

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081324\
 Data File : BN033360.D
 Acq On : 13 Aug 2024 11:14
 Operator : MA/JU
 Sample : P3390-03
 Misc : MDL-MDL-SOIL-0.1ng
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Aug 13 12:23:45 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)

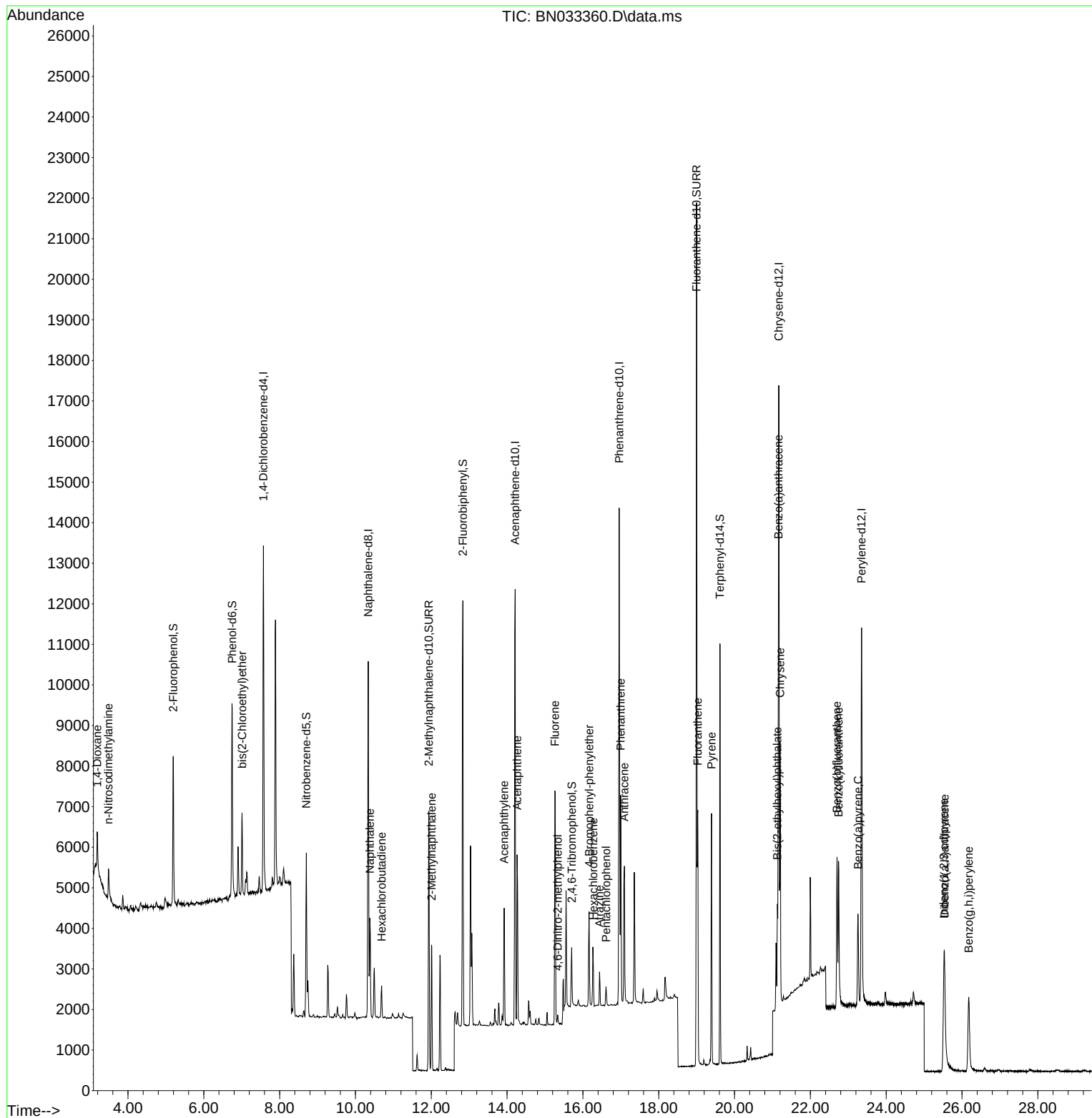
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	3974	0.400	ng	0.00
7) Naphthalene-d8	10.338	136	10822	0.400	ng	# 0.00
13) Acenaphthene-d10	14.212	164	6144	0.400	ng	0.00
19) Phenanthrene-d10	16.958	188	15339	0.400	ng	0.00
29) Chrysene-d12	21.166	240	11804	0.400	ng	# 0.00
35) Perylene-d12	23.352	264	12083	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.197	112	2963	0.270	ng	0.00
5) Phenol-d6	6.749	99	4308	0.291	ng	0.00
8) Nitrobenzene-d5	8.704	82	2904	0.356	ng	0.00
11) 2-Methylnaphthalene-d10	11.936	152	8506	0.511	ng	0.00
14) 2,4,6-Tribromophenol	15.705	330	838	0.266	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	9031	0.359	ng	0.00
27) Fluoranthene-d10	18.998	212	22075	0.538	ng	0.00
31) Terphenyl-d14	19.615	244	8606	0.386	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.189	88	689	0.156	ng	# 92
3) n-Nitrosodimethylamine	3.485	42	669	0.118	ng	88
6) bis(2-Chloroethyl)ether	7.009	93	1344	0.112	ng	96
9) Naphthalene	10.381	128	3186	0.107	ng	95
10) Hexachlorobutadiene	10.690	225	602	0.106	ng	# 99
12) 2-Methylnaphthalene	12.008	142	2060	0.102	ng	96
16) Acenaphthylene	13.924	152	2973	0.104	ng	100
17) Acenaphthene	14.266	154	2012	0.102	ng	96
18) Fluorene	15.260	166	2672	0.103	ng	99
20) 4,6-Dinitro-2-methylph...	15.335	198	160	0.086	ng	# 1
21) 4-Bromophenyl-phenylether	16.164	248	890	0.097	ng	# 87
22) Hexachlorobenzene	16.276	284	1086	0.106	ng	94
23) Atrazine	16.437	200	655	0.090	ng	# 88
24) Pentachlorophenol	16.611	266	229	0.055	ng	100
25) Phenanthrene	16.995	178	4764	0.108	ng	99
26) Anthracene	17.095	178	3974	0.101	ng	99
28) Fluoranthene	19.030	202	5398	0.099	ng	98
30) Pyrene	19.392	202	5363	0.114	ng	100
32) Benzo(a)anthracene	21.157	228	4330	0.098	ng	97
33) Chrysene	21.201	228	4993	0.112	ng	99
34) Bis(2-ethylhexyl)phtha...	21.130	149	2293	0.114	ng	99
36) Indeno(1,2,3-cd)pyrene	25.521	276	4187	0.084	ng	97
37) Benzo(b)fluoranthene	22.703	252	4524	0.099	ng	# 85
38) Benzo(k)fluoranthene	22.747	252	4443	0.096	ng	# 86
39) Benzo(a)pyrene	23.255	252	3459	0.090	ng	# 76
40) Dibenzo(a,h)anthracene	25.542	278	3170	0.080	ng	# 80
41) Benzo(g,h,i)perylene	26.176	276	3731	0.085	ng	# 89

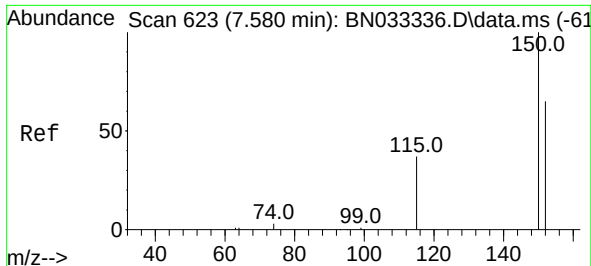
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081324\
Data File : BN033360.D
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Misc : MDL-MDL-SOIL-0.1ng
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Instrument :
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MDL-SOIL-03-QT3-2024

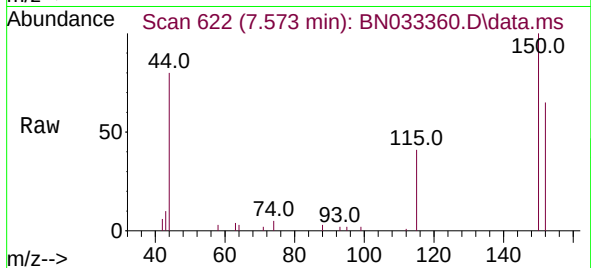
Quant Time: Aug 13 12:23:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 12 01:09:50 2024
Response via : Initial Calibration



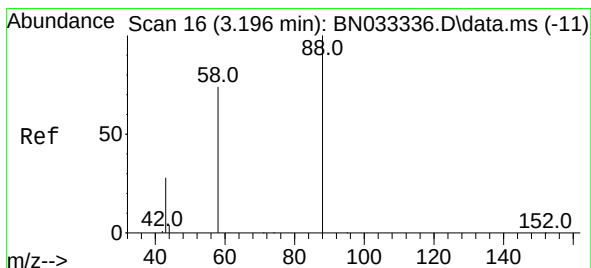
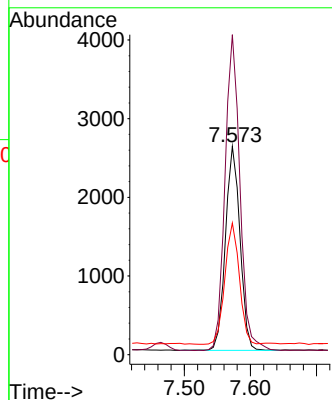
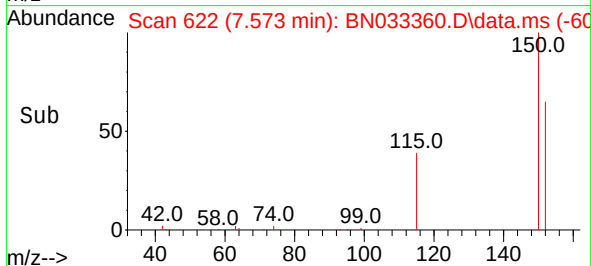


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.573 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033360.D
Acq: 13 Aug 2024 11:14

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

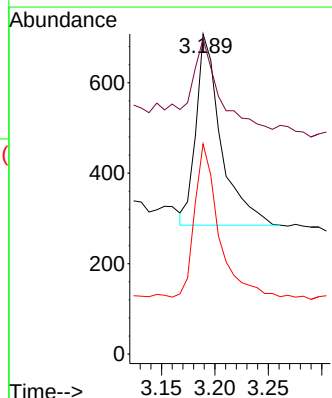
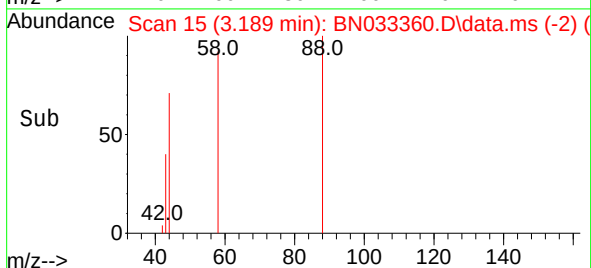
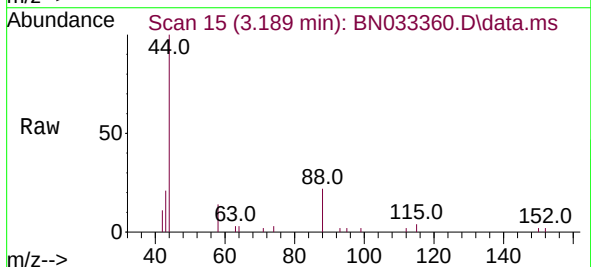


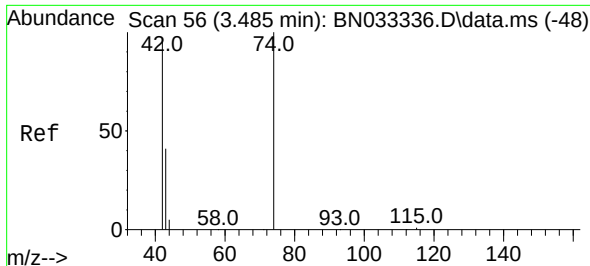
Tgt Ion:152 Resp: 3974
Ion Ratio Lower Upper
152 100
150 153.6 122.3 183.5
115 63.3 48.8 73.2



#2
1,4-Dioxane
Concen: 0.156 ng
RT: 3.189 min Scan# 15
Delta R.T. -0.007 min
Lab File: BN033360.D
Acq: 13 Aug 2024 11:14

Tgt Ion: 88 Resp: 689
Ion Ratio Lower Upper
88 100
43 47.5 30.6 46.0#
58 77.1 64.5 96.7

