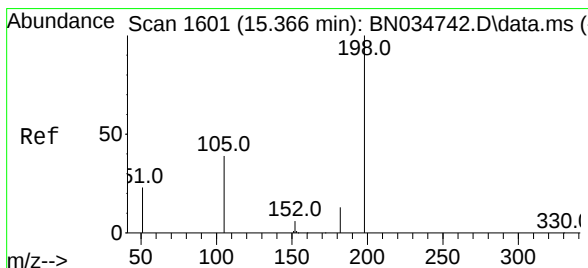
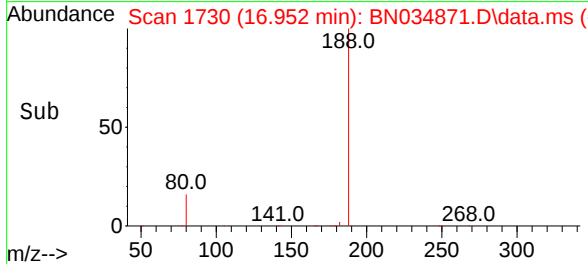
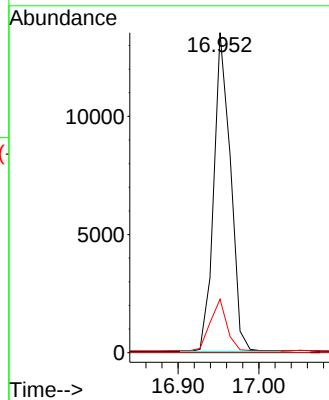
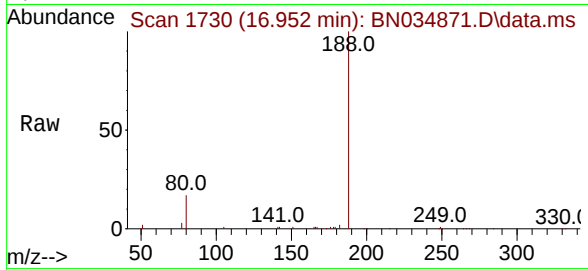




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.952 min Scan# 11
Delta R.T. -0.018 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

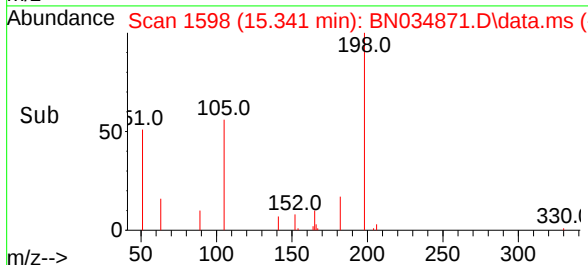
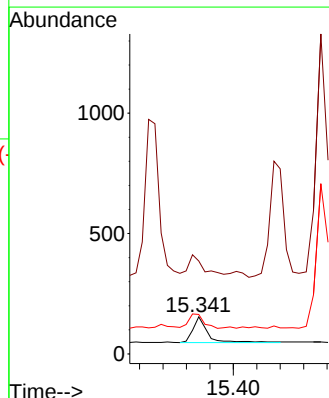
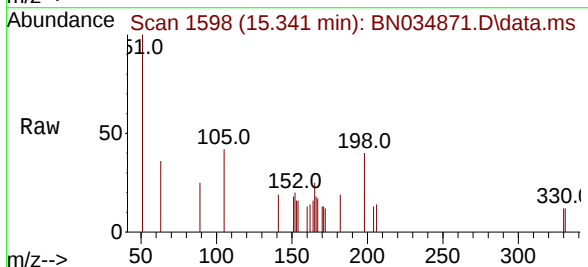
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

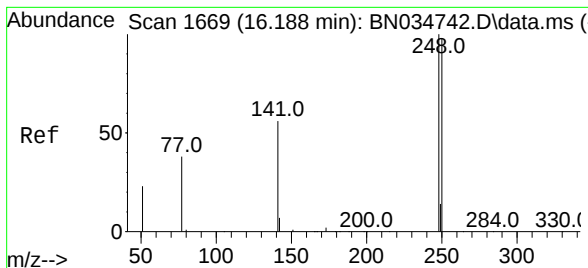
Tgt Ion:188 Resp: 19406
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.7 9.8 14.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.231 ng
RT: 15.341 min Scan# 1598
Delta R.T. -0.014 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

Tgt Ion:198 Resp: 189
Ion Ratio Lower Upper
198 100
51 250.6 58.0 87.0#
105 106.5 49.1 73.7#

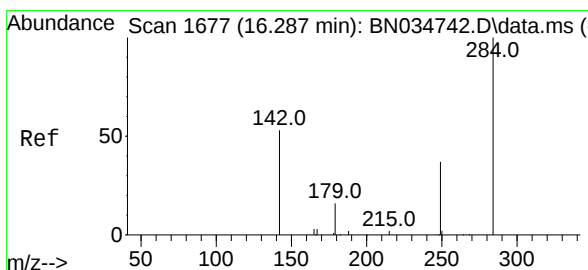
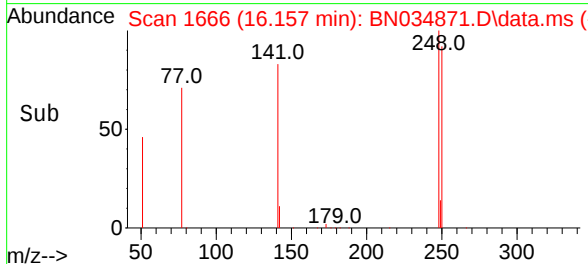
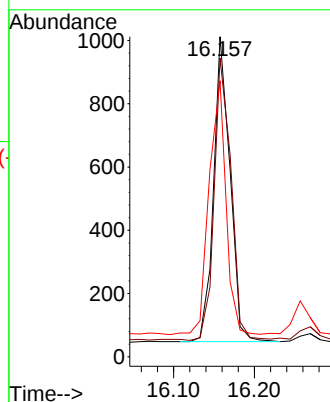
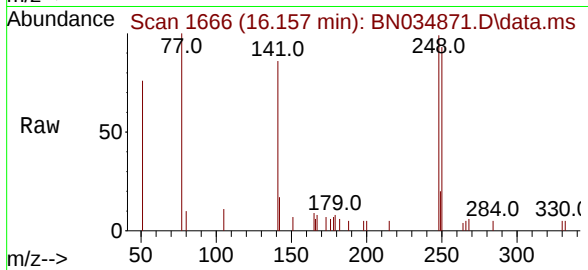




