

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110624\
 Data File : BN034873.D
 Acq On : 06 Nov 2024 13:46
 Operator : RC/JU
 Sample : P4368-01
 Misc : LOD-MDL-SOIL-0.1 ng
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Nov 06 14:41:54 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)

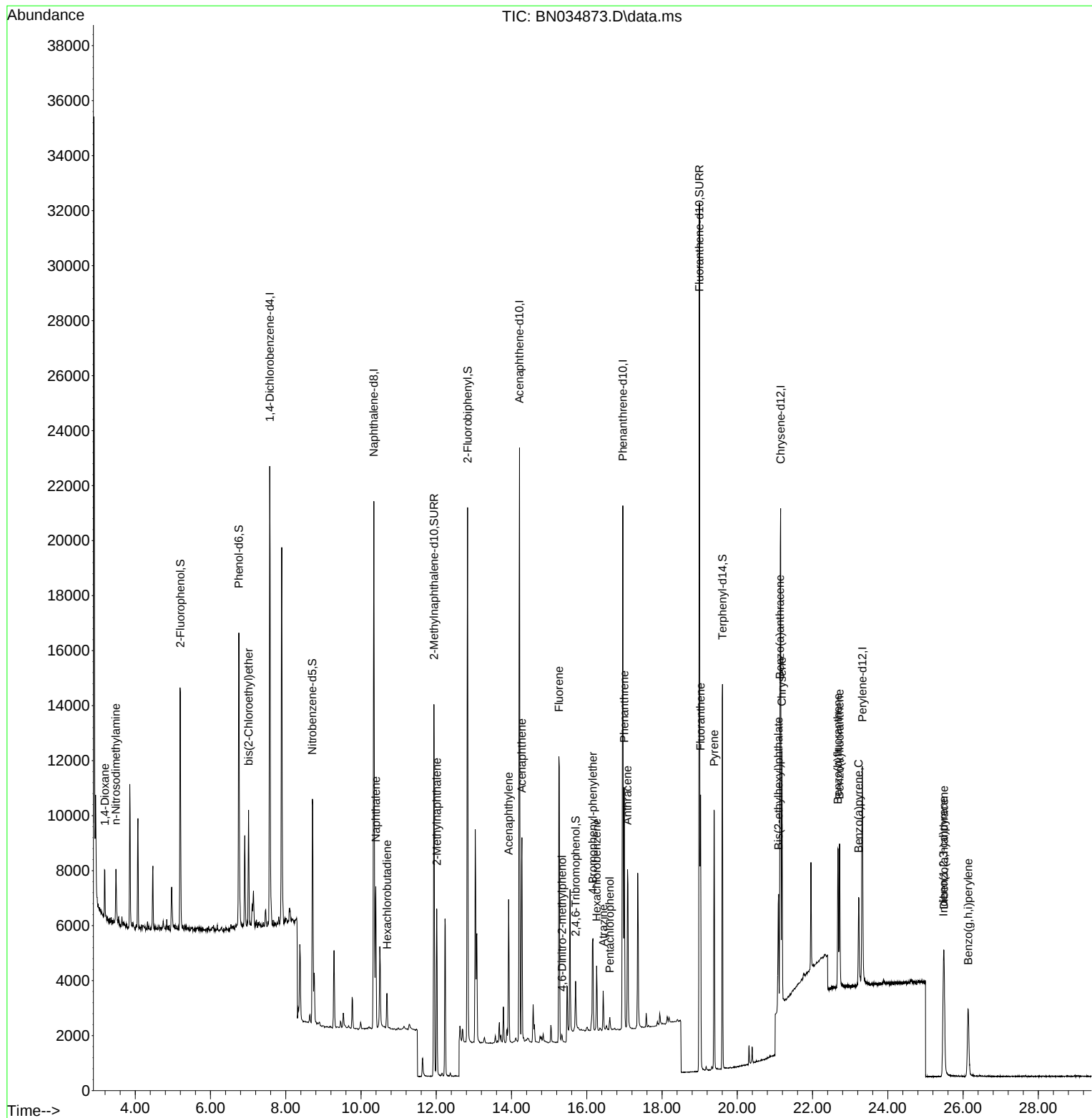
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	7518	0.400	ng	-0.01
7) Naphthalene-d8	10.340	136	23228	0.400	ng	-0.01
13) Acenaphthene-d10	14.211	164	11583	0.400	ng	-0.01
19) Phenanthrene-d10	16.957	188	23350	0.400	ng	-0.01
29) Chrysene-d12	21.151	240	13735	0.400	ng	# 0.00
35) Perylene-d12	23.323	264	10782	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.199	112	6982	0.307	ng	-0.01
5) Phenol-d6	6.752	99	9439	0.319	ng	-0.01
8) Nitrobenzene-d5	8.707	82	6725	0.368	ng	-0.02
11) 2-Methylnaphthalene-d10	11.939	152	18149	0.540	ng	-0.01
14) 2,4,6-Tribromophenol	15.704	330	1022	0.179	ng	-0.01
15) 2-Fluorobiphenyl	12.832	172	16695	0.366	ng	-0.01
27) Fluoranthene-d10	18.992	212	31130	0.568	ng	0.00
31) Terphenyl-d14	19.605	244	11081	0.376	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.191	88	1211	0.147	ng	99
3) n-Nitrosodimethylamine	3.487	42	1317	0.142	ng	# 87
6) bis(2-Chloroethyl)ether	7.012	93	2690	0.125	ng	95
9) Naphthalene	10.394	128	6803	0.106	ng	98
10) Hexachlorobutadiene	10.693	225	1034	0.098	ng	# 99
12) 2-Methylnaphthalene	12.014	142	4247	0.101	ng	98
16) Acenaphthylene	13.923	152	5618	0.097	ng	99
17) Acenaphthene	14.276	154	3830	0.099	ng	96
18) Fluorene	15.259	166	4818	0.100	ng	99
20) 4,6-Dinitro-2-methylph...	15.345	198	182	0.221	ng	# 1
21) 4-Bromophenyl-phenylether	16.163	248	1327	0.098	ng	100
22) Hexachlorobenzene	16.262	284	1574	0.104	ng	91
23) Atrazine	16.436	200	1066	0.092	ng	94
24) Pentachlorophenol	16.610	266	245	0.038	ng	94
25) Phenanthrene	16.995	178	8147	0.119	ng	99
26) Anthracene	17.081	178	7006	0.109	ng	99
28) Fluoranthene	19.024	202	8648	0.114	ng	97
30) Pyrene	19.387	202	8401	0.117	ng	100
32) Benzo(a)anthracene	21.134	228	6265	0.115	ng	100
33) Chrysene	21.187	228	6818	0.127	ng	99
34) Bis(2-ethylhexyl)phtha...	21.098	149	3760	0.082	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.478	276	5247	0.132	ng	94
37) Benzo(b)fluoranthene	22.674	252	5870	0.135	ng	# 81
38) Benzo(k)fluoranthene	22.718	252	5812	0.137	ng	# 80
39) Benzo(a)pyrene	23.227	252	4367	0.122	ng	# 72
40) Dibenzo(a,h)anthracene	25.493	278	3980	0.129	ng	# 89
41) Benzo(g,h,i)perylene	26.136	276	4468	0.134	ng	# 91

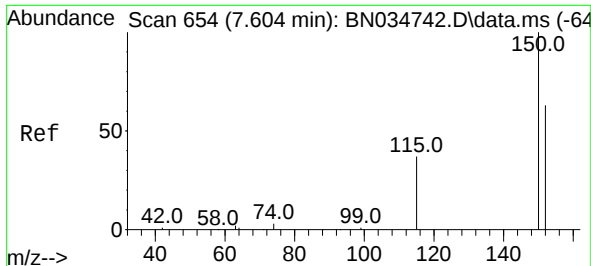
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110624\
Data File : BN034873.D
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Instrument :
BNA_N
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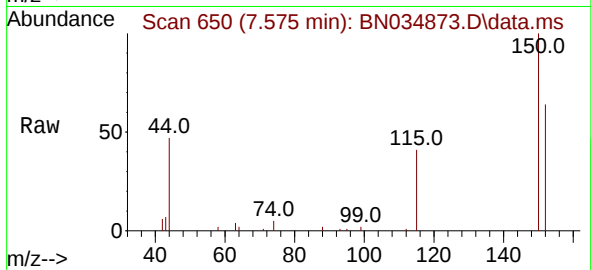
Quant Time: Nov 06 14:41:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
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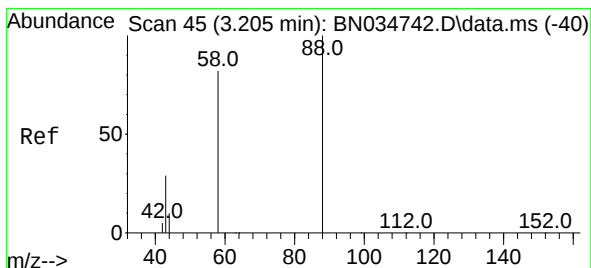
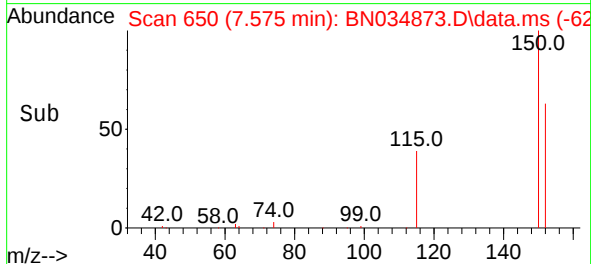
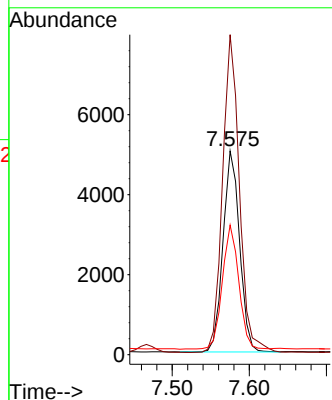


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.575 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034873.D
Acq: 06 Nov 2024 13:46

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

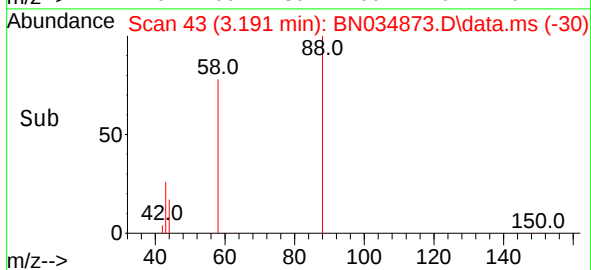
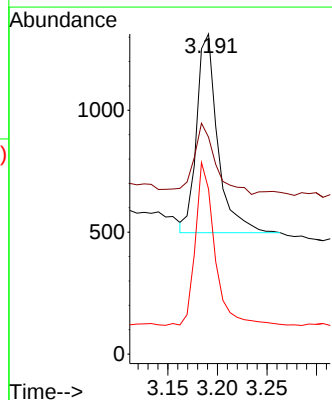
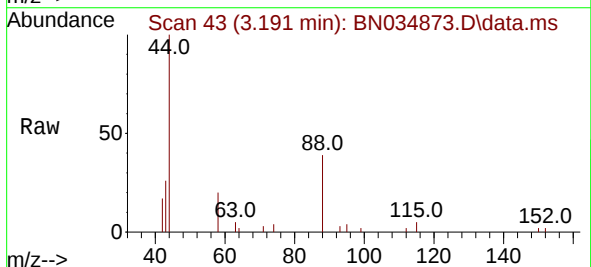


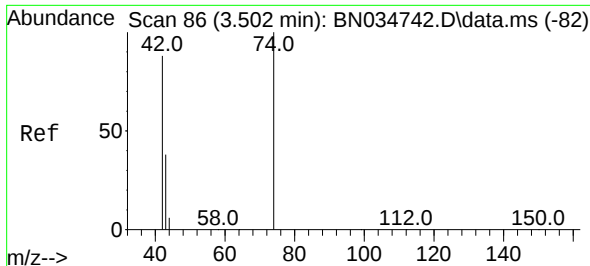
Tgt Ion:152 Resp: 7518
Ion Ratio Lower Upper
152 100
150 157.1 124.9 187.3
115 63.6 50.2 75.2



#2
1,4-Dioxane
Concen: 0.147 ng
RT: 3.191 min Scan# 43
Delta R.T. -0.007 min
Lab File: BN034873.D
Acq: 06 Nov 2024 13:46

Tgt Ion: 88 Resp: 1211
Ion Ratio Lower Upper
88 100
43 33.2 26.7 40.1
58 75.1 59.3 88.9

