

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
 Data File : BN033777.D
 Acq On : 06 Sep 2024 11:45
 Operator : MA/JU
 Sample : P2403-03
 Misc : MDL-MDL-SOIL-0.2ng
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

Quant Time: Sep 06 12:29:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 18:36:01 2024
 Response via : Initial Calibration

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

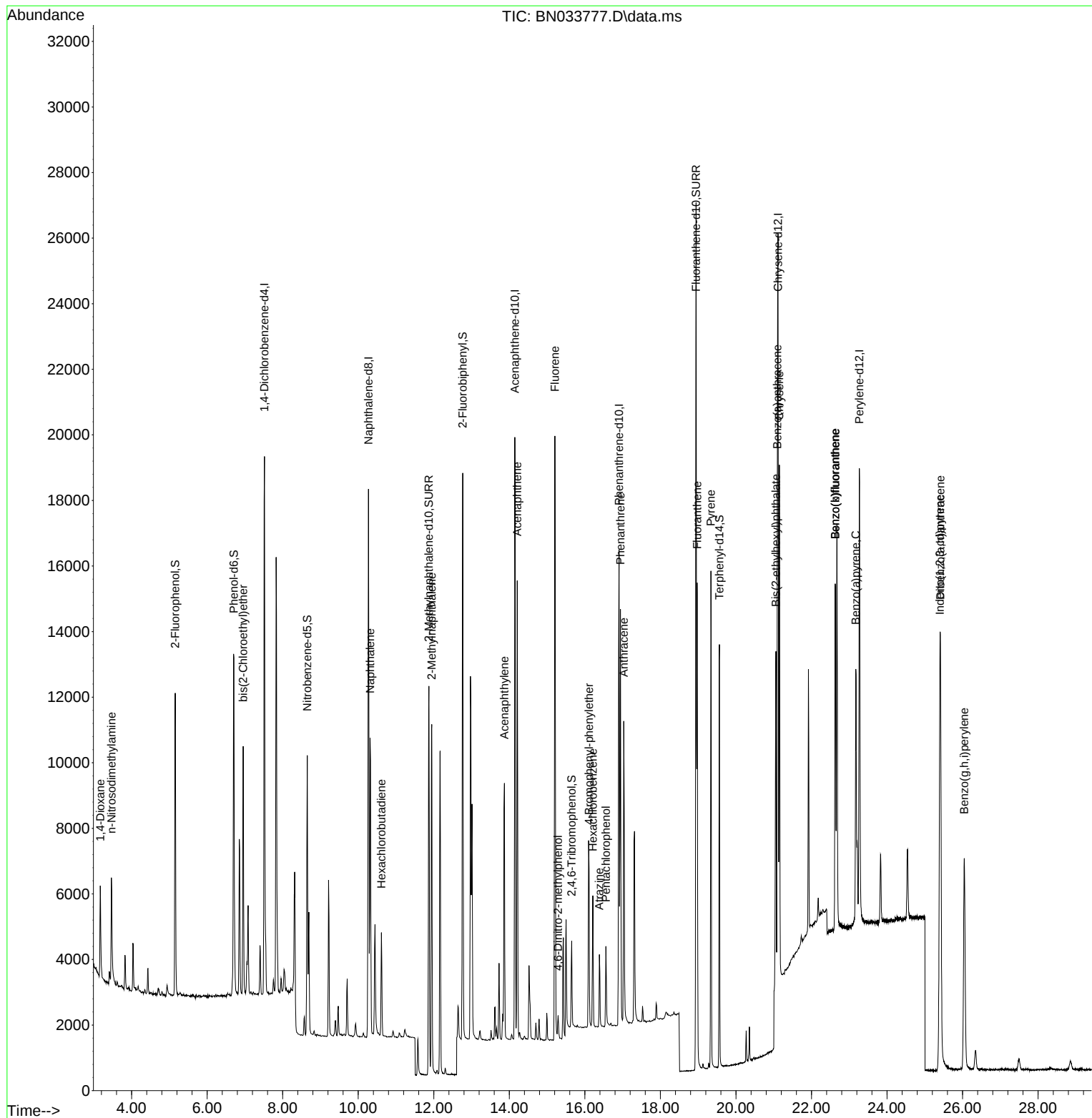
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	7845	0.400	ng	0.00
7) Naphthalene-d8	10.272	136	21096	0.400	ng	# 0.00
13) Acenaphthene-d10	14.146	164	10058	0.400	ng	-0.01
19) Phenanthrene-d10	16.905	188	20461	0.400	ng	# 0.00
29) Chrysene-d12	21.113	240	16359	0.400	ng	0.00
35) Perylene-d12	23.268	264	17559	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	7234	0.301	ng	0.00
5) Phenol-d6	6.707	99	9502	0.334	ng	0.00
8) Nitrobenzene-d5	8.649	82	6406	0.357	ng	0.00
11) 2-Methylnaphthalene-d10	11.869	152	16559	0.555	ng	0.00
14) 2,4,6-Tribromophenol	15.651	330	1513	0.298	ng	0.00
15) 2-Fluorobiphenyl	12.767	172	14710	0.351	ng	0.00
27) Fluoranthene-d10	18.942	212	29029	0.575	ng	0.00
31) Terphenyl-d14	19.560	244	12139	0.348	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	2085	0.234	ng	96
3) n-Nitrosodimethylamine	3.464	42	2259	0.216	ng	# 96
6) bis(2-Chloroethyl)ether	6.953	93	5027	0.234	ng	100
9) Naphthalene	10.314	128	12226	0.217	ng	99
10) Hexachlorobutadiene	10.613	225	2437	0.208	ng	# 99
12) 2-Methylnaphthalene	11.945	142	7473	0.216	ng	100
16) Acenaphthylene	13.868	152	9085	0.209	ng	99
17) Acenaphthene	14.210	154	6300	0.211	ng	99
18) Fluorene	15.204	166	7762	0.211	ng	99
20) 4,6-Dinitro-2-methylph...	15.290	198	548	0.170	ng	96
21) 4-Bromophenyl-phenylether	16.110	248	2409	0.203	ng	93
22) Hexachlorobenzene	16.209	284	2740	0.202	ng	97
23) Atrazine	16.383	200	1856	0.196	ng	# 89
24) Pentachlorophenol	16.557	266	1192	0.214	ng	99
25) Phenanthrene	16.942	178	12239	0.217	ng	99
26) Anthracene	17.029	178	10357	0.211	ng	100
28) Fluoranthene	18.975	202	13073	0.207	ng	100
30) Pyrene	19.337	202	13162	0.200	ng	100
32) Benzo(a)anthracene	21.095	228	12235	0.210	ng	98
33) Chrysene	21.148	228	12539	0.217	ng	99
34) Bis(2-ethylhexyl)phtha...	21.059	149	6904	0.217	ng	99
36) Indeno(1,2,3-cd)pyrene	25.399	276	16114	0.222	ng	98
37) Benzo(b)fluoranthene	22.628	252	12783	0.198	ng	99
38) Benzo(k)fluoranthene	22.628	252	12783	0.203	ng	98
39) Benzo(a)pyrene	23.174	252	11334	0.210	ng	98
40) Dibenzo(a,h)anthracene	25.414	278	12724	0.219	ng	99
41) Benzo(g,h,i)perylene	26.045	276	12893	0.204	ng	100

