

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081324\
 Data File : BN033361.D
 Acq On : 13 Aug 2024 11:50
 Operator : MA/JU
 Sample : P3390-03
 Misc : MDL-MDL-SOIL-0.2ng
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

Quant Time: Aug 13 12:24:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 12 01:09:50 2024
 Response via : Initial Calibration

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

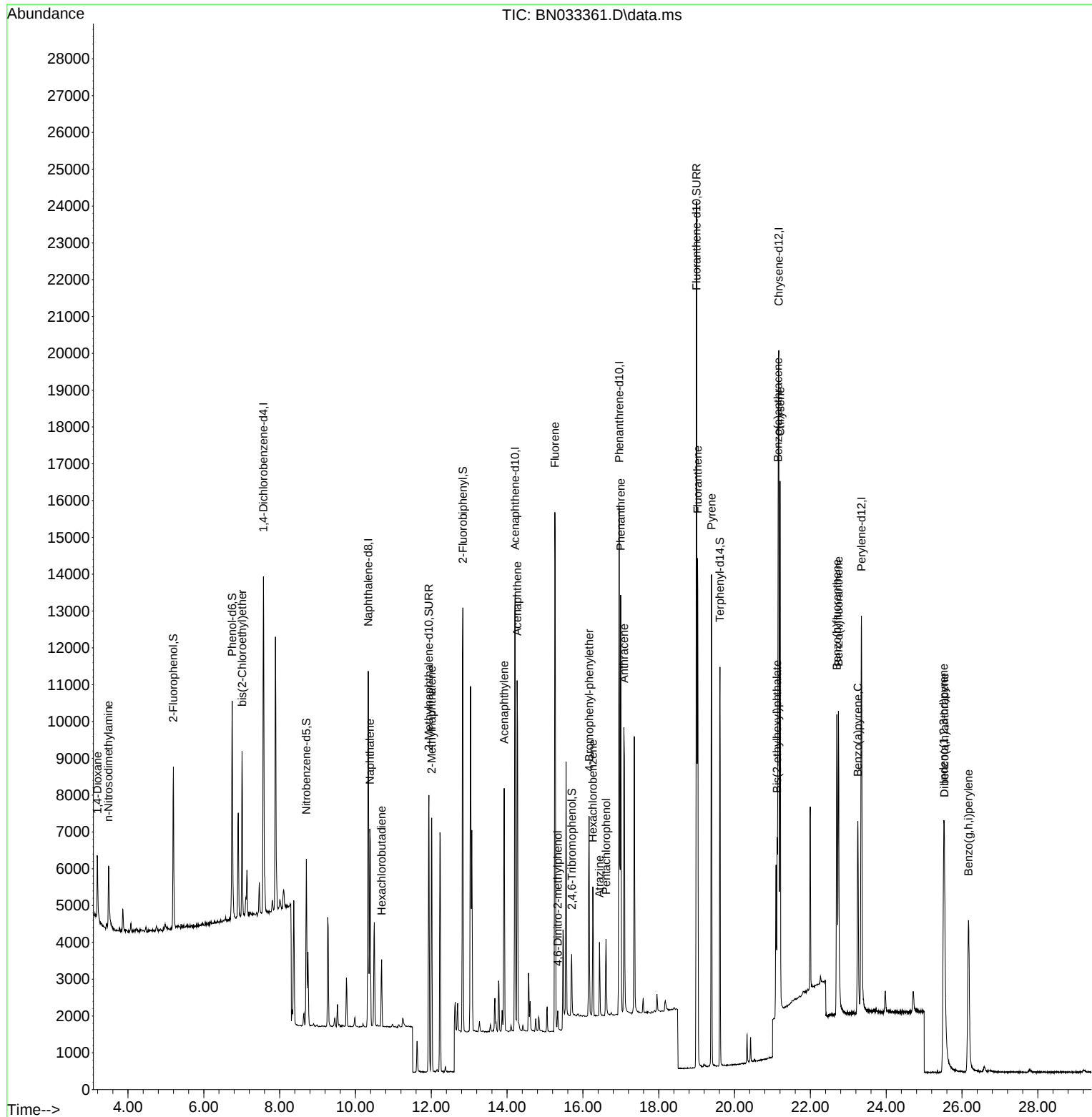
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	4331	0.400	ng	0.00
7) Naphthalene-d8	10.338	136	11781	0.400	ng	# 0.00
13) Acenaphthene-d10	14.212	164	6912	0.400	ng	0.00
19) Phenanthrene-d10	16.958	188	16982	0.400	ng	# 0.00
29) Chrysene-d12	21.166	240	13145	0.400	ng	0.00
35) Perylene-d12	23.346	264	13803	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.197	112	3429	0.287	ng	0.00
5) Phenol-d6	6.749	99	5039	0.312	ng	0.00
8) Nitrobenzene-d5	8.705	82	3266	0.368	ng	0.00
11) 2-Methylnaphthalene-d10	11.936	152	9889	0.545	ng	0.00
14) 2,4,6-Tribromophenol	15.705	330	973	0.274	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	10192	0.360	ng	0.00
27) Fluoranthene-d10	18.998	212	24958	0.550	ng	0.00
31) Terphenyl-d14	19.615	244	9269	0.373	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	1193	0.248	ng	95
3) n-Nitrosodimethylamine	3.485	42	1367	0.221	ng	91
6) bis(2-Chloroethyl)ether	7.009	93	2915	0.223	ng	96
9) Naphthalene	10.381	128	7188	0.221	ng	98
10) Hexachlorobutadiene	10.690	225	1357	0.219	ng	# 96
12) 2-Methylnaphthalene	12.012	142	4760	0.217	ng	98
16) Acenaphthylene	13.924	152	6846	0.212	ng	99
17) Acenaphthene	14.266	154	4720	0.213	ng	97
18) Fluorene	15.260	166	6227	0.213	ng	99
20) 4,6-Dinitro-2-methylph...	15.335	198	375	0.182	ng	# 52
21) 4-Bromophenyl-phenylether	16.164	248	2041	0.201	ng	# 83
22) Hexachlorobenzene	16.263	284	2426	0.213	ng	95
23) Atrazine	16.437	200	1446	0.179	ng	# 90
24) Pentachlorophenol	16.611	266	958	0.208	ng	97
25) Phenanthrene	16.996	178	10872	0.222	ng	99
26) Anthracene	17.082	178	9330	0.215	ng	100
28) Fluoranthene	19.026	202	12124	0.201	ng	99
30) Pyrene	19.392	202	11868	0.227	ng	100
32) Benzo(a)anthracene	21.148	228	10020	0.204	ng	98
33) Chrysene	21.202	228	11197	0.227	ng	100
34) Bis(2-ethylhexyl)phtha...	21.121	149	4540	0.203	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.518	276	9764	0.171	ng	96
37) Benzo(b)fluoranthene	22.700	252	10199	0.196	ng	# 95
38) Benzo(k)fluoranthene	22.741	252	10689	0.202	ng	# 94
39) Benzo(a)pyrene	23.253	252	7723	0.177	ng	# 90
40) Dibenzo(a,h)anthracene	25.536	278	7779	0.173	ng	93
41) Benzo(g,h,i)perylene	26.170	276	8607	0.172	ng	95

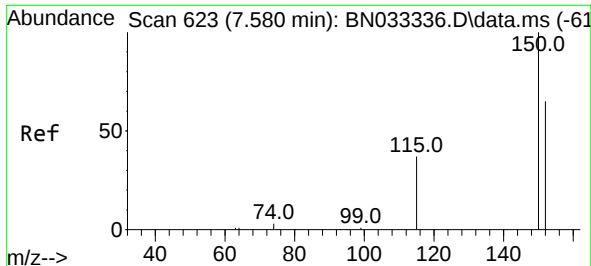
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081324\
Data File : BN033361.D
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Misc : MDL-MDL-SOIL-0.2ng
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Instrument :
BNA_N
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MDL-SOIL-03-QT3-2024

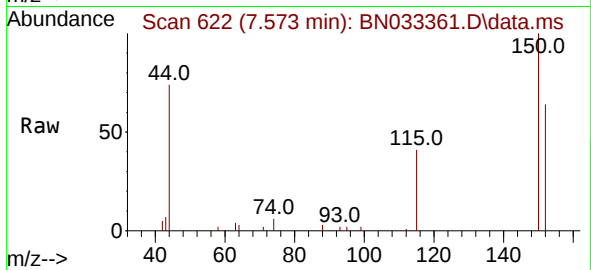
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 12 01:09:50 2024
Response via : Initial Calibration



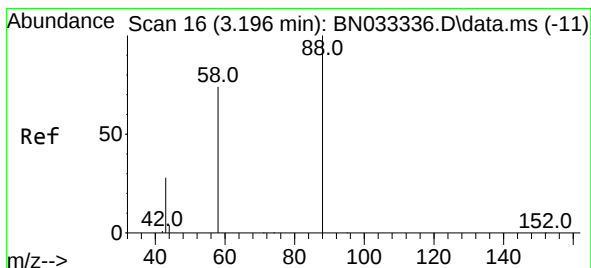
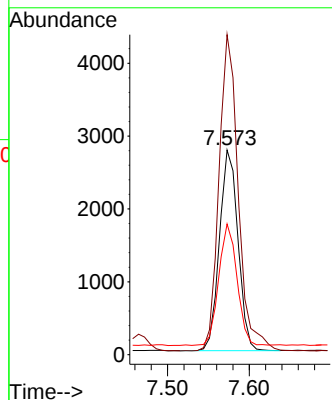
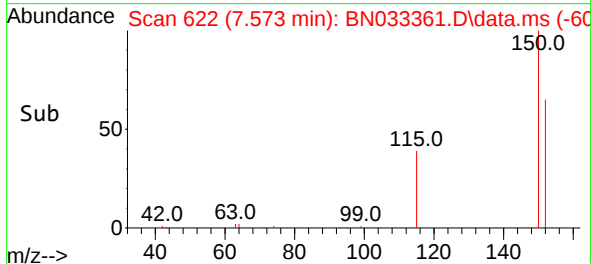


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.573 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033361.D
 Acq: 13 Aug 2024 11:50

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

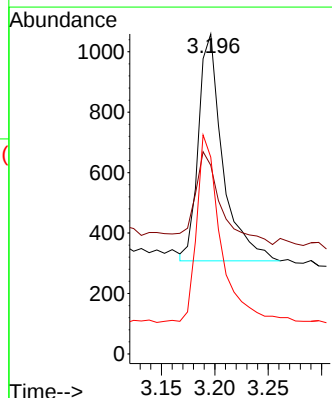
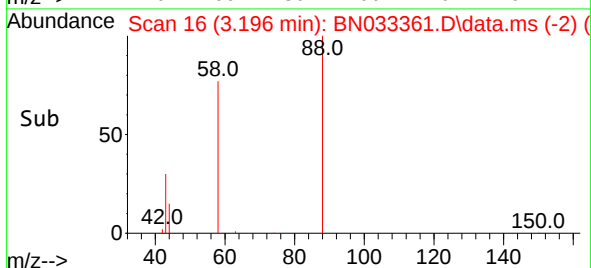
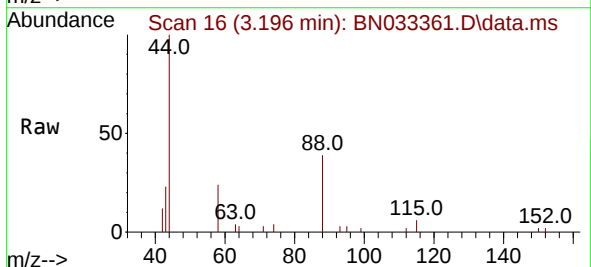


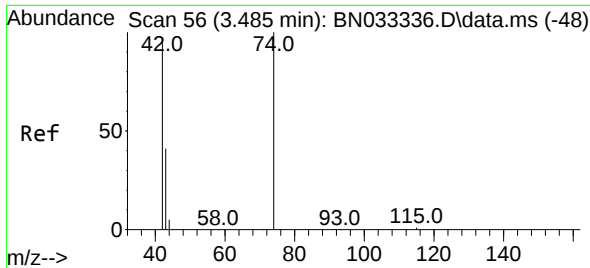
Tgt Ion:152 Resp: 4331
 Ion Ratio Lower Upper
 152 100
 150 156.4 122.3 183.5
 115 63.9 48.8 73.2



#2
 1,4-Dioxane
 Concen: 0.248 ng
 RT: 3.196 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: BN033361.D
 Acq: 13 Aug 2024 11:50

Tgt Ion: 88 Resp: 1193
 Ion Ratio Lower Upper
 88 100
 43 44.5 30.6 46.0
 58 82.2 64.5 96.7