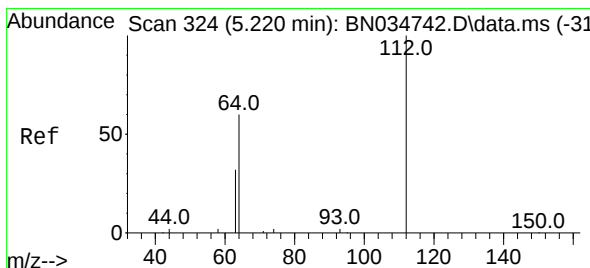
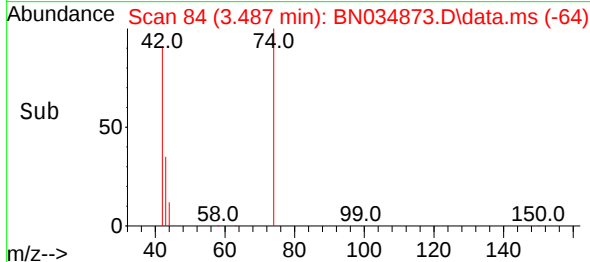
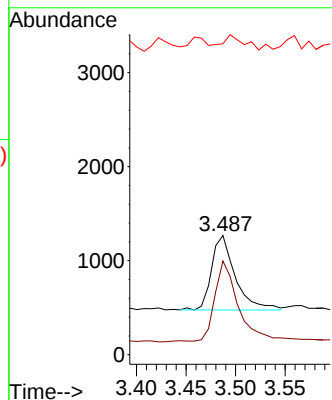
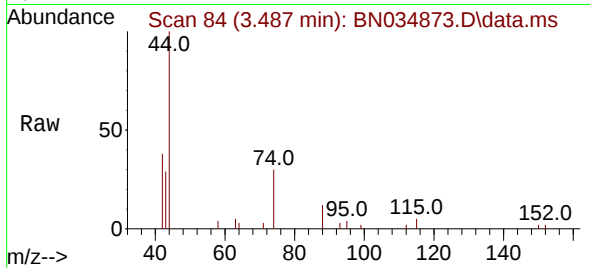




#3
n-Nitrosodimethylamine
Concen: 0.142 ng
RT: 3.487 min Scan# 84
Delta R.T. -0.007 min
Lab File: BN034873.D
Acq: 06 Nov 2024 13:46

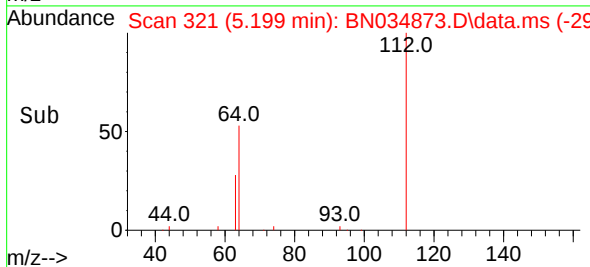
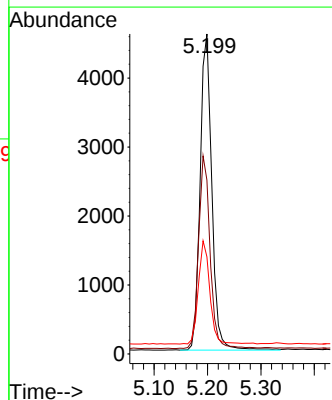
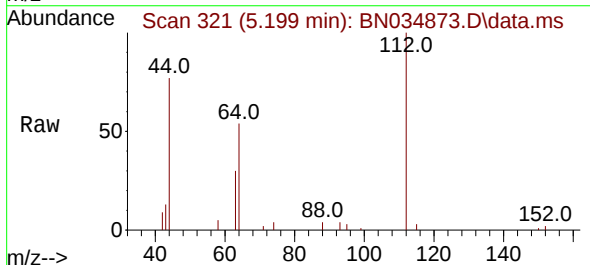
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

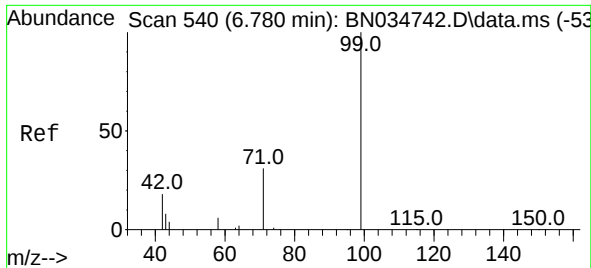
Tgt Ion: 42 Resp: 1317
Ion Ratio Lower Upper
42 100
74 115.8 103.1 154.7
44 23.5 6.7 10.1#



#4
2-Fluorophenol
Concen: 0.307 ng
RT: 5.199 min Scan# 321
Delta R.T. -0.014 min
Lab File: BN034873.D
Acq: 06 Nov 2024 13:46

Tgt Ion: 112 Resp: 6982
Ion Ratio Lower Upper
112 100
64 60.1 44.9 67.3
63 31.8 23.5 35.3

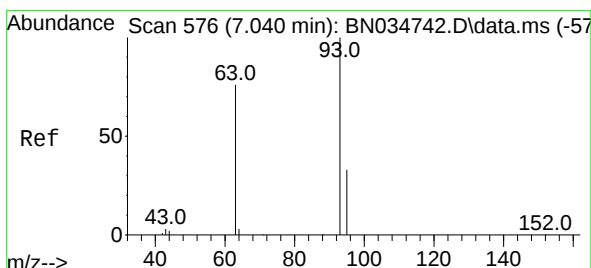
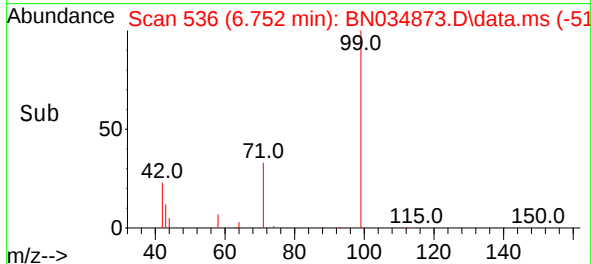
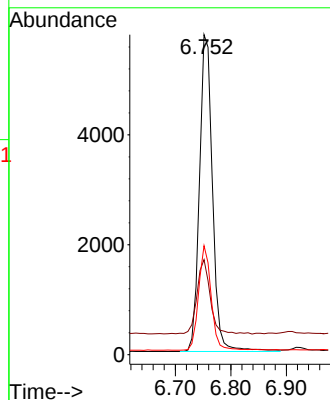
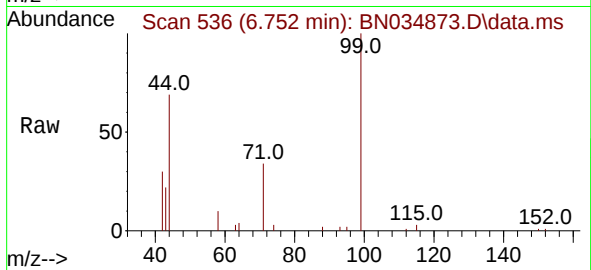




#5
Phenol-d6
Concen: 0.319 ng
RT: 6.752 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN034873.D
Acq: 06 Nov 2024 13:46

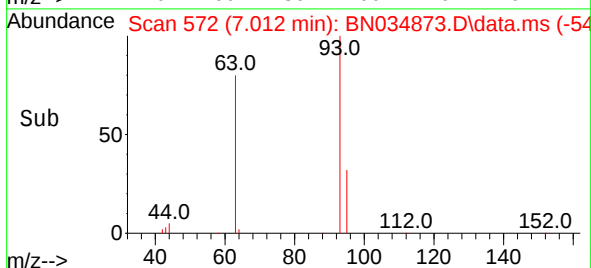
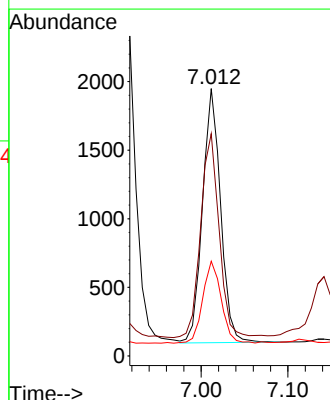
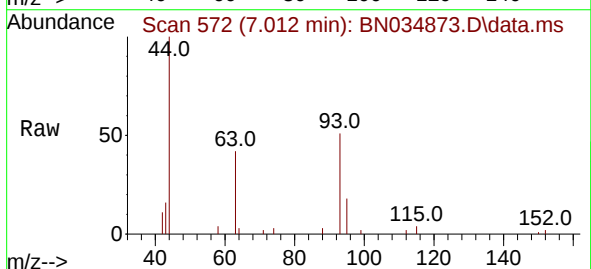
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

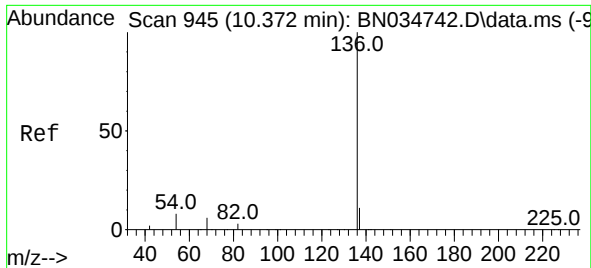
Tgt Ion: 99 Resp: 9439
Ion Ratio Lower Upper
99 100
42 23.8 15.9 23.9
71 31.8 24.3 36.5



#6
bis(2-Chloroethyl)ether
Concen: 0.125 ng
RT: 7.012 min Scan# 572
Delta R.T. -0.014 min
Lab File: BN034873.D
Acq: 06 Nov 2024 13:46

Tgt Ion: 93 Resp: 2690
Ion Ratio Lower Upper
93 100
63 82.2 61.2 91.8
95 33.2 25.8 38.8

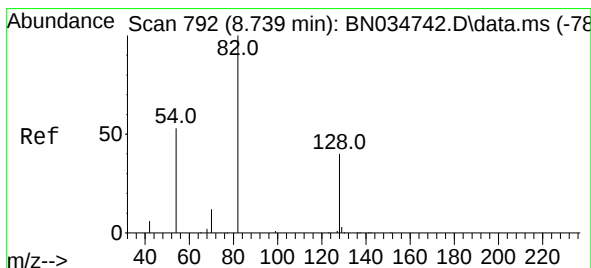
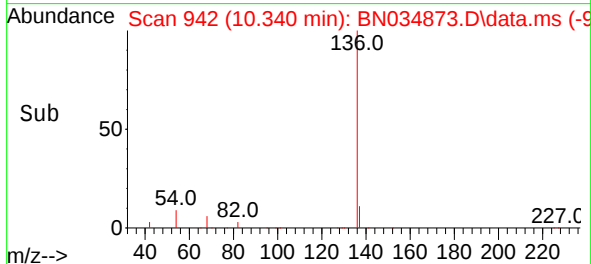
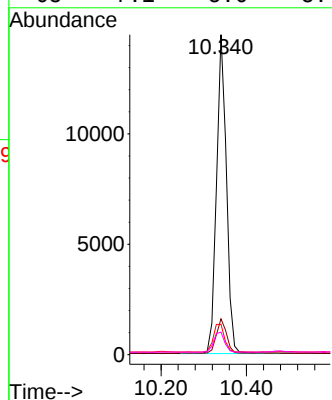
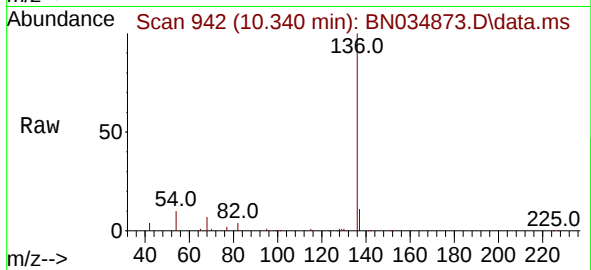




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 945
Delta R.T. -0.011 min
Lab File: BN034873.D
Acq: 06 Nov 2024 13:46

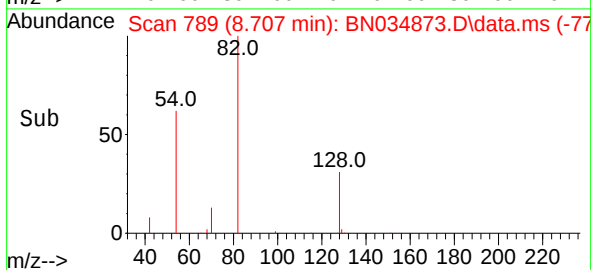
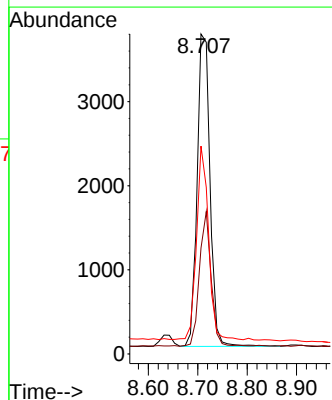
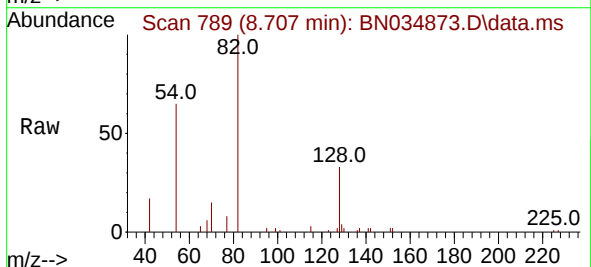
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