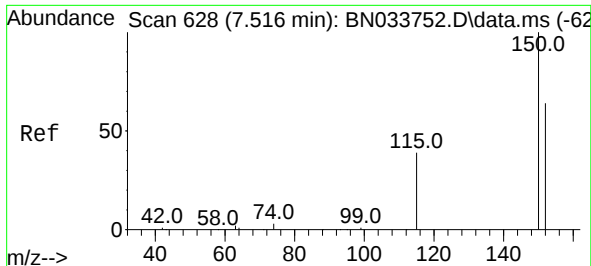
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
Data File : BN033777.D
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BNA_N
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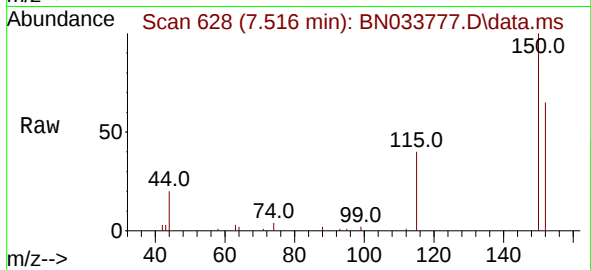
Quant Time: Sep 06 12:29:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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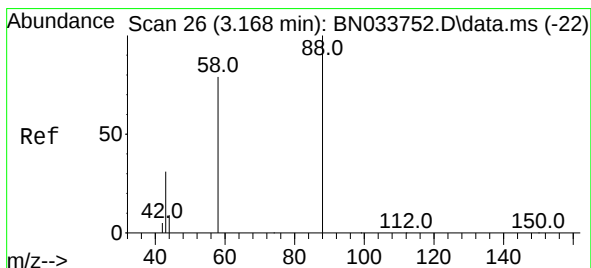
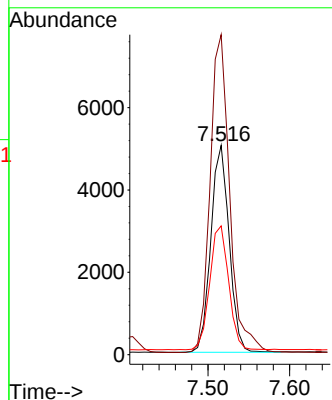
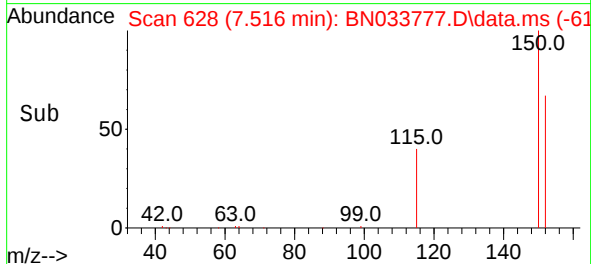


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.516 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN033777.D
 Acq: 06 Sep 2024 11:45

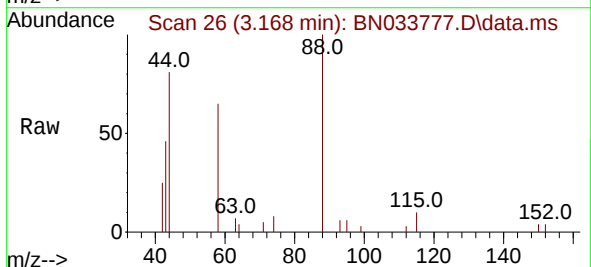
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2024



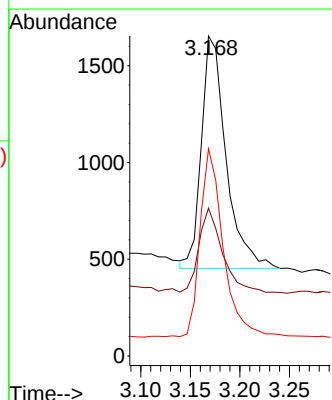
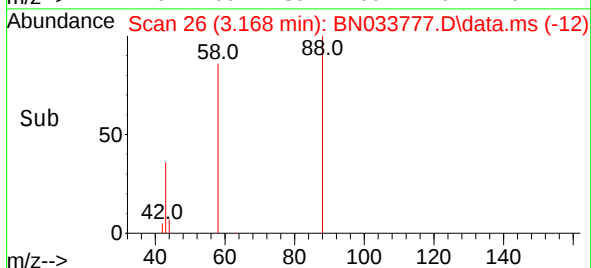
Tgt Ion:152 Resp: 7845
 Ion Ratio Lower Upper
 152 100
 150 152.9 123.3 184.9
 115 61.6 51.0 76.4

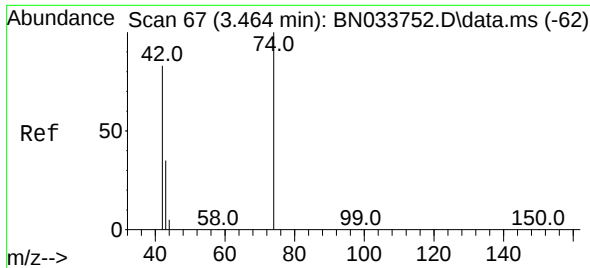


#2
 1,4-Dioxane
 Concen: 0.234 ng
 RT: 3.168 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: BN033777.D
 Acq: 06 Sep 2024 11:45



Tgt Ion: 88 Resp: 2085
 Ion Ratio Lower Upper
 88 100
 43 34.2 29.0 43.4
 58 76.5 64.1 96.1

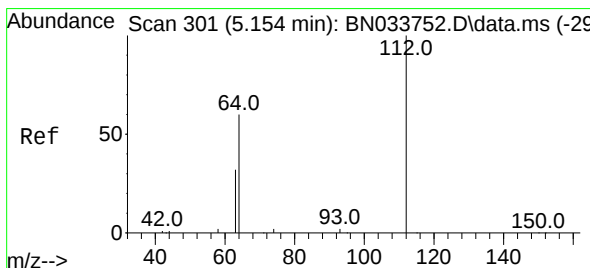
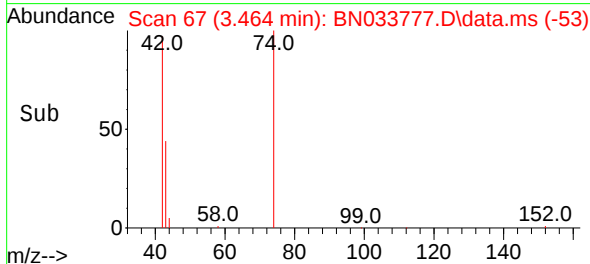
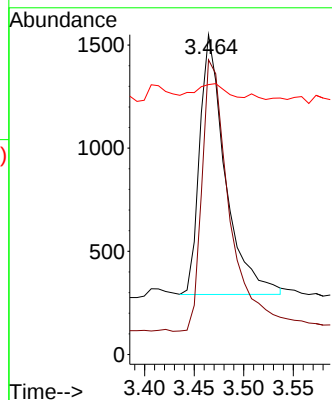
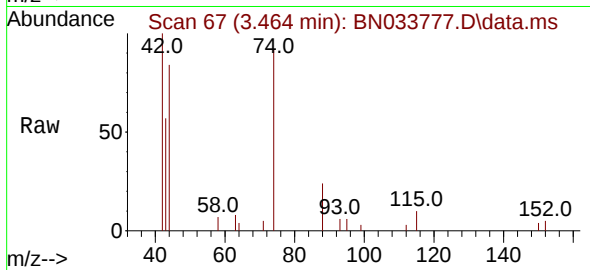




#3
n-Nitrosodimethylamine
Concen: 0.216 ng
RT: 3.464 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

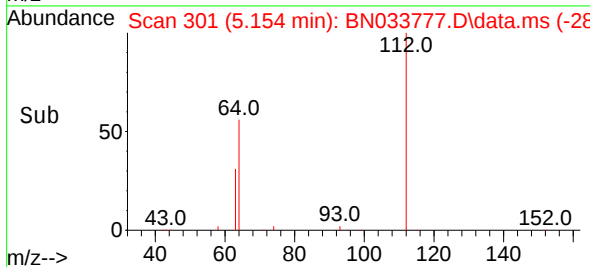
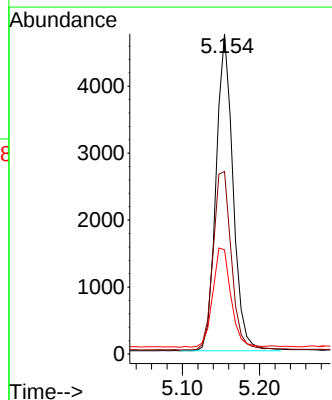
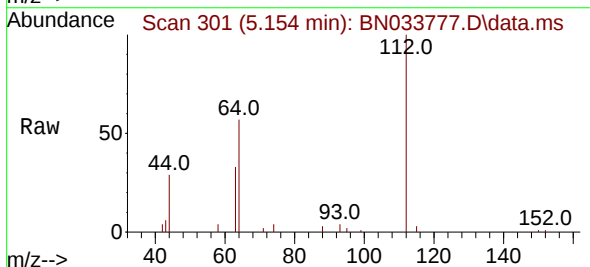
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024