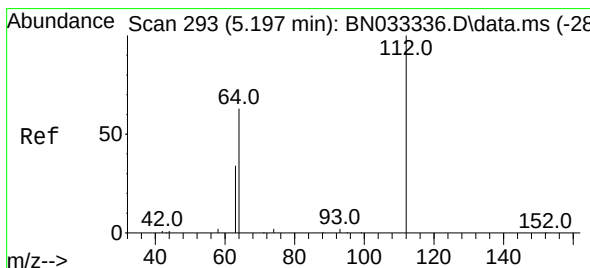
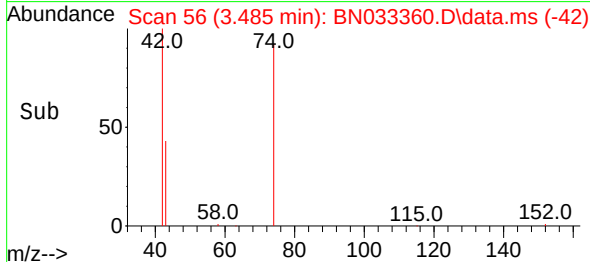
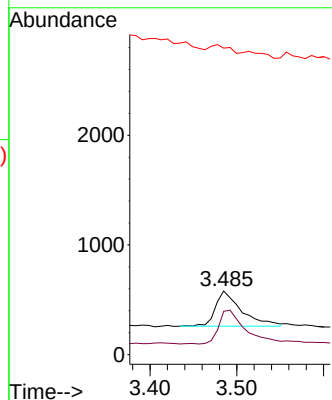
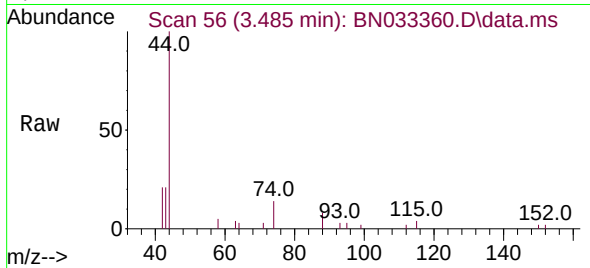




#3
n-Nitrosodimethylamine
Concen: 0.118 ng
RT: 3.485 min Scan# 56
Delta R.T. 0.000 min
Lab File: BN033360.D
Acq: 13 Aug 2024 11:14

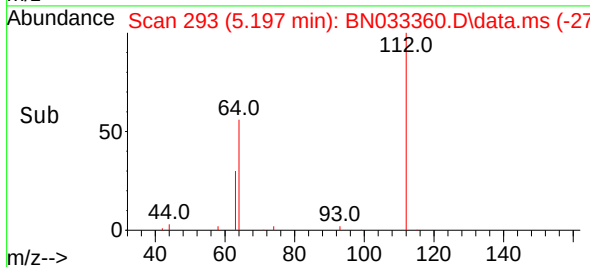
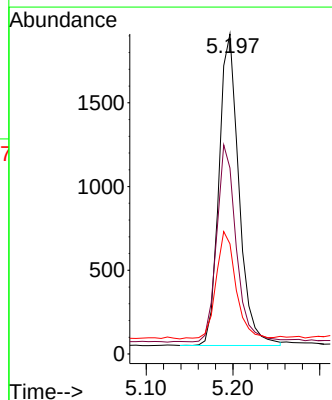
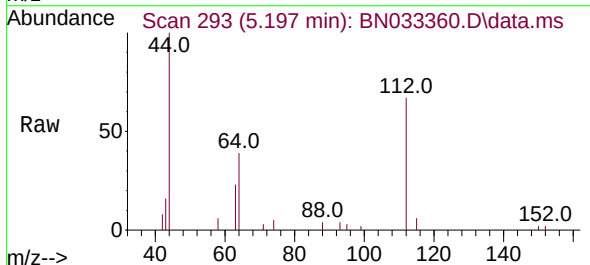
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2024

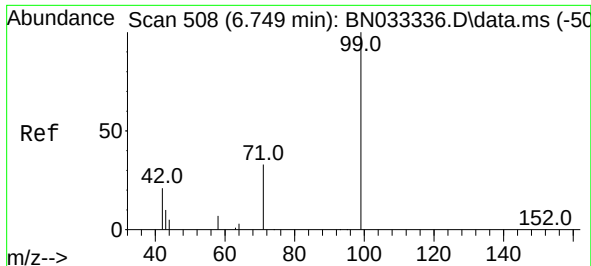
Tgt Ion: 42 Resp: 669
Ion Ratio Lower Upper
42 100
74 97.3 89.0 133.6
44 13.8 11.0 16.4



#4
2-Fluorophenol
Concen: 0.270 ng
RT: 5.197 min Scan# 293
Delta R.T. 0.000 min
Lab File: BN033360.D
Acq: 13 Aug 2024 11:14

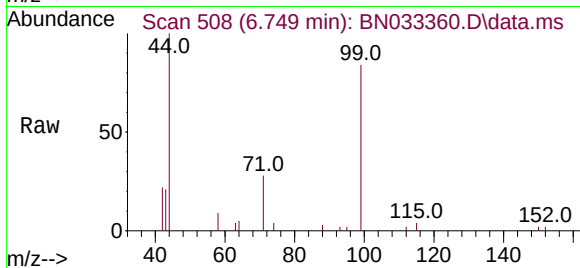
Tgt Ion: 112 Resp: 2963
Ion Ratio Lower Upper
112 100
64 61.8 48.1 72.1
63 34.5 25.4 38.2



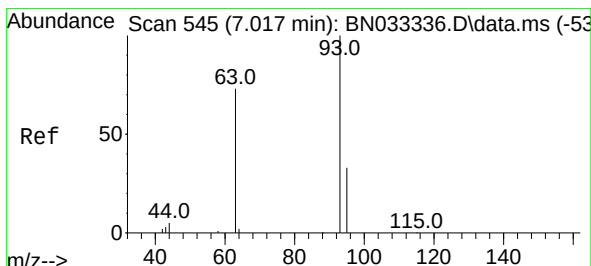
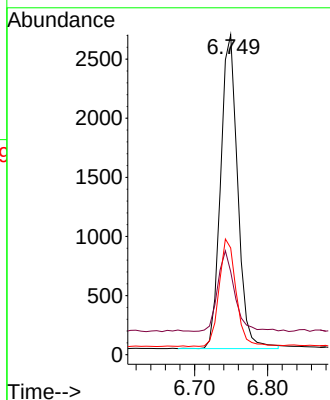
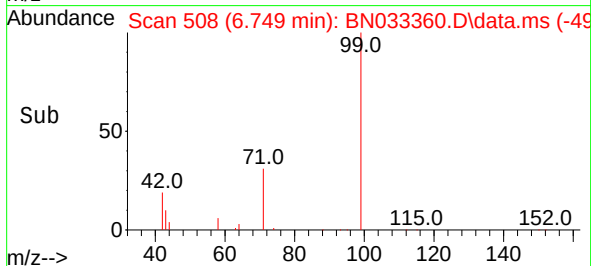


#5
Phenol-d6
Concen: 0.291 ng
RT: 6.749 min Scan# 508
Delta R.T. 0.000 min
Lab File: BN033360.D
Acq: 13 Aug 2024 11:14

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

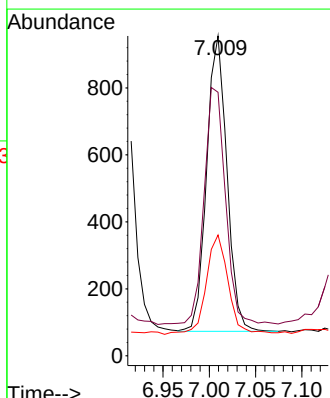
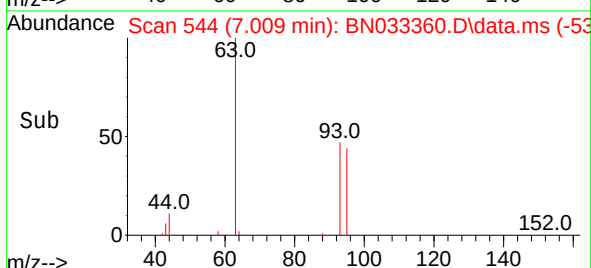
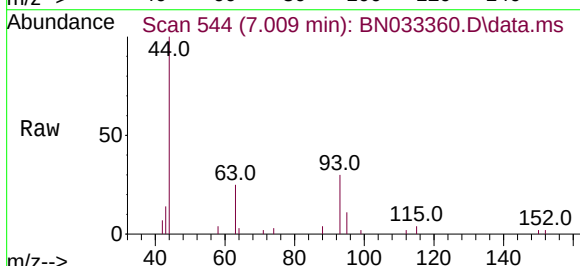


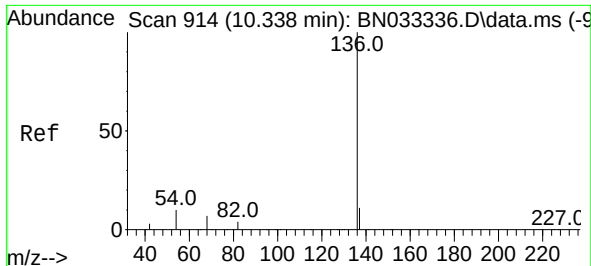
Tgt Ion: 99 Resp: 4308
Ion Ratio Lower Upper
99 100
42 25.3 18.5 27.7
71 34.2 26.2 39.2



#6
bis(2-Chloroethyl)ether
Concen: 0.112 ng
RT: 7.009 min Scan# 544
Delta R.T. -0.007 min
Lab File: BN033360.D
Acq: 13 Aug 2024 11:14

Tgt Ion: 93 Resp: 1344
Ion Ratio Lower Upper
93 100
63 83.9 65.2 97.8
95 37.0 26.2 39.4

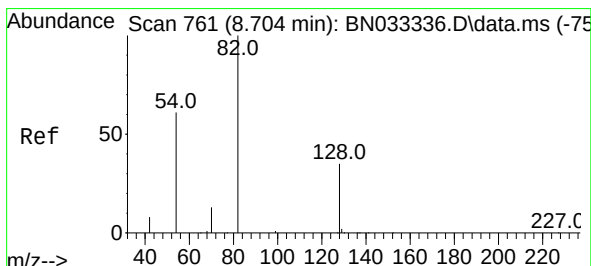
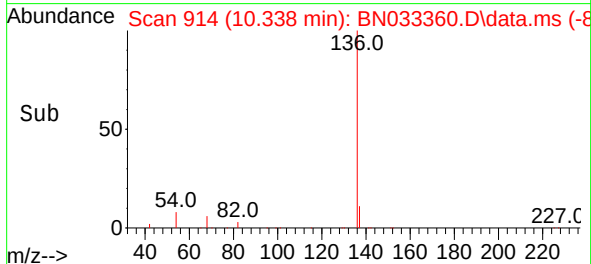
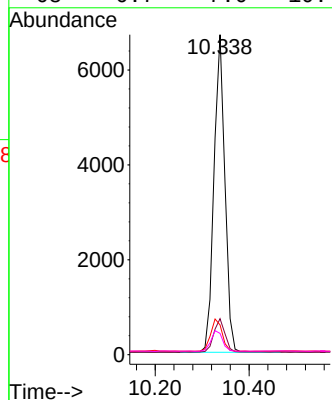
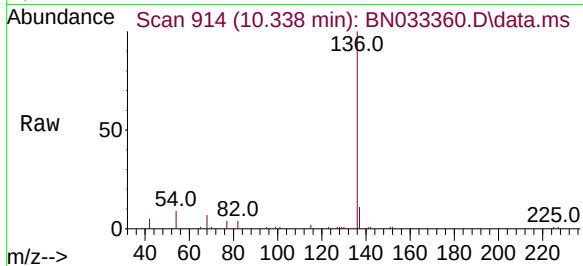




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.338 min Scan# 914
Delta R.T. 0.000 min
Lab File: BN033360.D
Acq: 13 Aug 2024 11:14

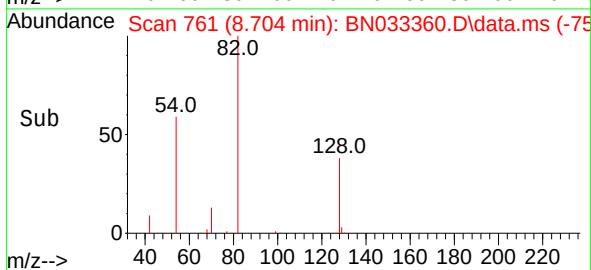
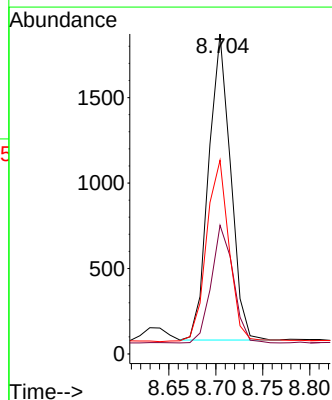
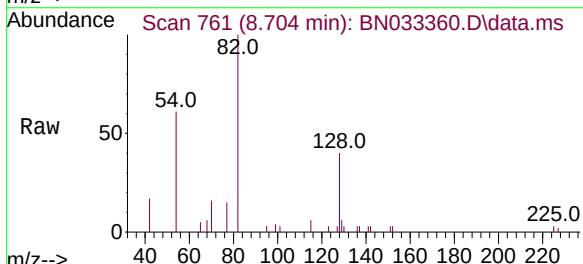
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2024