#21
4-Bromophenyl-phenylether
Concen: 0.120 ng
RT: 16.157 min Scan# 1666
Delta R.T. -0.018 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

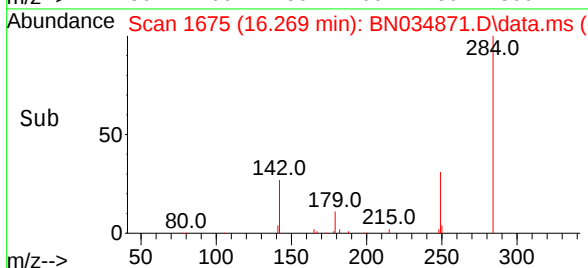
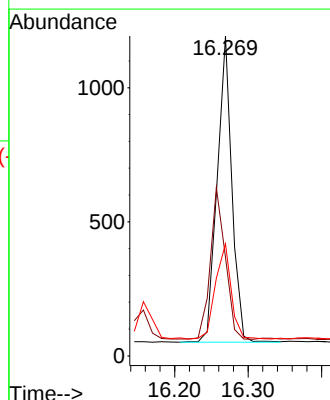
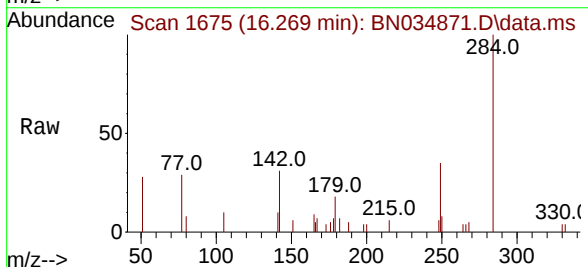
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

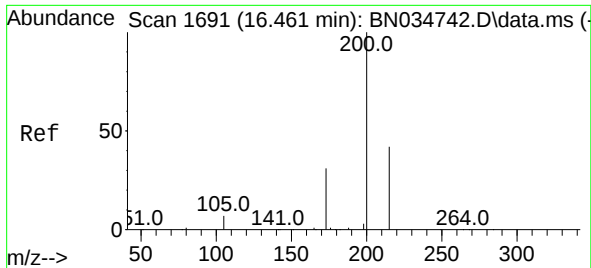
Tgt Ion:248 Resp: 1353
Ion Ratio Lower Upper
248 100
250 93.3 78.7 118.1
141 86.3 46.4 69.6#



#22
Hexachlorobenzene
Concen: 0.126 ng
RT: 16.269 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

Tgt Ion:284 Resp: 1585
Ion Ratio Lower Upper
284 100
142 50.3 35.4 53.0
249 33.1 25.7 38.5

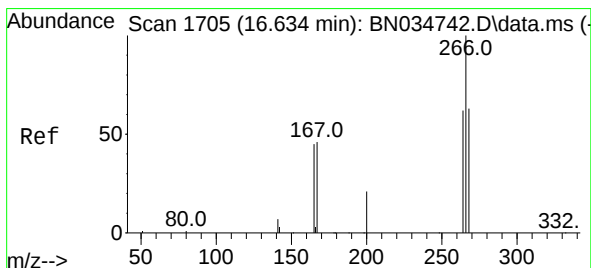
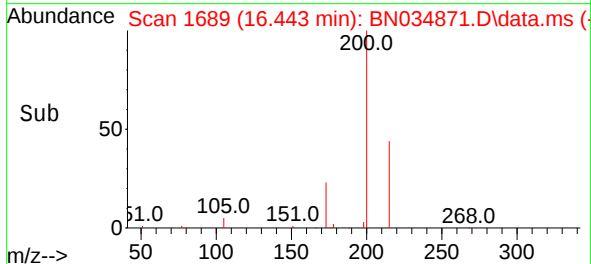
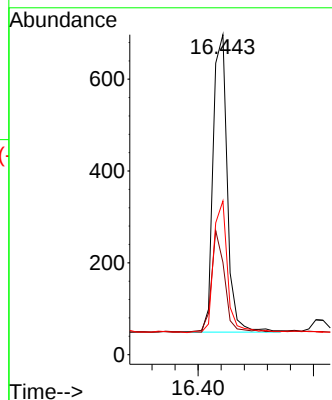
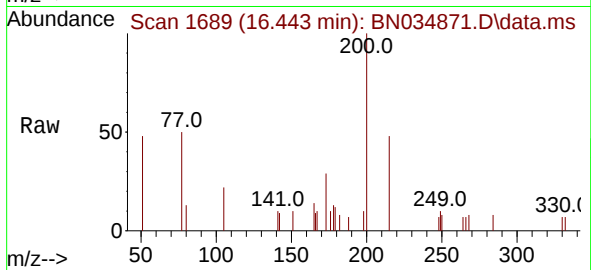




#23
Atrazine
Concen: 0.114 ng
RT: 16.443 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

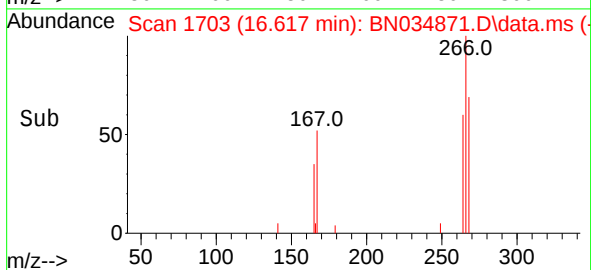
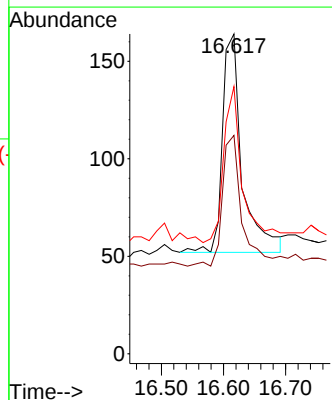
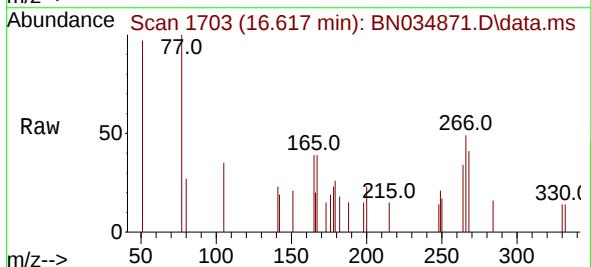
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