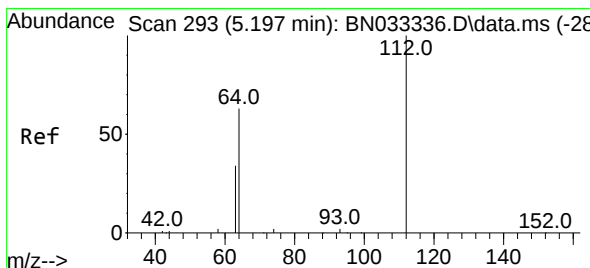
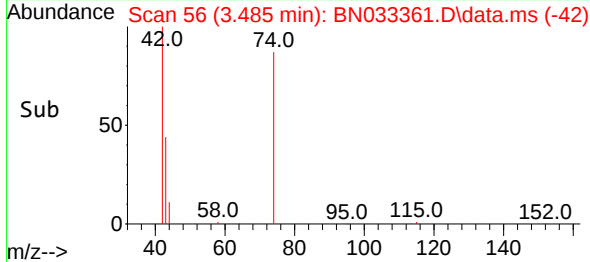
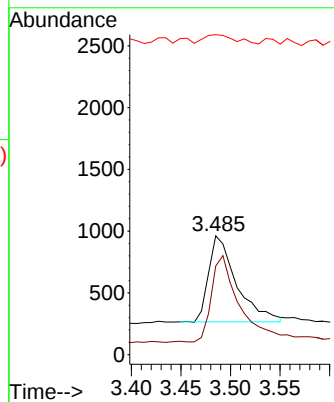
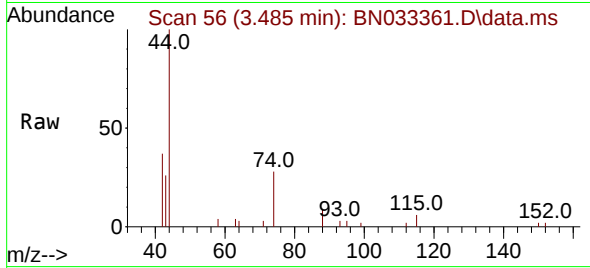




#3
n-Nitrosodimethylamine
Concen: 0.221 ng
RT: 3.485 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

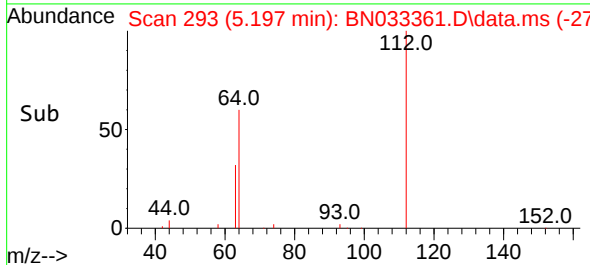
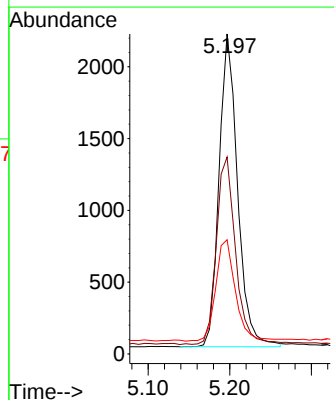
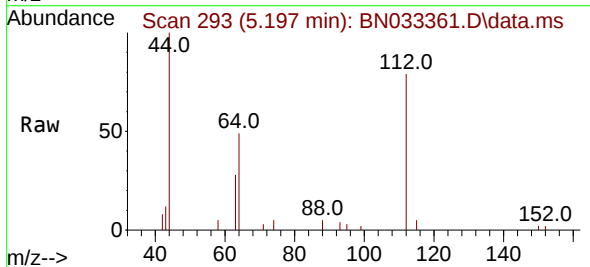
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2024

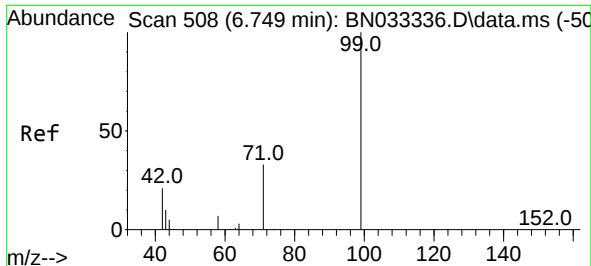
Tgt Ion: 42 Resp: 1367
Ion Ratio Lower Upper
42 100
74 101.2 89.0 133.6
44 11.7 11.0 16.4



#4
2-Fluorophenol
Concen: 0.287 ng
RT: 5.197 min Scan# 293
Delta R.T. 0.000 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

Tgt Ion: 112 Resp: 3429
Ion Ratio Lower Upper
112 100
64 61.8 48.1 72.1
63 34.5 25.4 38.2

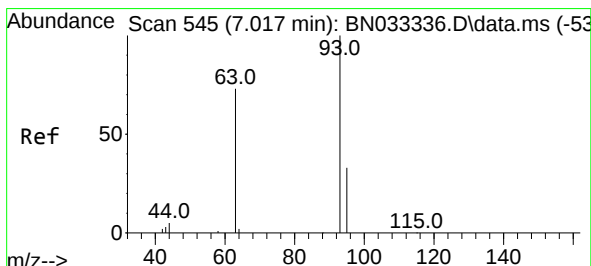
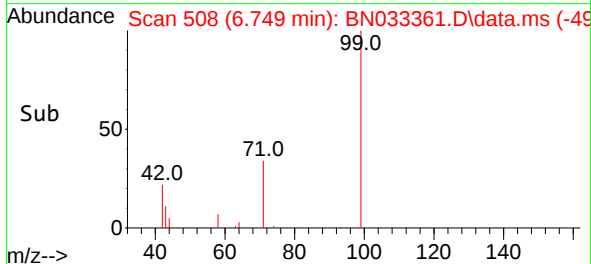
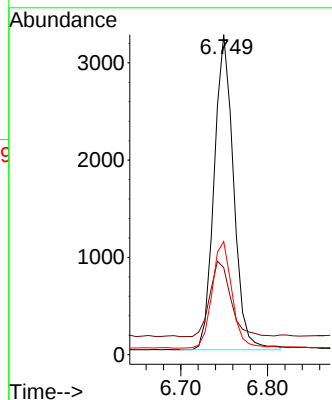
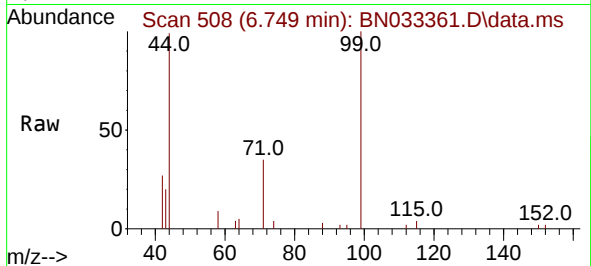




#5
Phenol-d6
Concen: 0.312 ng
RT: 6.749 min Scan# 508
Delta R.T. 0.000 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

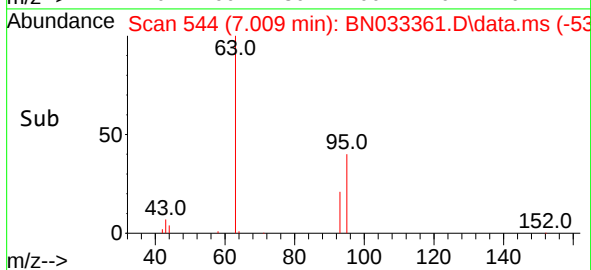
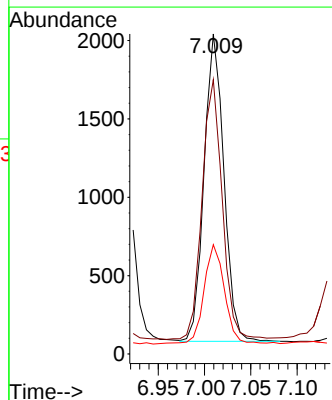
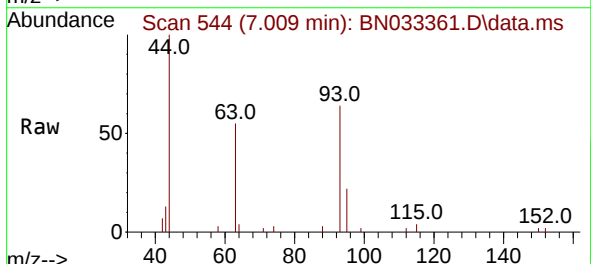
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT3-2024

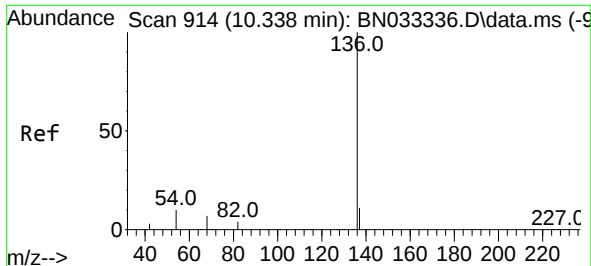
Tgt Ion: 99 Resp: 5039
Ion Ratio Lower Upper
99 100
42 25.7 18.5 27.7
71 34.6 26.2 39.2



#6
bis(2-Chloroethyl)ether
Concen: 0.223 ng
RT: 7.009 min Scan# 544
Delta R.T. -0.007 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

Tgt Ion: 93 Resp: 2915
Ion Ratio Lower Upper
93 100
63 85.9 65.2 97.8
95 33.9 26.2 39.4

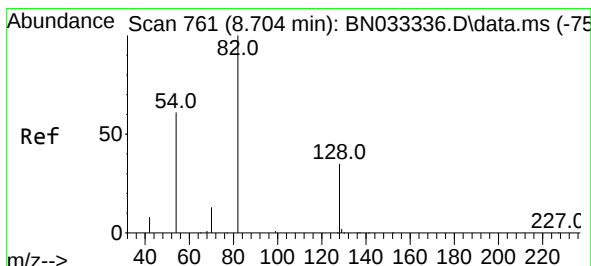
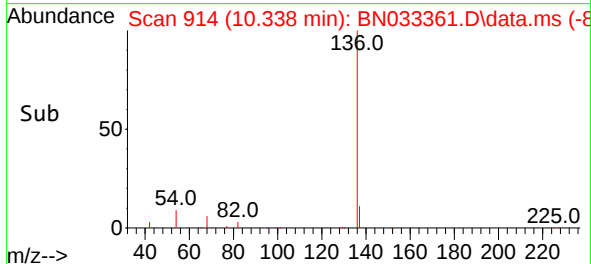
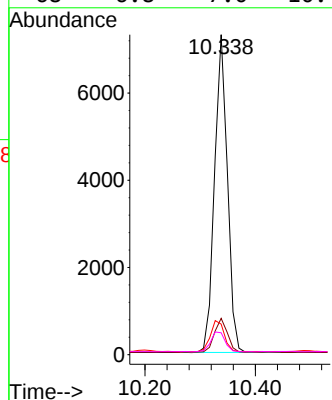
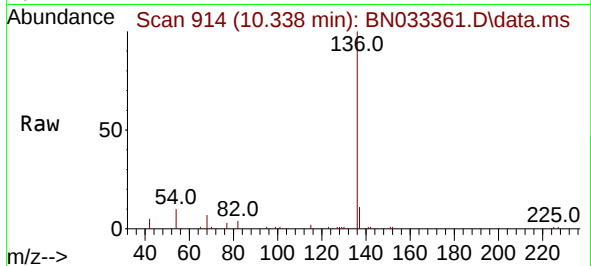




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.338 min Scan# 914
Delta R.T. 0.000 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

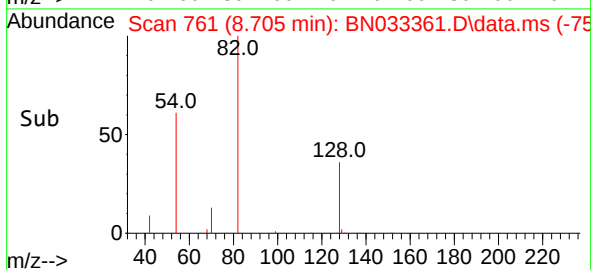
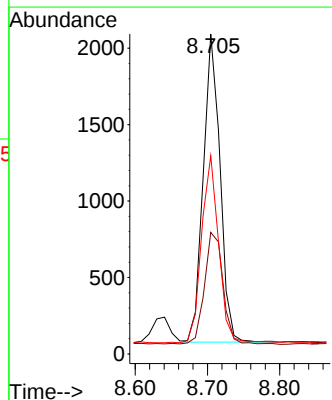
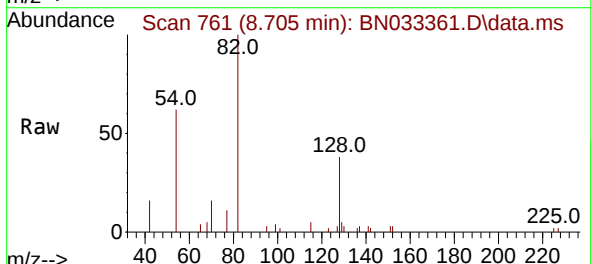
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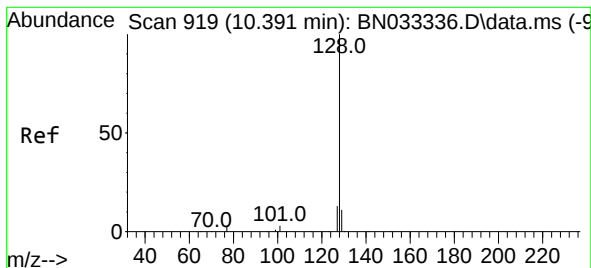
Tgt Ion:	136	Resp:	11781
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	9.6	9.4	14.0
68	6.8	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.705 min Scan# 761
Delta R.T. 0.000 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