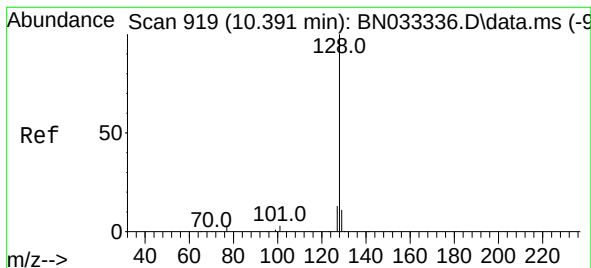
Tgt Ion:	136	Resp:	10822
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.3	9.4	14.0#
68	6.7	7.0	10.4#



#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.704 min Scan# 761
Delta R.T. 0.000 min
Lab File: BN033360.D
Acq: 13 Aug 2024 11:14

Tgt Ion:	82	Resp:	2904
Ion	Ratio	Lower	Upper
82	100		
128	40.2	29.0	43.4
54	60.6	50.2	75.4





#9

Naphthalene

Concen: 0.107 ng

RT: 10.381 min Scan# 918

Delta R.T. -0.011 min

Lab File: BN033360.D

Acq: 13 Aug 2024 11:14

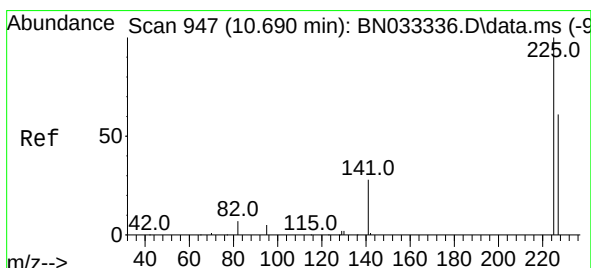
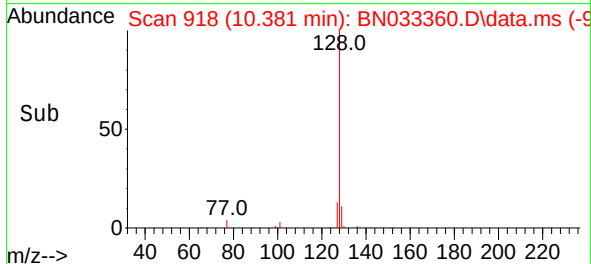
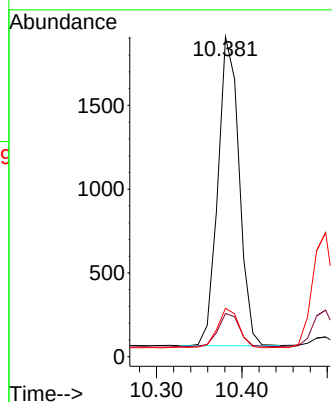
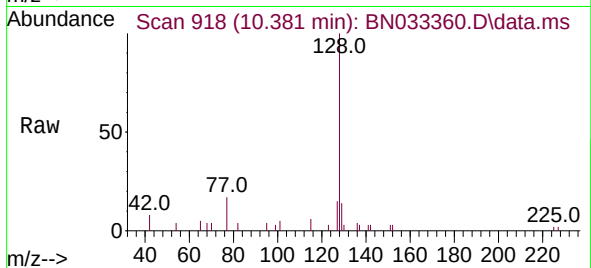
Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion:	128	Resp:	3186
Ion Ratio	Lower	Upper	
128	100		
129	13.5	9.2	13.8
127	15.1	10.6	15.8



#10

Hexachlorobutadiene

Concen: 0.106 ng

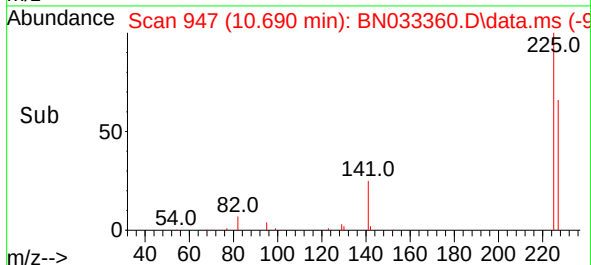
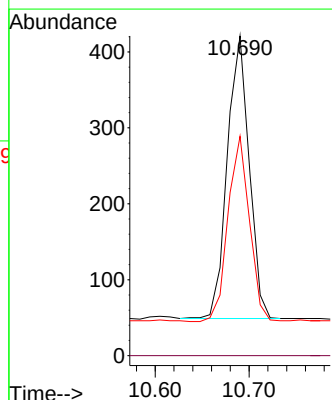
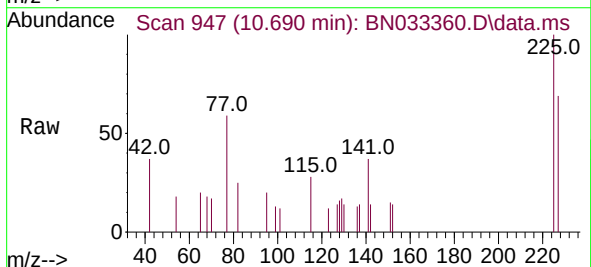
RT: 10.690 min Scan# 947

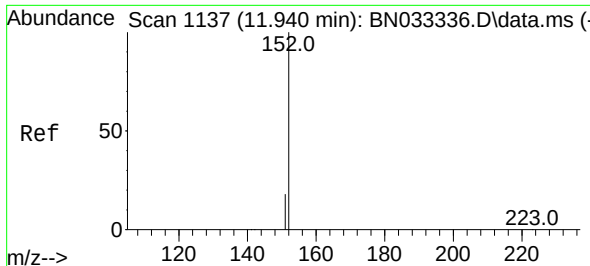
Delta R.T. 0.000 min

Lab File: BN033360.D

Acq: 13 Aug 2024 11:14

Tgt Ion:	225	Resp:	602
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.5	50.8	76.2





#11

2-Methylnaphthalene-d10

Concen: 0.511 ng

RT: 11.936 min Scan# 1136

Delta R.T. -0.004 min

Lab File: BN033360.D

Acq: 13 Aug 2024 11:14

Instrument :

BNA_N

ClientSampleId :

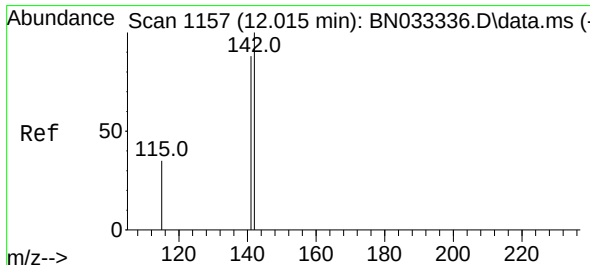
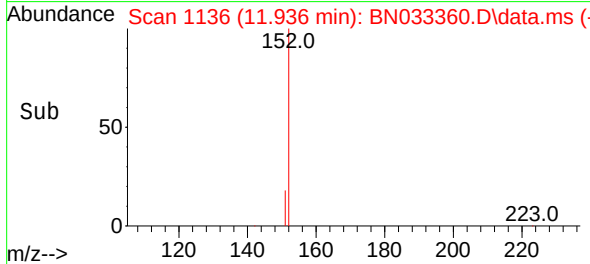
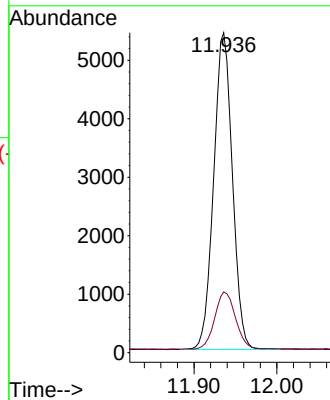
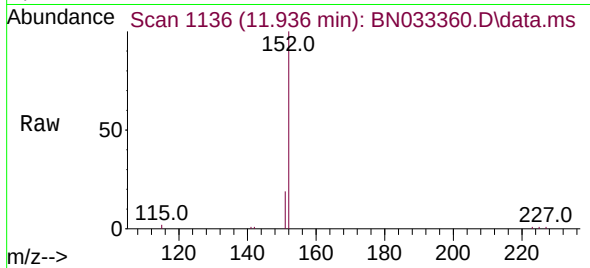
MDL-SOIL-03-QT3-2024

Tgt Ion:152 Resp: 8506

Ion Ratio Lower Upper

152 100

151 19.9 16.7 25.1



#12

2-Methylnaphthalene

Concen: 0.102 ng

RT: 12.008 min Scan# 1155

Delta R.T. -0.008 min

Lab File: BN033360.D

Acq: 13 Aug 2024 11:14

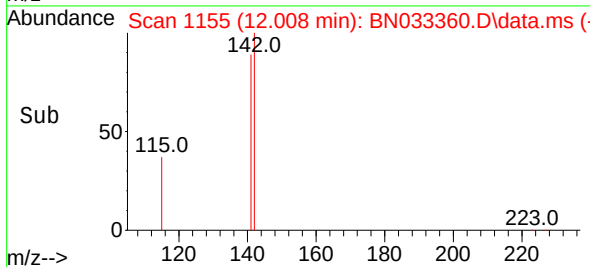
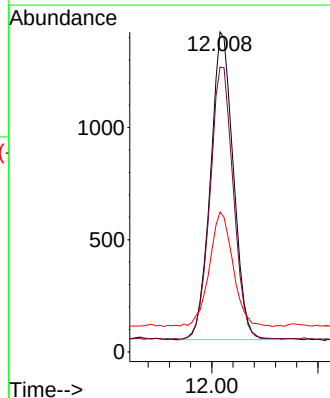
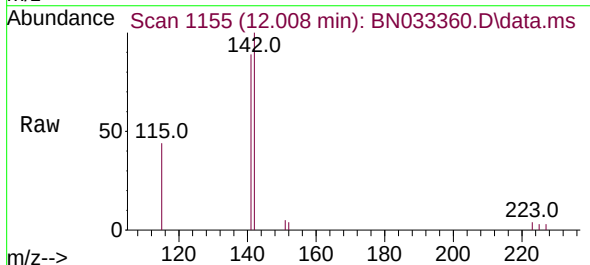
Tgt Ion:142 Resp: 2060

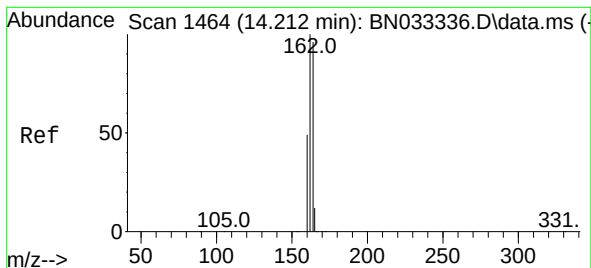
Ion Ratio Lower Upper

142 100

141 89.0 70.2 105.4

115 43.7 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: BN033360.D

Acq: 13 Aug 2024 11:14

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2024

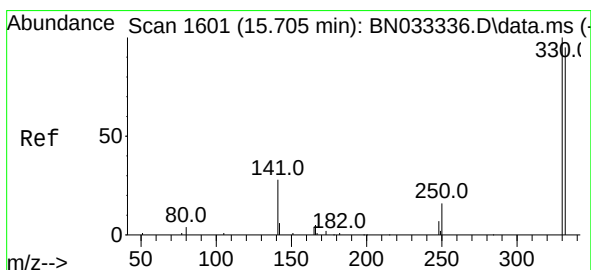
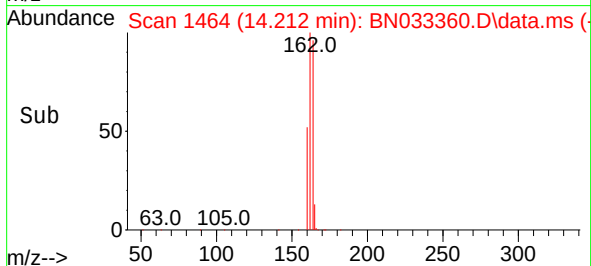
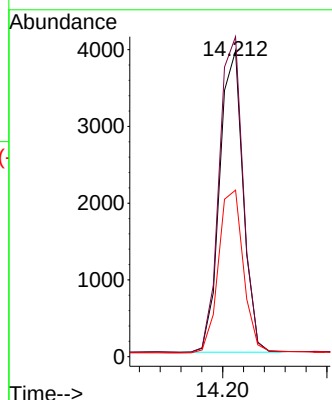
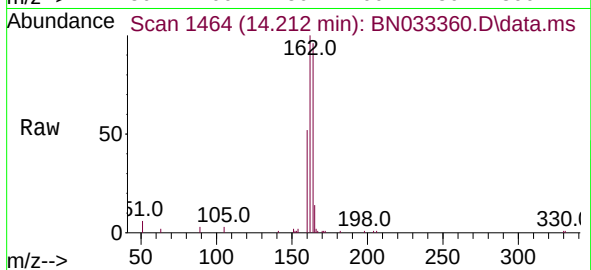
Tgt Ion:164 Resp: 6144