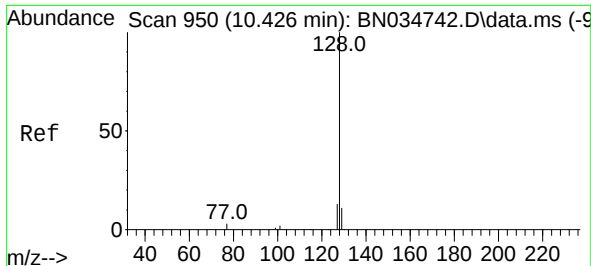
Tgt Ion:136	Resp:	23228
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.2 13.8
54	9.5	7.0 10.4
68	7.1	5.6 8.4



#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.707 min Scan# 789
Delta R.T. -0.021 min
Lab File: BN034873.D
Acq: 06 Nov 2024 13:46

Tgt Ion: 82	Resp:	6725
Ion Ratio	Lower	Upper
82	100	
128	33.1	33.7 50.5#
54	65.0	44.4 66.6

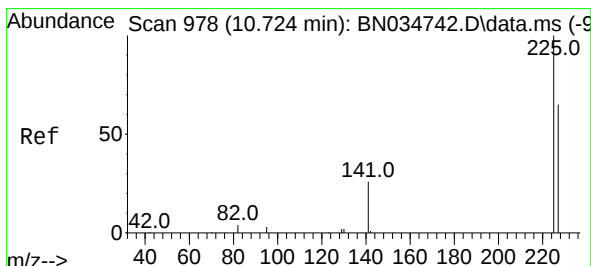
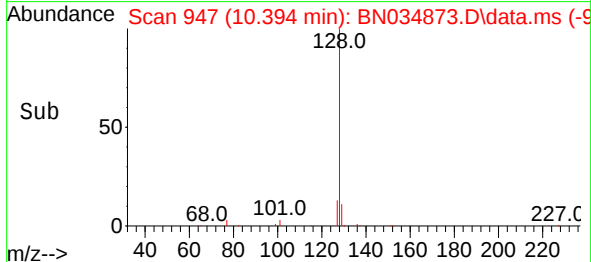
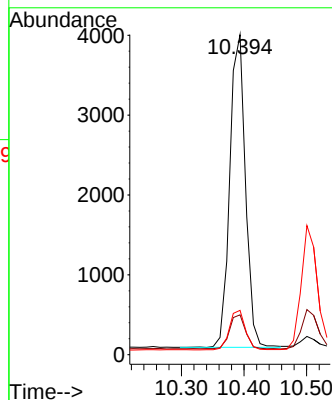
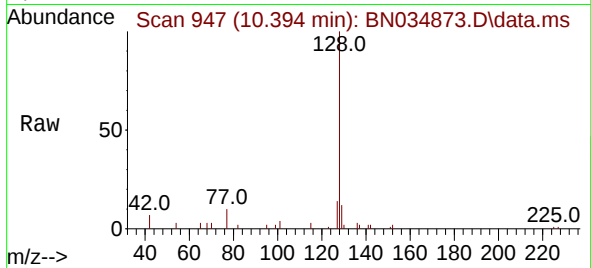




#9
Naphthalene
Concen: 0.106 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN034873.D
Acq: 06 Nov 2024 13:46

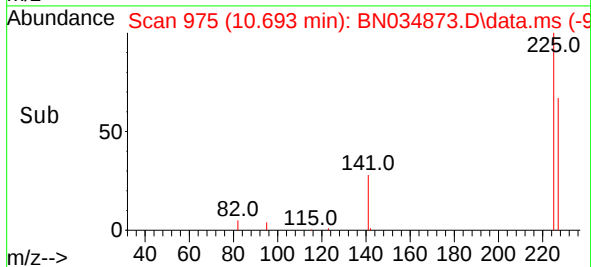
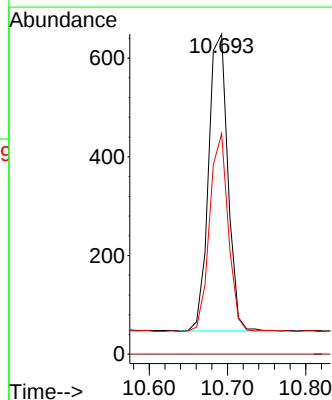
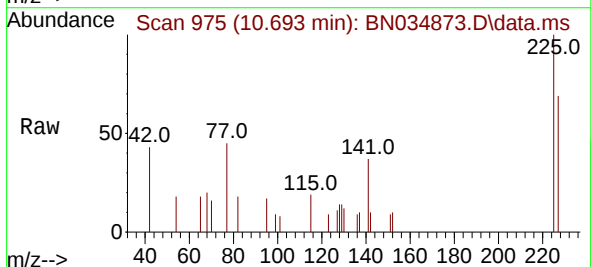
Instrument :
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LOD-MDL-SOIL-01-QT4-2024

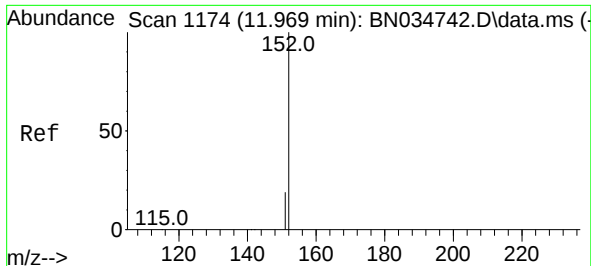
Tgt Ion:128 Resp: 6803
Ion Ratio Lower Upper
128 100
129 12.5 9.4 14.0
127 13.9 10.6 15.8



#10
Hexachlorobutadiene
Concen: 0.098 ng
RT: 10.693 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN034873.D
Acq: 06 Nov 2024 13:46

Tgt Ion:225 Resp: 1034
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.7 51.4 77.2





#11

2-Methylnaphthalene-d10

Concen: 0.540 ng

RT: 11.939 min Scan# 1166

Delta R.T. -0.011 min

Lab File: BN034873.D

Acq: 06 Nov 2024 13:46

Instrument :

BNA_N

ClientSampleId :

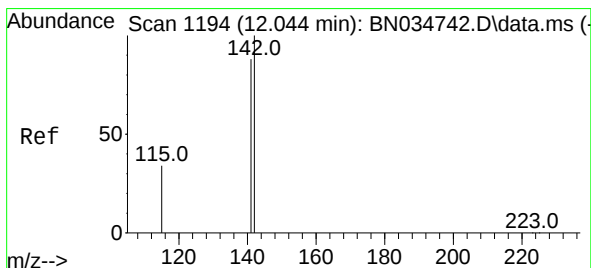
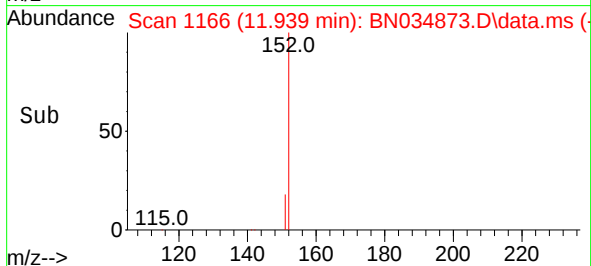
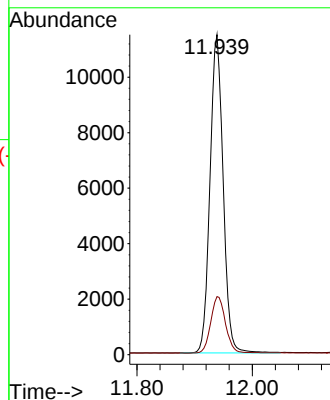
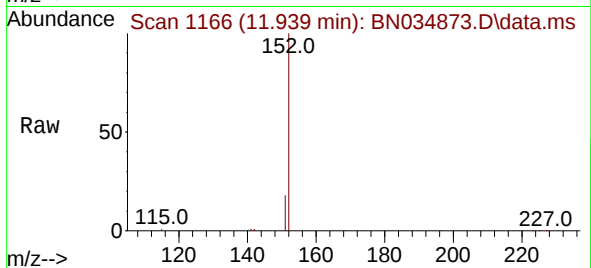
LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:152 Resp: 18149

Ion Ratio Lower Upper

152 100

151 20.0 16.6 24.8



#12

2-Methylnaphthalene

Concen: 0.101 ng

RT: 12.014 min Scan# 1186

Delta R.T. -0.011 min

Lab File: BN034873.D

Acq: 06 Nov 2024 13:46

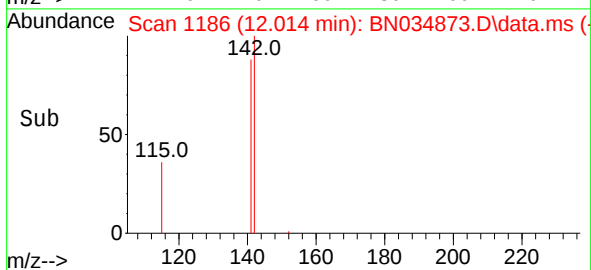
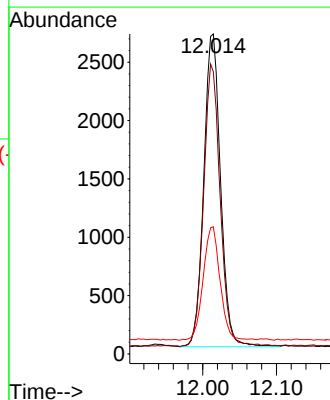
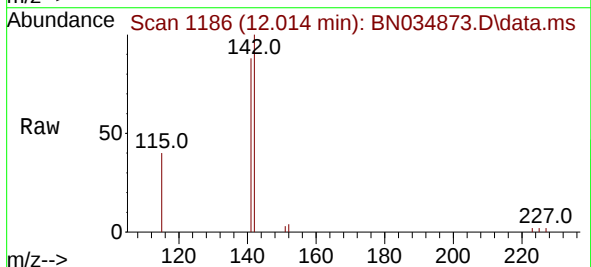
Tgt Ion:142 Resp: 4247

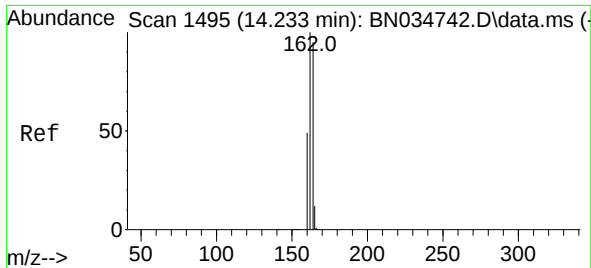
Ion Ratio Lower Upper

142 100

141 88.2 70.6 106.0

115 39.8 28.6 42.8

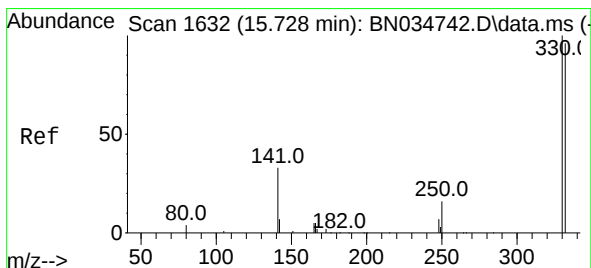
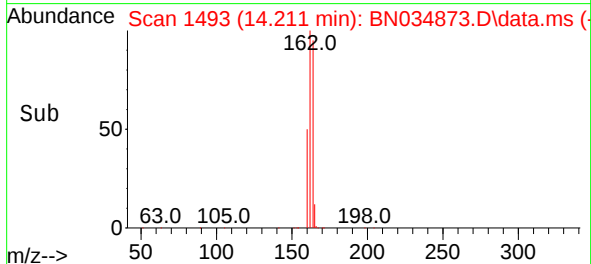
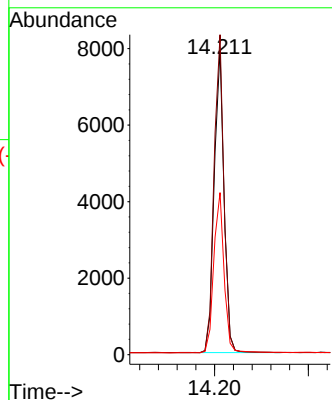
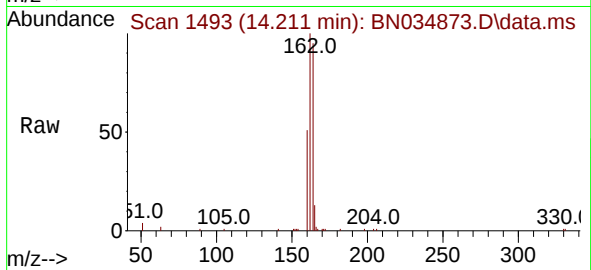




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.211 min Scan# 1493
Delta R.T. -0.011 min
Lab File: BN034873.D
Acq: 06 Nov 2024 13:46