Tgt Ion:	82	Resp:	3266
Ion Ratio	Lower	Upper	
82	100		
128	38.0	29.0	43.4
54	62.0	50.2	75.4





#9

Naphthalene

Concen: 0.221 ng

RT: 10.381 min Scan# 918

Delta R.T. -0.011 min

Lab File: BN033361.D

Acq: 13 Aug 2024 11:50

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2024

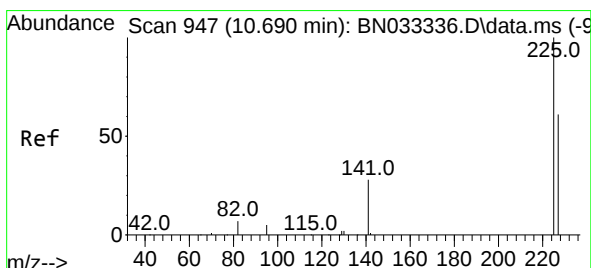
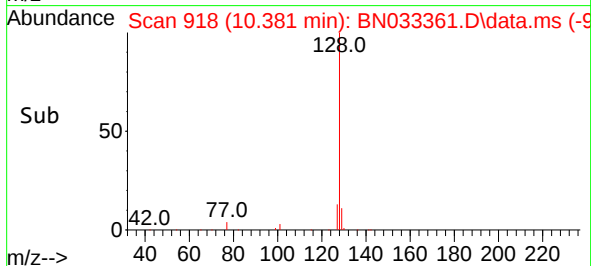
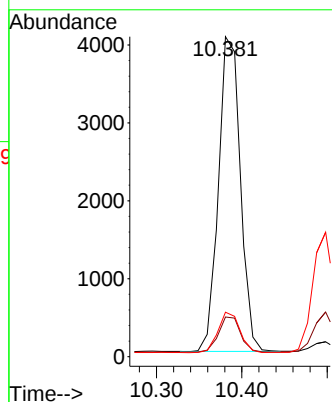
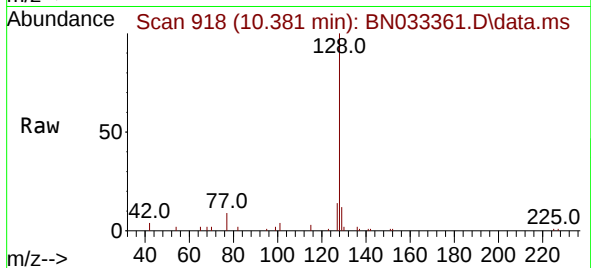
Tgt Ion:128 Resp: 7188

Ion Ratio Lower Upper

128 100

129 12.4 9.2 13.8

127 13.9 10.6 15.8



#10

Hexachlorobutadiene

Concen: 0.219 ng

RT: 10.690 min Scan# 947

Delta R.T. 0.000 min

Lab File: BN033361.D

Acq: 13 Aug 2024 11:50

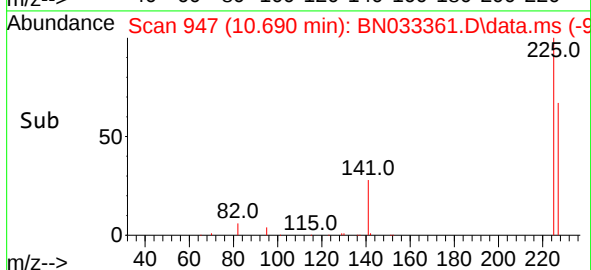
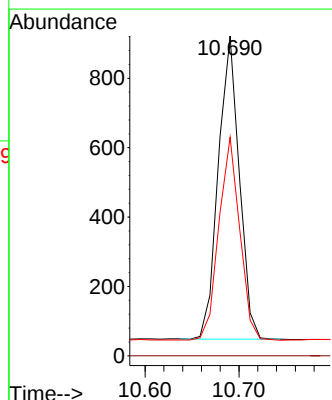
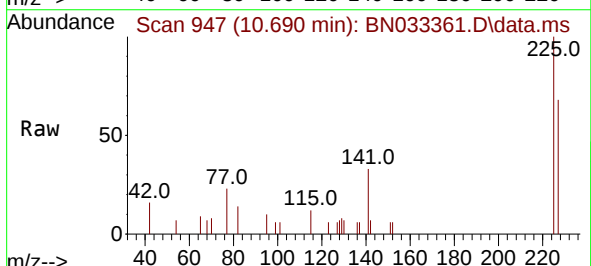
Tgt Ion:225 Resp: 1357

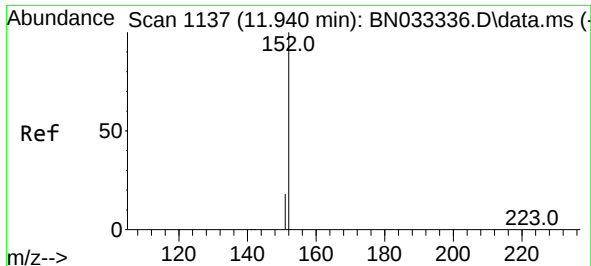
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 66.7 50.8 76.2

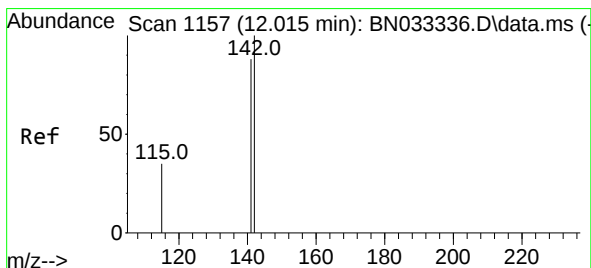
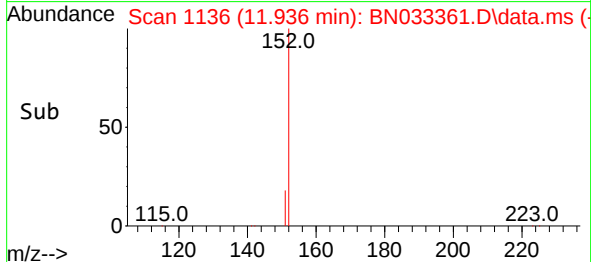
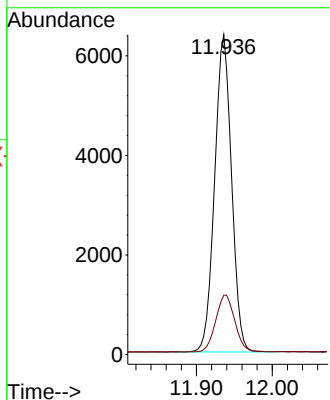
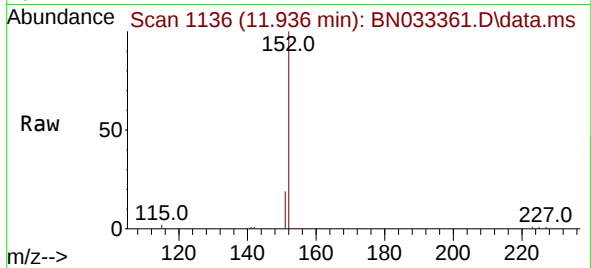




#11
2-Methylnaphthalene-d10
Concen: 0.545 ng
RT: 11.936 min Scan# 1136
Delta R.T. -0.004 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

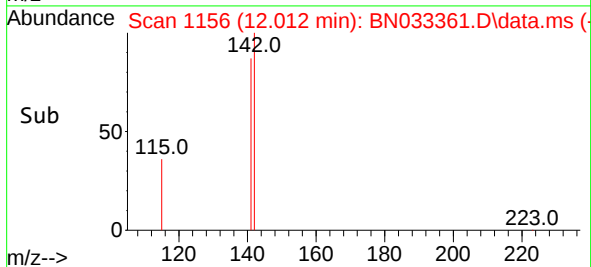
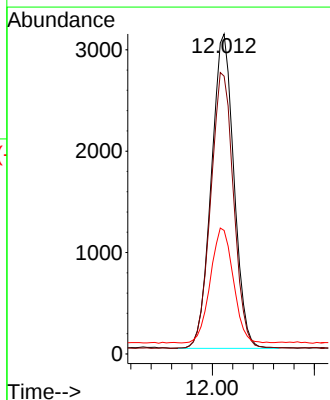
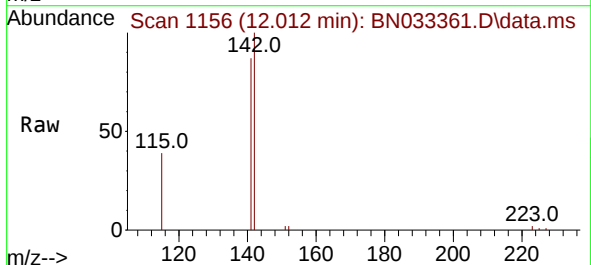
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2024

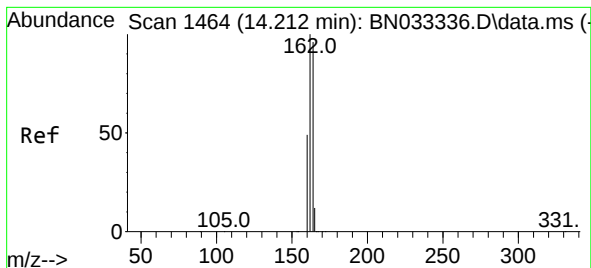
Tgt Ion:152 Resp: 9889
Ion Ratio Lower Upper
152 100
151 20.1 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.217 ng
RT: 12.012 min Scan# 1156
Delta R.T. -0.004 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

Tgt Ion:142 Resp: 4760
Ion Ratio Lower Upper
142 100
141 86.8 70.2 105.4
115 38.6 29.3 43.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.212 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BN033361.D

Acq: 13 Aug 2024 11:50

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2024

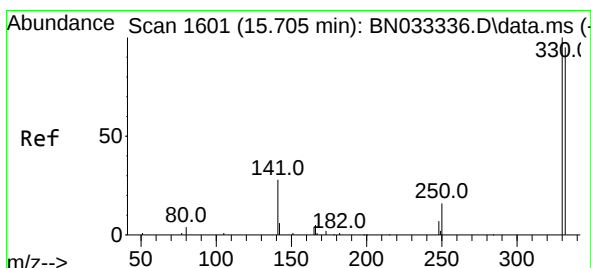
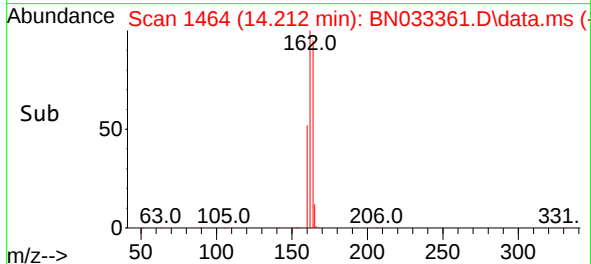
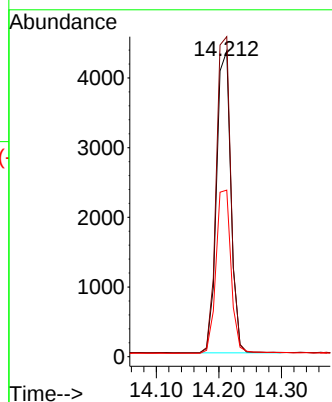
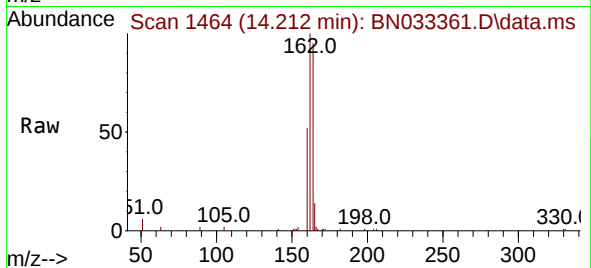
Tgt Ion:164 Resp: 6912