Ion Ratio Lower Upper

164 100

162 104.6 83.1 124.7

160 54.5 41.1 61.7



#14

2,4,6-Tribromophenol

Concen: 0.266 ng

RT: 15.705 min Scan# 1601

Delta R.T. 0.000 min

Lab File: BN033360.D

Acq: 13 Aug 2024 11:14

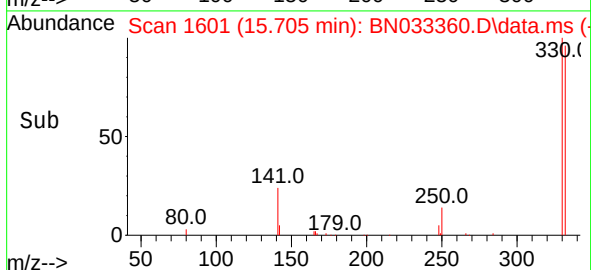
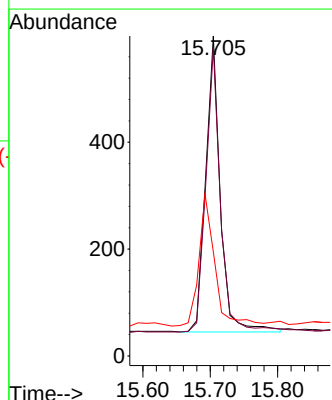
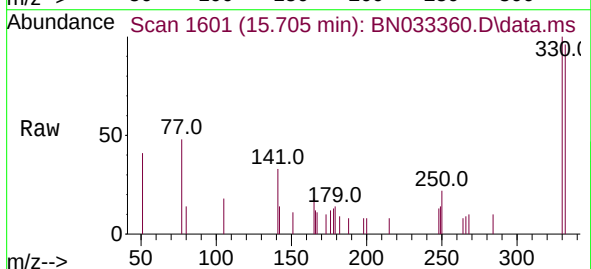
Tgt Ion:330 Resp: 838

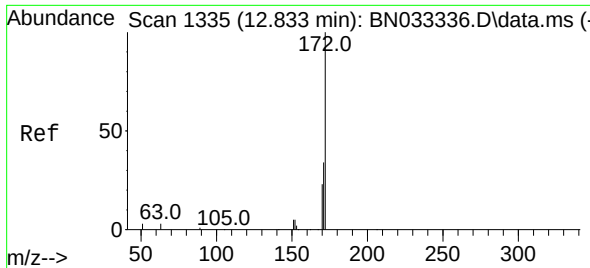
Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

141 48.3 33.4 50.0





#15

2-Fluorobiphenyl

Concen: 0.359 ng

RT: 12.833 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BN033360.D

Acq: 13 Aug 2024 11:14

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2024

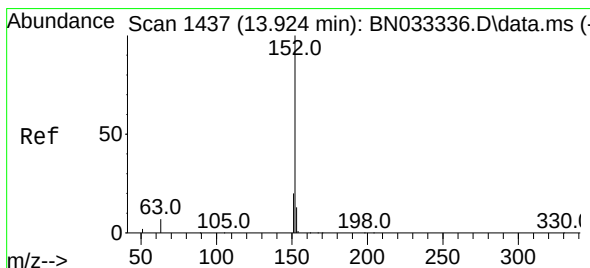
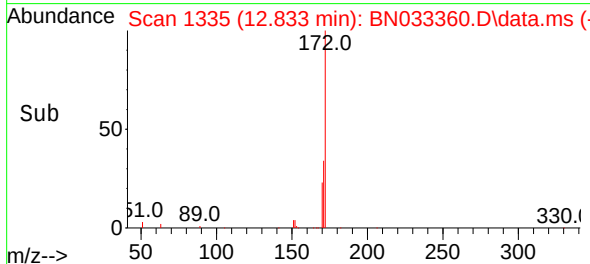
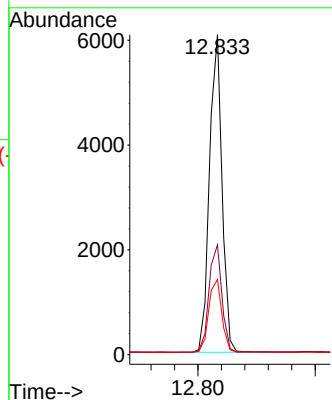
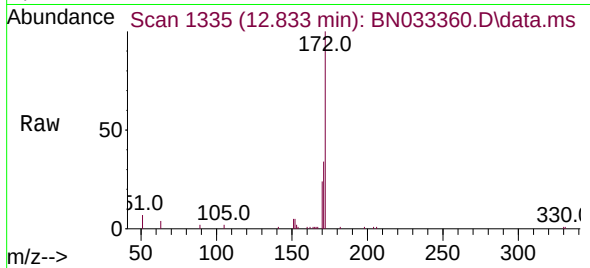
Tgt Ion:172 Resp: 9031

Ion Ratio Lower Upper

172 100

171 34.4 27.8 41.8

170 23.5 18.7 28.1



#16

Acenaphthylene

Concen: 0.104 ng

RT: 13.924 min Scan# 1437

Delta R.T. 0.000 min

Lab File: BN033360.D

Acq: 13 Aug 2024 11:14

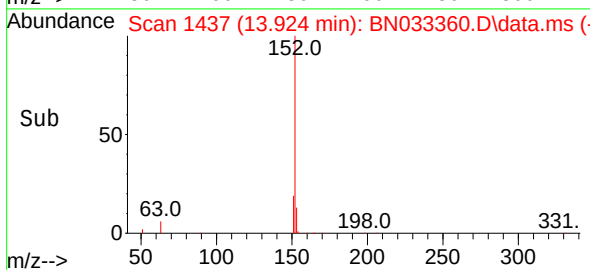
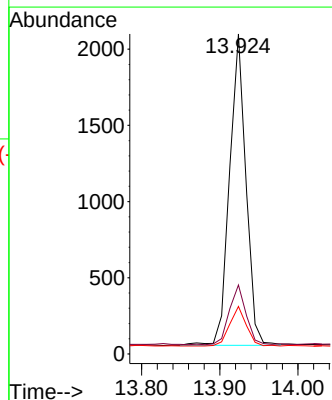
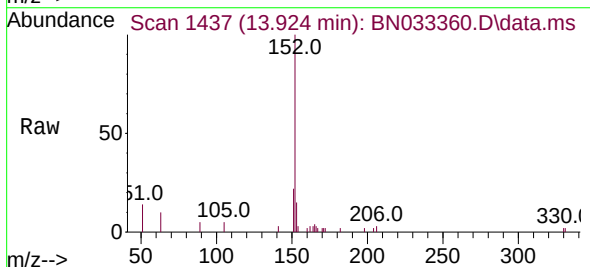
Tgt Ion:152 Resp: 2973

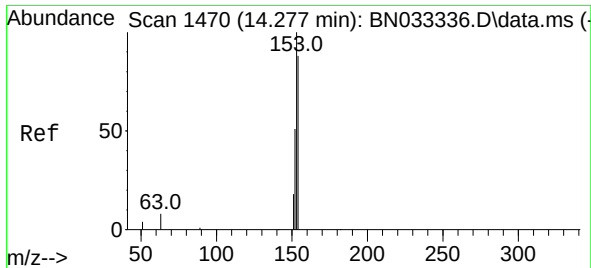
Ion Ratio Lower Upper

152 100

151 19.5 15.7 23.5

153 12.8 10.4 15.6

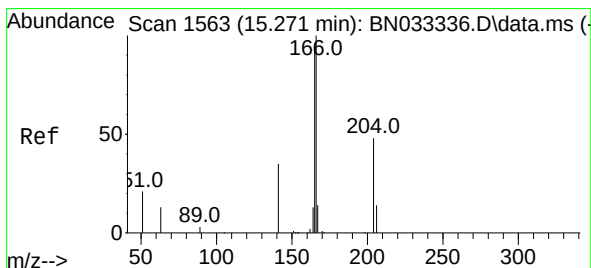
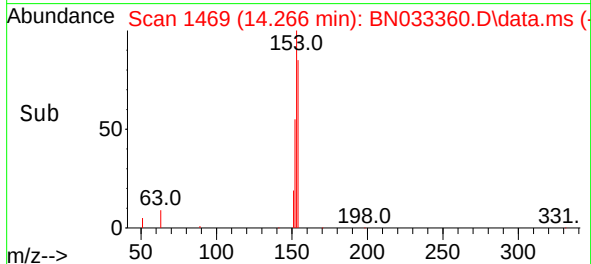
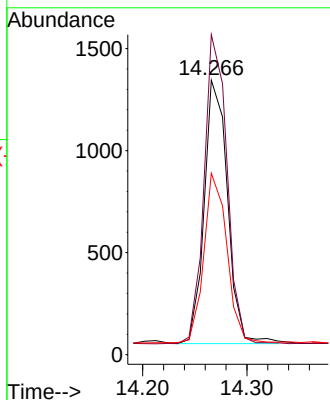
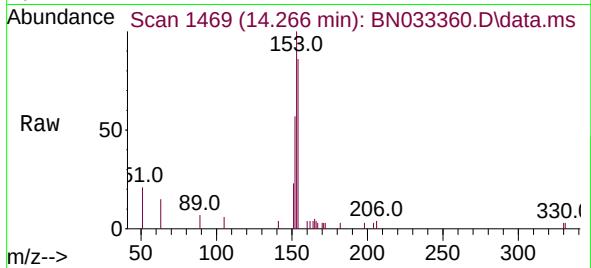




#17
Acenaphthene
Concen: 0.102 ng
RT: 14.266 min Scan# 1469
Delta R.T. -0.011 min
Lab File: BN033360.D
Acq: 13 Aug 2024 11:14

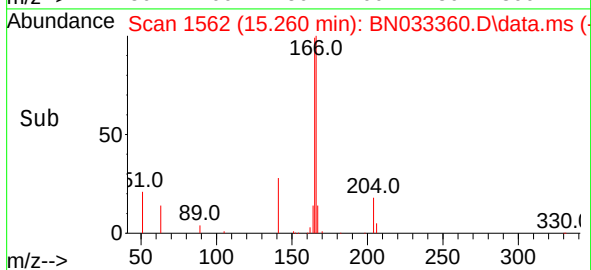
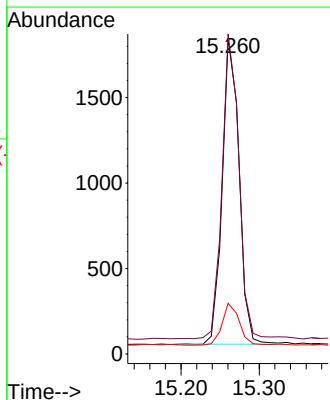
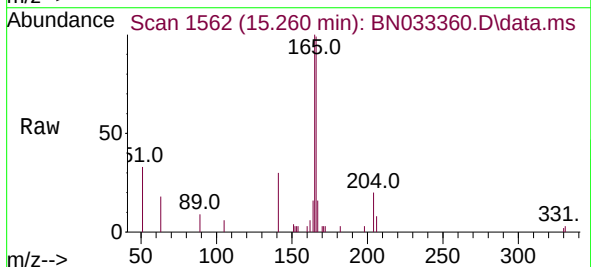
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2024

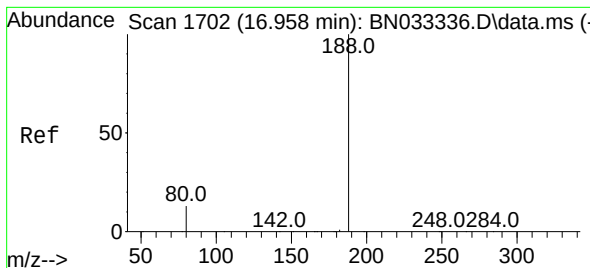
Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.0	89.7	134.5
152	63.8	47.2	70.8



#18
Fluorene
Concen: 0.103 ng
RT: 15.260 min Scan# 1562
Delta R.T. -0.011 min
Lab File: BN033360.D
Acq: 13 Aug 2024 11:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.0	117.0
167	13.9	10.7	16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.958 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN033360.D