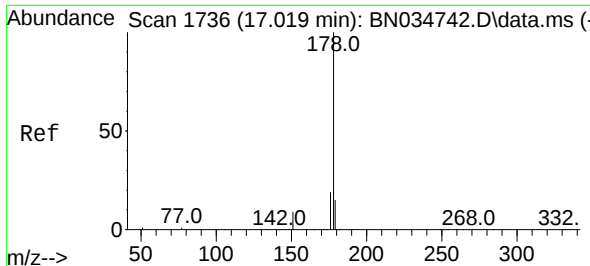
Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.8	25.8	38.6
215	48.1	34.2	51.4



#24
Pentachlorophenol
Concen: 0.046 ng
RT: 16.617 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

Tgt Ion	Ratio	Lower	Upper
266	100		
264	58.3	48.7	73.1
268	69.6	50.2	75.4

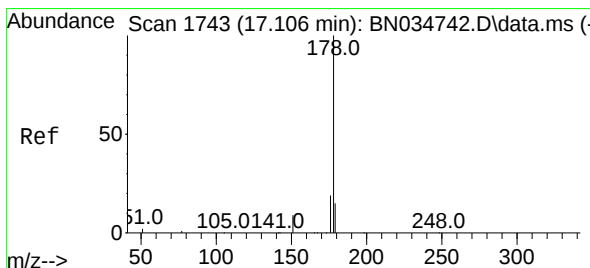
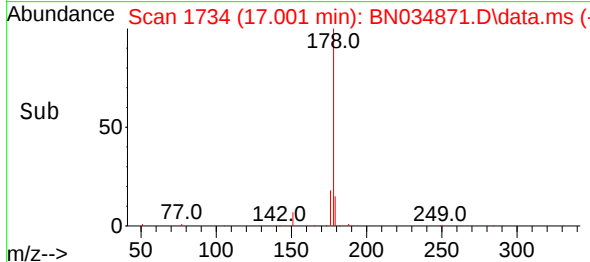
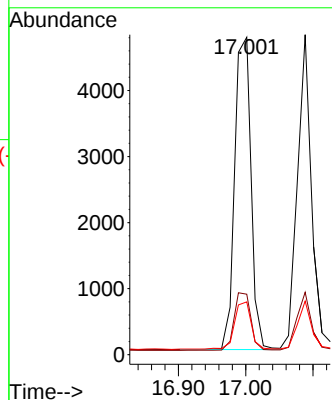
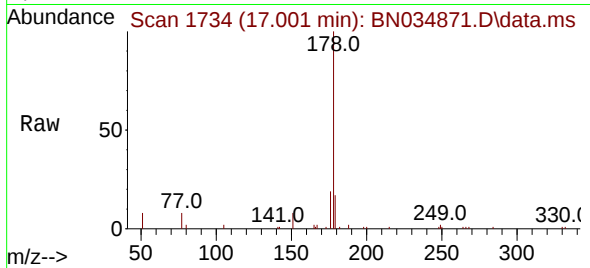




#25
Phenanthrene
Concen: 0.141 ng
RT: 17.001 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

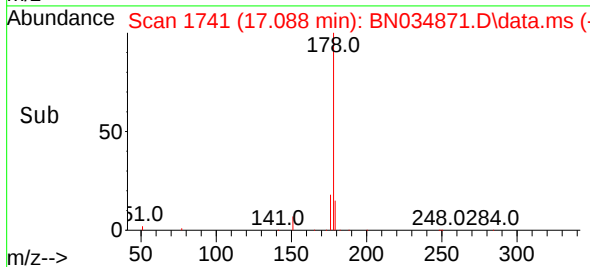
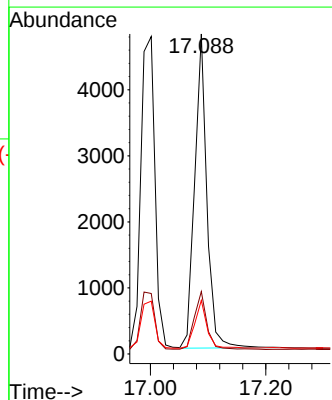
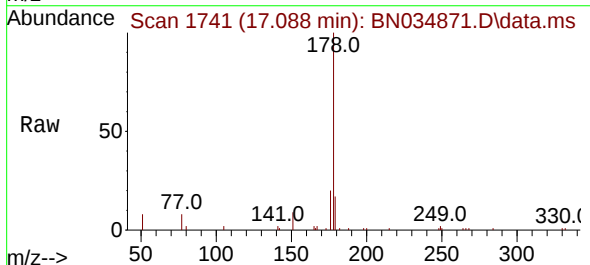
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

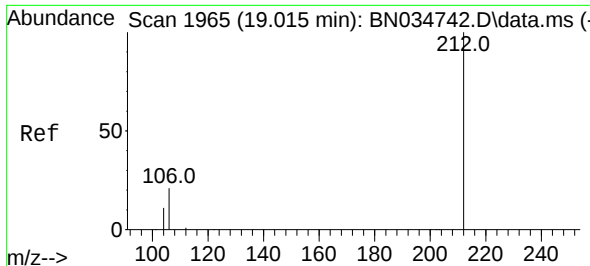
Tgt Ion:178 Resp: 8022
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.6 12.2 18.4



#26
Anthracene
Concen: 0.131 ng
RT: 17.088 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

Tgt Ion:178 Resp: 7008
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.1 12.2 18.2

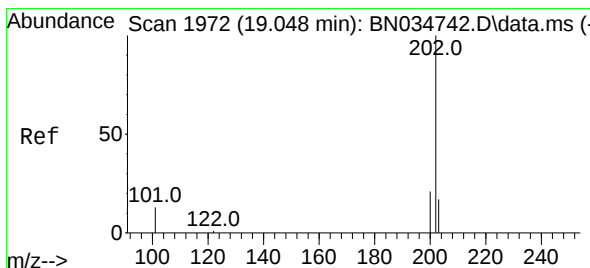
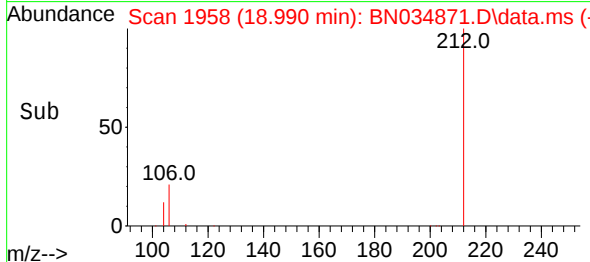
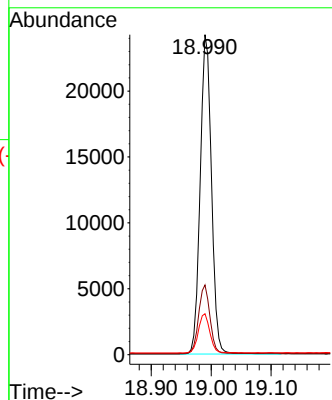
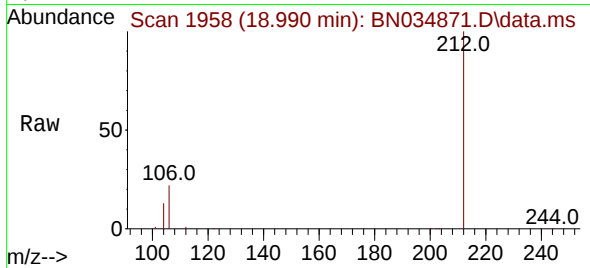