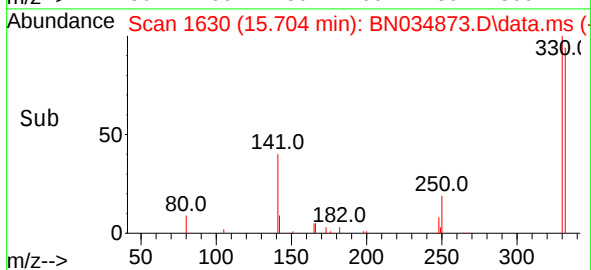
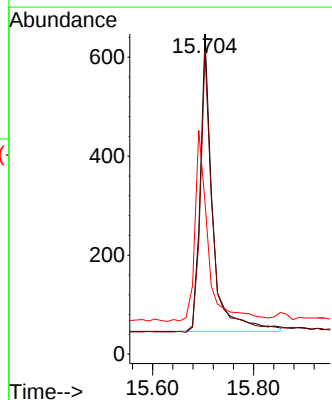
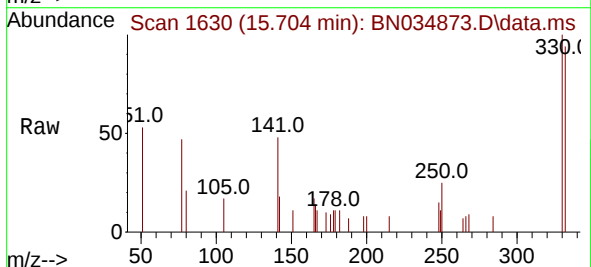
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

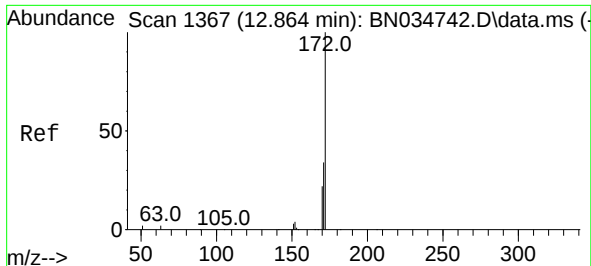
Tgt Ion:164 Resp: 11583
Ion Ratio Lower Upper
164 100
162 104.9 84.3 126.5
160 53.1 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.179 ng
RT: 15.704 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BN034873.D
Acq: 06 Nov 2024 13:46

Tgt Ion:330 Resp: 1022
Ion Ratio Lower Upper
330 100
332 95.2 77.8 116.6
141 68.8 41.0 61.4#





#15

2-Fluorobiphenyl

Concen: 0.366 ng

RT: 12.832 min Scan# 1466

Delta R.T. -0.011 min

Lab File: BN034873.D

Acq: 06 Nov 2024 13:46

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

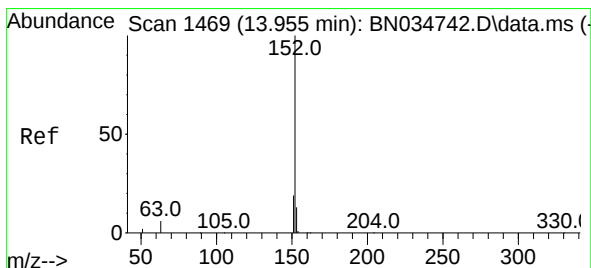
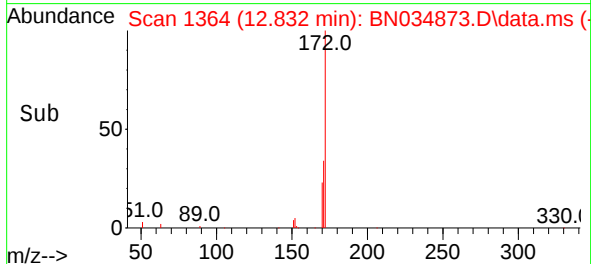
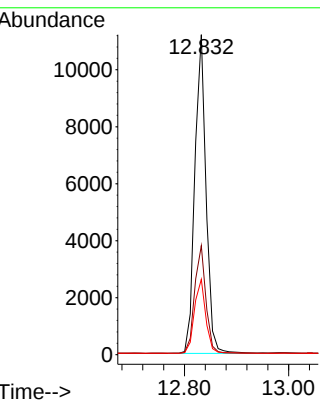
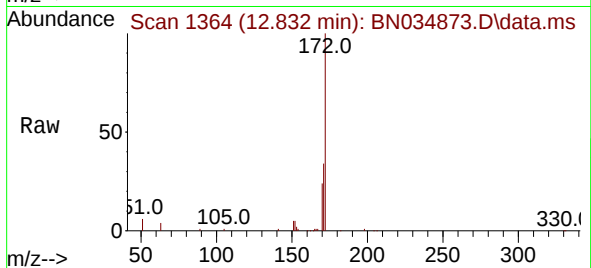
Tgt Ion:172 Resp: 16695

Ion Ratio Lower Upper

172 100

171 34.1 27.2 40.8

170 23.5 18.0 27.0



#16

Acenaphthylene

Concen: 0.097 ng

RT: 13.923 min Scan# 1466

Delta R.T. -0.011 min

Lab File: BN034873.D

Acq: 06 Nov 2024 13:46

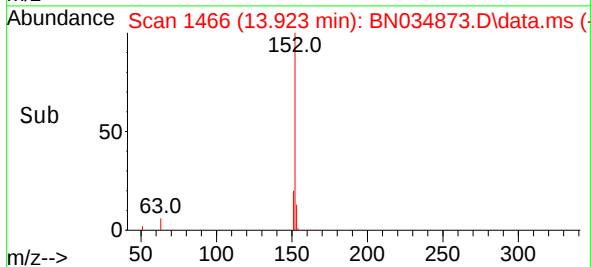
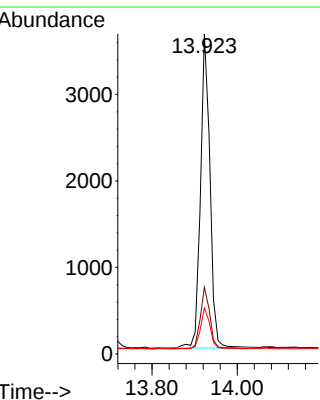
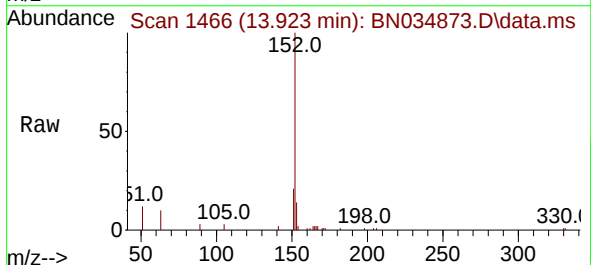
Tgt Ion:152 Resp: 5618

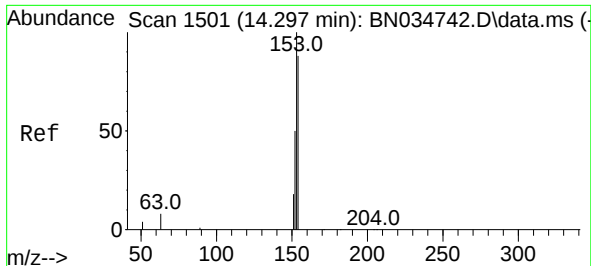
Ion Ratio Lower Upper

152 100

151 19.6 15.4 23.2

153 12.9 10.2 15.4

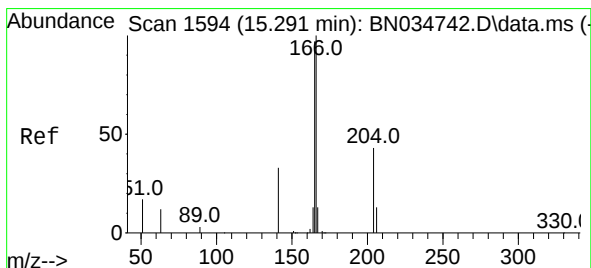
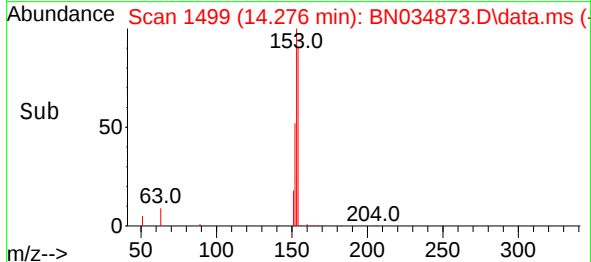
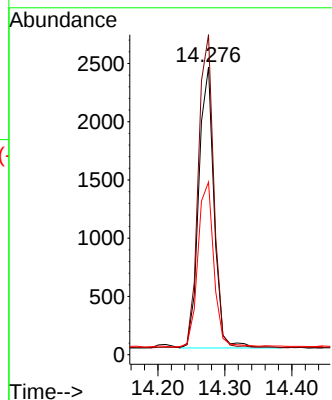
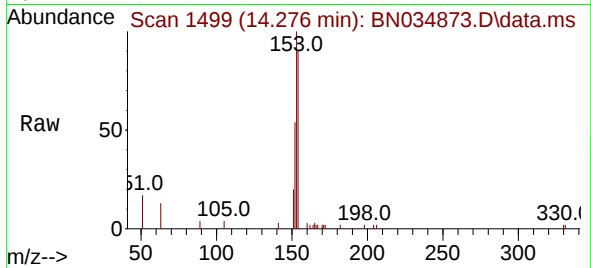




#17
Acenaphthene
Concen: 0.099 ng
RT: 14.276 min Scan# 1499
Delta R.T. -0.011 min
Lab File: BN034873.D
Acq: 06 Nov 2024 13:46

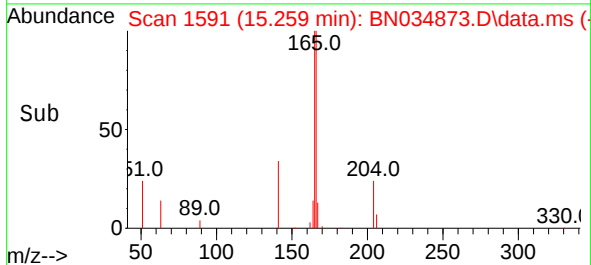
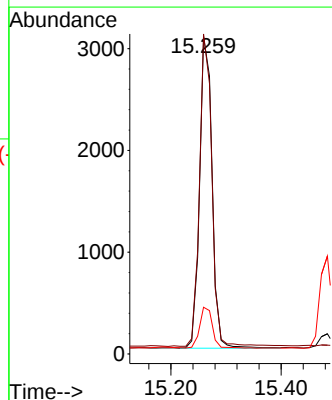
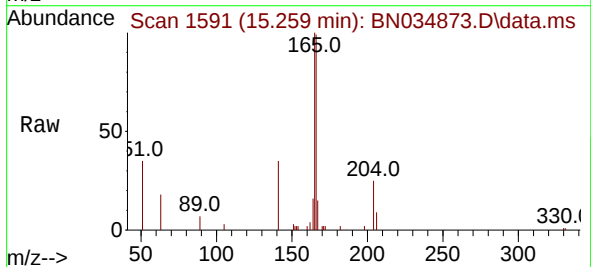
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

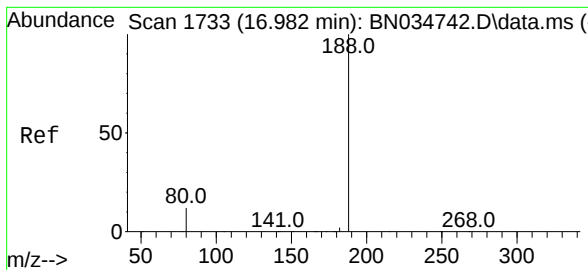
Tgt Ion:154 Resp: 3830
Ion Ratio Lower Upper
154 100
153 112.6 87.8 131.6
152 60.8 44.6 67.0



#18
Fluorene
Concen: 0.100 ng
RT: 15.259 min Scan# 1591
Delta R.T. -0.011 min
Lab File: BN034873.D
Acq: 06 Nov 2024 13:46

Tgt Ion:166 Resp: 4818
Ion Ratio Lower Upper
166 100
165 99.6 78.5 117.7
167 13.5 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.957 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN034873.D

Acq: 06 Nov 2024 13:46

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

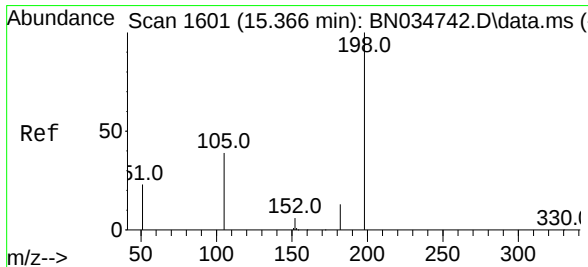
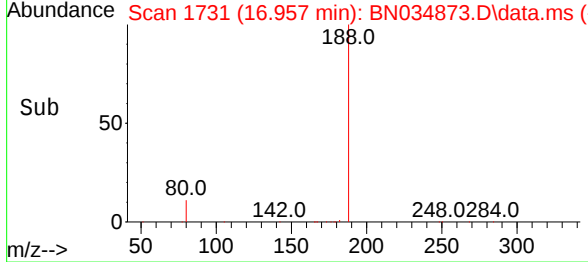
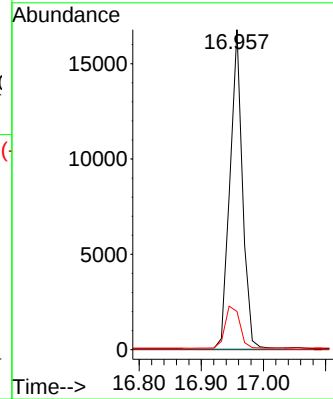
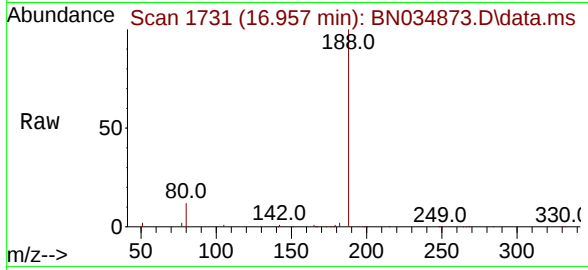
Tgt Ion:188 Resp: 23350