Acq: 13 Aug 2024 11:14

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2024

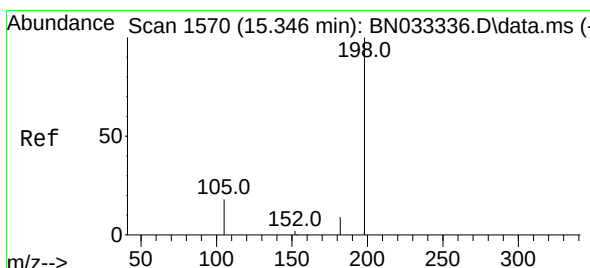
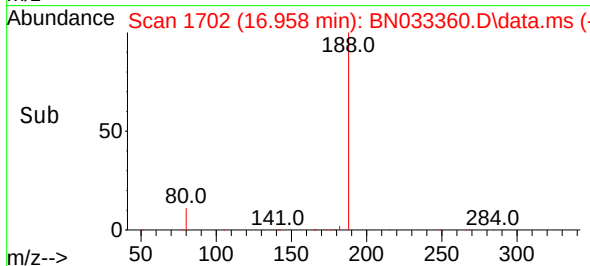
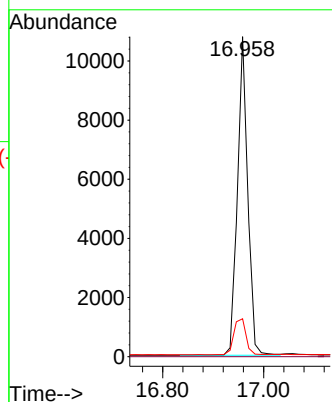
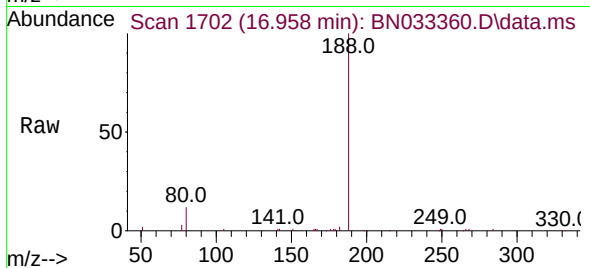
Tgt Ion:188 Resp: 15339

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.8 10.7 16.1



#20

4,6-Dinitro-2-methylphenol

Concen: 0.086 ng

RT: 15.335 min Scan# 1569

Delta R.T. -0.011 min

Lab File: BN033360.D

Acq: 13 Aug 2024 11:14

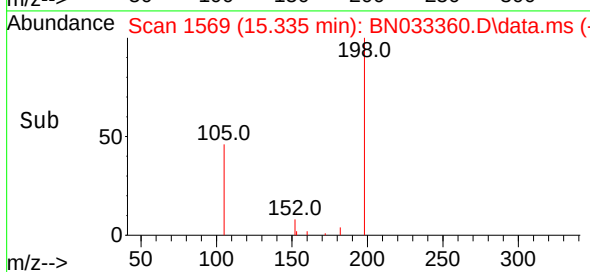
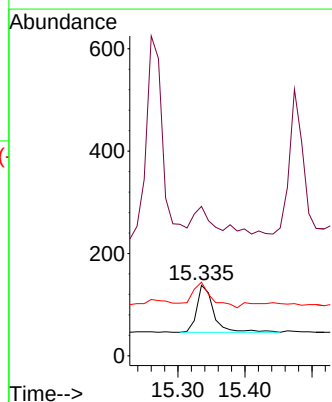
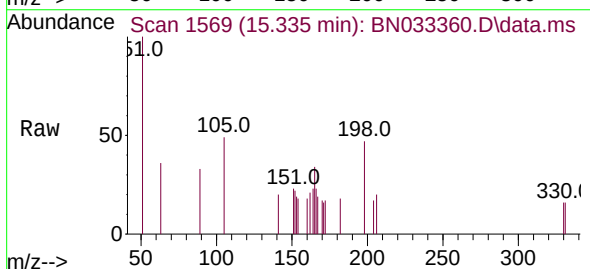
Tgt Ion:198 Resp: 160

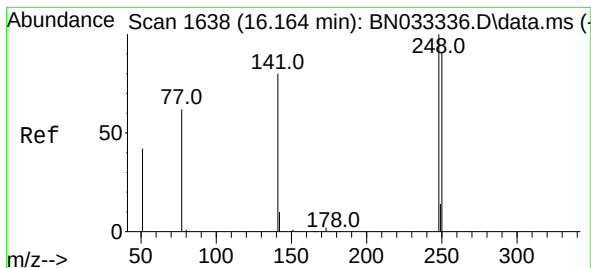
Ion Ratio Lower Upper

198 100

51 211.6 62.8 94.2#

105 104.3 34.1 51.1#

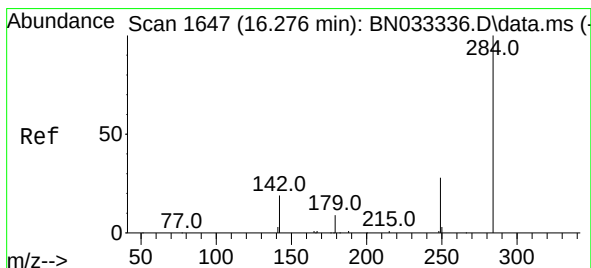
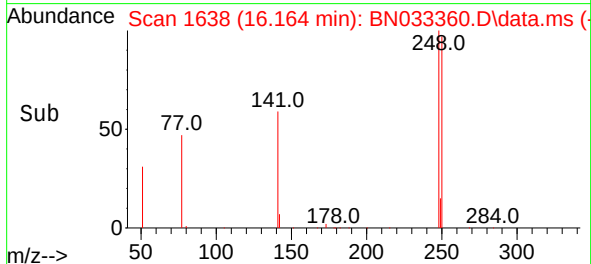
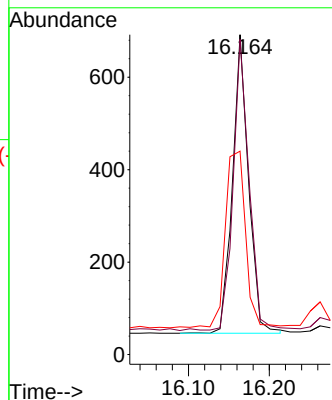
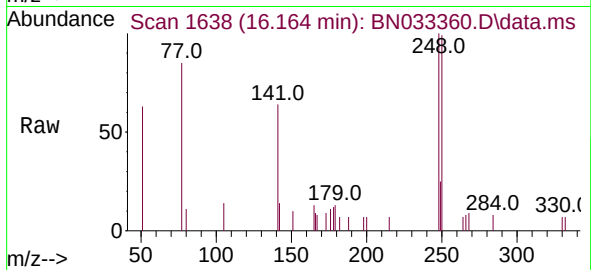




#21
4-Bromophenyl-phenylether
Concen: 0.097 ng
RT: 16.164 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BN033360.D
Acq: 13 Aug 2024 11:14

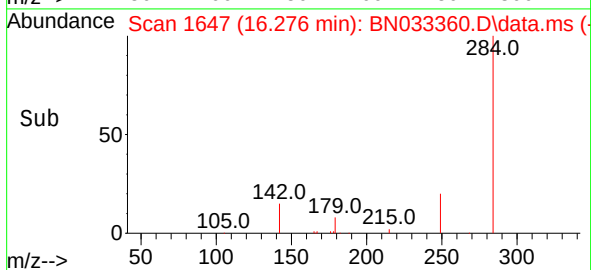
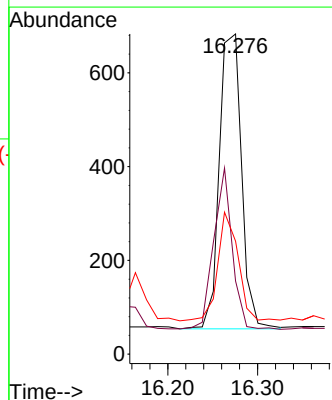
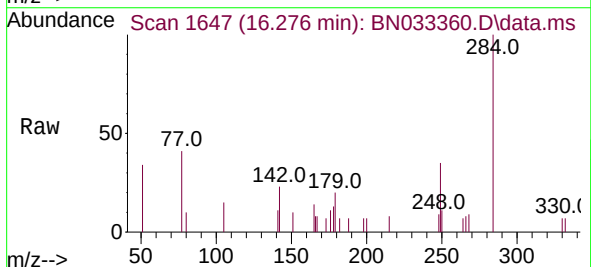
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2024

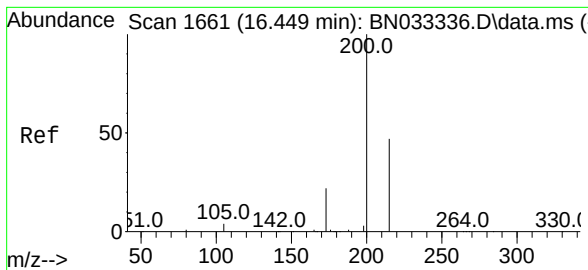
Tgt Ion:248 Resp: 890
Ion Ratio Lower Upper
248 100
250 98.6 73.0 109.4
141 63.6 64.6 96.8#



#22
Hexachlorobenzene
Concen: 0.106 ng
RT: 16.276 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BN033360.D
Acq: 13 Aug 2024 11:14

Tgt Ion:284 Resp: 1086
Ion Ratio Lower Upper
284 100
142 45.3 32.2 48.4
249 33.9 25.3 37.9





#23

Atrazine

Concen: 0.090 ng

RT: 16.437 min Scan# 1660

Delta R.T. -0.012 min

Lab File: BN033360.D

Acq: 13 Aug 2024 11:14

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2024

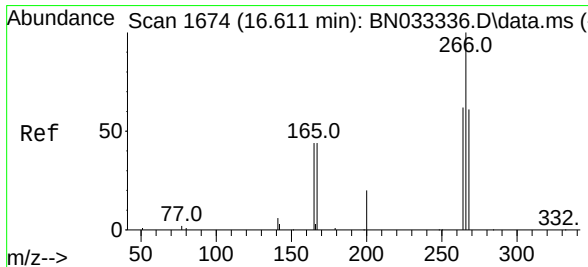
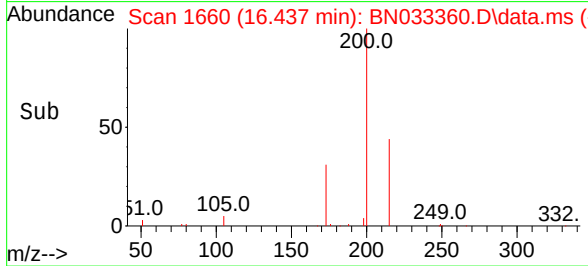
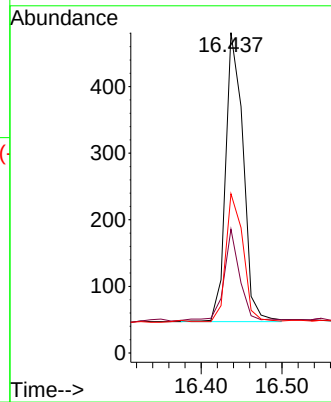
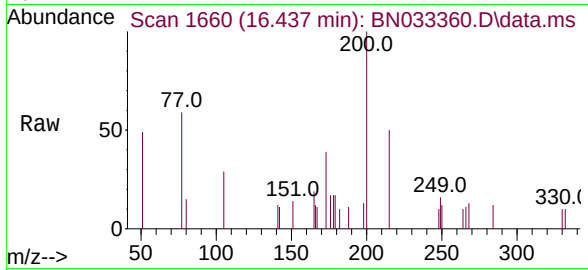
Tgt Ion:200 Resp: 655

Ion Ratio Lower Upper

200 100

173 38.7 18.7 28.1#

215 49.7 38.6 58.0



#24

Pentachlorophenol

Concen: 0.055 ng

RT: 16.611 min Scan# 1674

Delta R.T. 0.000 min

Lab File: BN033360.D

Acq: 13 Aug 2024 11:14

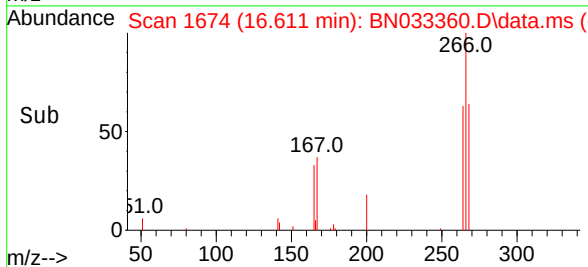
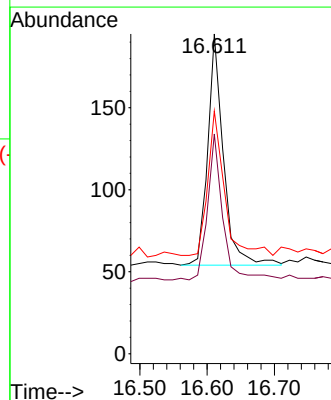
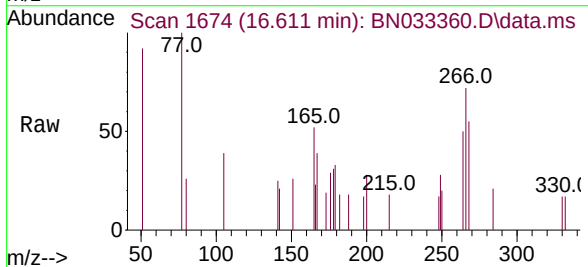
Tgt Ion:266 Resp: 229