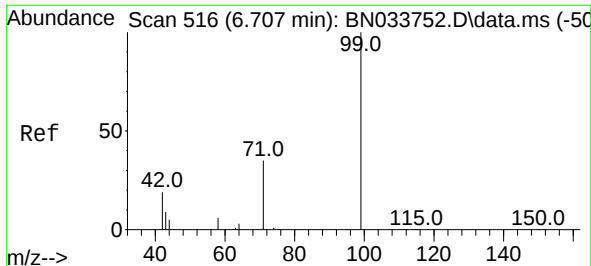
Tgt Ion: 42 Resp: 2259
Ion Ratio Lower Upper
42 100
74 112.9 93.5 140.3
44 6.6 7.4 11.0#



#4
2-Fluorophenol
Concen: 0.301 ng
RT: 5.154 min Scan# 301
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Tgt Ion: 112 Resp: 7234
Ion Ratio Lower Upper
112 100
64 60.3 47.6 71.4
63 33.4 25.9 38.9

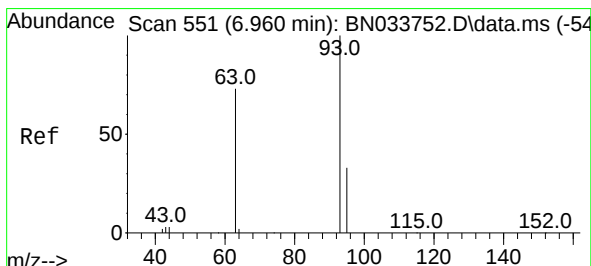
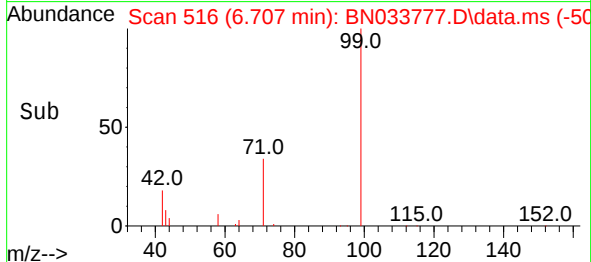
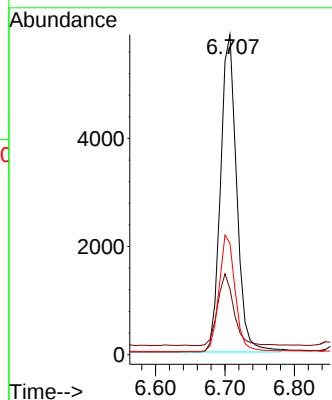
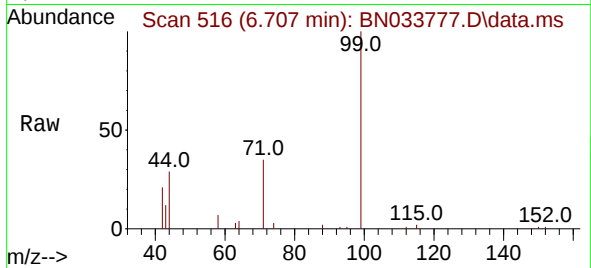




#5
Phenol-d6
Concen: 0.334 ng
RT: 6.707 min Scan# 516
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

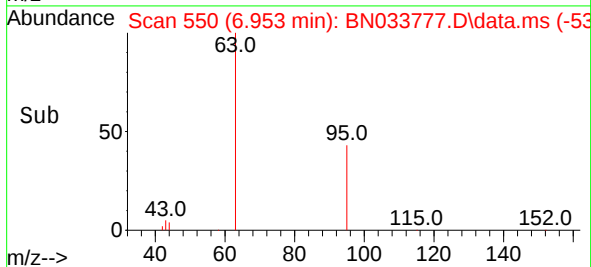
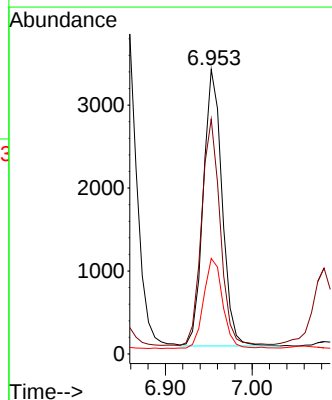
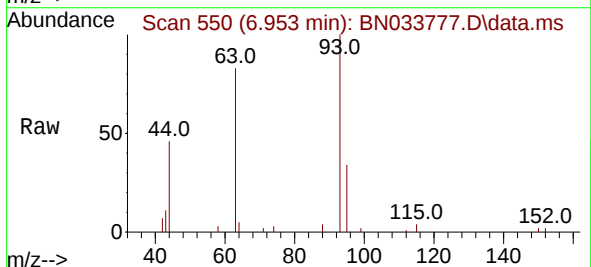
Instrument :
BNA_N
ClientSampleId :
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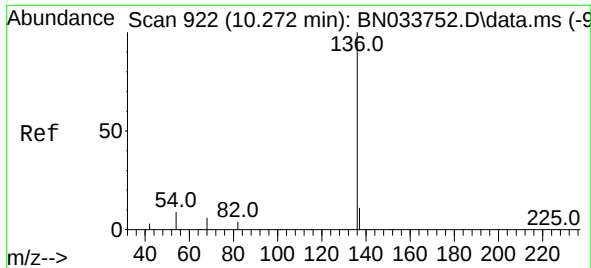
Tgt Ion: 99 Resp: 9502
Ion Ratio Lower Upper
99 100
42 22.8 18.0 27.0
71 36.8 28.7 43.1



#6
bis(2-Chloroethyl)ether
Concen: 0.234 ng
RT: 6.953 min Scan# 550
Delta R.T. -0.007 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Tgt Ion: 93 Resp: 5027
Ion Ratio Lower Upper
93 100
63 80.9 64.4 96.6
95 33.2 26.5 39.7

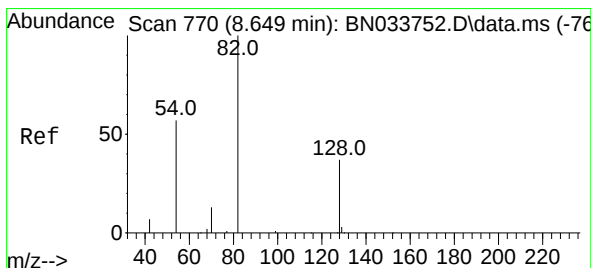
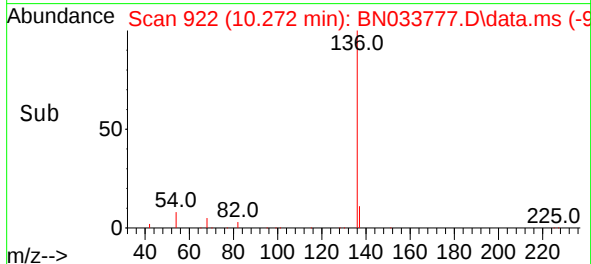
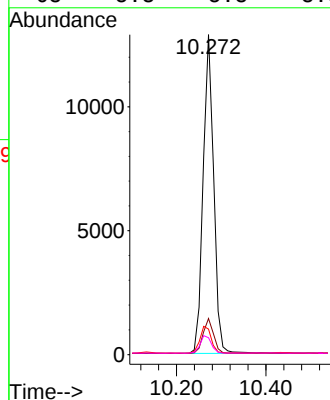
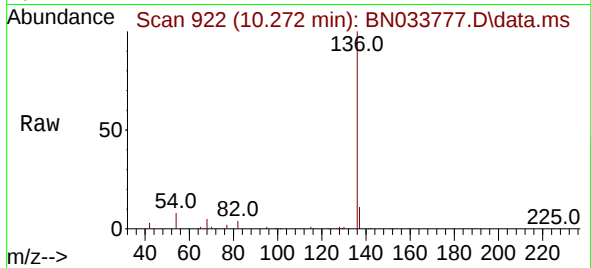