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.9 9.8 14.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.221 ng

RT: 15.345 min Scan# 1599

Delta R.T. -0.011 min

Lab File: BN034873.D

Acq: 06 Nov 2024 13:46

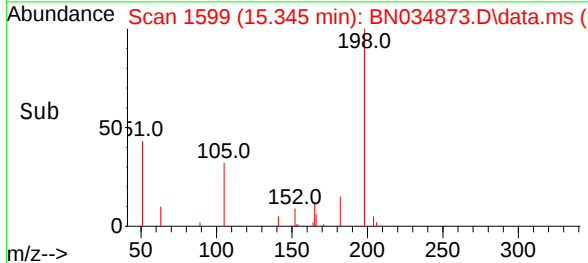
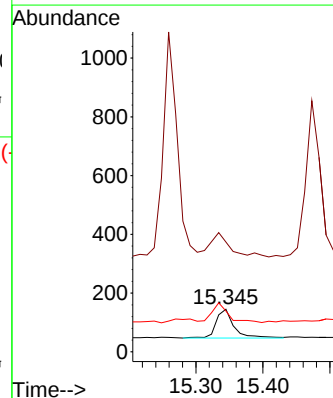
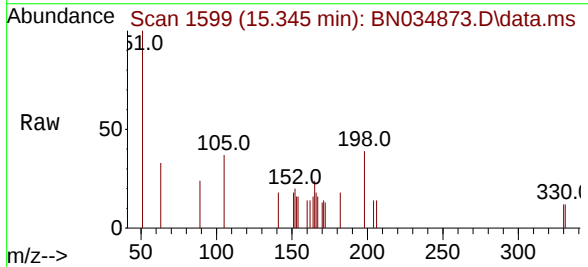
Tgt Ion:198 Resp: 182

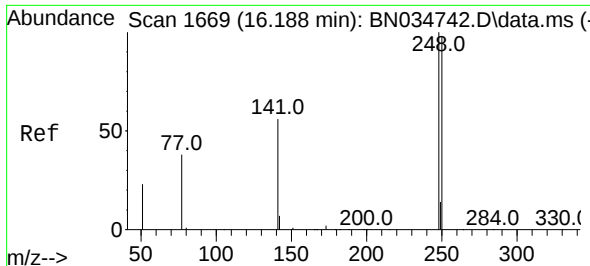
Ion Ratio Lower Upper

198 100

51 257.9 58.0 87.0#

105 95.9 49.1 73.7#

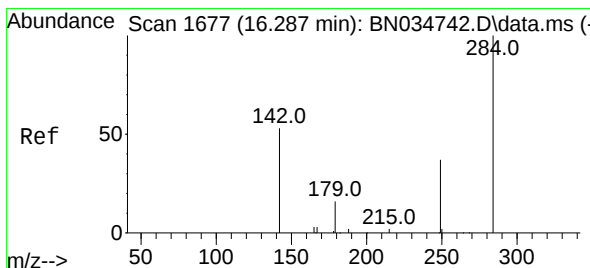
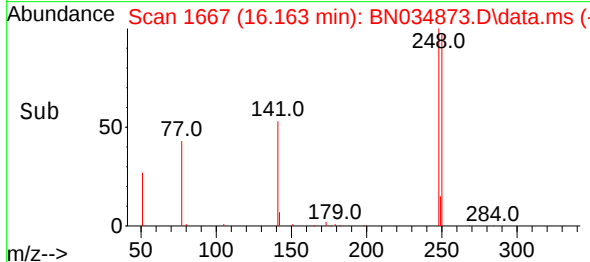
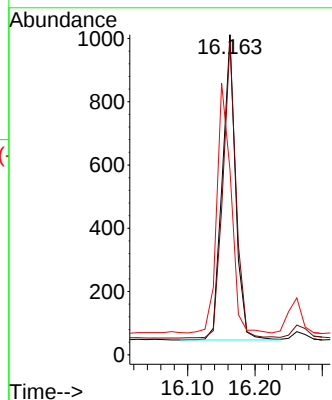
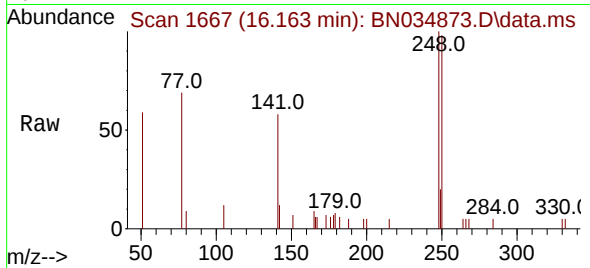




#21
4-Bromophenyl-phenylether
Concen: 0.098 ng
RT: 16.163 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BN034873.D
Acq: 06 Nov 2024 13:46

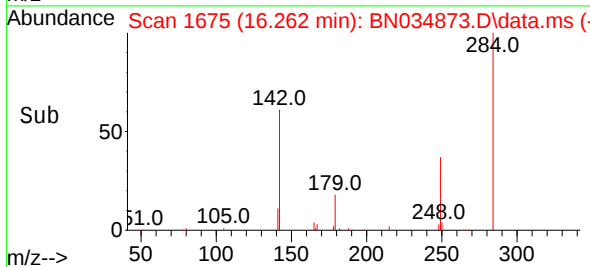
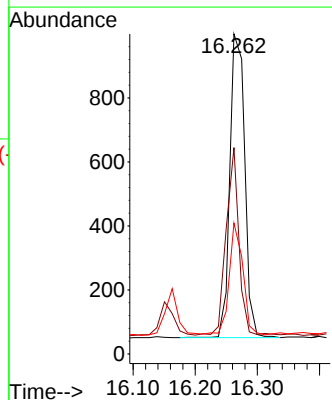
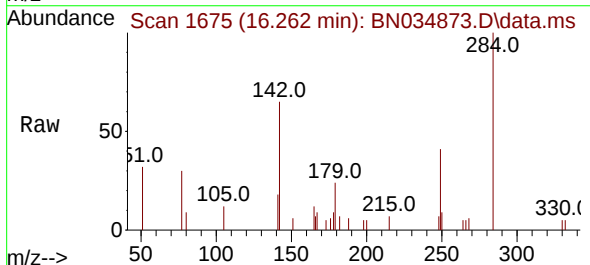
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

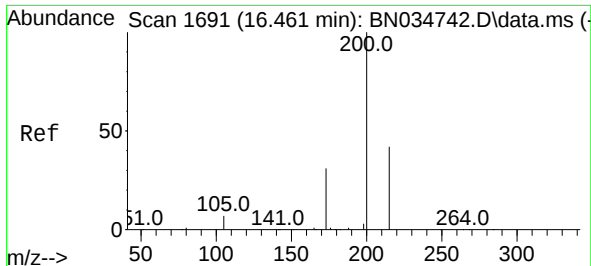
Tgt Ion:248 Resp: 1327
Ion Ratio Lower Upper
248 100
250 97.8 78.7 118.1
141 57.8 46.4 69.6



#22
Hexachlorobenzene
Concen: 0.104 ng
RT: 16.262 min Scan# 1675
Delta R.T. -0.012 min
Lab File: BN034873.D
Acq: 06 Nov 2024 13:46

Tgt Ion:284 Resp: 1574
Ion Ratio Lower Upper
284 100
142 52.5 35.4 53.0
249 33.9 25.7 38.5

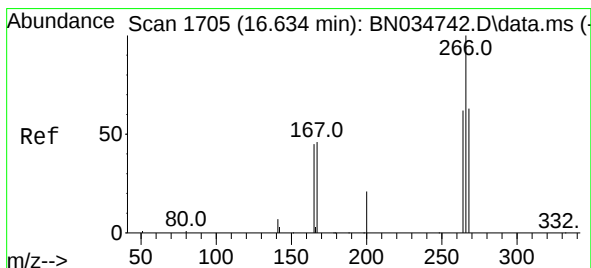
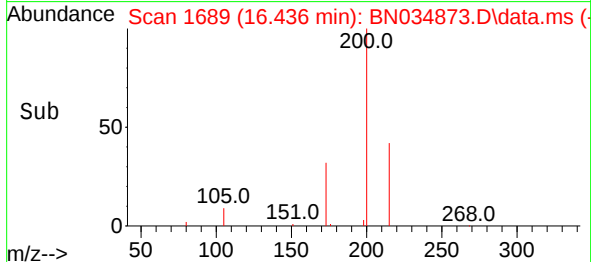
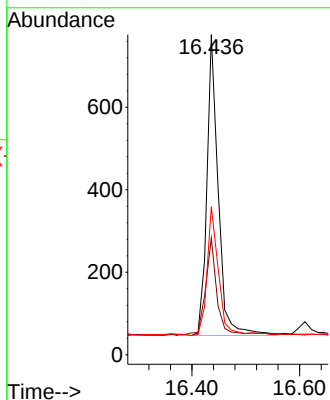
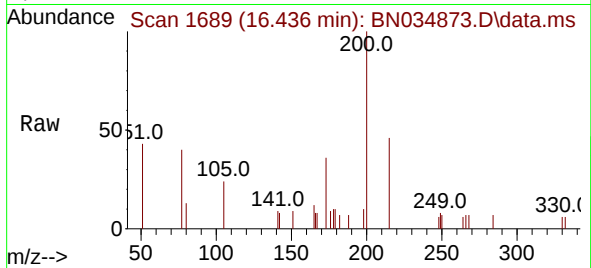




#23
Atrazine
Concen: 0.092 ng
RT: 16.436 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN034873.D
Acq: 06 Nov 2024 13:46

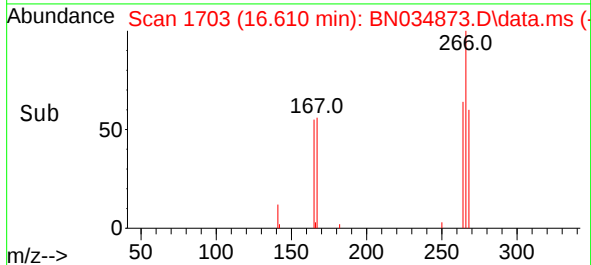
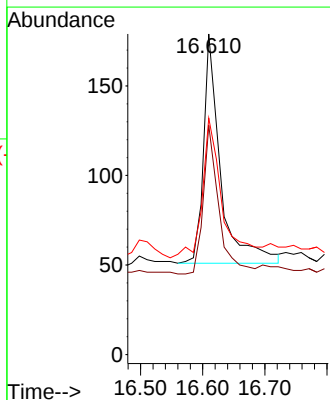
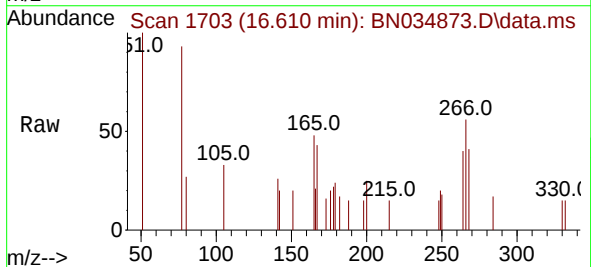
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

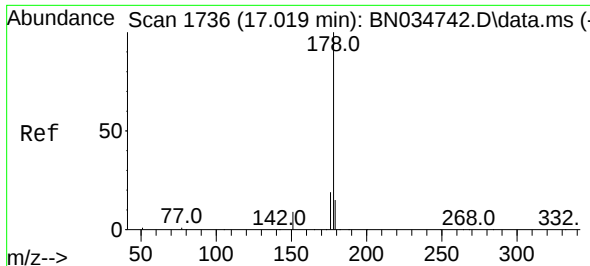
Tgt Ion:200 Resp: 1066
Ion Ratio Lower Upper
200 100
173 36.5 25.8 38.6
215 46.3 34.2 51.4



#24
Pentachlorophenol
Concen: 0.038 ng
RT: 16.610 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BN034873.D
Acq: 06 Nov 2024 13:46

Tgt Ion:266 Resp: 245
Ion Ratio Lower Upper
266 100
264 58.8 48.7 73.1
268 70.2 50.2 75.4