#27
Fluoranthene-d10
Concen: 0.696 ng
RT: 18.990 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

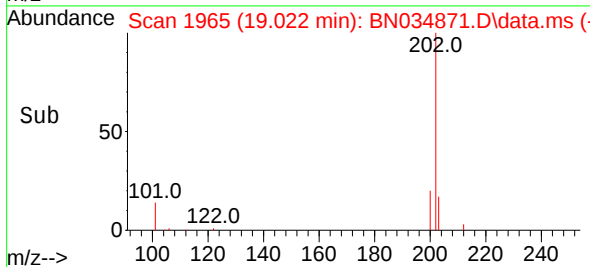
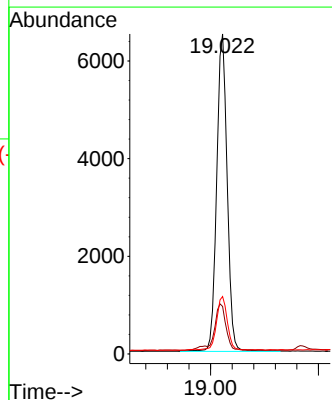
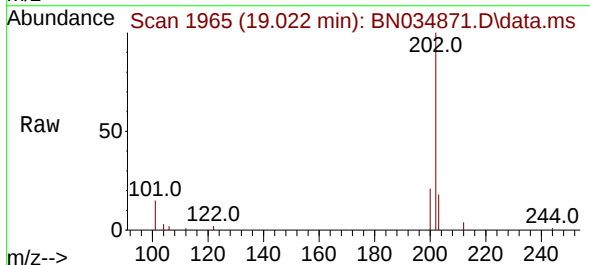
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

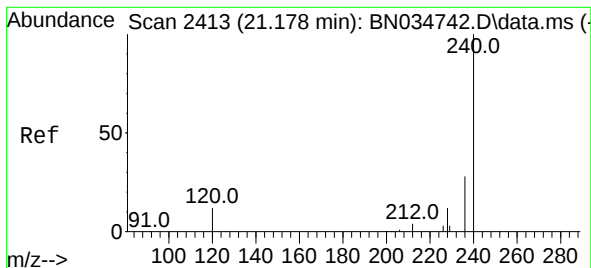
Tgt Ion:212 Resp: 31661
Ion Ratio Lower Upper
212 100
106 21.4 16.1 24.1
104 12.5 9.2 13.8



#28
Fluoranthene
Concen: 0.139 ng
RT: 19.022 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

Tgt Ion:202 Resp: 8747
Ion Ratio Lower Upper
202 100
101 16.7 11.4 17.0
203 17.1 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.149 min Scan# 2408

Delta R.T. -0.011 min

Lab File: BN034871.D

Acq: 06 Nov 2024 12:30

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

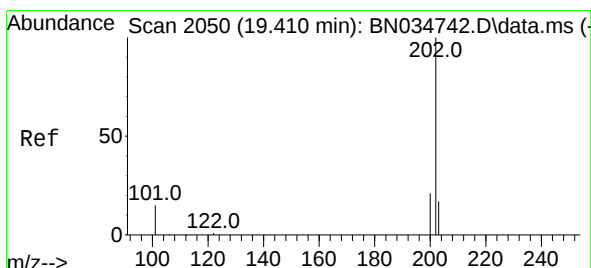
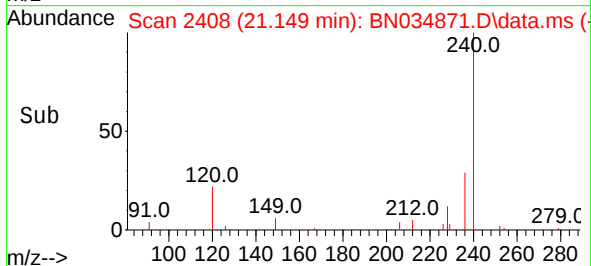
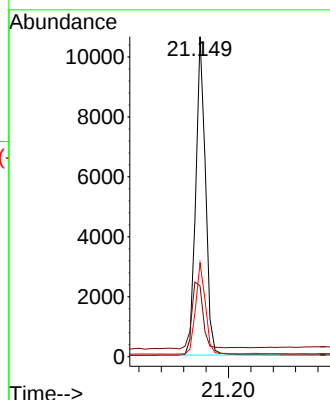
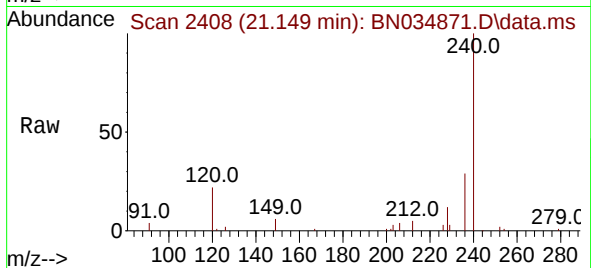
Tgt Ion:240 Resp: 12823

Ion Ratio Lower Upper

240 100

120 22.1 11.5 17.3#

236 29.3 23.2 34.8



#30

Pyrene

Concen: 0.127 ng

RT: 19.384 min Scan# 2043

Delta R.T. -0.012 min

Lab File: BN034871.D

Acq: 06 Nov 2024 12:30

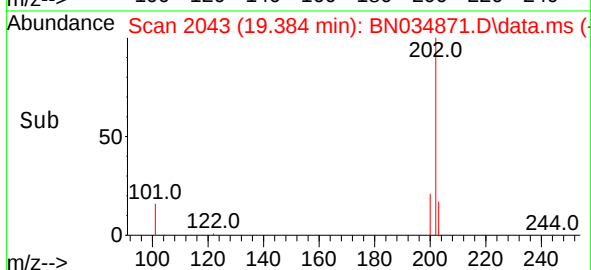
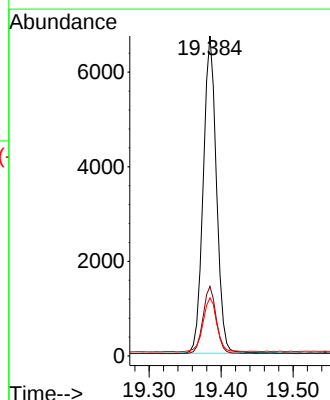
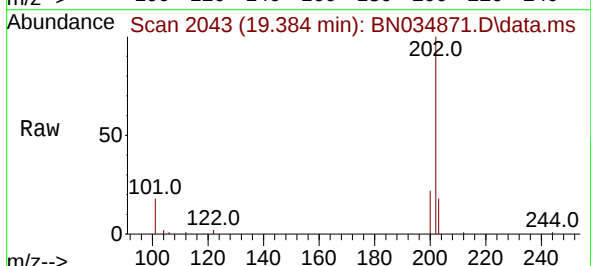
Tgt Ion:202 Resp: 8543