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.272 min Scan# 922
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

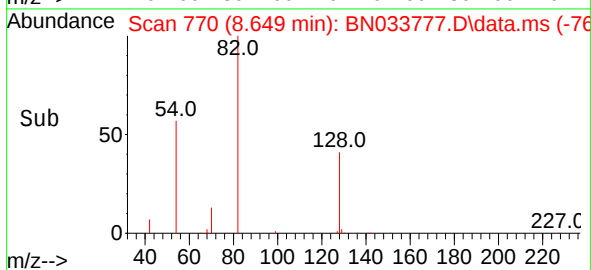
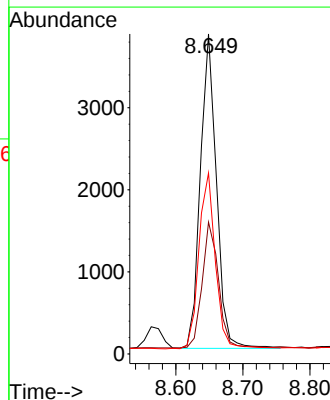
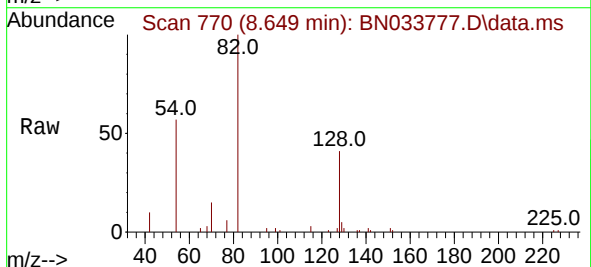
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BNA_N
ClientSampleId :
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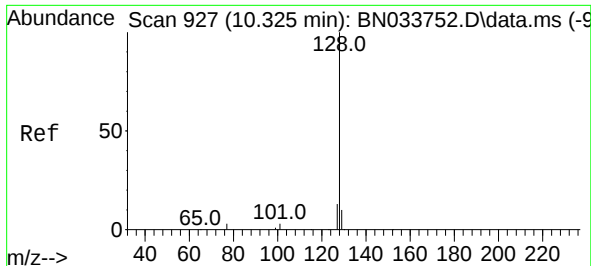
Tgt Ion:	136	Resp:	21096
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	8.0	8.1	12.1#
68	5.3	5.8	8.8#



#8
Nitrobenzene-d5
Concen: 0.357 ng
RT: 8.649 min Scan# 770
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Tgt Ion:	82	Resp:	6406
Ion Ratio	Lower	Upper	
82	100		
128	41.2	31.3	46.9
54	56.5	46.9	70.3

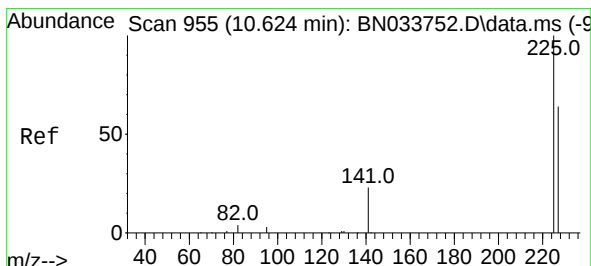
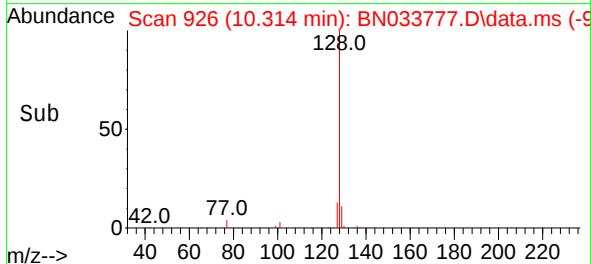
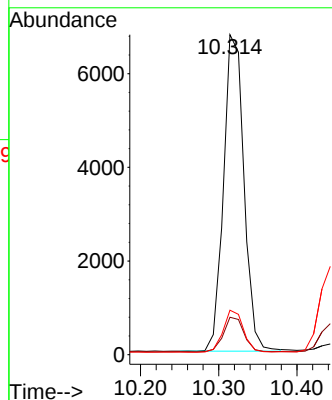
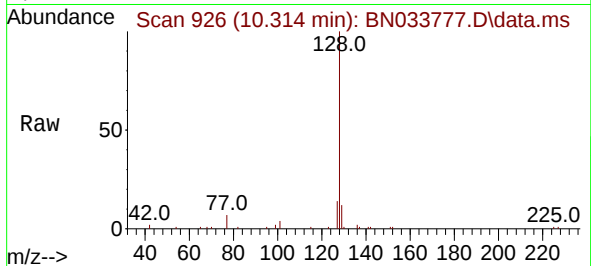




#9
Naphthalene
Concen: 0.217 ng
RT: 10.314 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

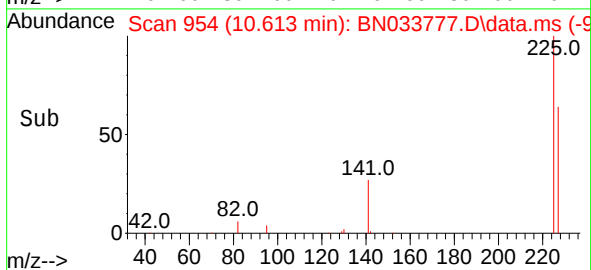
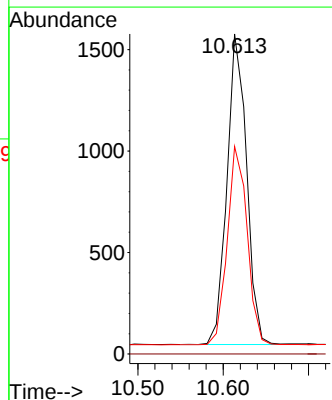
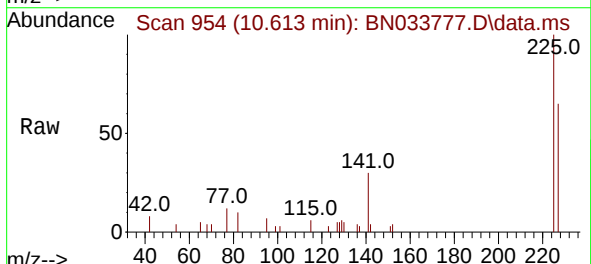
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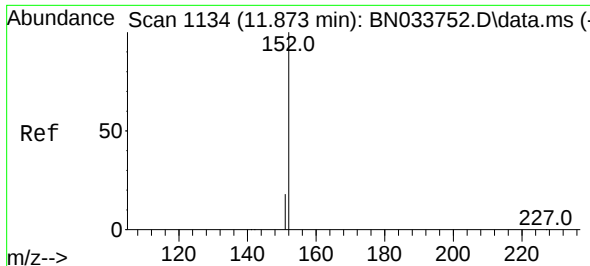
Tgt Ion:128 Resp: 12226
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 13.9 10.8 16.2



#10
Hexachlorobutadiene
Concen: 0.208 ng
RT: 10.613 min Scan# 954
Delta R.T. -0.011 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Tgt Ion:225 Resp: 2437
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.7 51.2 76.8