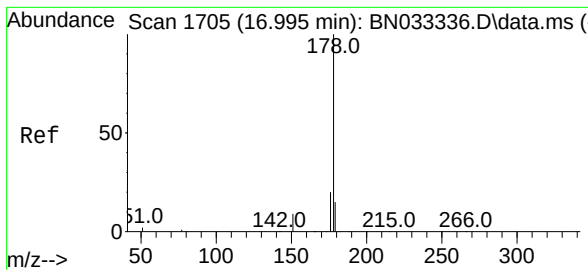
Ion Ratio Lower Upper

266 100

264 61.6 49.2 73.8

268 64.6 51.2 76.8

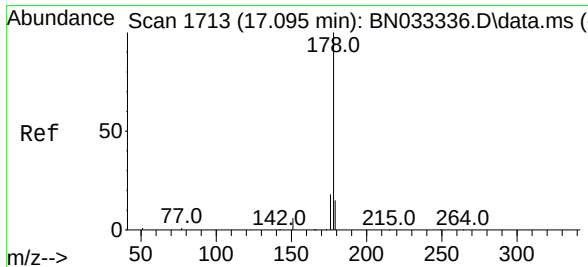
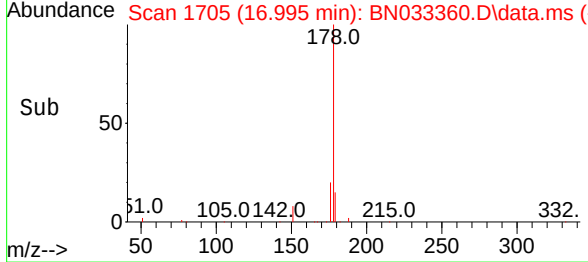
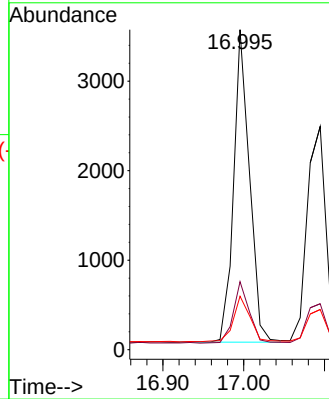
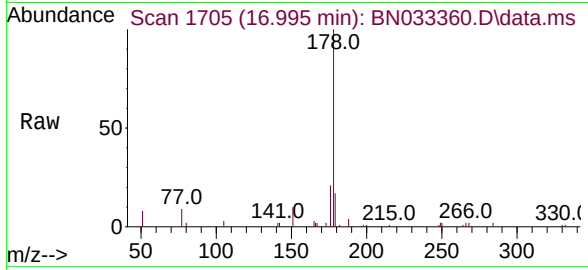




#25
 Phenanthrene
 Concen: 0.108 ng
 RT: 16.995 min Scan# 1705
 Delta R.T. 0.000 min
 Lab File: BN033360.D
 Acq: 13 Aug 2024 11:14

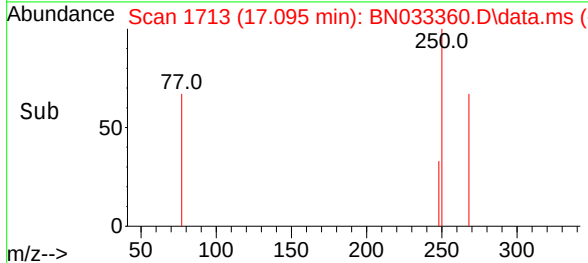
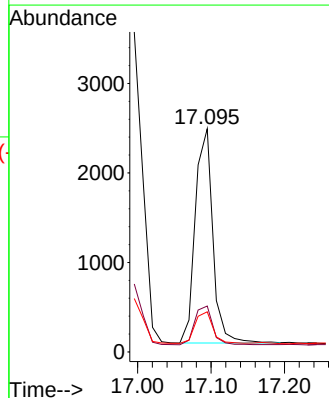
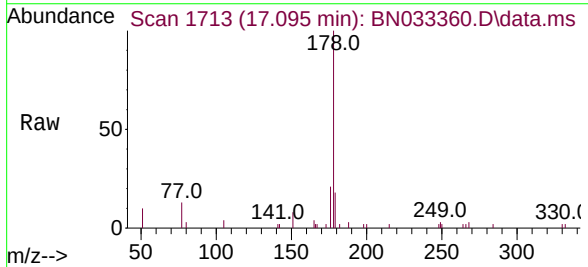
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

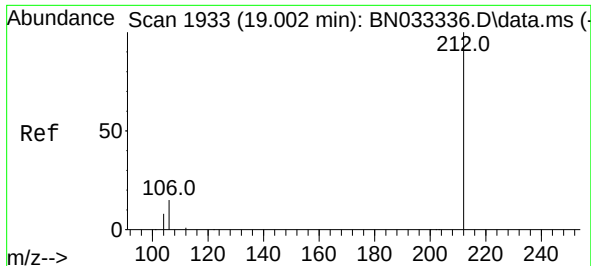
Tgt Ion:	178	Resp:	4764
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.4	23.0
179	15.7	12.2	18.2



#26
 Anthracene
 Concen: 0.101 ng
 RT: 17.095 min Scan# 1713
 Delta R.T. 0.000 min
 Lab File: BN033360.D
 Acq: 13 Aug 2024 11:14

Tgt Ion:	178	Resp:	3974
Ion Ratio	Lower	Upper	
178	100		
176	18.7	14.7	22.1
179	14.8	12.2	18.2

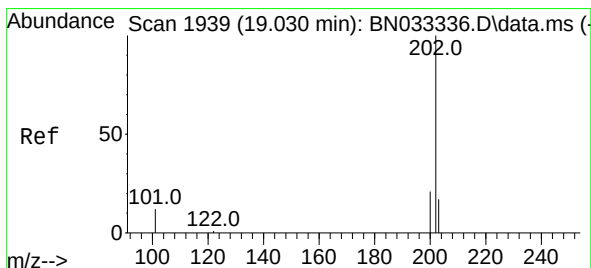
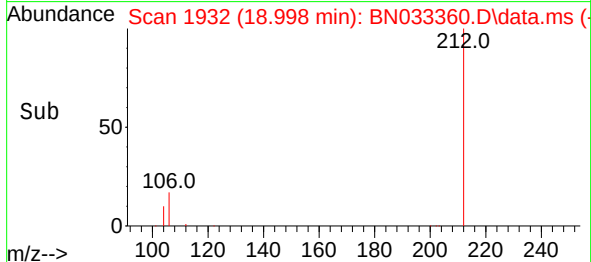
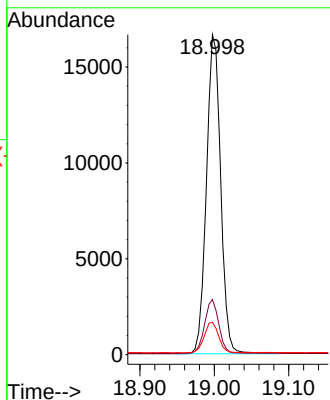
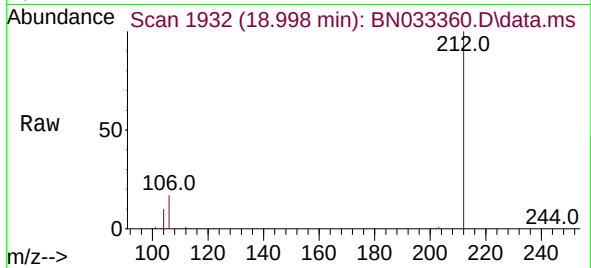




#27
Fluoranthene-d10
Concen: 0.538 ng
RT: 18.998 min Scan# 1932
Delta R.T. -0.005 min
Lab File: BN033360.D
Acq: 13 Aug 2024 11:14

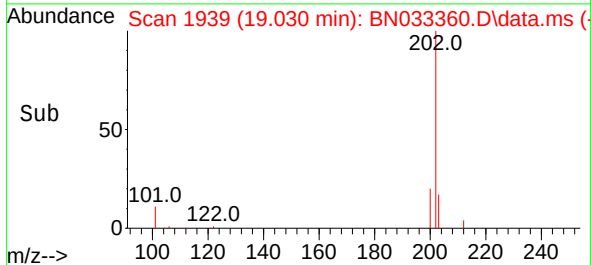
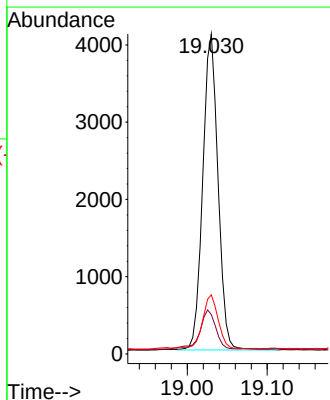
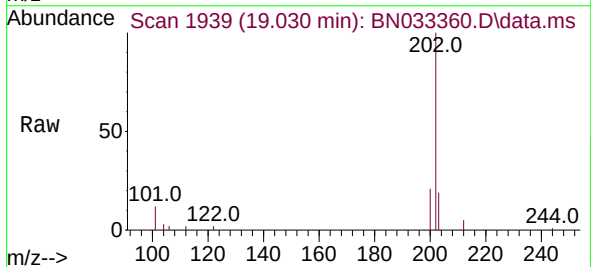
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2024

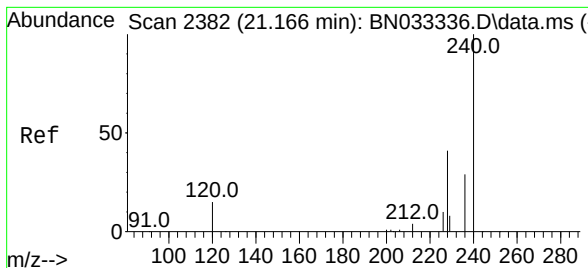
Tgt Ion:212 Resp: 22075
Ion Ratio Lower Upper
212 100
106 16.8 12.8 19.2
104 9.8 7.1 10.7



#28
Fluoranthene
Concen: 0.099 ng
RT: 19.030 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BN033360.D
Acq: 13 Aug 2024 11:14

Tgt Ion:202 Resp: 5398
Ion Ratio Lower Upper
202 100
101 13.3 9.8 14.6
203 17.7 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.166 min Scan# 24

Delta R.T. 0.000 min

Lab File: BN033360.D

Acq: 13 Aug 2024 11:14

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2024

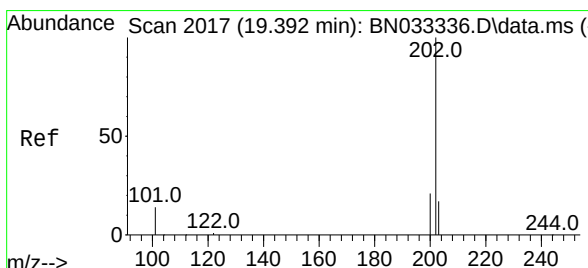
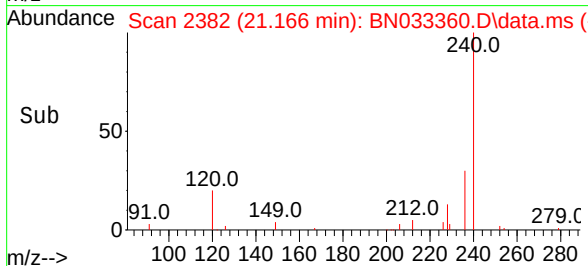
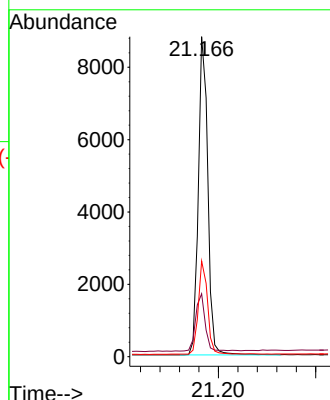
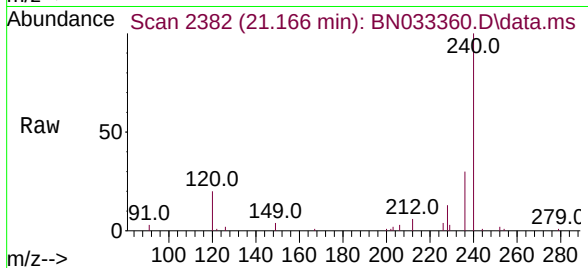
Tgt Ion:240 Resp: 11804

Ion Ratio Lower Upper

240 100

120 19.7 13.0 19.6#

236 29.9 23.2 34.8



#30

Pyrene

Concen: 0.114 ng

RT: 19.392 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BN033360.D

Acq: 13 Aug 2024 11:14

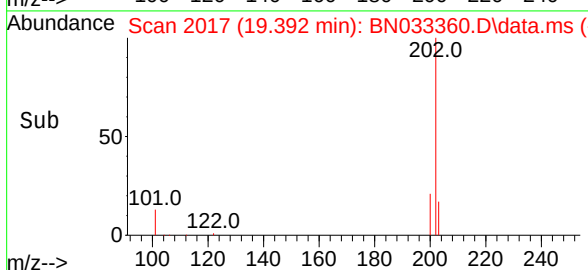
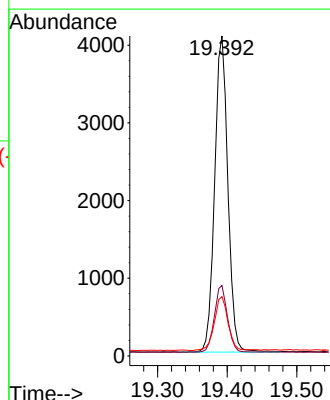
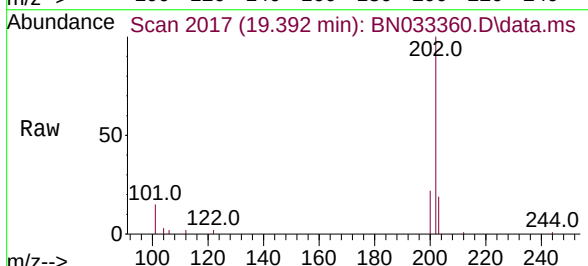
Tgt Ion:202 Resp: 5363