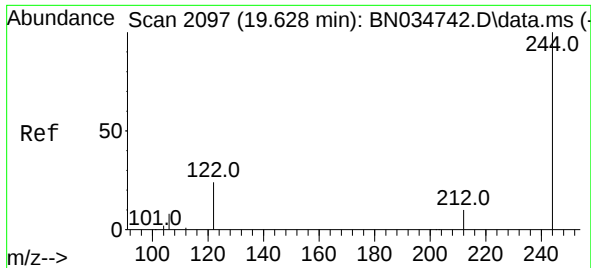
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 17.9 14.2 21.2

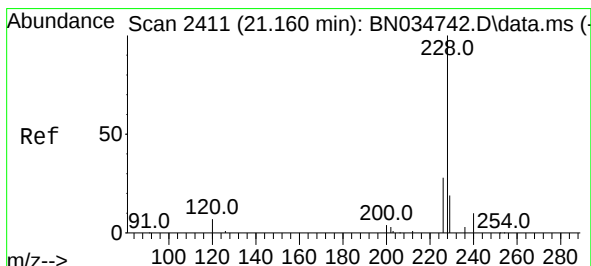
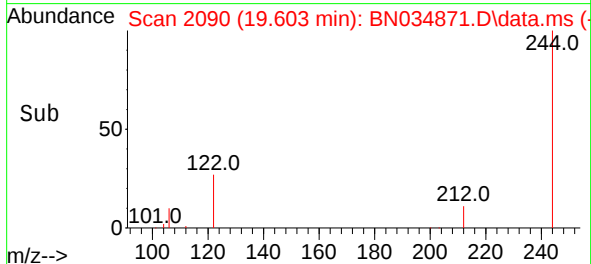
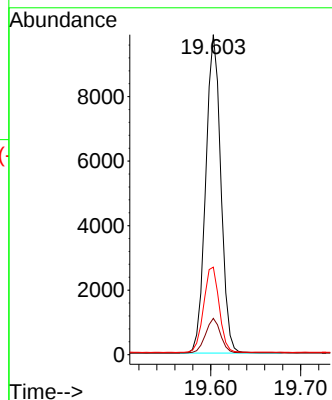
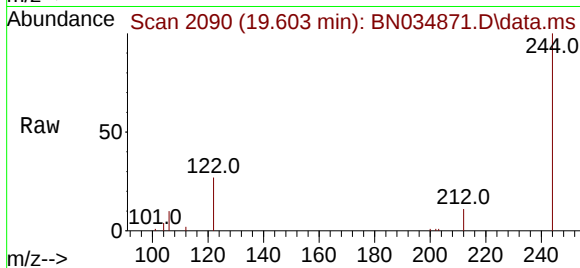




#31
 Terphenyl-d14
 Concen: 0.420 ng
 RT: 19.603 min Scan# 2406
 Delta R.T. -0.012 min
 Lab File: BN034871.D
 Acq: 06 Nov 2024 12:30

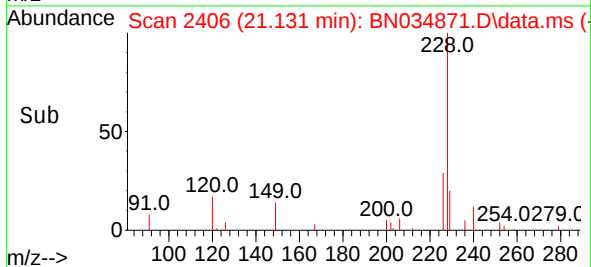
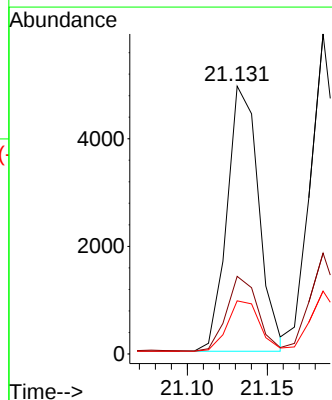
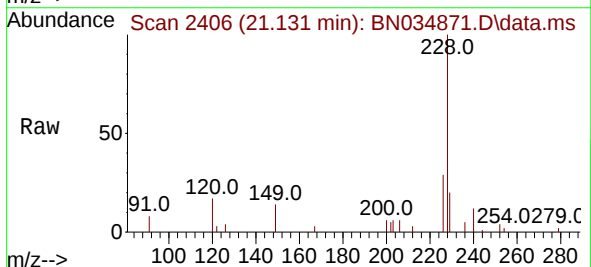
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

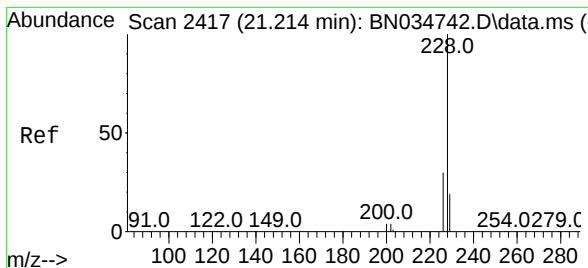
Tgt Ion:244 Resp: 11558
 Ion Ratio Lower Upper
 244 100
 212 11.3 8.2 12.4
 122 27.3 19.8 29.6



#32
 Benzo(a)anthracene
 Concen: 0.133 ng
 RT: 21.131 min Scan# 2406
 Delta R.T. -0.011 min
 Lab File: BN034871.D
 Acq: 06 Nov 2024 12:30

Tgt Ion:228 Resp: 6798
 Ion Ratio Lower Upper
 228 100
 226 29.0 22.6 33.8
 229 19.8 15.7 23.5