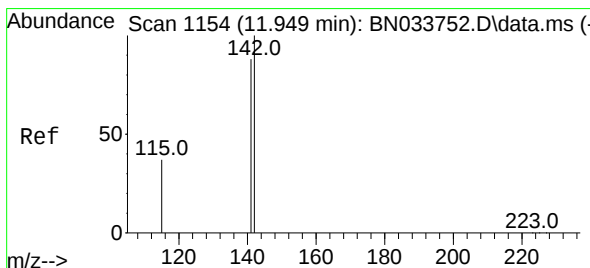
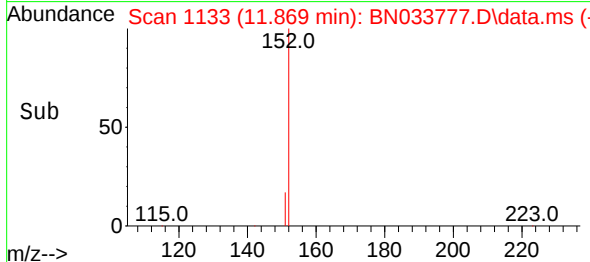
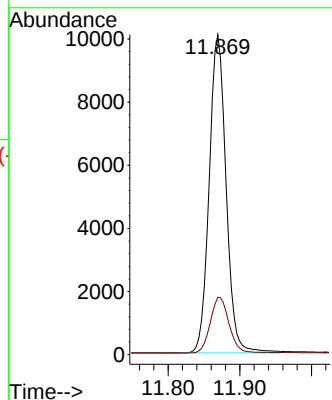
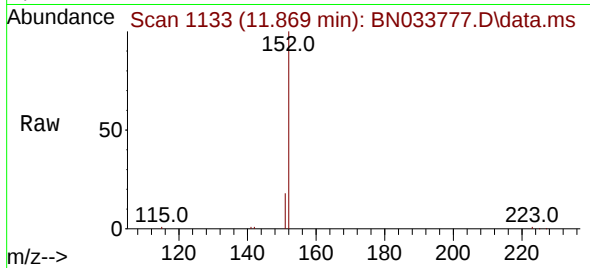




#11
2-Methylnaphthalene-d10
Concen: 0.555 ng
RT: 11.869 min Scan# 1133
Delta R.T. -0.004 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

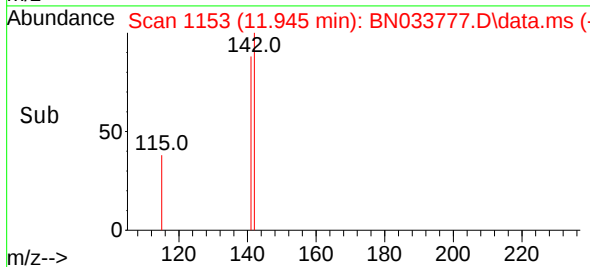
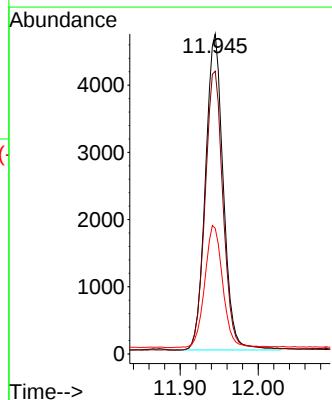
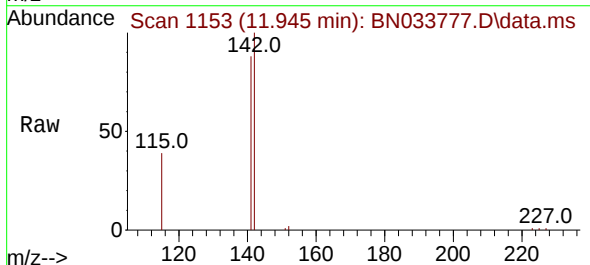
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024

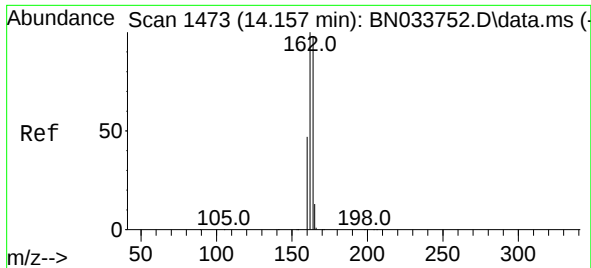
Tgt Ion:152 Resp: 16559
Ion Ratio Lower Upper
152 100
151 19.3 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.216 ng
RT: 11.945 min Scan# 1153
Delta R.T. -0.004 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Tgt Ion:142 Resp: 7473
Ion Ratio Lower Upper
142 100
141 88.4 70.9 106.3
115 39.2 31.0 46.4

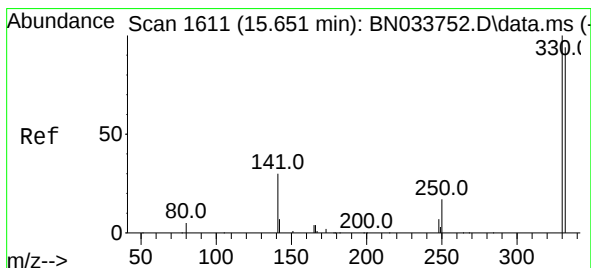
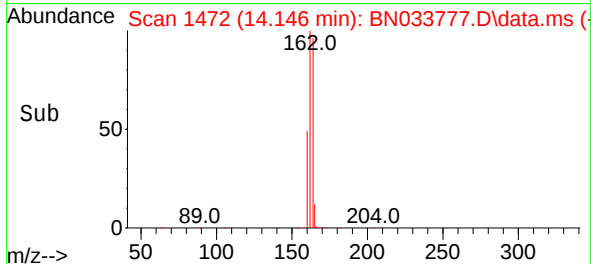
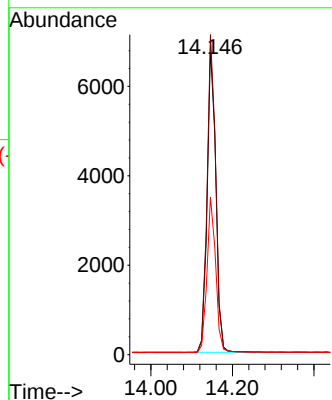
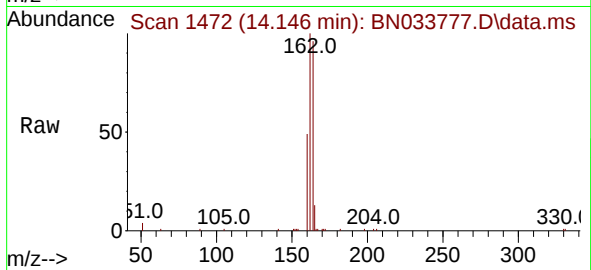




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.146 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

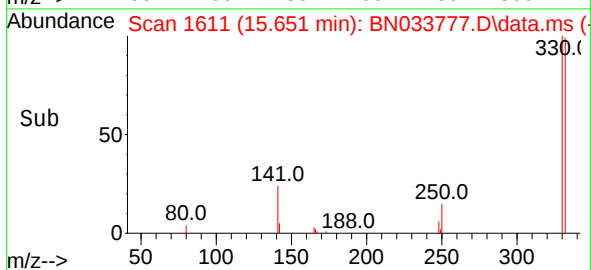
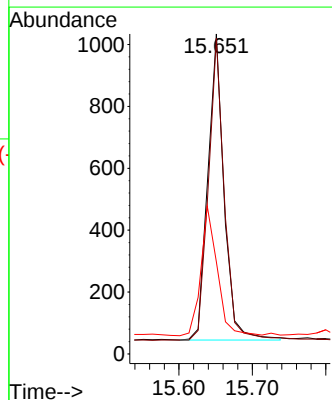
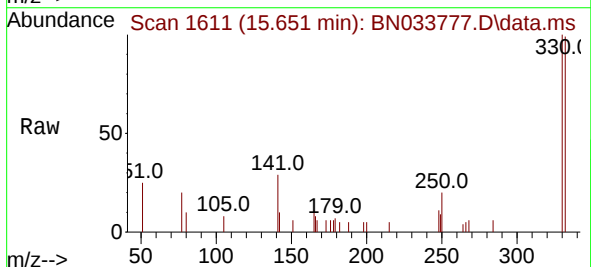
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024