Ion Ratio Lower Upper

164 100

162 104.7 83.1 124.7

160 54.5 41.1 61.7



#14

2,4,6-Tribromophenol

Concen: 0.274 ng

RT: 15.705 min Scan# 1601

Delta R.T. 0.000 min

Lab File: BN033361.D

Acq: 13 Aug 2024 11:50

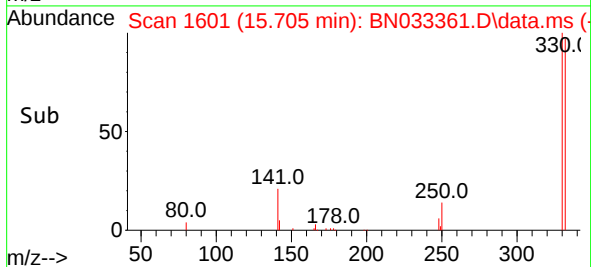
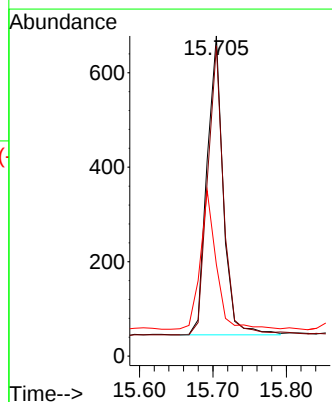
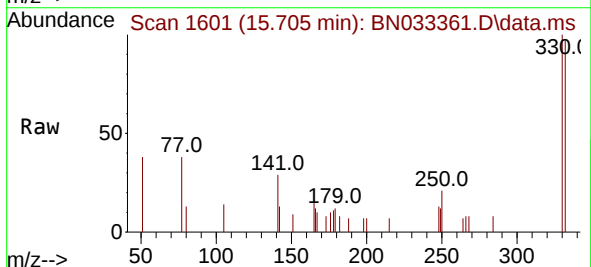
Tgt Ion:330 Resp: 973

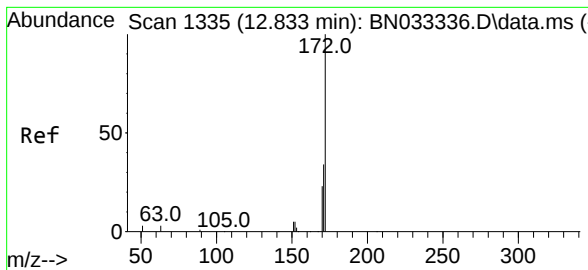
Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

141 45.6 33.4 50.0

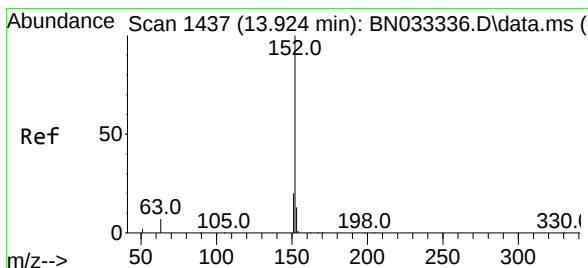
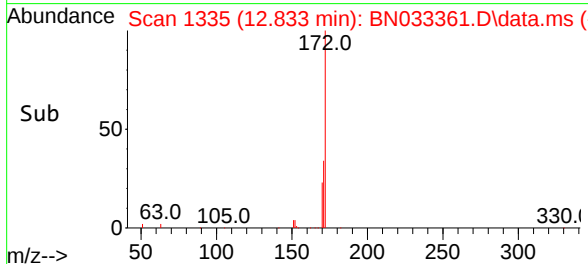
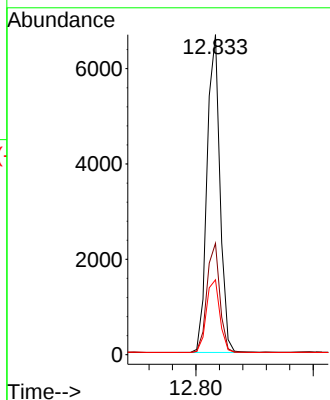
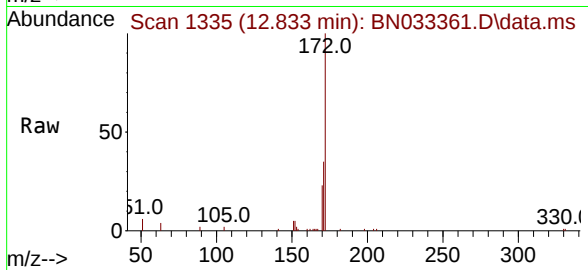




#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 12.833 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

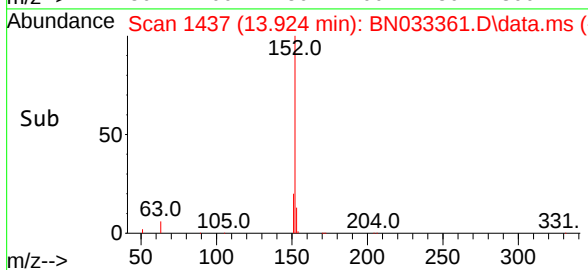
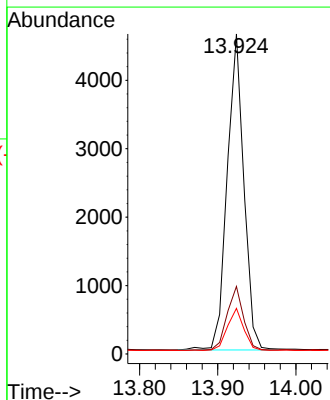
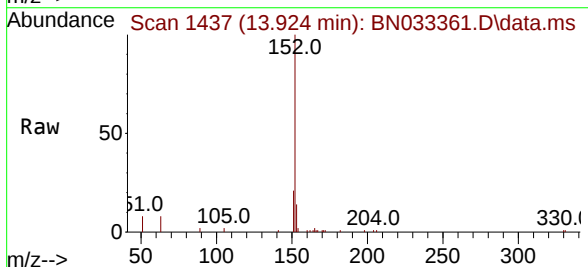
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2024

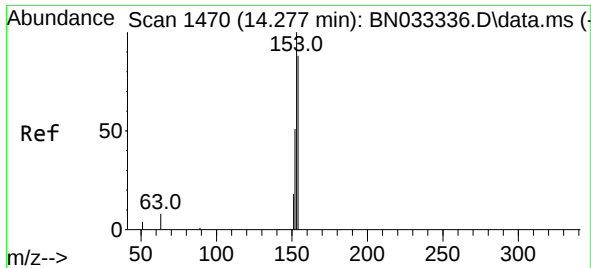
Tgt Ion:172 Resp: 10192
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 23.4 18.7 28.1



#16
Acenaphthylene
Concen: 0.212 ng
RT: 13.924 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

Tgt Ion:152 Resp: 6846
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.2 10.4 15.6

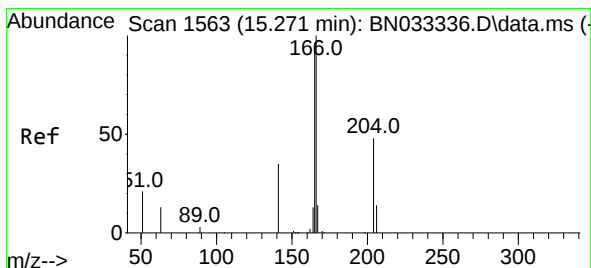
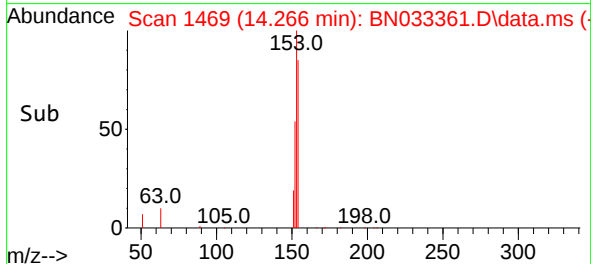
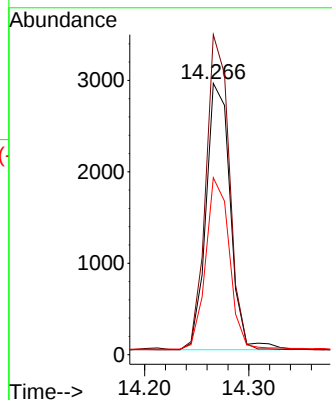
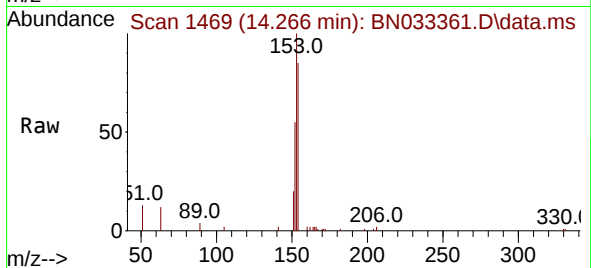




#17
Acenaphthene
Concen: 0.213 ng
RT: 14.266 min Scan# 1470
Delta R.T. -0.011 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

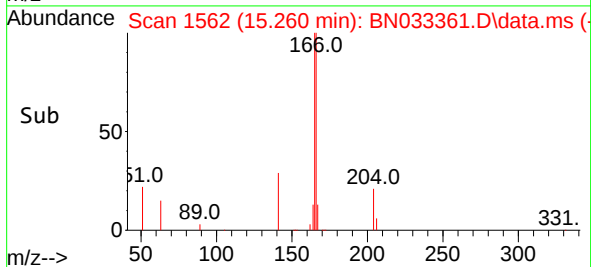
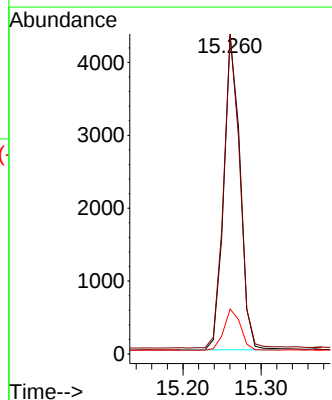
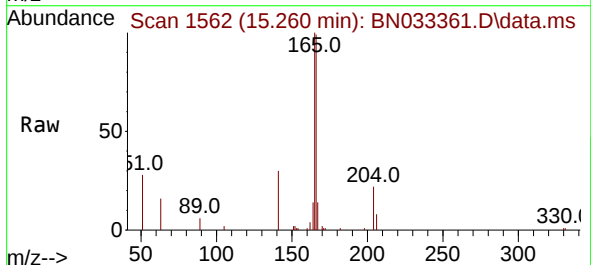
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2024

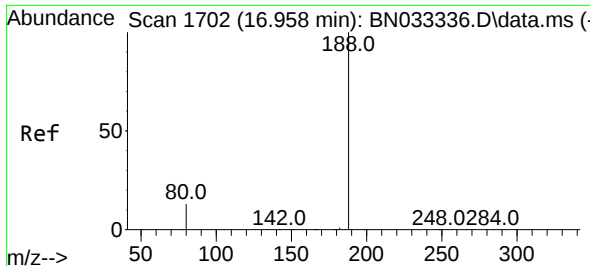
Tgt Ion:154 Resp: 4720
Ion Ratio Lower Upper
154 100
153 113.7 89.7 134.5
152 62.5 47.2 70.8



#18
Fluorene
Concen: 0.213 ng
RT: 15.260 min Scan# 1562
Delta R.T. -0.011 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

Tgt Ion:166 Resp: 6227
Ion Ratio Lower Upper
166 100
165 98.9 78.0 117.0
167 13.5 10.7 16.1

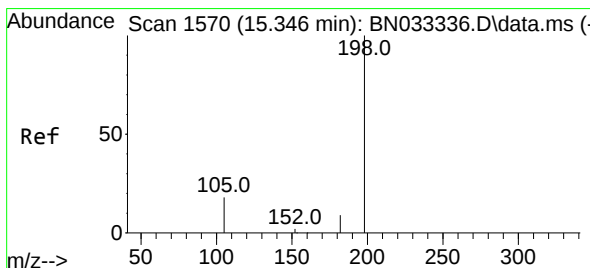
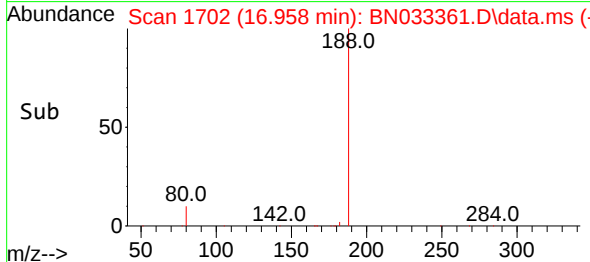
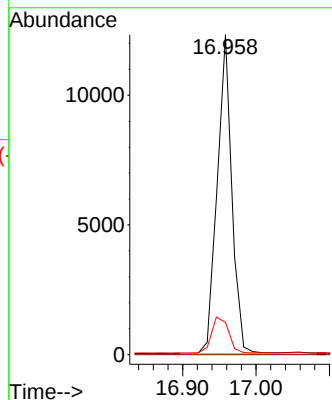
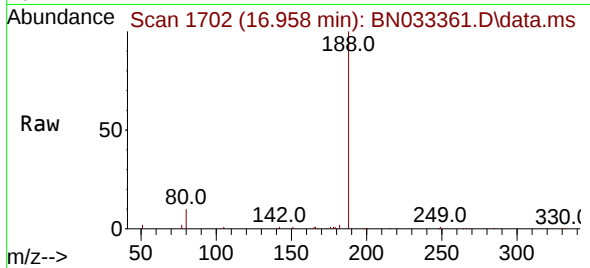