#33

Chrysene

Concen: 0.148 ng

RT: 21.185 min Scan# 2412

Delta R.T. -0.011 min

Lab File: BN034871.D

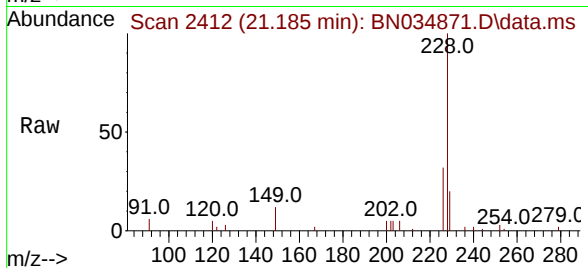
Acq: 06 Nov 2024 12:30

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024



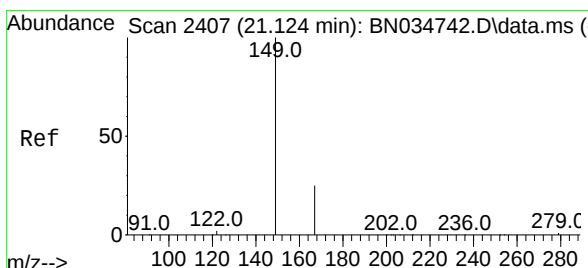
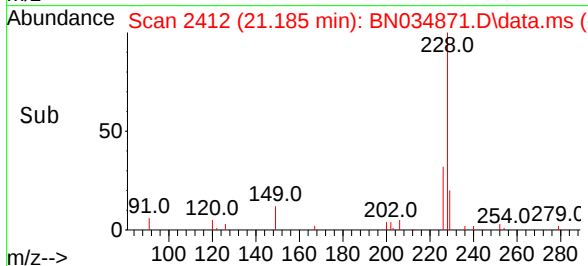
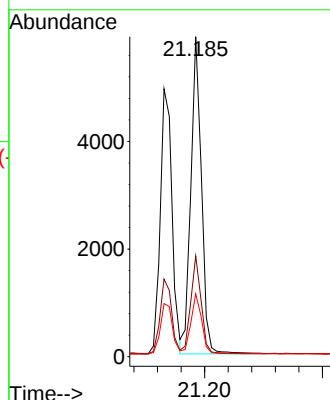
Tgt Ion:228 Resp: 7379

Ion Ratio Lower Upper

228 100

226 31.5 24.4 36.6

229 19.6 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.090 ng

RT: 21.095 min Scan# 2402

Delta R.T. -0.011 min

Lab File: BN034871.D

Acq: 06 Nov 2024 12:30

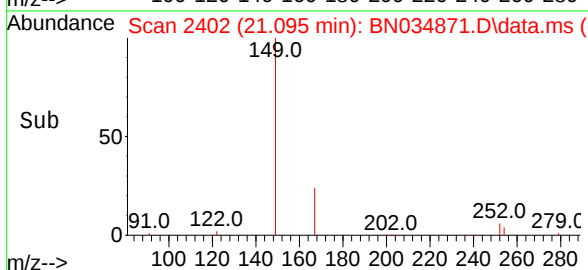
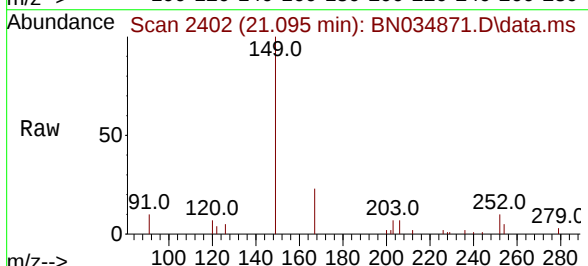
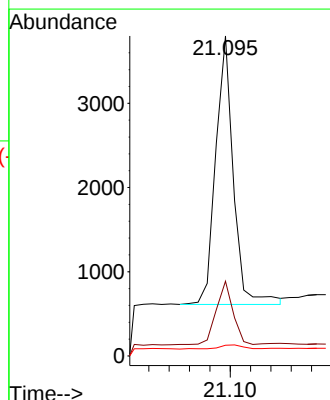
Tgt Ion:149 Resp: 3844

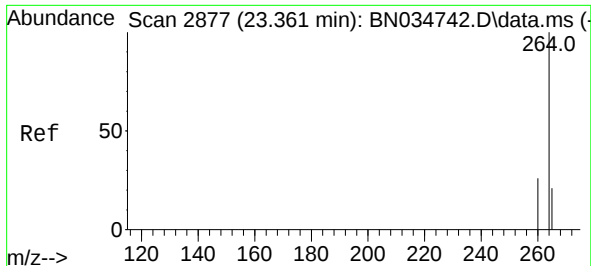
Ion Ratio Lower Upper

149 100

167 22.5 20.6 30.8

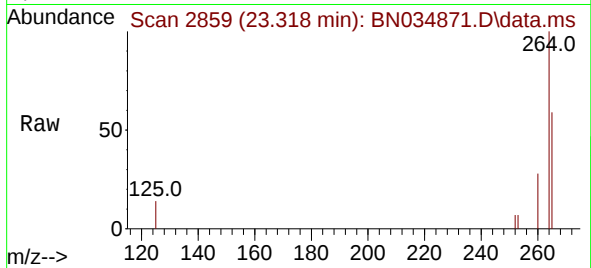
279 2.2 1.5 2.3



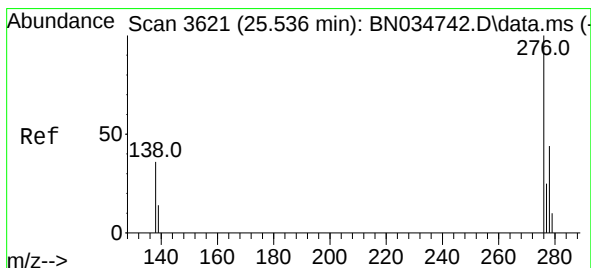
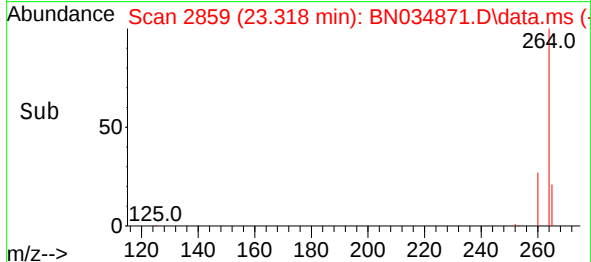
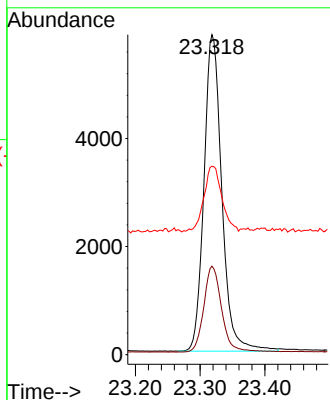