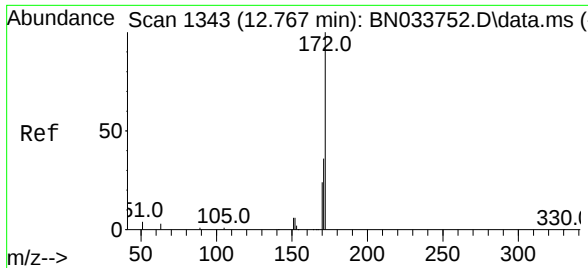
Tgt Ion:164 Resp: 10058
Ion Ratio Lower Upper
164 100
162 104.5 82.0 123.0
160 51.5 39.1 58.7



#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 15.651 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Tgt Ion:330 Resp: 1513
Ion Ratio Lower Upper
330 100
332 96.8 74.2 111.4
141 42.8 33.9 50.9

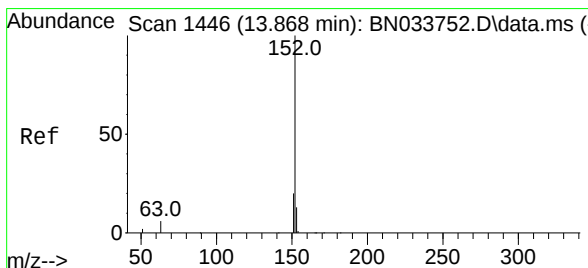
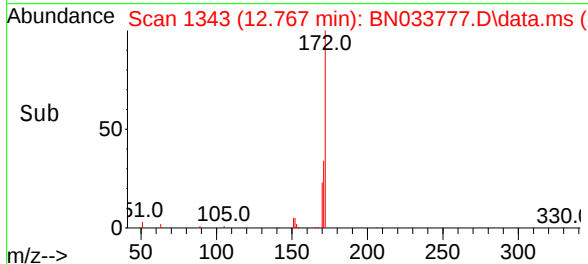
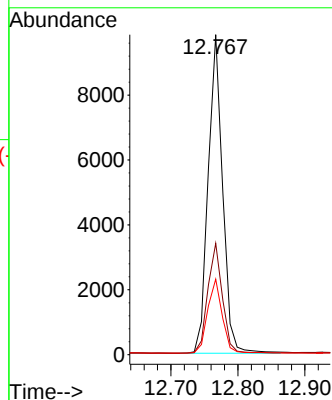
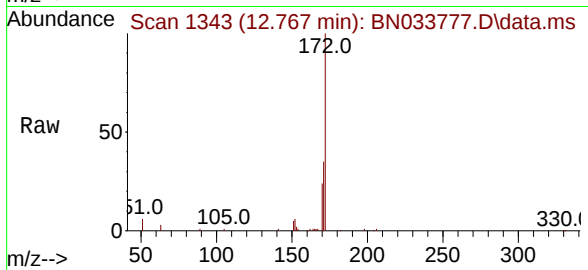




#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 12.767 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

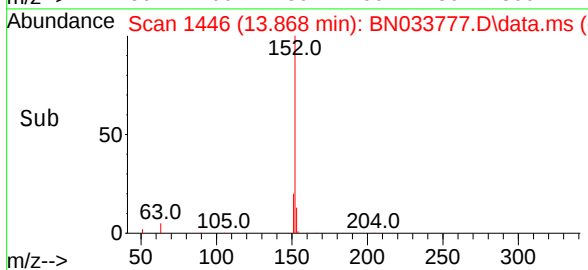
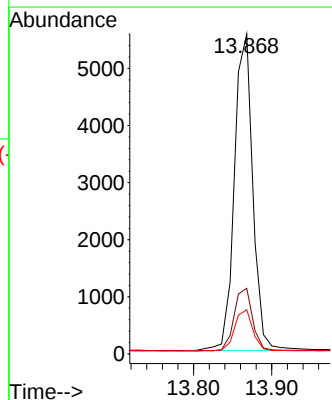
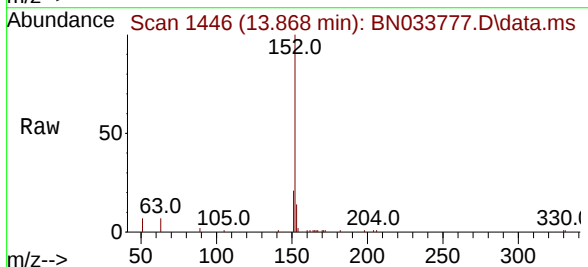
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024

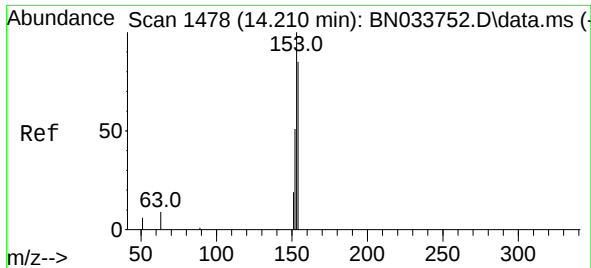
Tgt Ion:	172	Resp:	14710
Ion Ratio	Lower	Upper	
172	100		
171	34.8	28.8	43.2
170	23.6	19.7	29.5



#16
Acenaphthylene
Concen: 0.209 ng
RT: 13.868 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Tgt Ion:	152	Resp:	9085
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.6	23.4
153	13.0	10.3	15.5

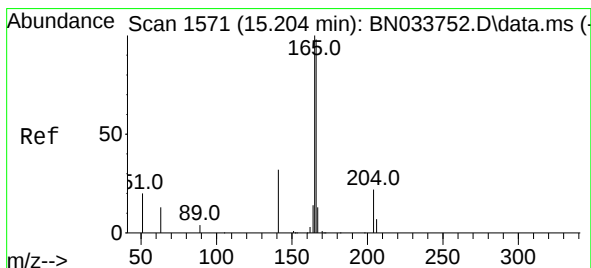
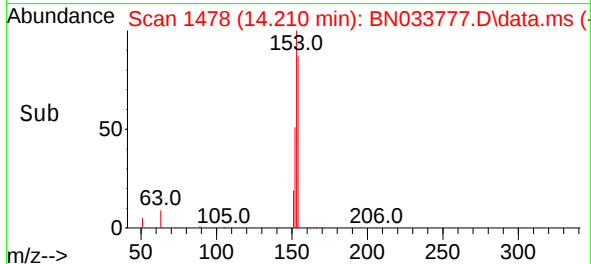
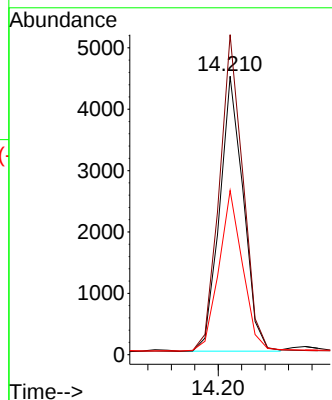
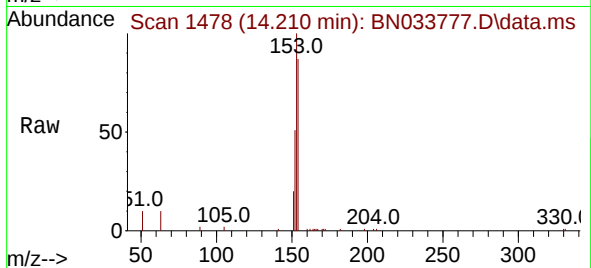