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.958 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

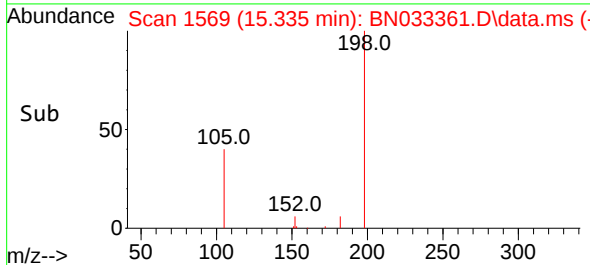
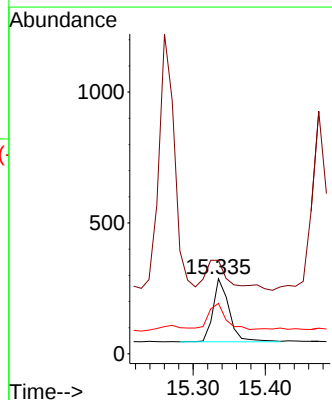
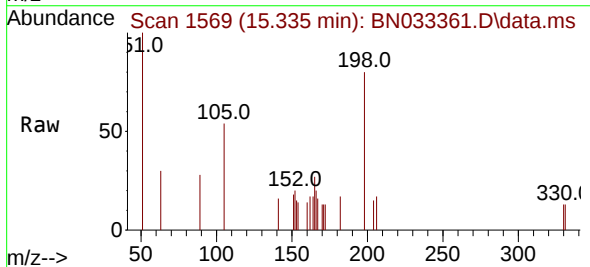
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2024

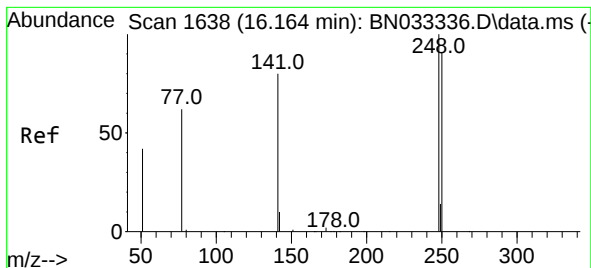
Tgt Ion:188 Resp: 16982
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 10.7 16.1#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.182 ng
RT: 15.335 min Scan# 1569
Delta R.T. -0.011 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

Tgt Ion:198 Resp: 375
Ion Ratio Lower Upper
198 100
51 124.4 62.8 94.2#
105 67.2 34.1 51.1#

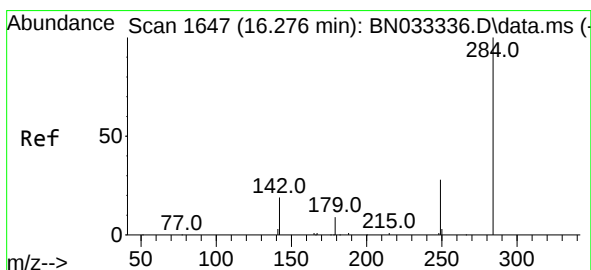
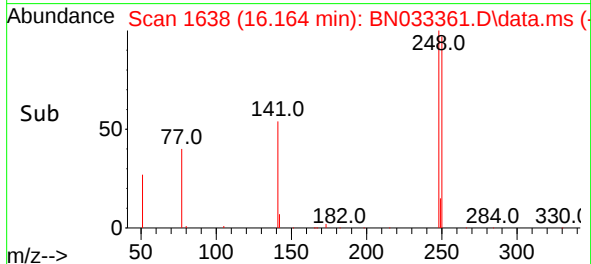
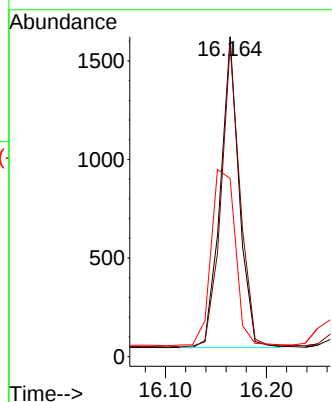
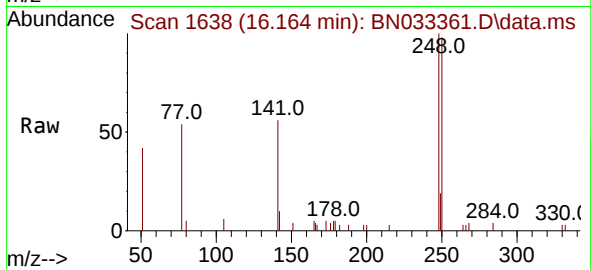




#21
4-Bromophenyl-phenylether
Concen: 0.201 ng
RT: 16.164 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

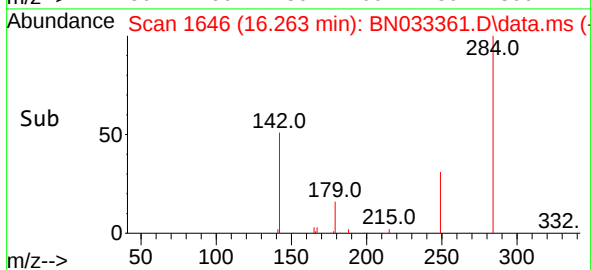
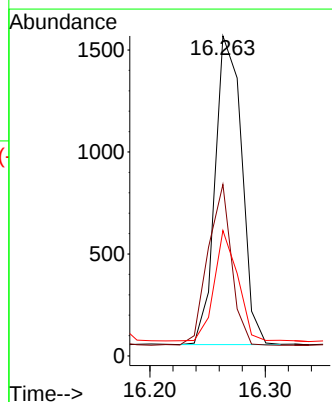
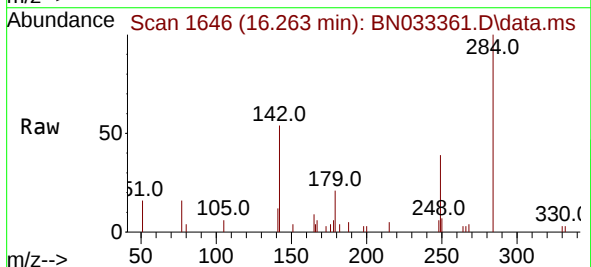
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2024

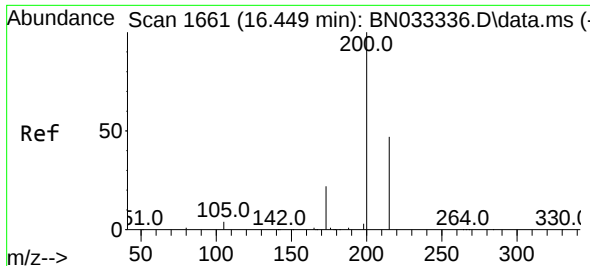
Tgt Ion:248 Resp: 2041
Ion Ratio Lower Upper
248 100
250 97.5 73.0 109.4
141 55.6 64.6 96.8#



#22
Hexachlorobenzene
Concen: 0.213 ng
RT: 16.263 min Scan# 1646
Delta R.T. -0.012 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

Tgt Ion:284 Resp: 2426
Ion Ratio Lower Upper
284 100
142 46.1 32.2 48.4
249 31.5 25.3 37.9

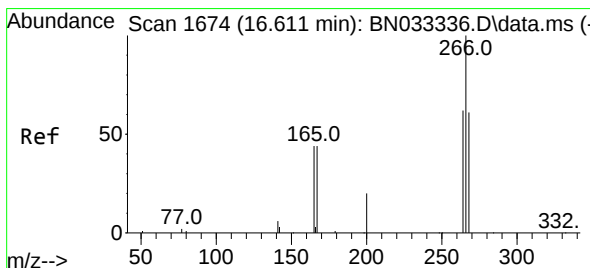
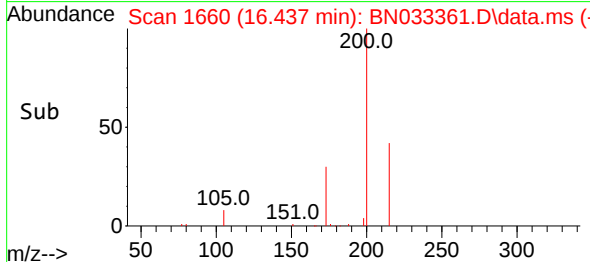
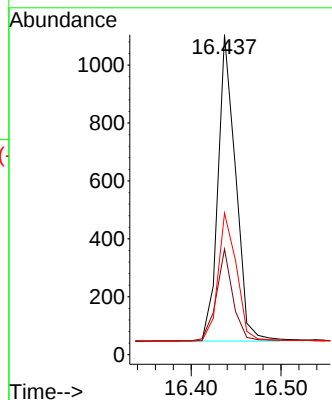
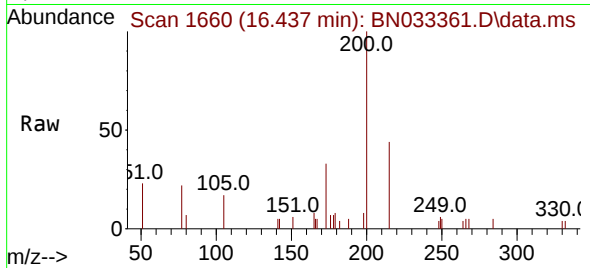




#23
Atrazine
Concen: 0.179 ng
RT: 16.437 min Scan# 1660
Delta R.T. -0.012 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

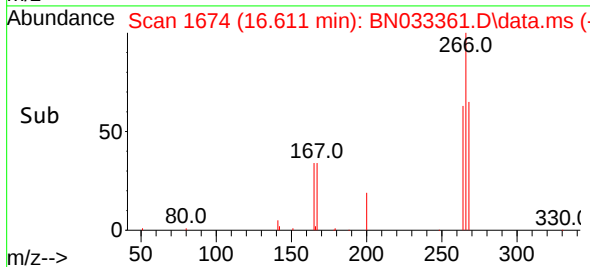
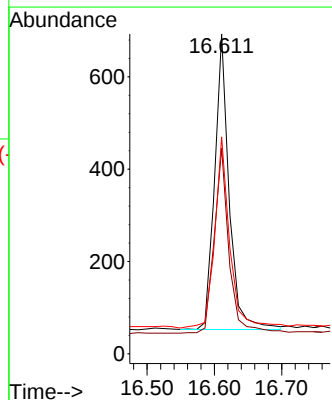
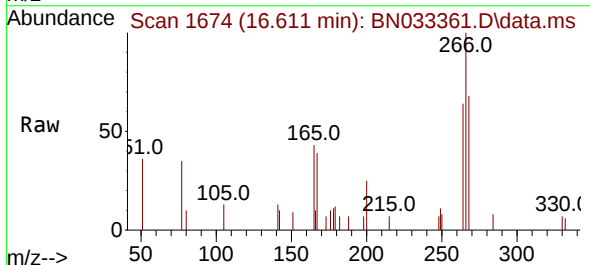
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2024

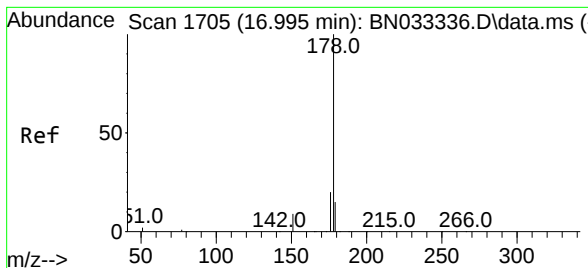
Tgt Ion:200 Resp: 1446
Ion Ratio Lower Upper
200 100
173 33.0 18.7 28.1#
215 44.3 38.6 58.0



#24
Pentachlorophenol
Concen: 0.208 ng
RT: 16.611 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

Tgt Ion:266 Resp: 958
Ion Ratio Lower Upper
266 100
264 63.5 49.2 73.8
268 67.0 51.2 76.8