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.318 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

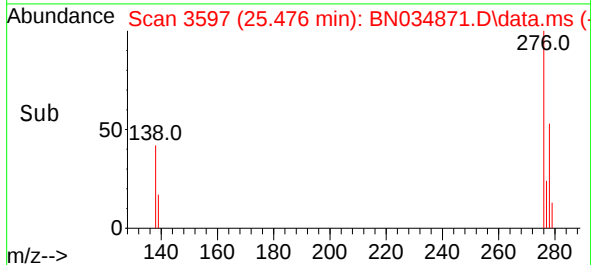
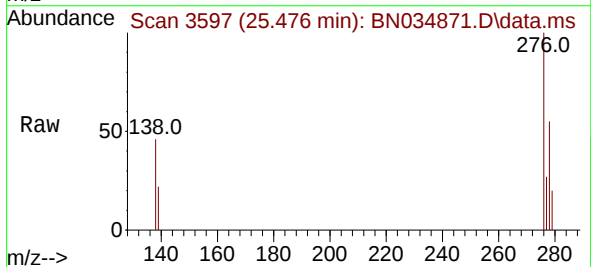
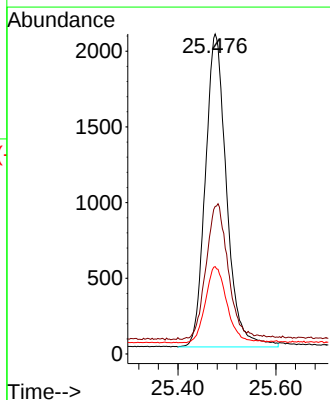


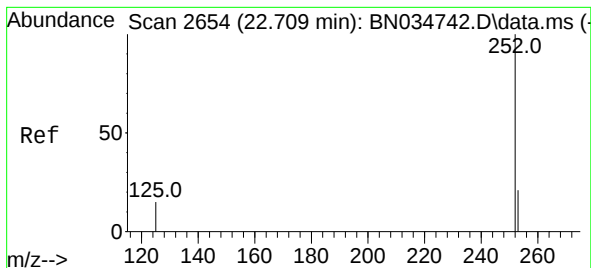
Tgt Ion:264 Resp: 11237
Ion Ratio Lower Upper
264 100
260 27.7 21.5 32.3
265 58.9 47.5 71.3



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.150 ng
RT: 25.476 min Scan# 3597
Delta R.T. -0.029 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

Tgt Ion:276 Resp: 6207
Ion Ratio Lower Upper
276 100
138 44.4 31.5 47.3
277 24.4 19.7 29.5





#37

Benzo(b)fluoranthene

Concen: 0.151 ng

RT: 22.672 min Scan# 2638

Delta R.T. -0.017 min

Lab File: BN034871.D

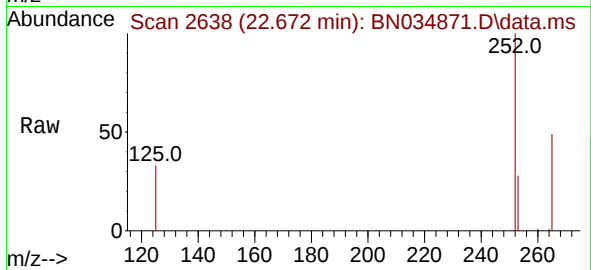
Acq: 06 Nov 2024 12:30

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024



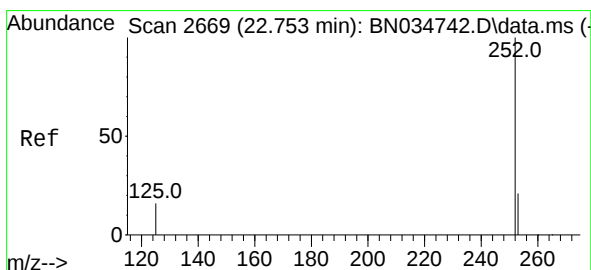
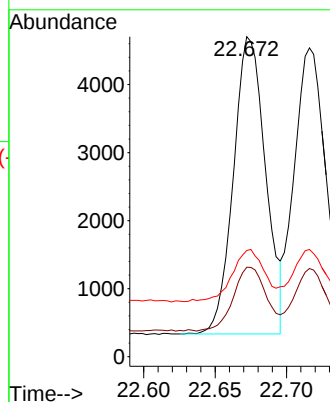
Tgt Ion:252 Resp: 6845

Ion Ratio Lower Upper

252 100

253 28.0 19.7 29.5

125 33.2 17.1 25.7#



#38

Benzo(k)fluoranthene

Concen: 0.150 ng

RT: 22.716 min Scan# 2653

Delta R.T. -0.014 min

Lab File: BN034871.D

Acq: 06 Nov 2024 12:30

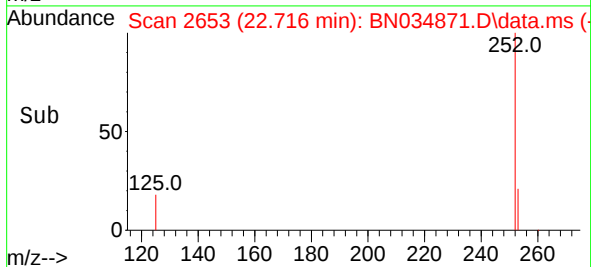
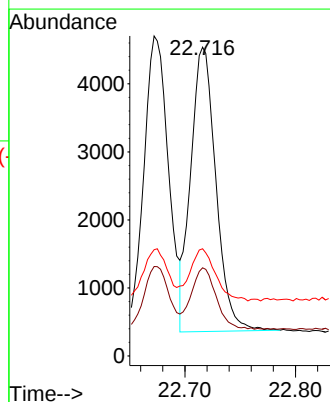
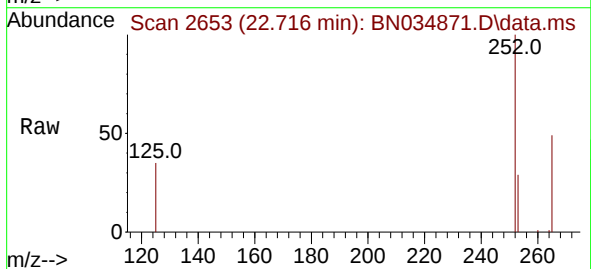
Tgt Ion:252 Resp: 6618