#17
Acenaphthene
Concen: 0.211 ng
RT: 14.210 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

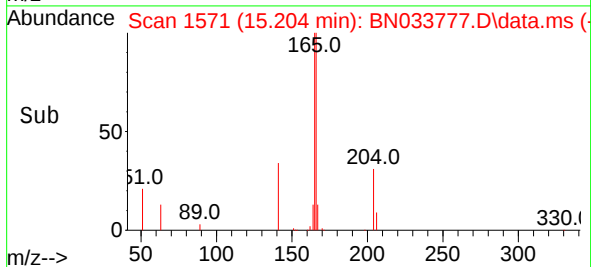
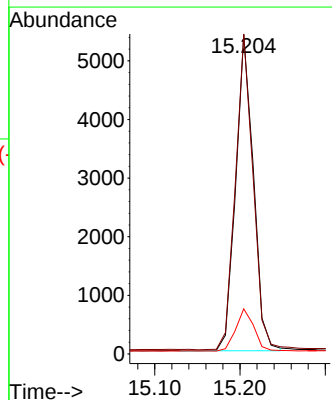
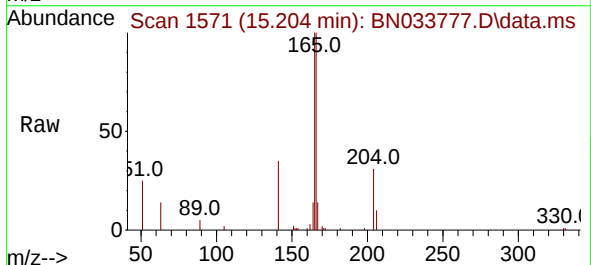
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024

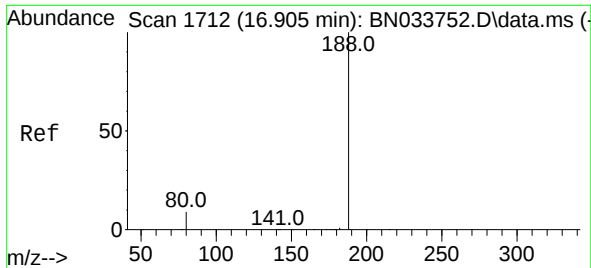
Tgt Ion:154 Resp: 6300
Ion Ratio Lower Upper
154 100
153 114.8 91.4 137.2
152 58.0 45.8 68.6



#18
Fluorene
Concen: 0.211 ng
RT: 15.204 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Tgt Ion:166 Resp: 7762
Ion Ratio Lower Upper
166 100
165 99.2 78.8 118.2
167 13.6 10.6 16.0

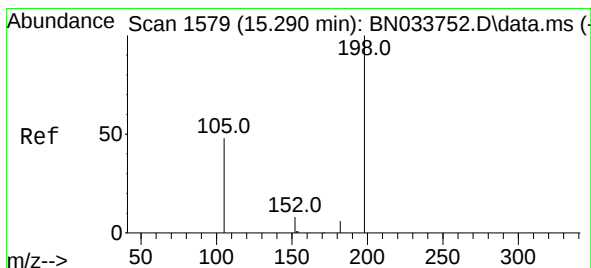
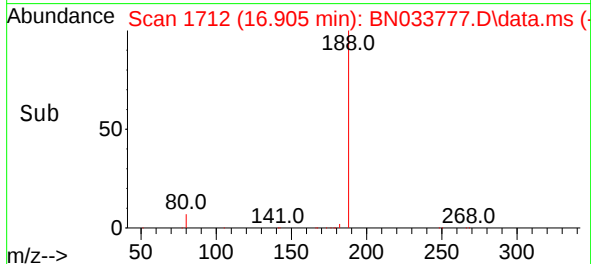
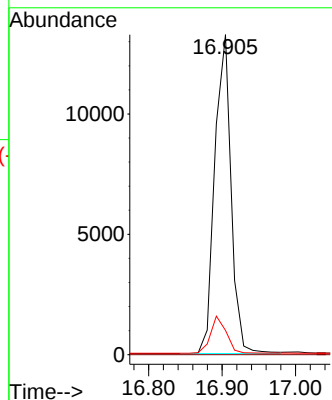
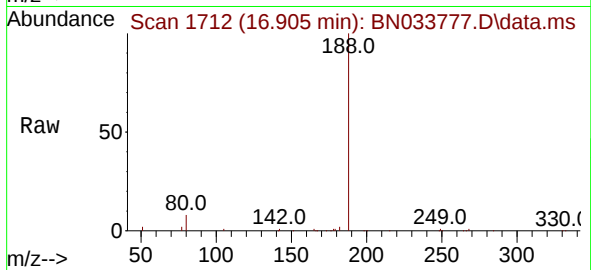




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.905 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

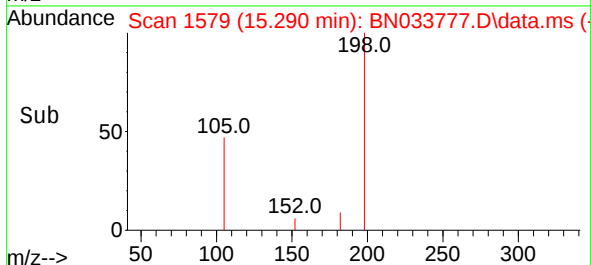
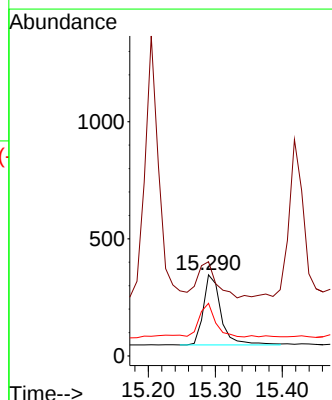
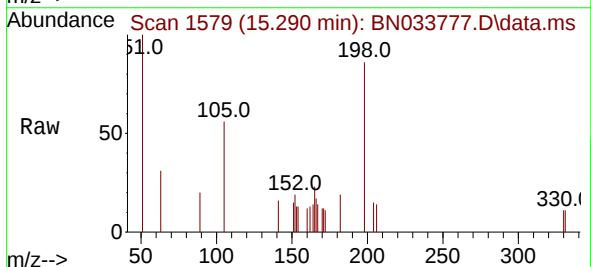
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024

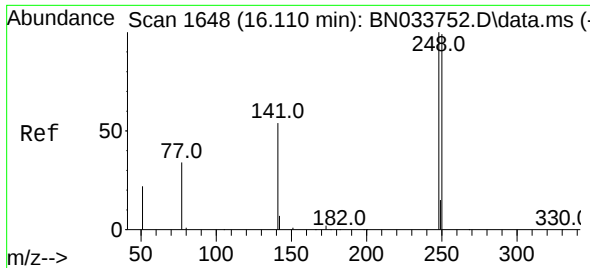
Tgt Ion:188 Resp: 20461
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 7.9 11.9#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.170 ng
RT: 15.290 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Tgt Ion:198 Resp: 548
Ion Ratio Lower Upper
198 100
51 116.2 92.8 139.2
105 65.0 59.4 89.0