#25

Phenanthrene

Concen: 0.222 ng

RT: 16.996 min Scan# 1712

Delta R.T. 0.000 min

Lab File: BN033361.D

Acq: 13 Aug 2024 11:50

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2024

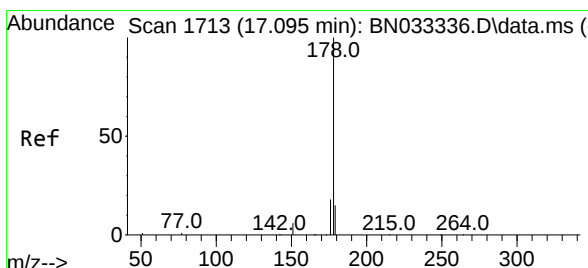
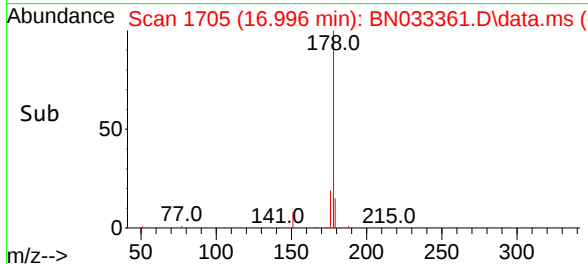
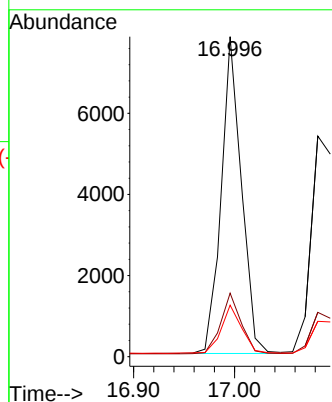
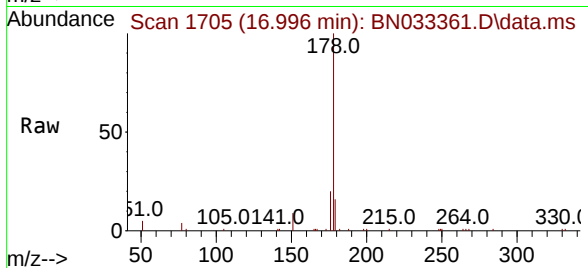
Tgt Ion:178 Resp: 10872

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.6 12.2 18.2



#26

Anthracene

Concen: 0.215 ng

RT: 17.082 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BN033361.D

Acq: 13 Aug 2024 11:50

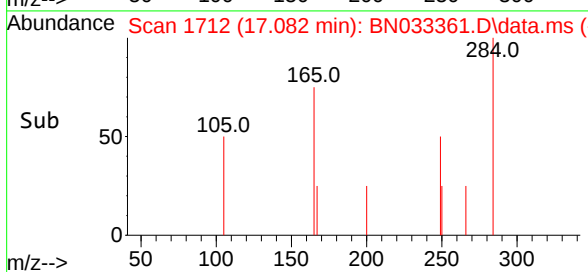
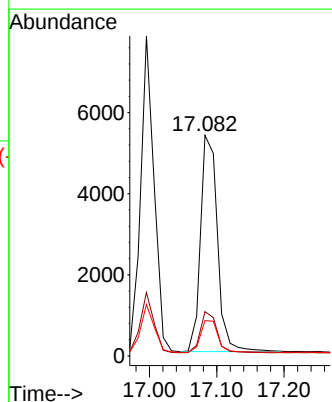
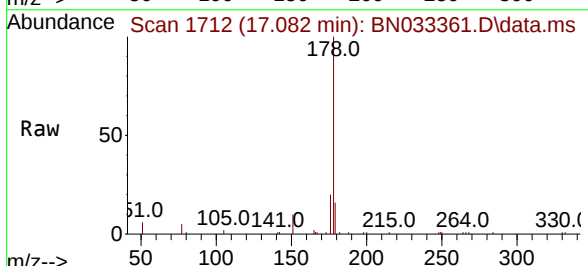
Tgt Ion:178 Resp: 9330

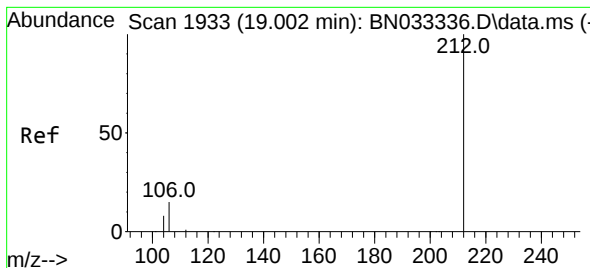
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.2 12.2 18.2





#27

Fluoranthene-d10

Concen: 0.550 ng

RT: 18.998 min Scan# 1932

Delta R.T. -0.005 min

Lab File: BN033361.D

Acq: 13 Aug 2024 11:50

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2024

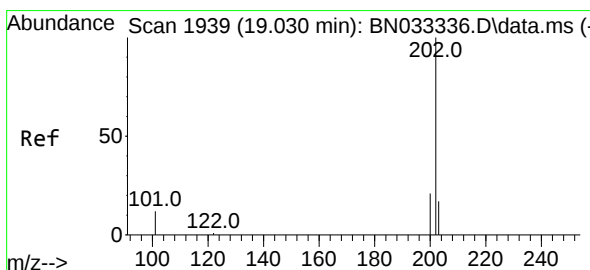
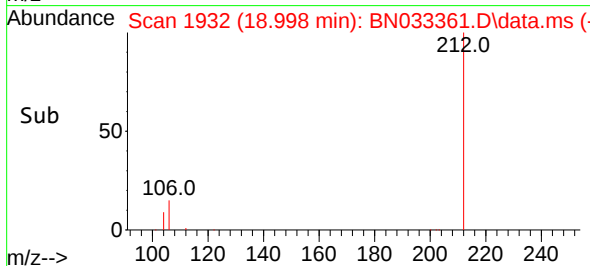
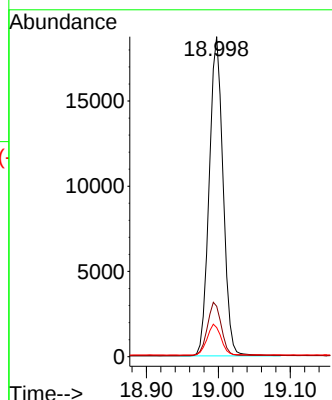
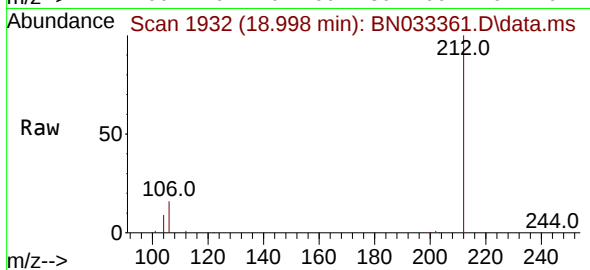
Tgt Ion:212 Resp: 24958

Ion Ratio Lower Upper

212 100

106 16.7 12.8 19.2

104 9.7 7.1 10.7



#28

Fluoranthene

Concen: 0.201 ng

RT: 19.026 min Scan# 1938

Delta R.T. -0.005 min

Lab File: BN033361.D

Acq: 13 Aug 2024 11:50

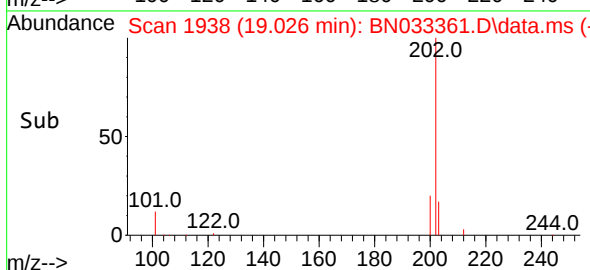
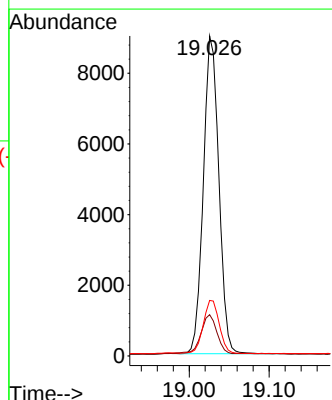
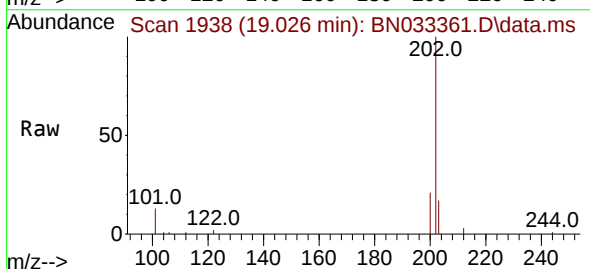
Tgt Ion:202 Resp: 12124

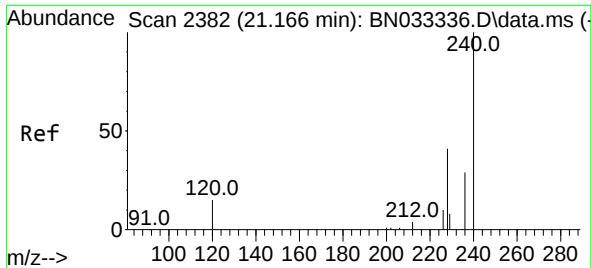
Ion Ratio Lower Upper

202 100

101 13.0 9.8 14.6

203 17.3 13.8 20.6

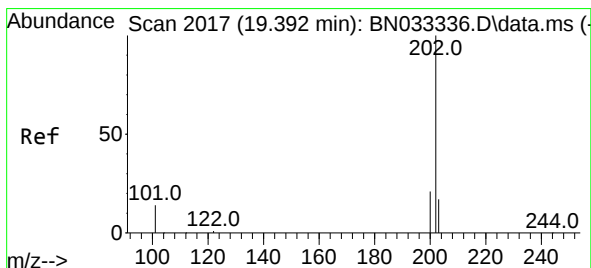
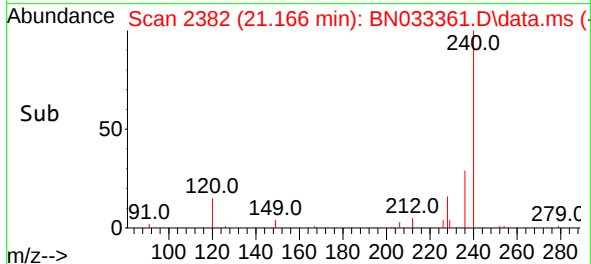
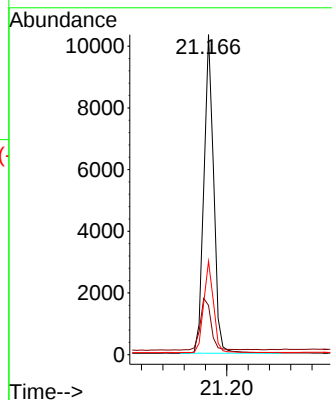
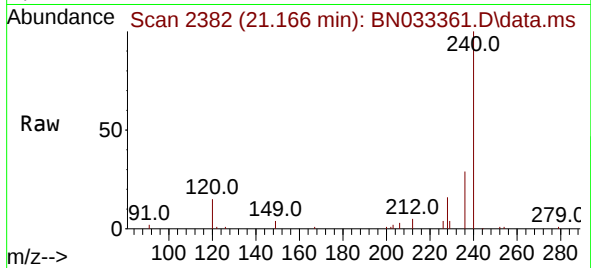




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.166 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

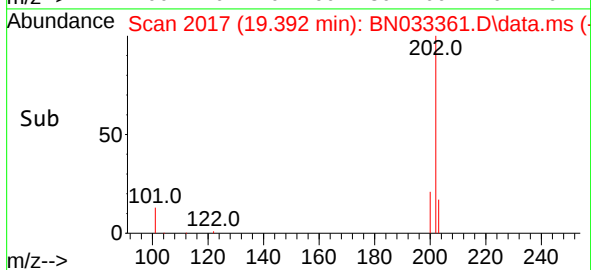
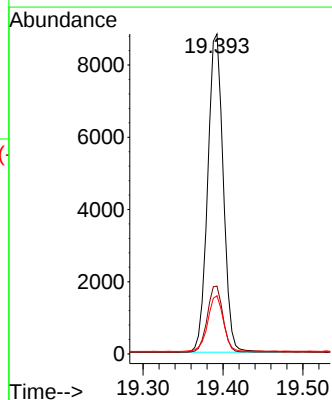
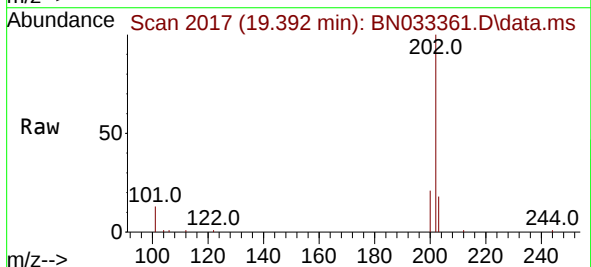
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2024