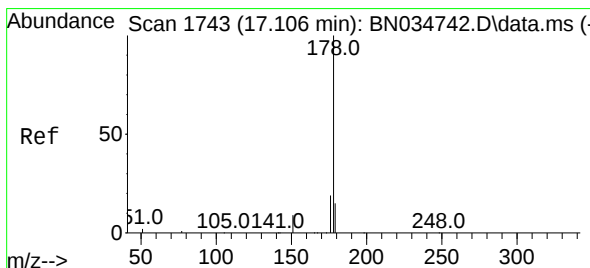
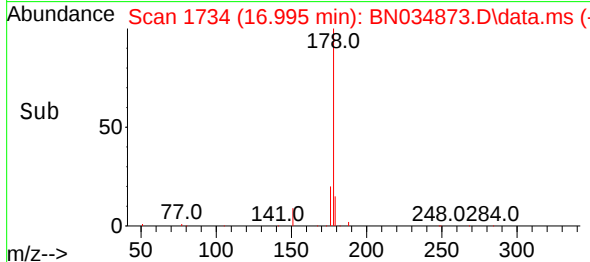
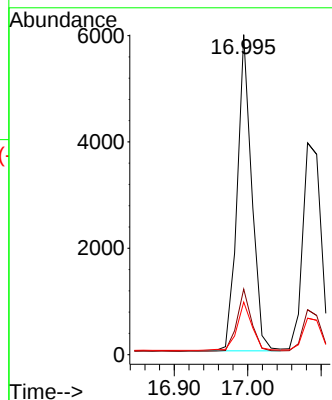
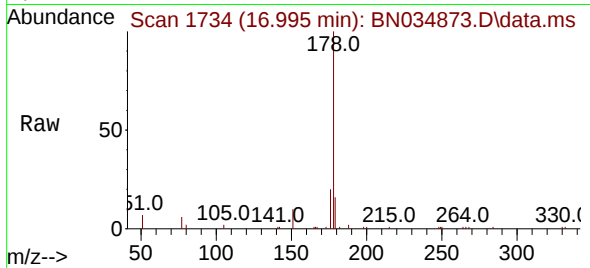




#25
Phenanthrene
Concen: 0.119 ng
RT: 16.995 min Scan# 1740
Delta R.T. -0.012 min
Lab File: BN034873.D
Acq: 06 Nov 2024 13:46

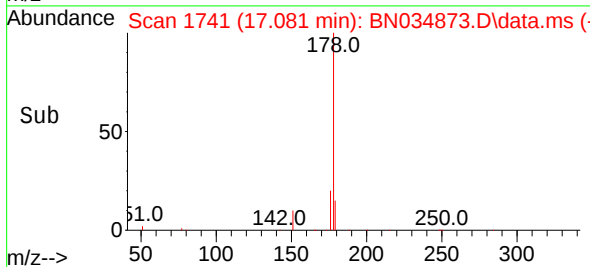
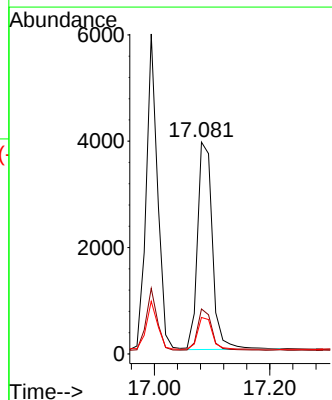
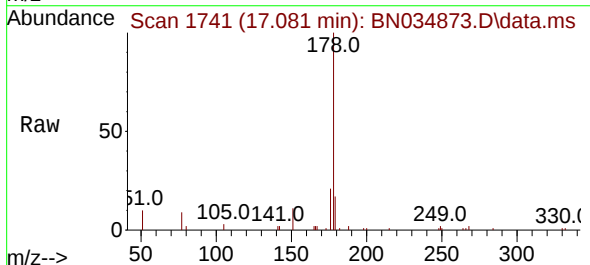
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

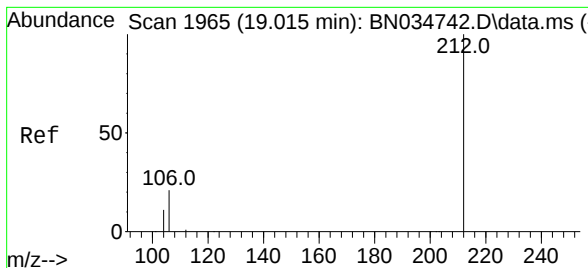
Tgt Ion:178 Resp: 8147
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.6 12.2 18.4



#26
Anthracene
Concen: 0.109 ng
RT: 17.081 min Scan# 1741
Delta R.T. -0.012 min
Lab File: BN034873.D
Acq: 06 Nov 2024 13:46

Tgt Ion:178 Resp: 7006
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.6
179 15.6 12.2 18.2





#27

Fluoranthene-d10

Concen: 0.568 ng

RT: 18.992 min Scan# 1965

Delta R.T. -0.009 min

Lab File: BN034873.D

Acq: 06 Nov 2024 13:46

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

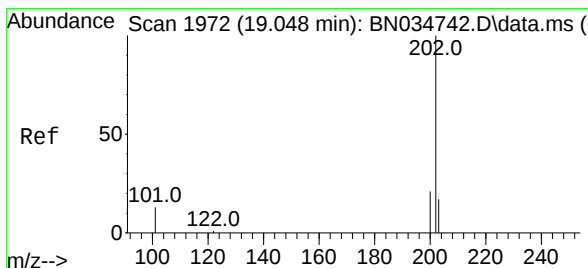
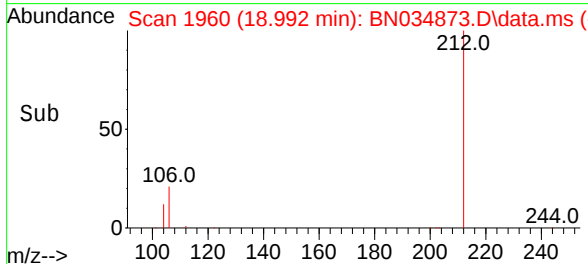
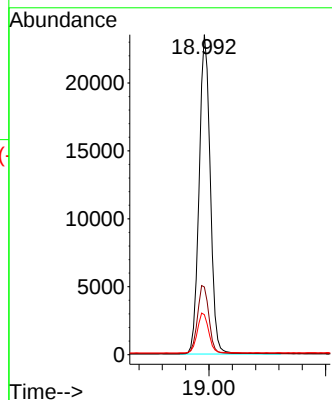
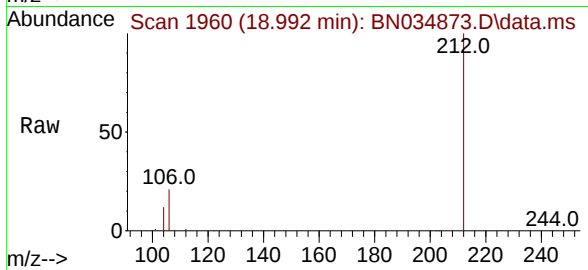
Tgt Ion:212 Resp: 31130

Ion Ratio Lower Upper

212 100

106 21.9 16.1 24.1

104 12.7 9.2 13.8



#28

Fluoranthene

Concen: 0.114 ng

RT: 19.024 min Scan# 1967

Delta R.T. -0.009 min

Lab File: BN034873.D

Acq: 06 Nov 2024 13:46

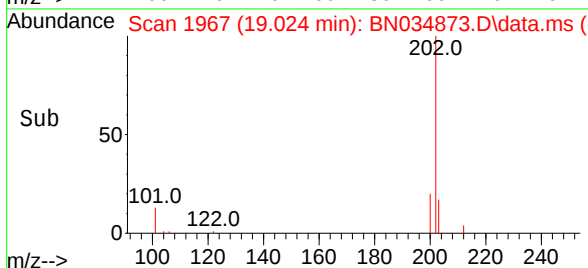
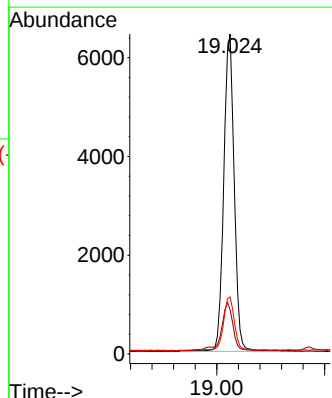
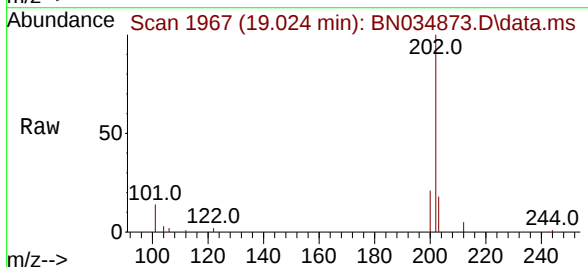
Tgt Ion:202 Resp: 8648

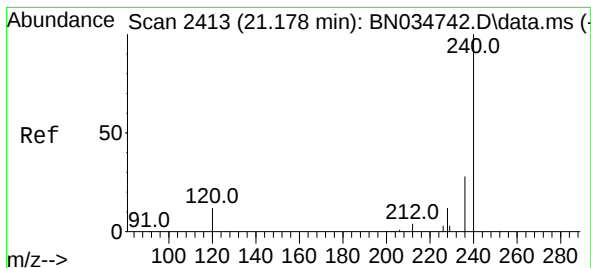
Ion Ratio Lower Upper

202 100

101 16.5 11.4 17.0

203 17.2 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.151 min Scan# 2410

Delta R.T. -0.009 min

Lab File: BN034873.D

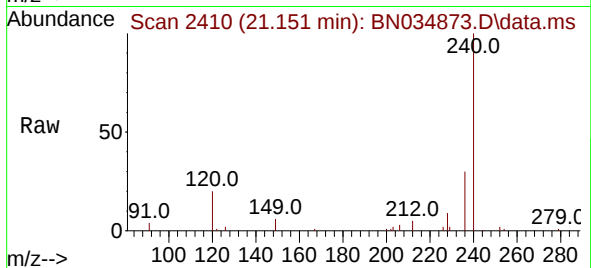
Acq: 06 Nov 2024 13:46

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024



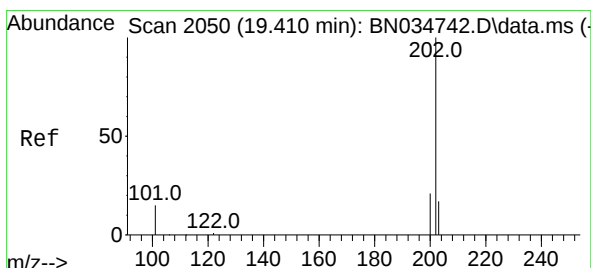
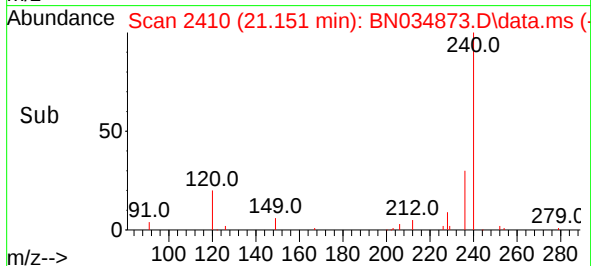
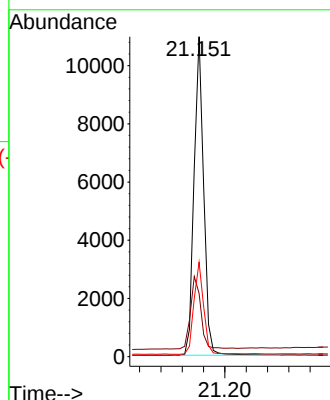
Tgt Ion:240 Resp: 13735

Ion Ratio Lower Upper

240 100

120 19.8 11.5 17.3#

236 29.5 23.2 34.8



#30

Pyrene

Concen: 0.117 ng

RT: 19.387 min Scan# 2045

Delta R.T. -0.009 min

Lab File: BN034873.D

Acq: 06 Nov 2024 13:46

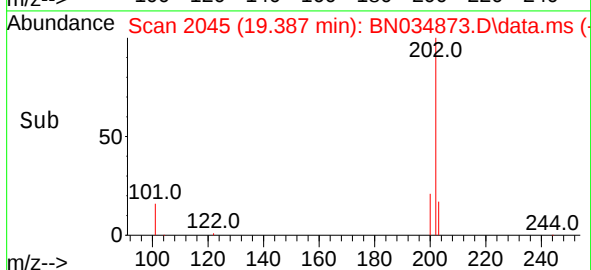
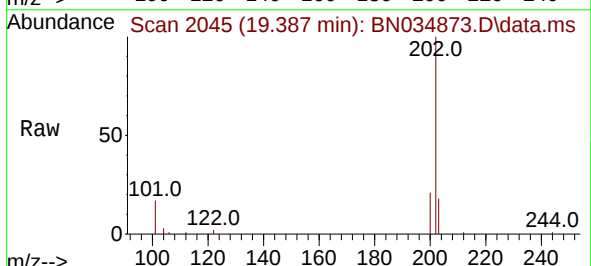
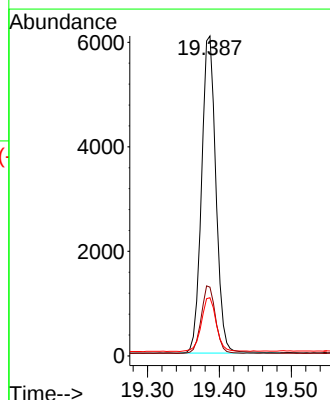
Tgt Ion:202 Resp: 8401