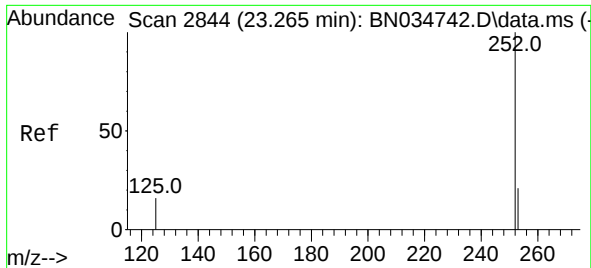
Ion Ratio Lower Upper

252 100

253 28.5 19.8 29.6

125 34.7 18.2 27.2#





#39

Benzo(a)pyrene

Concen: 0.141 ng

RT: 23.225 min Scan# 21

Delta R.T. -0.017 min

Lab File: BN034871.D

Acq: 06 Nov 2024 12:30

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

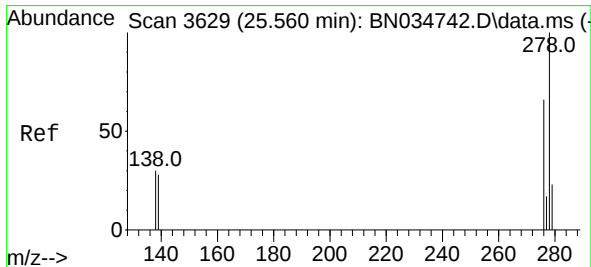
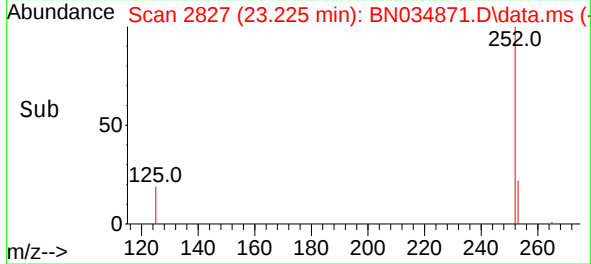
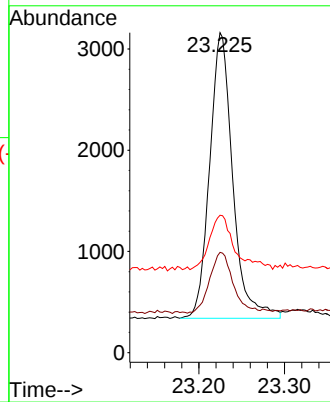
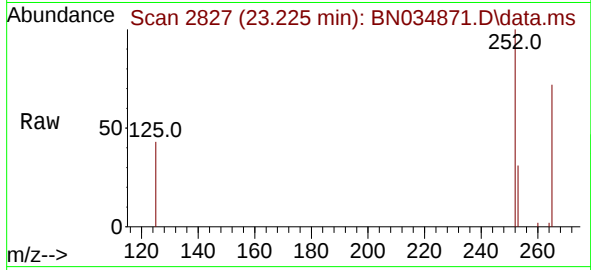
Tgt Ion:252 Resp: 5277

Ion Ratio Lower Upper

252 100

253 31.3 20.7 31.1#

125 42.9 20.3 30.5#



#40

Dibenzo(a,h)anthracene

Concen: 0.145 ng

RT: 25.491 min Scan# 3602

Delta R.T. -0.034 min

Lab File: BN034871.D

Acq: 06 Nov 2024 12:30

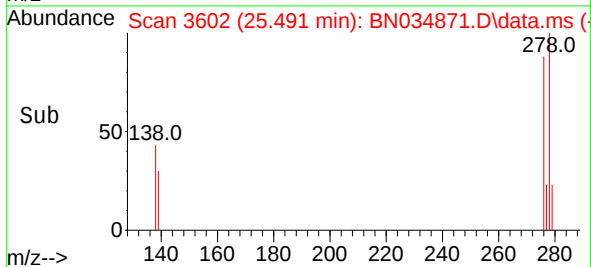
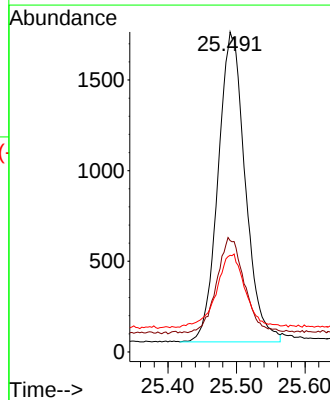
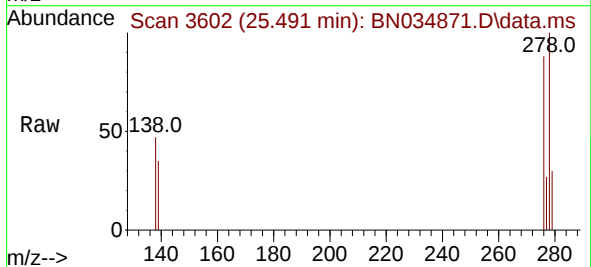
Tgt Ion:278 Resp: 4690

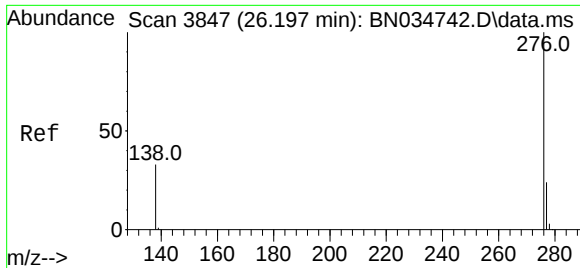
Ion Ratio Lower Upper

278 100

139 34.8 24.9 37.3

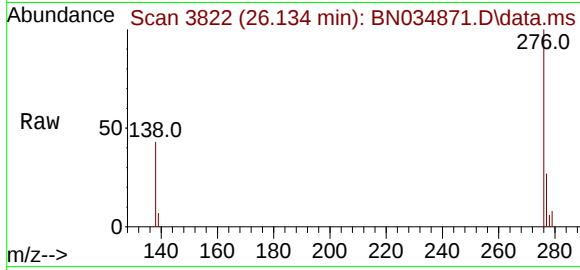
279 30.2 21.0 31.4





#41
Benzo(g,h,i)perylene
Concen: 0.152 ng
RT: 26.134 min Scan# 3847
Delta R.T. -0.031 min
Lab File: BN034871.D
Acq: 06 Nov 2024 12:30

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:276 Resp: 5299
Ion Ratio Lower Upper
276 100
277 26.8 20.2 30.2
138 43.0 28.7 43.1