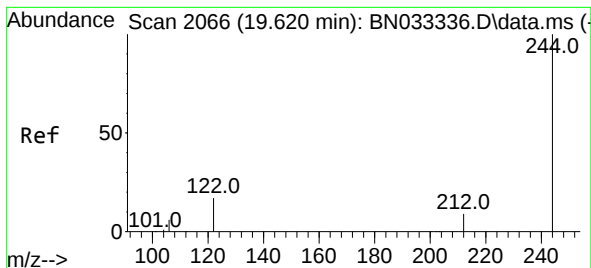
Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.4	13.0	19.6
236	29.2	23.2	34.8



#30
Pyrene
Concen: 0.227 ng
RT: 19.392 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.7	14.2	21.4





#31

Terphenyl-d14

Concen: 0.373 ng

RT: 19.615 min Scan# 2065

Delta R.T. -0.005 min

Lab File: BN033361.D

Acq: 13 Aug 2024 11:50

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2024

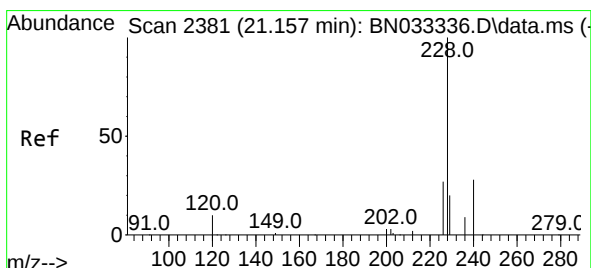
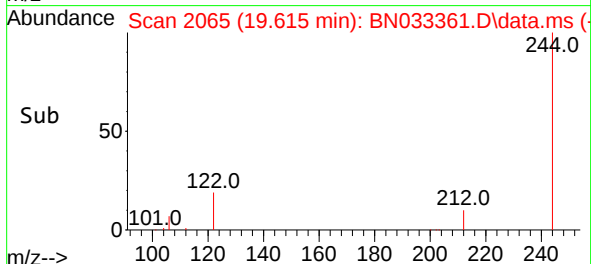
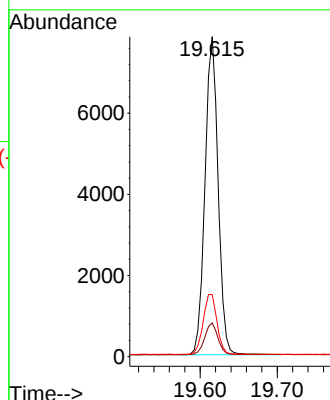
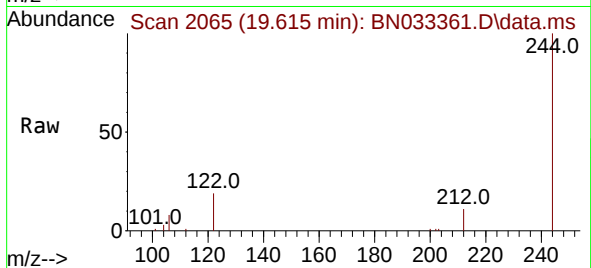
Tgt Ion:244 Resp: 9269

Ion Ratio Lower Upper

244 100

212 10.6 7.7 11.5

122 19.4 14.0 21.0



#32

Benzo(a)anthracene

Concen: 0.204 ng

RT: 21.148 min Scan# 2380

Delta R.T. -0.009 min

Lab File: BN033361.D

Acq: 13 Aug 2024 11:50

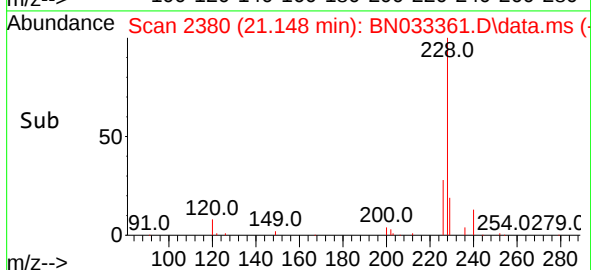
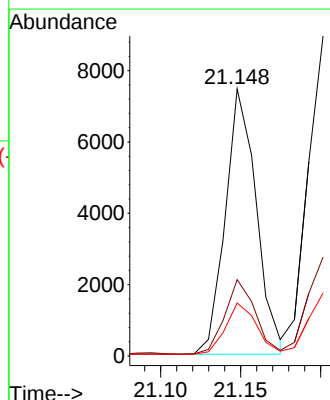
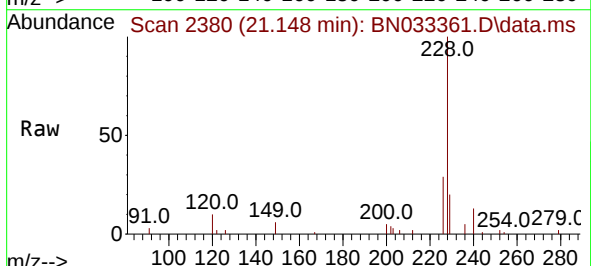
Tgt Ion:228 Resp: 10020

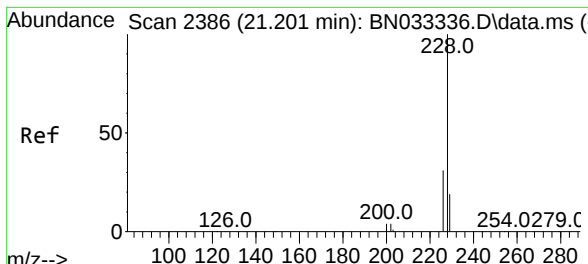
Ion Ratio Lower Upper

228 100

226 28.6 21.6 32.4

229 19.8 15.9 23.9

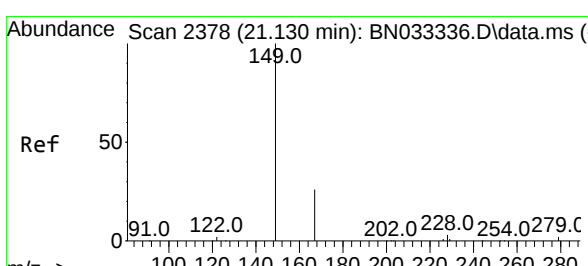
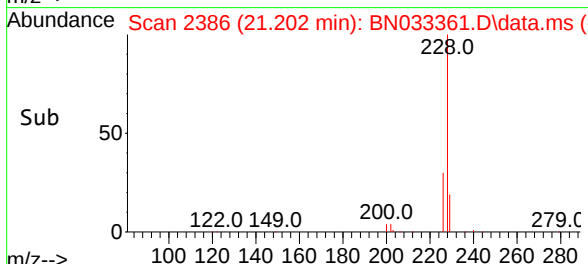
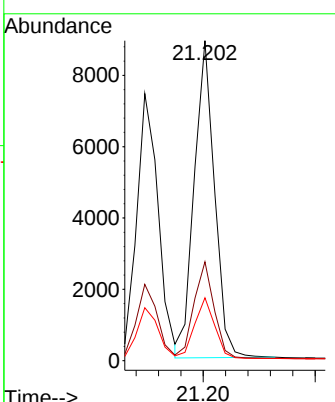
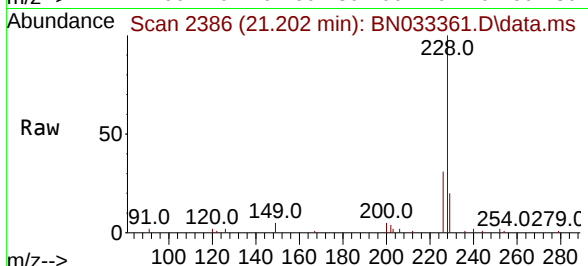




#33
 Chrysene
 Concen: 0.227 ng
 RT: 21.202 min Scan# 21197
 Delta R.T. 0.000 min
 Lab File: BN033361.D
 Acq: 13 Aug 2024 11:50

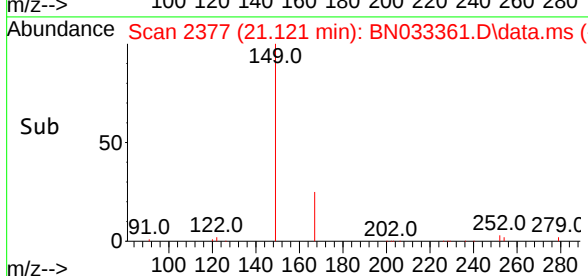
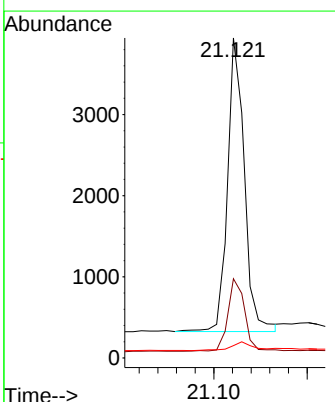
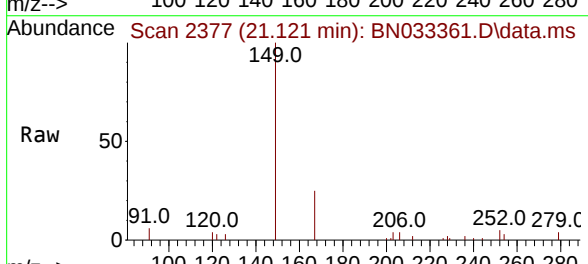
Instrument : BNA_N
 ClientSampleId : MDL-SOIL-03-QT3-2024

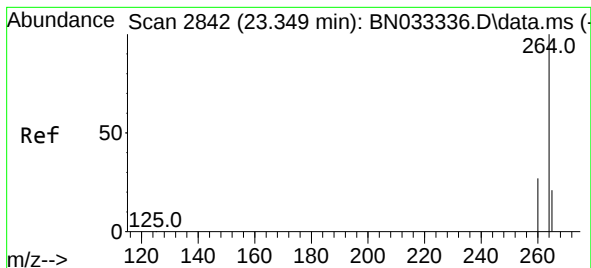
Tgt Ion:	228	Resp:	11197
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.7	37.1
229	19.7	15.4	23.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.203 ng
 RT: 21.121 min Scan# 2377
 Delta R.T. -0.009 min
 Lab File: BN033361.D
 Acq: 13 Aug 2024 11:50

Tgt Ion:	149	Resp:	4540
Ion Ratio	Lower	Upper	
149	100		
167	24.9	20.9	31.3
279	3.6	2.2	3.4





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.346 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN033361.D

Acq: 13 Aug 2024 11:50

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2024

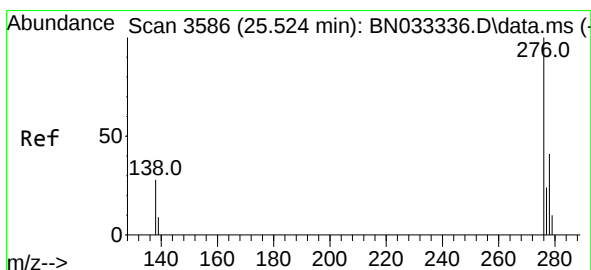
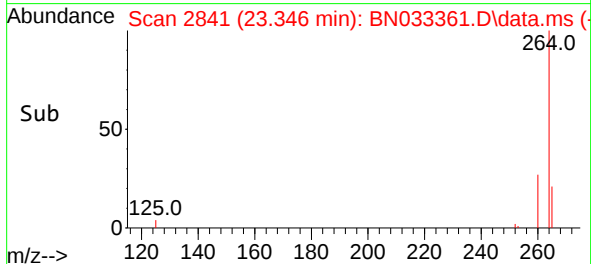
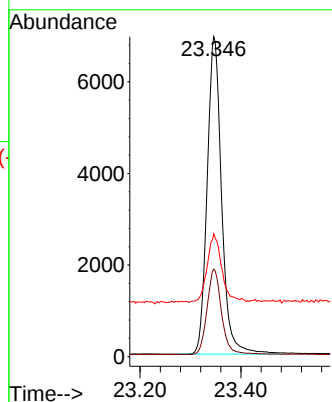
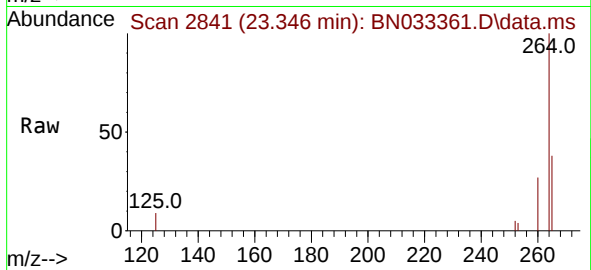
Tgt Ion:264 Resp: 13803