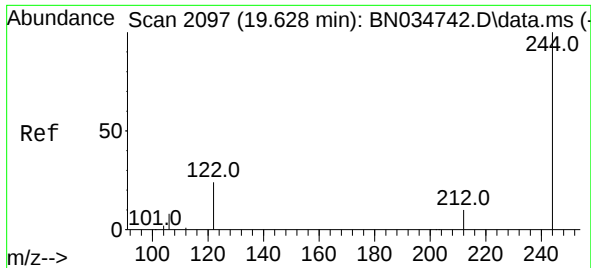
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

203 17.6 14.2 21.2

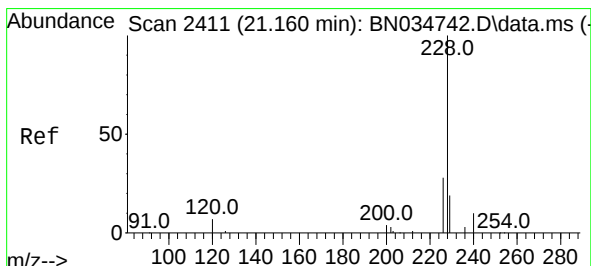
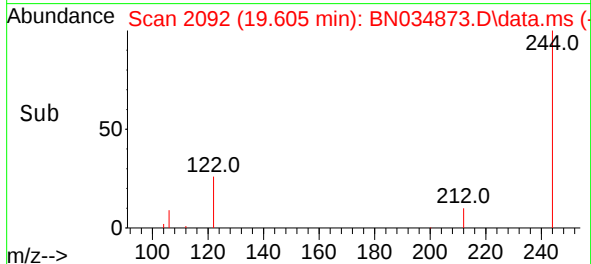
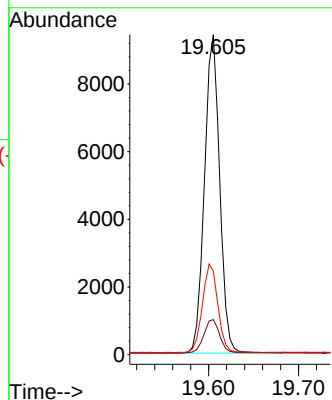
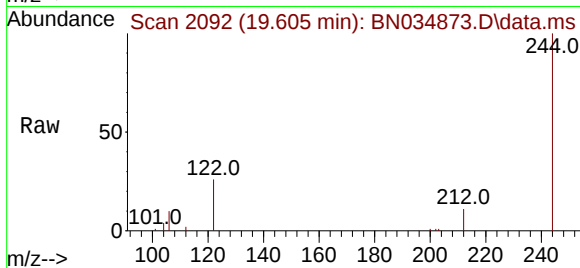




#31
 Terphenyl-d14
 Concen: 0.376 ng
 RT: 19.605 min Scan# 21081
 Delta R.T. -0.009 min
 Lab File: BN034873.D
 Acq: 06 Nov 2024 13:46

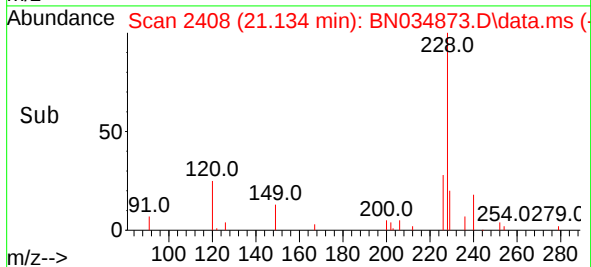
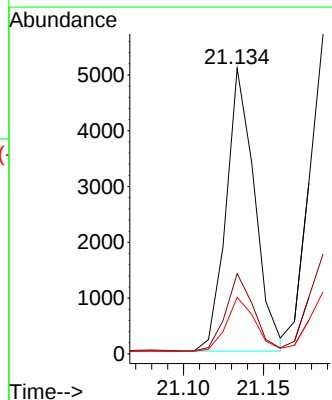
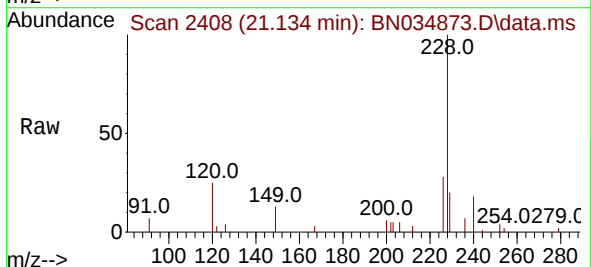
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

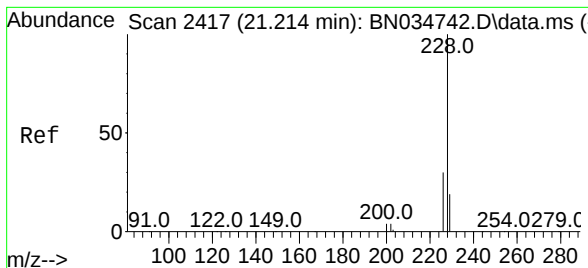
Tgt Ion:244	Resp:	11081
Ion Ratio	Lower	Upper
244	100	
212	11.0	8.2 12.4
122	26.1	19.8 29.6



#32
 Benzo(a)anthracene
 Concen: 0.115 ng
 RT: 21.134 min Scan# 2408
 Delta R.T. -0.009 min
 Lab File: BN034873.D
 Acq: 06 Nov 2024 13:46

Tgt Ion:228	Resp:	6265
Ion Ratio	Lower	Upper
228	100	
226	28.1	22.6 33.8
229	19.9	15.7 23.5





#33

Chrysene

Concen: 0.127 ng

RT: 21.187 min Scan# 2417

Delta R.T. -0.009 min

Lab File: BN034873.D

Acq: 06 Nov 2024 13:46

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

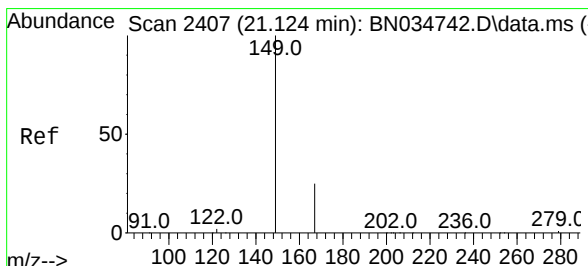
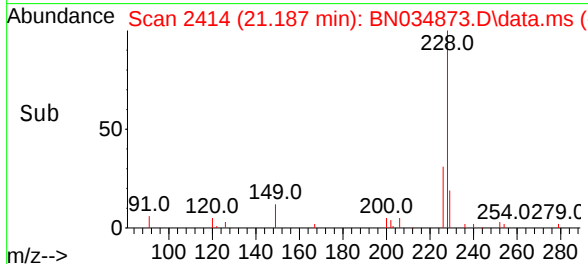
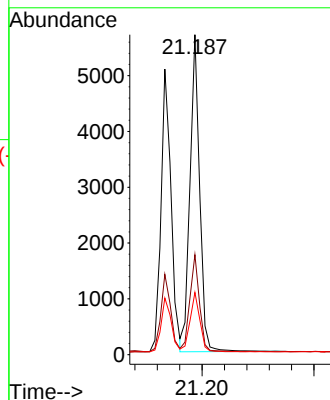
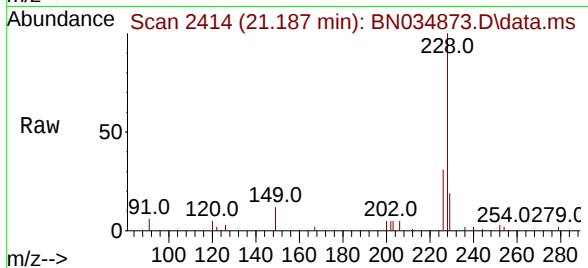
Tgt Ion:228 Resp: 6818

Ion Ratio Lower Upper

228 100

226 31.3 24.4 36.6

229 19.4 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.082 ng

RT: 21.098 min Scan# 2404

Delta R.T. -0.009 min

Lab File: BN034873.D

Acq: 06 Nov 2024 13:46

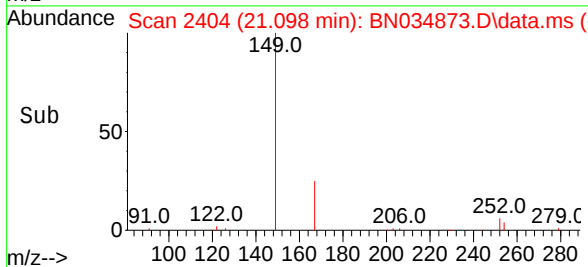
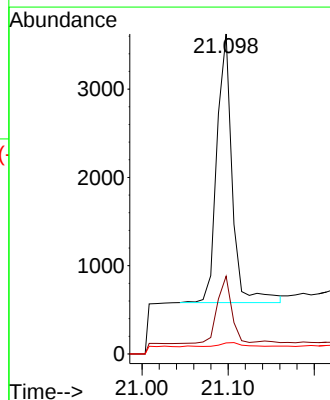
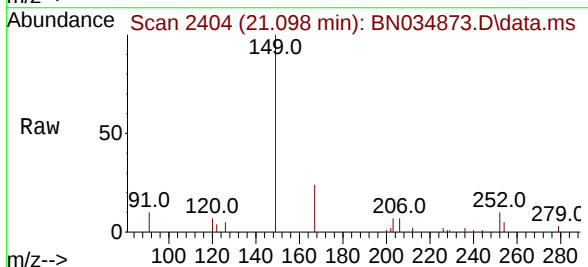
Tgt Ion:149 Resp: 3760

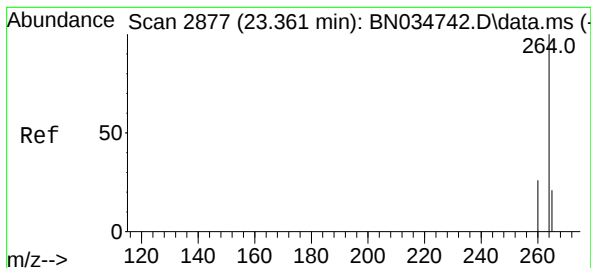
Ion Ratio Lower Upper

149 100

167 23.4 20.6 30.8

279 2.7 1.5 2.3#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.323 min Scan# 21

Delta R.T. -0.012 min

Lab File: BN034873.D

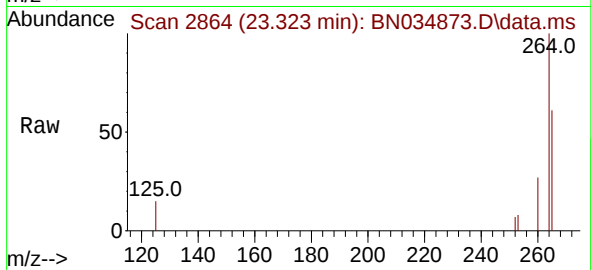
Acq: 06 Nov 2024 13:46

Instrument :

BNA_N

ClientSampleId :

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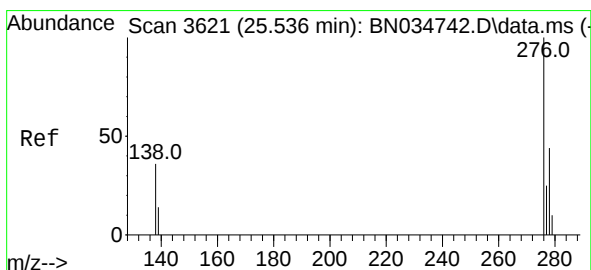
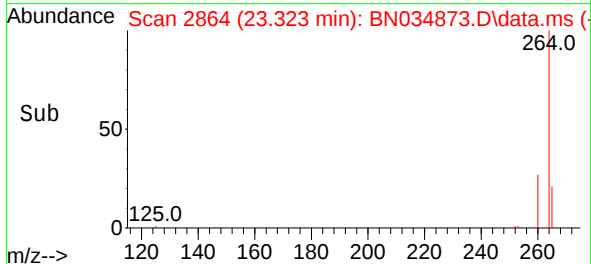
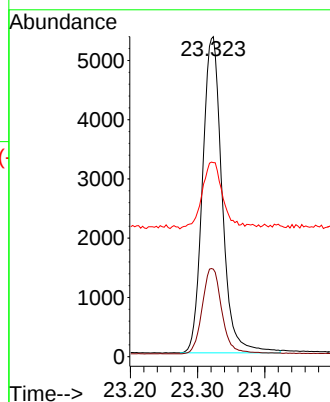
Tgt Ion:264 Resp: 10782