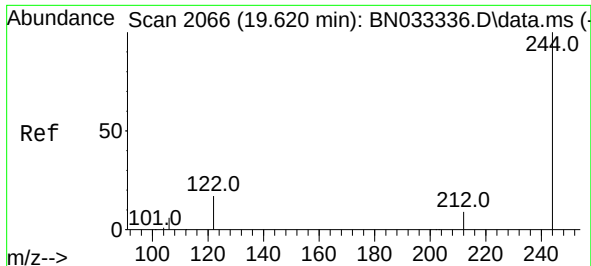
Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

203 17.6 14.2 21.4

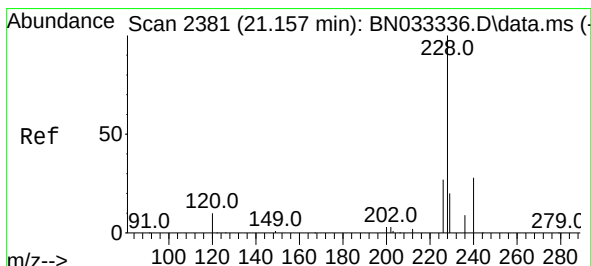
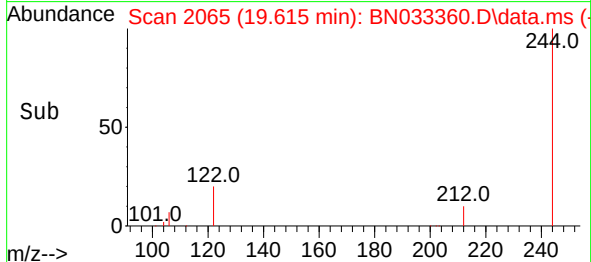
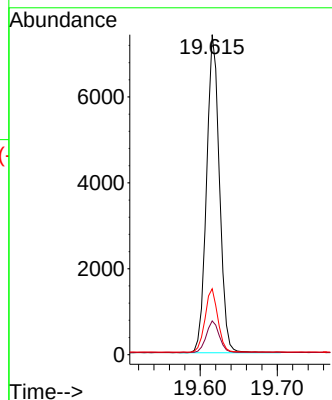
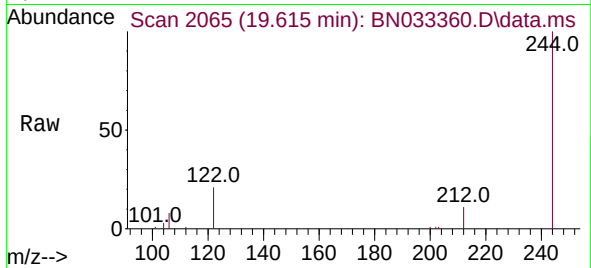




#31
Terphenyl-d14
Concen: 0.386 ng
RT: 19.615 min Scan# 2065
Delta R.T. -0.005 min
Lab File: BN033360.D
Acq: 13 Aug 2024 11:14

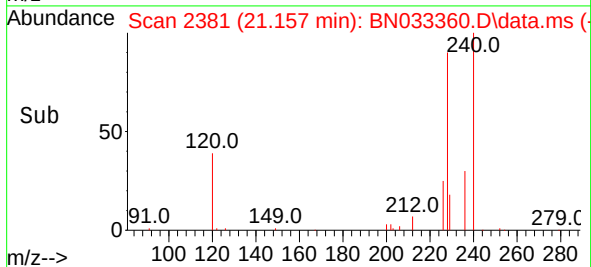
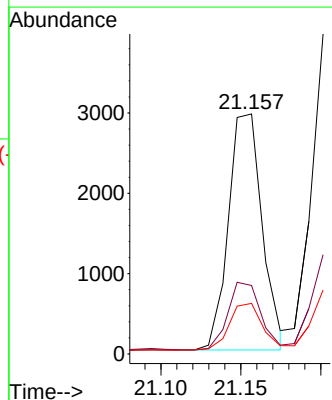
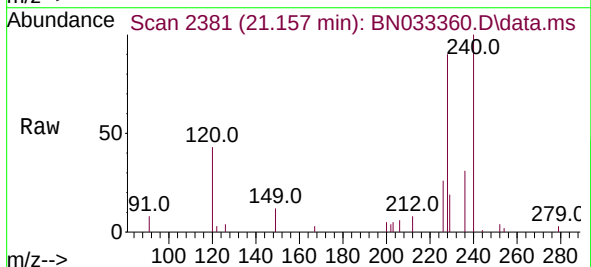
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT3-2024

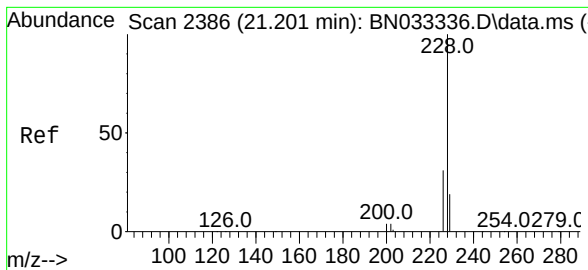
Tgt Ion:244 Resp: 8606
Ion Ratio Lower Upper
244 100
212 10.5 7.7 11.5
122 20.6 14.0 21.0



#32
Benzo(a)anthracene
Concen: 0.098 ng
RT: 21.157 min Scan# 2381
Delta R.T. 0.000 min
Lab File: BN033360.D
Acq: 13 Aug 2024 11:14

Tgt Ion:228 Resp: 4330
Ion Ratio Lower Upper
228 100
226 28.6 21.6 32.4
229 21.1 15.9 23.9





#33

Chrysene

Concen: 0.112 ng

RT: 21.201 min Scan# 2386

Delta R.T. 0.000 min

Lab File: BN033360.D

Acq: 13 Aug 2024 11:14

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2024

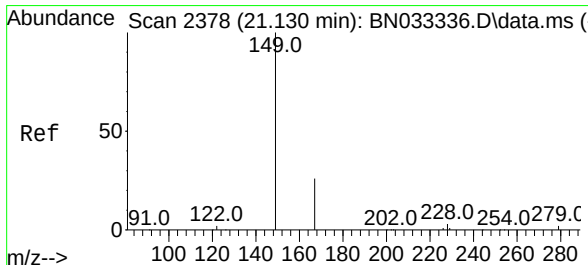
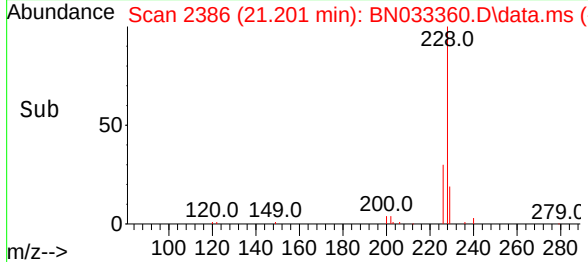
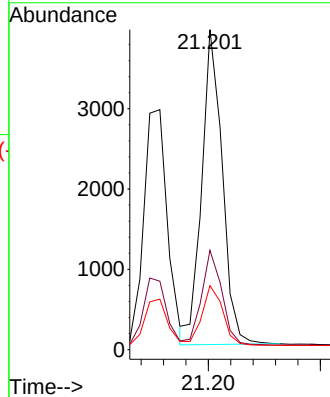
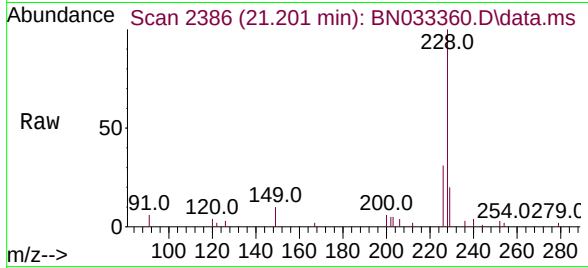
Tgt Ion:228 Resp: 4993

Ion Ratio Lower Upper

228 100

226 31.0 24.7 37.1

229 20.0 15.4 23.2



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.114 ng

RT: 21.130 min Scan# 2378

Delta R.T. 0.000 min

Lab File: BN033360.D

Acq: 13 Aug 2024 11:14

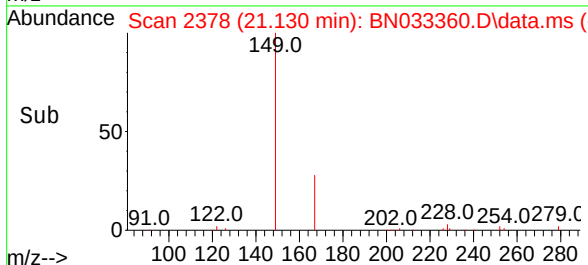
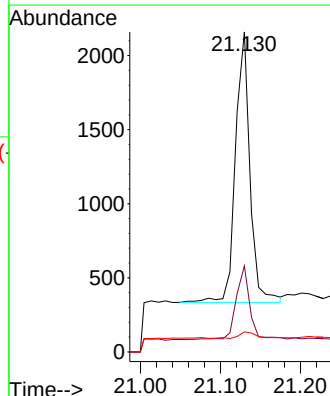
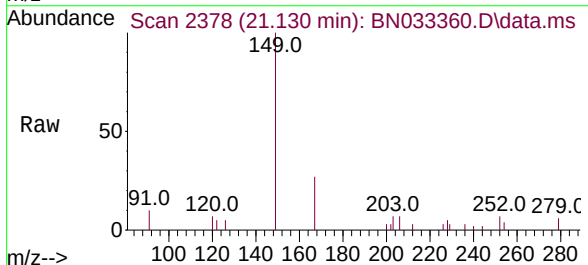
Tgt Ion:149 Resp: 2293

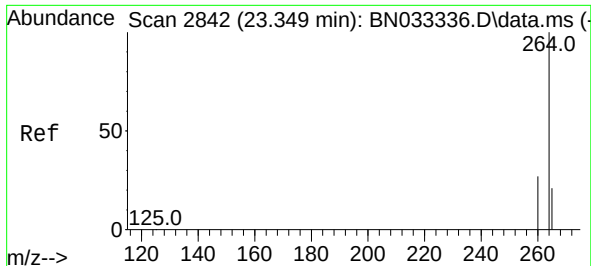
Ion Ratio Lower Upper

149 100

167 25.4 20.9 31.3

279 2.7 2.2 3.4





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN033360.D

Acq: 13 Aug 2024 11:14

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2024

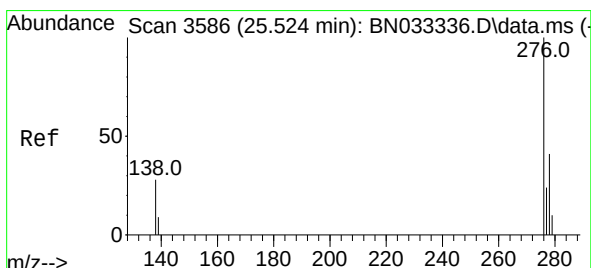
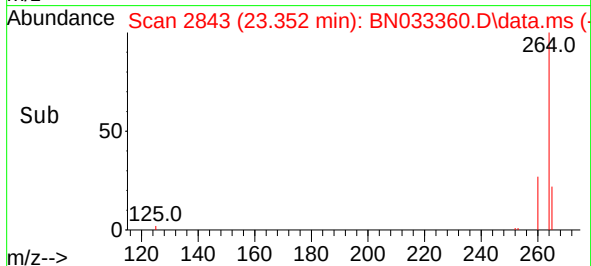
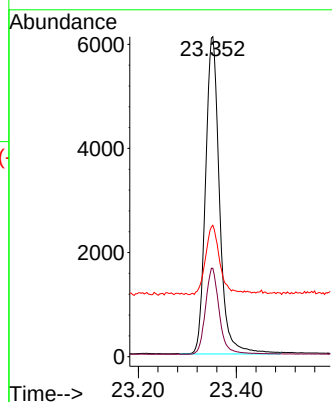
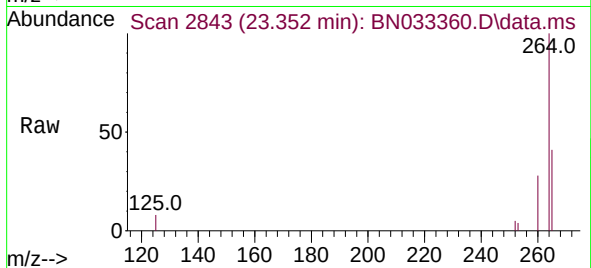
Tgt Ion:264 Resp: 12083