Ion Ratio Lower Upper

264 100

260 27.3 21.6 32.4

265 38.4 29.3 43.9



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.171 ng

RT: 25.518 min Scan# 3584

Delta R.T. -0.006 min

Lab File: BN033361.D

Acq: 13 Aug 2024 11:50

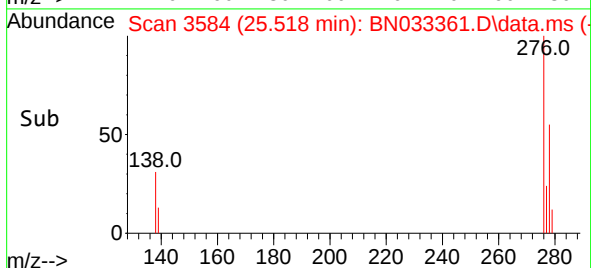
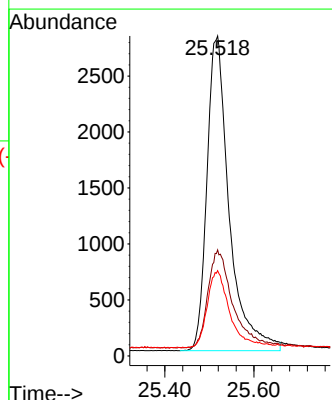
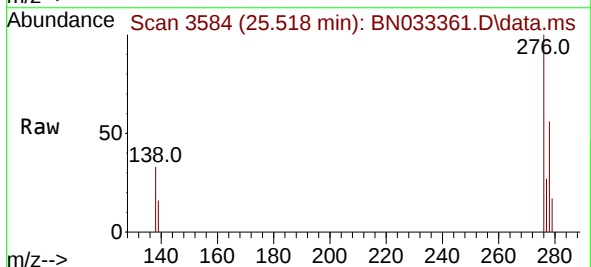
Tgt Ion:276 Resp: 9764

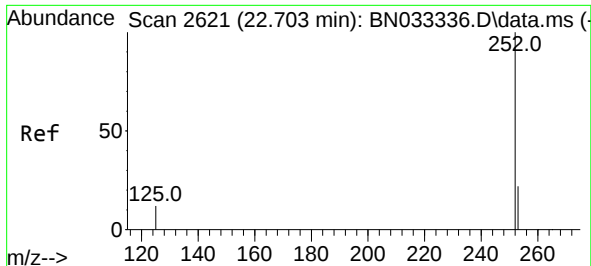
Ion Ratio Lower Upper

276 100

138 34.6 24.9 37.3

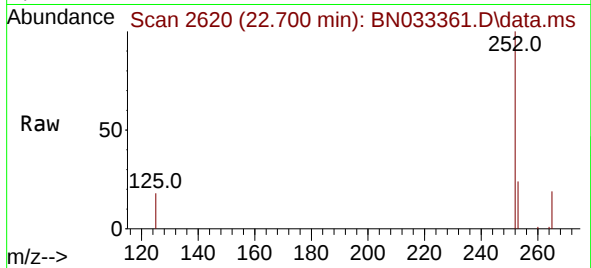
277 23.9 19.8 29.6



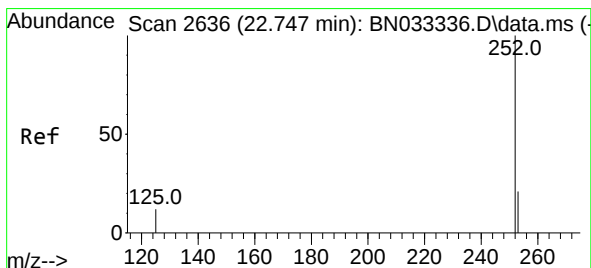
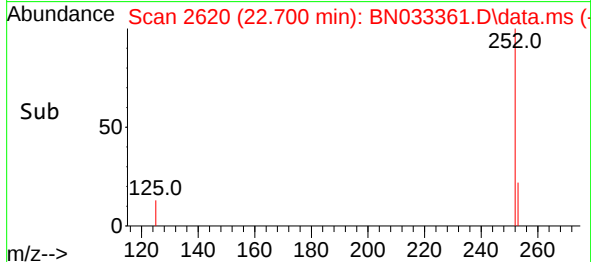
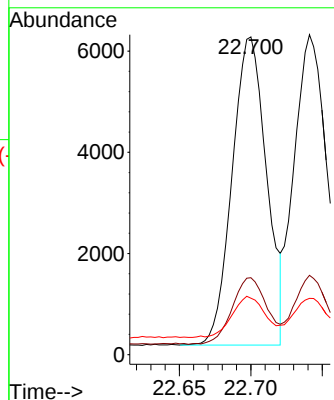


#37
Benzo(b)fluoranthene
Concen: 0.196 ng
RT: 22.700 min Scan# 2620
Delta R.T. -0.003 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2024

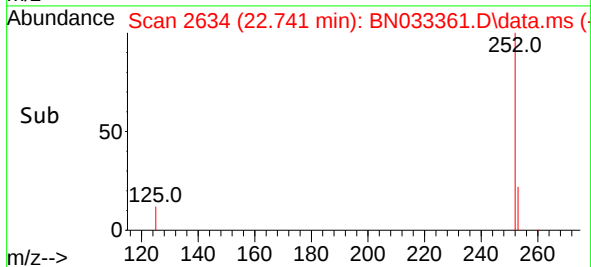
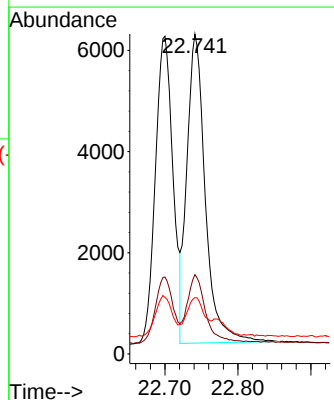
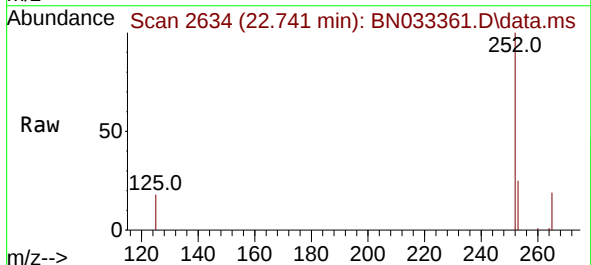


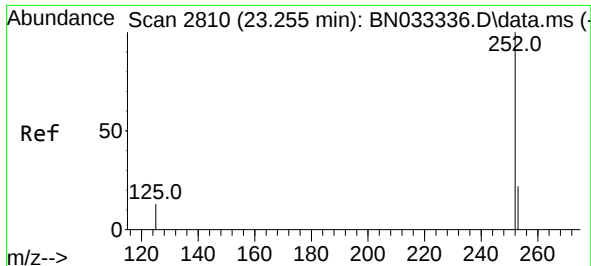
Tgt Ion:252 Resp: 10199
Ion Ratio Lower Upper
252 100
253 24.2 18.2 27.2
125 17.8 11.3 16.9#



#38
Benzo(k)fluoranthene
Concen: 0.202 ng
RT: 22.741 min Scan# 2634
Delta R.T. -0.006 min
Lab File: BN033361.D
Acq: 13 Aug 2024 11:50

Tgt Ion:252 Resp: 10689
Ion Ratio Lower Upper
252 100
253 24.8 17.9 26.9
125 17.6 11.3 16.9#





#39

Benzo(a)pyrene

Concen: 0.177 ng

RT: 23.253 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN033361.D

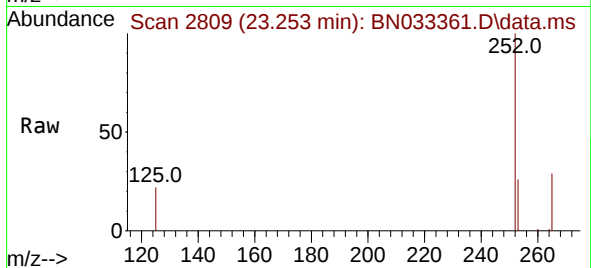
Acq: 13 Aug 2024 11:50

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2024



Tgt Ion:252 Resp: 7723

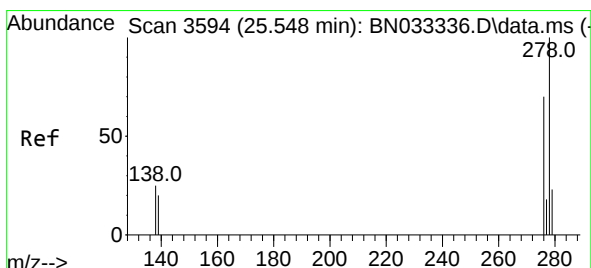
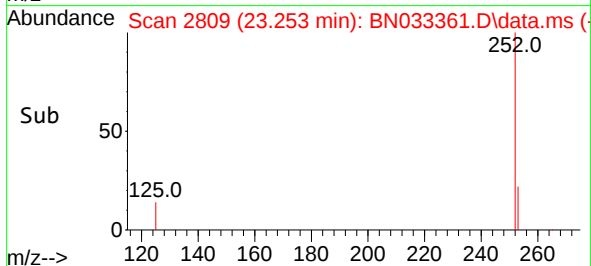
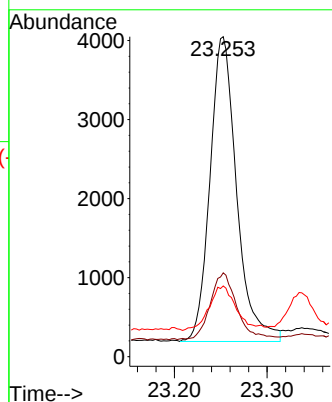
Ion	Ratio	Lower	Upper
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252	100		
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253	26.2	18.6	28.0
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125	22.1	12.6	19.0
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#



#40

Dibenzo(a,h)anthracene

Concen: 0.173 ng

RT: 25.536 min Scan# 3590

Delta R.T. -0.012 min

Lab File: BN033361.D

Acq: 13 Aug 2024 11:50

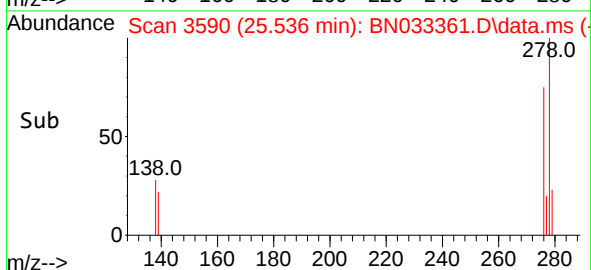
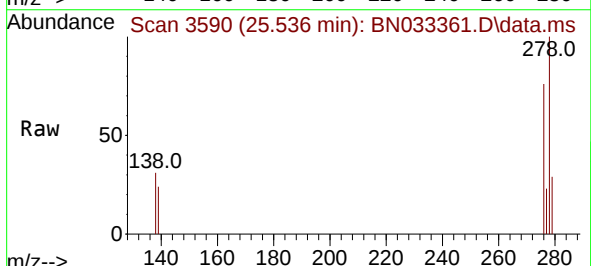
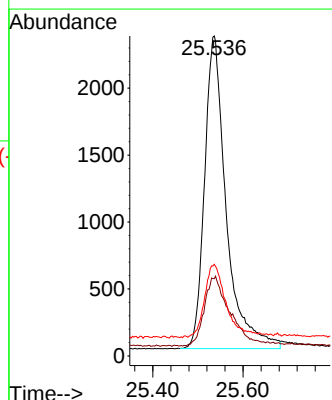
Tgt Ion:278 Resp: 7779

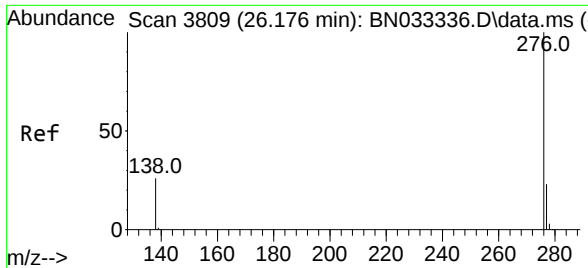
Ion	Ratio	Lower	Upper
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278	100		
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139	24.1	17.0	25.6
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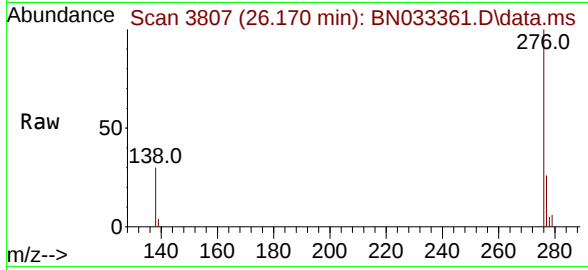
279	28.6	20.0	30.0
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#41
 Benzo(g,h,i)perylene
 Concen: 0.172 ng
 RT: 26.170 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN033361.D
 Acq: 13 Aug 2024 11:50

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2024



Tgt Ion:	276	Resp:	8607
Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.4	29.2
138	30.3	21.6	32.4