Ion Ratio Lower Upper

264 100

260 27.3 21.5 32.3

265 60.7 47.5 71.3



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.132 ng

RT: 25.478 min Scan# 3601

Delta R.T. -0.026 min

Lab File: BN034873.D

Acq: 06 Nov 2024 13:46

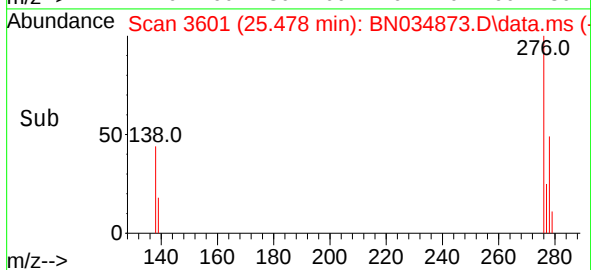
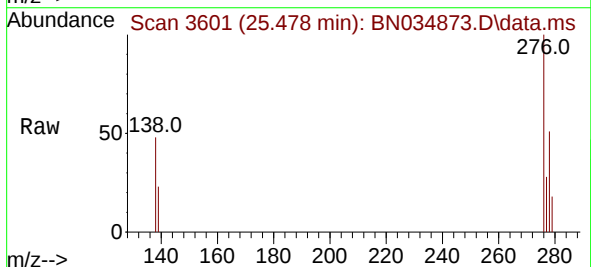
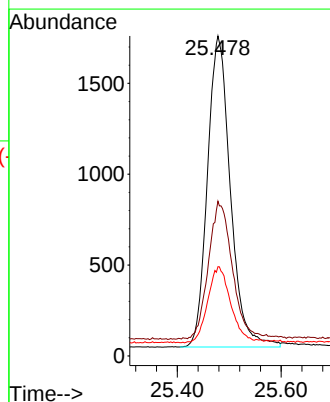
Tgt Ion:276 Resp: 5247

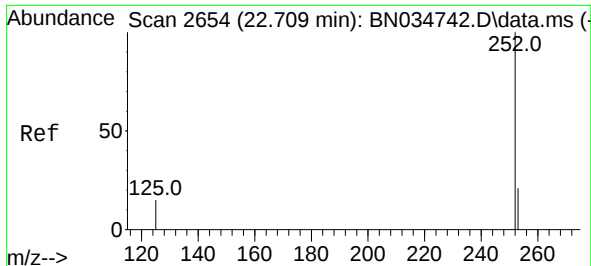
Ion Ratio Lower Upper

276 100

138 45.5 31.5 47.3

277 24.4 19.7 29.5





#37

Benzo(b)fluoranthene

Concen: 0.135 ng

RT: 22.674 min Scan# 2642

Delta R.T. -0.015 min

Lab File: BN034873.D

Acq: 06 Nov 2024 13:46

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

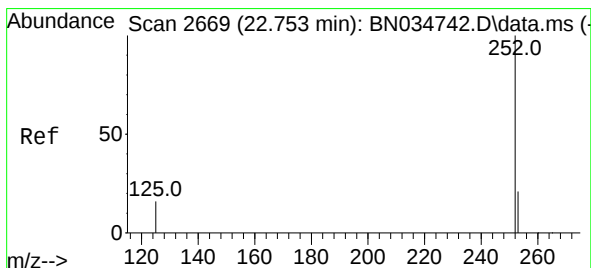
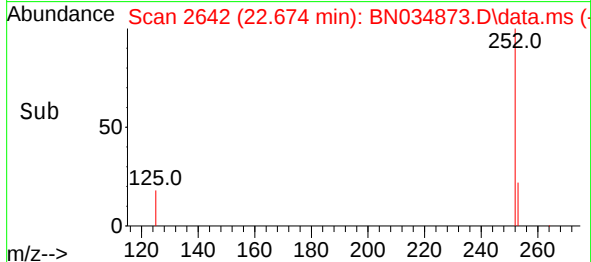
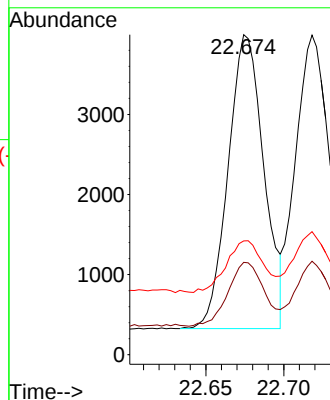
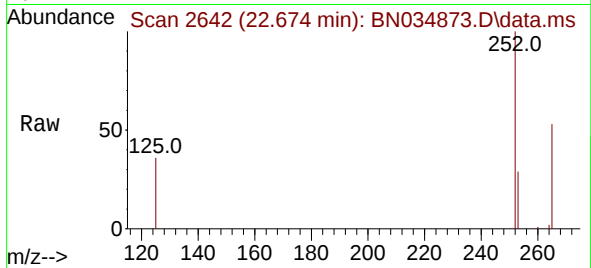
Tgt Ion:252 Resp: 5870

Ion Ratio Lower Upper

252 100

253 28.8 19.7 29.5

125 35.6 17.1 25.7#



#38

Benzo(k)fluoranthene

Concen: 0.137 ng

RT: 22.718 min Scan# 2657

Delta R.T. -0.012 min

Lab File: BN034873.D

Acq: 06 Nov 2024 13:46

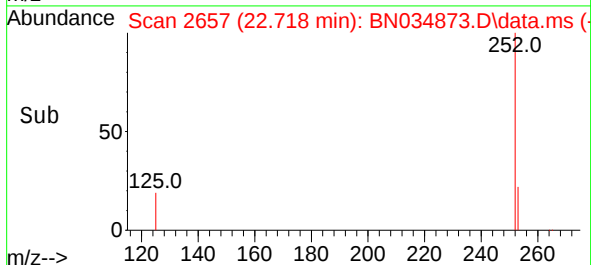
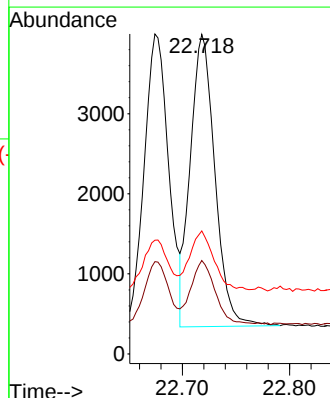
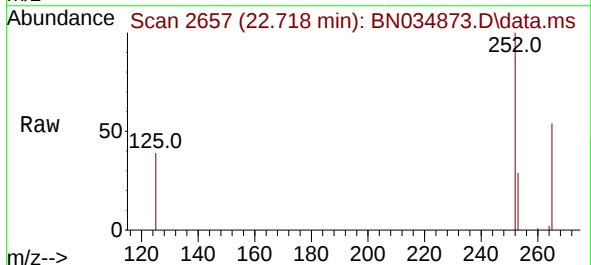
Tgt Ion:252 Resp: 5812

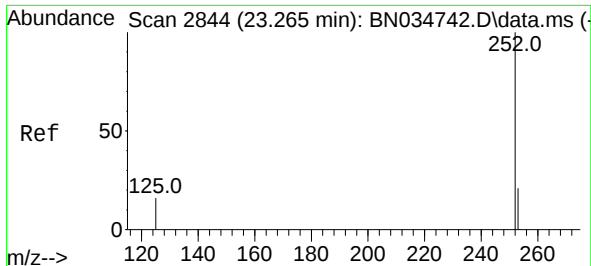
Ion Ratio Lower Upper

252 100

253 29.2 19.8 29.6

125 38.5 18.2 27.2#





#39

Benzo(a)pyrene

Concen: 0.122 ng

RT: 23.227 min Scan# 21

Delta R.T. -0.015 min

Lab File: BN034873.D

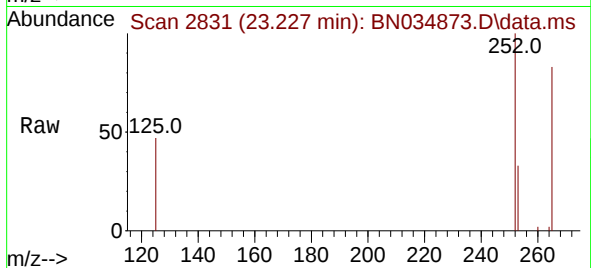
Acq: 06 Nov 2024 13:46

Instrument :

BNA_N

ClientSampleId :

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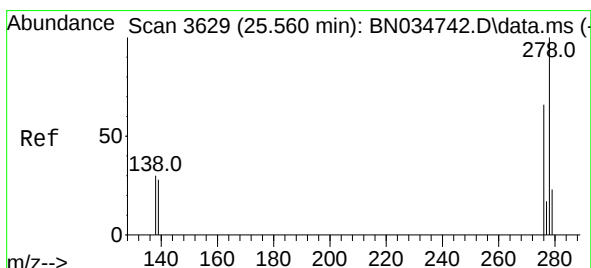
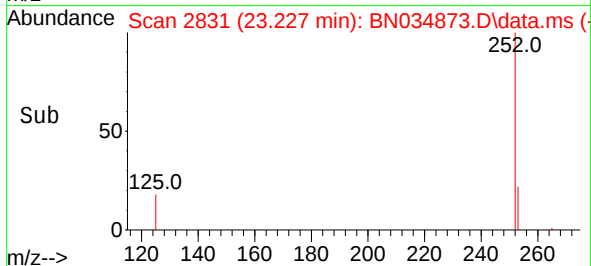
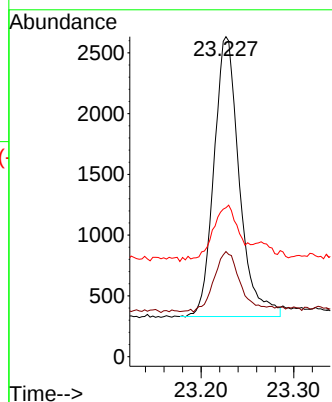
Tgt Ion:252 Resp: 4367

Ion Ratio Lower Upper

252 100

253 32.9 20.7 31.1#

125 46.6 20.3 30.5#



#40

Dibenzo(a,h)anthracene

Concen: 0.129 ng

RT: 25.493 min Scan# 3606

Delta R.T. -0.032 min

Lab File: BN034873.D

Acq: 06 Nov 2024 13:46

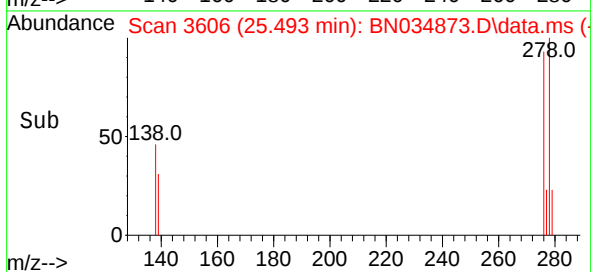
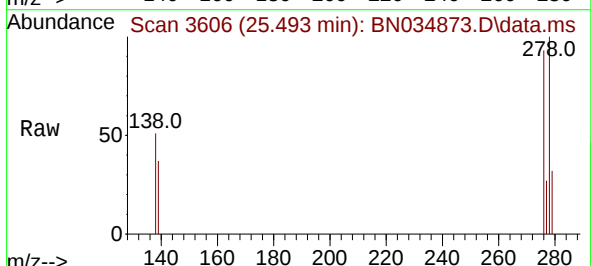
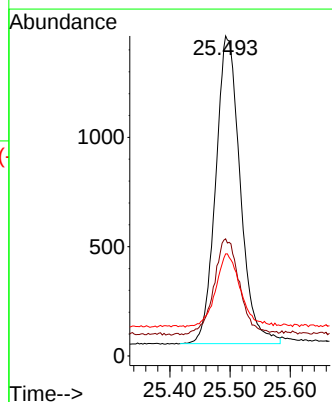
Tgt Ion:278 Resp: 3980

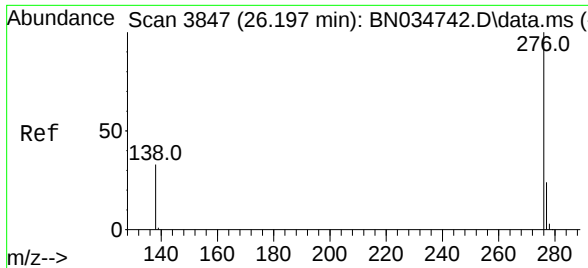
Ion Ratio Lower Upper

278 100

139 36.6 24.9 37.3

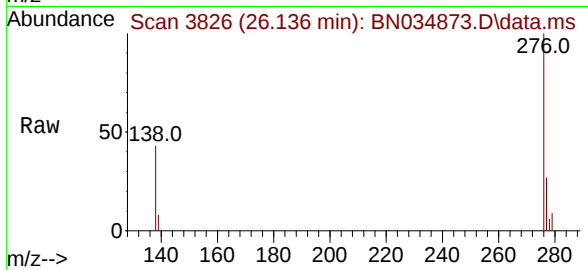
279 31.9 21.0 31.4#





#41
 Benzo(g,h,i)perylene
 Concen: 0.134 ng
 RT: 26.136 min Scan# 3826
 Delta R.T. -0.029 min
 Lab File: BN034873.D
 Acq: 06 Nov 2024 13:46

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



Tgt Ion:	276	Resp:	4468
Ion	Ratio	Lower	Upper
276	100		
277	27.3	20.2	30.2
138	43.2	28.7	43.1#