Ion Ratio Lower Upper

264 100

260 27.6 21.6 32.4

265 41.1 29.3 43.9



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.084 ng

RT: 25.521 min Scan# 3585

Delta R.T. -0.003 min

Lab File: BN033360.D

Acq: 13 Aug 2024 11:14

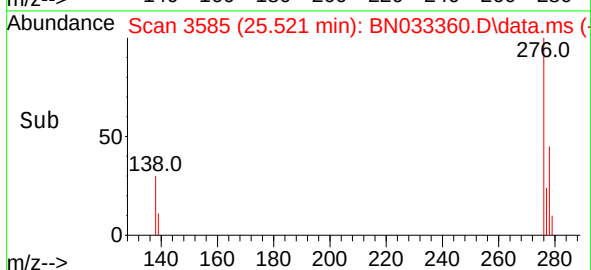
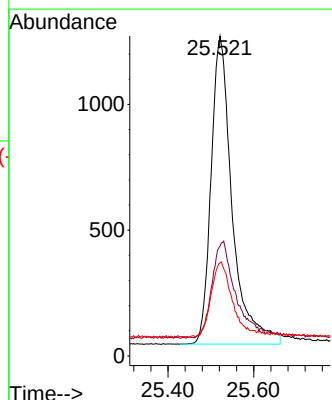
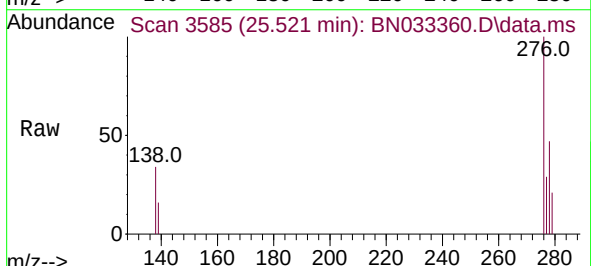
Tgt Ion:276 Resp: 4187

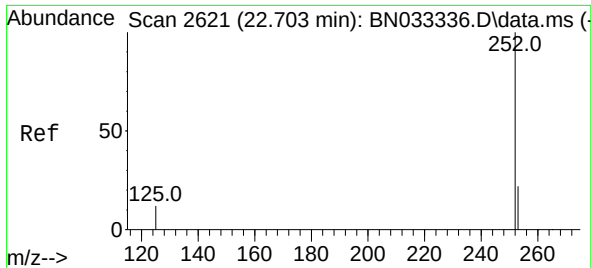
Ion Ratio Lower Upper

276 100

138 33.8 24.9 37.3

277 24.1 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.099 ng

RT: 22.703 min Scan# 2621

Delta R.T. 0.000 min

Lab File: BN033360.D

Acq: 13 Aug 2024 11:14

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2024

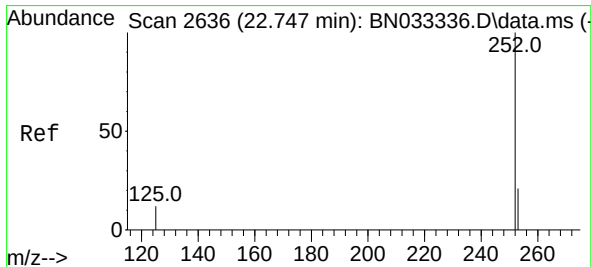
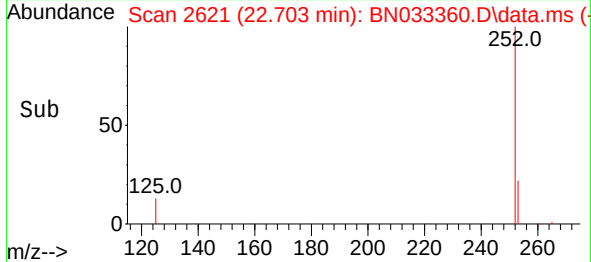
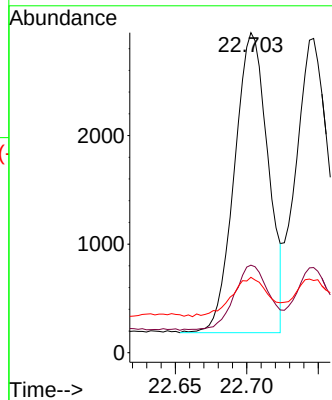
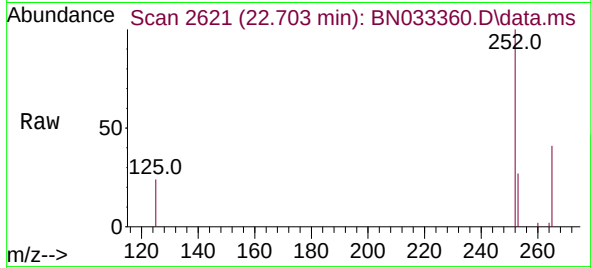
Tgt Ion:252 Resp: 4524

Ion Ratio Lower Upper

252 100

253 27.3 18.2 27.2#

125 23.6 11.3 16.9#



#38

Benzo(k)fluoranthene

Concen: 0.096 ng

RT: 22.747 min Scan# 2636

Delta R.T. 0.000 min

Lab File: BN033360.D

Acq: 13 Aug 2024 11:14

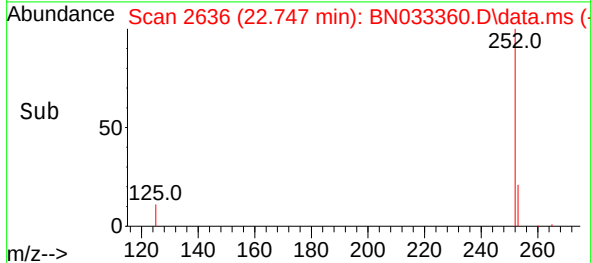
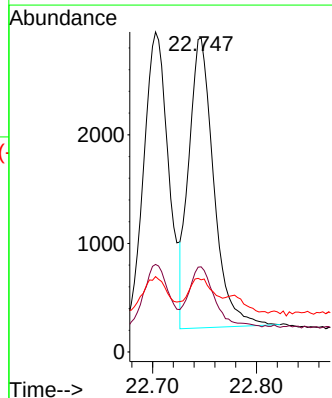
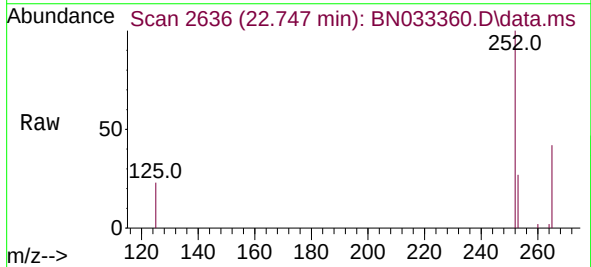
Tgt Ion:252 Resp: 4443

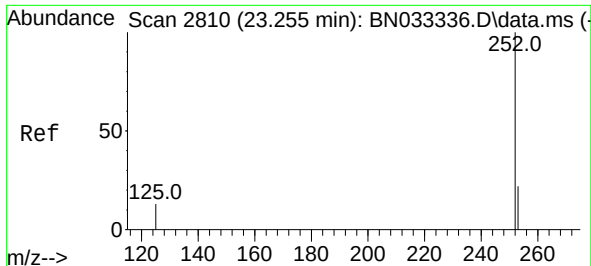
Ion Ratio Lower Upper

252 100

253 27.1 17.9 26.9#

125 23.0 11.3 16.9#





#39

Benzo(a)pyrene

Concen: 0.090 ng

RT: 23.255 min Scan# 2810

Delta R.T. 0.000 min

Lab File: BN033360.D

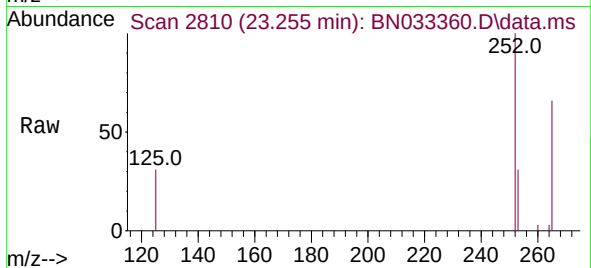
Acq: 13 Aug 2024 11:14

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT3-2024



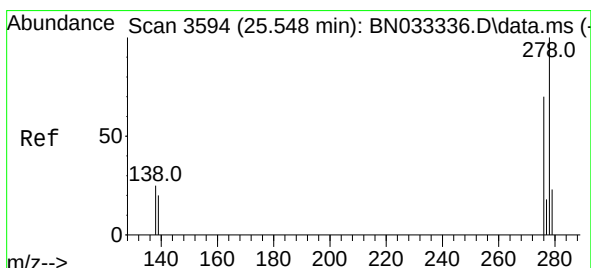
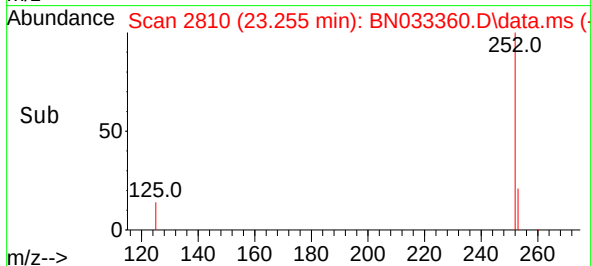
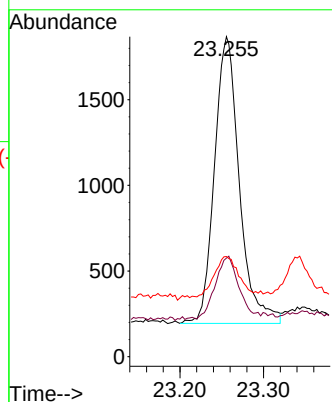
Tgt Ion:252 Resp: 3459

Ion Ratio Lower Upper

252 100

253 30.8 18.6 28.0#

125 31.3 12.6 19.0#



#40

Dibenzo(a,h)anthracene

Concen: 0.080 ng

RT: 25.542 min Scan# 3592

Delta R.T. -0.006 min

Lab File: BN033360.D

Acq: 13 Aug 2024 11:14

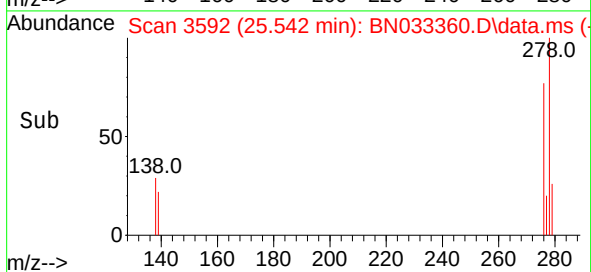
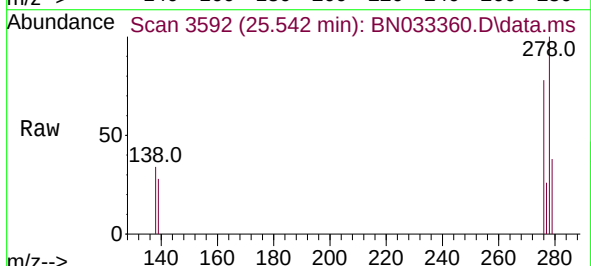
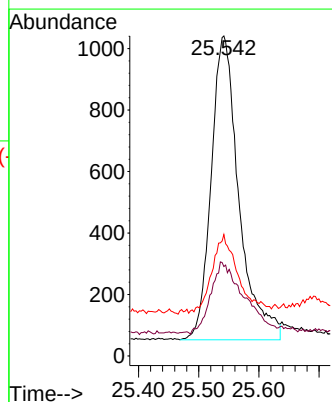
Tgt Ion:278 Resp: 3170

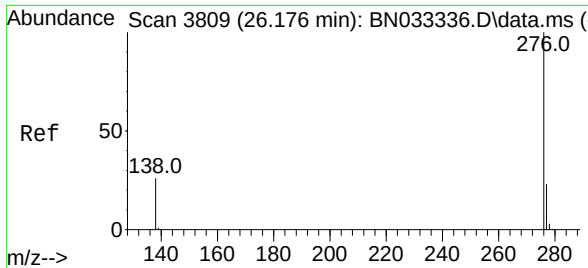
Ion Ratio Lower Upper

278 100

139 28.0 17.0 25.6#

279 37.9 20.0 30.0#





#41
 Benzo(g,h,i)perylene
 Concen: 0.085 ng
 RT: 26.176 min Scan# 3809
 Delta R.T. 0.000 min
 Lab File: BN033360.D
 Acq: 13 Aug 2024 11:14

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

Tgt Ion:	276	Resp:	3731
Ion Ratio	Lower	Upper	
276	100		
277	29.5	19.4	29.2#
138	33.1	21.6	32.4#