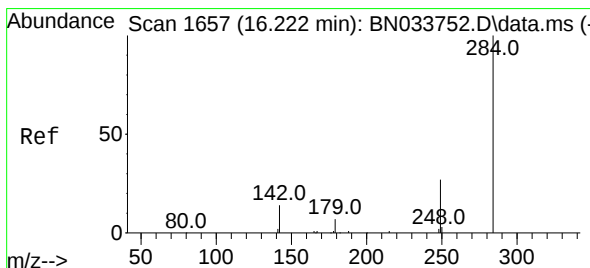
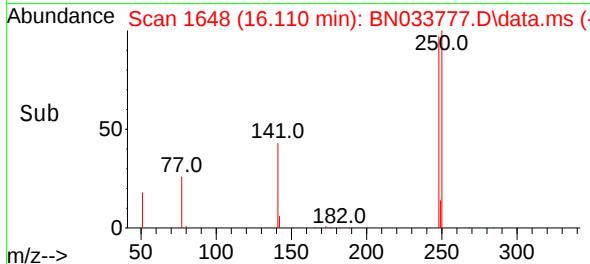
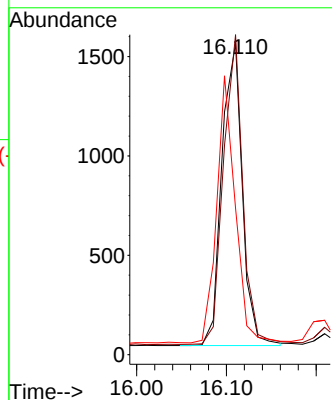
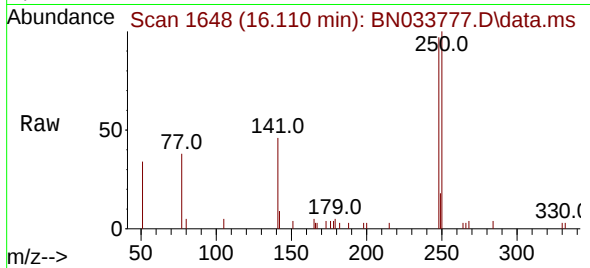




#21
4-Bromophenyl-phenylether
Concen: 0.203 ng
RT: 16.110 min Scan# 1648
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

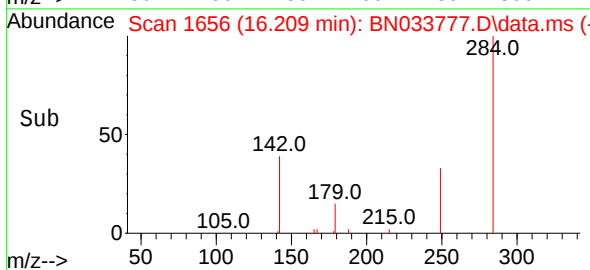
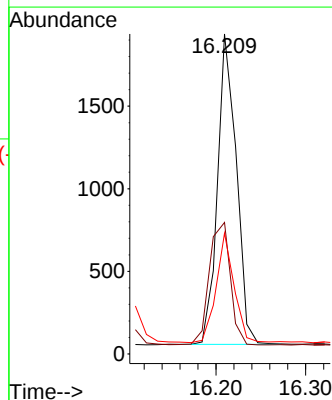
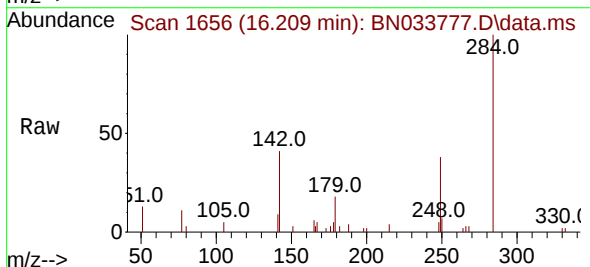
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024

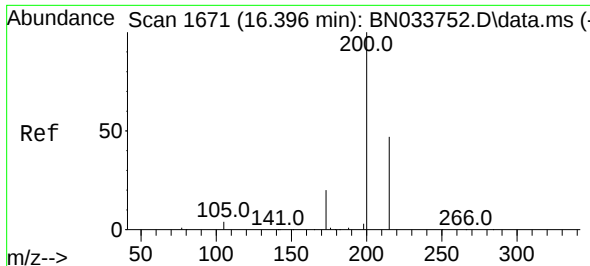
Tgt Ion:248 Resp: 2409
Ion Ratio Lower Upper
248 100
250 102.9 79.5 119.3
141 47.1 44.9 67.3



#22
Hexachlorobenzene
Concen: 0.202 ng
RT: 16.209 min Scan# 1656
Delta R.T. -0.012 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Tgt Ion:284 Resp: 2740
Ion Ratio Lower Upper
284 100
142 44.1 32.8 49.2
249 33.6 26.2 39.2

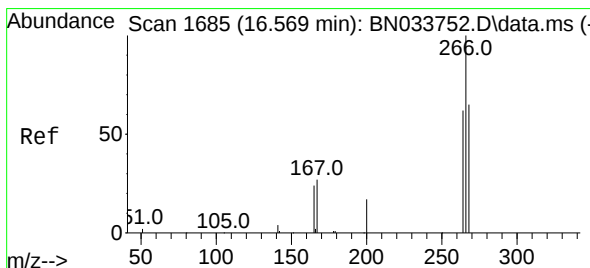
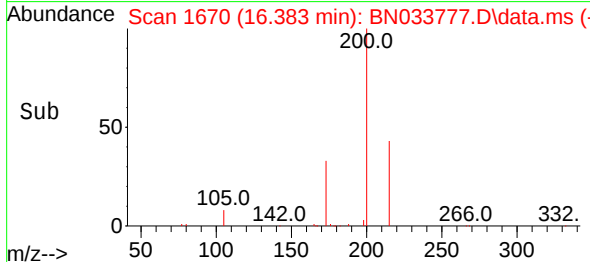
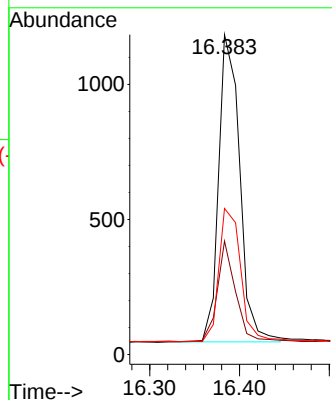
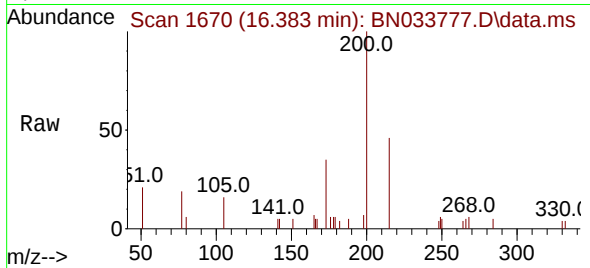




#23
Atrazine
Concen: 0.196 ng
RT: 16.383 min Scan# 1670
Delta R.T. -0.012 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

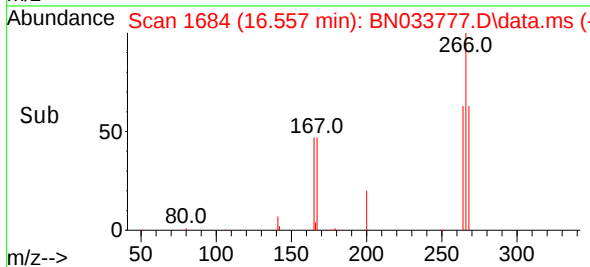
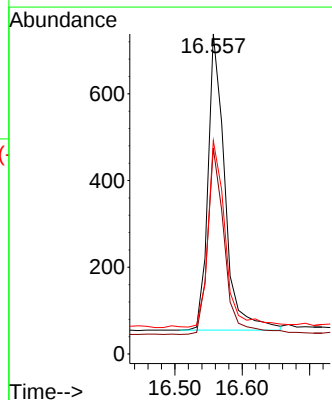
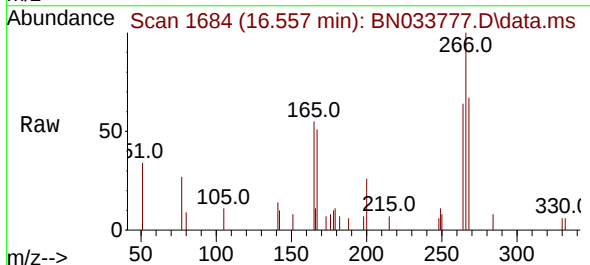
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024

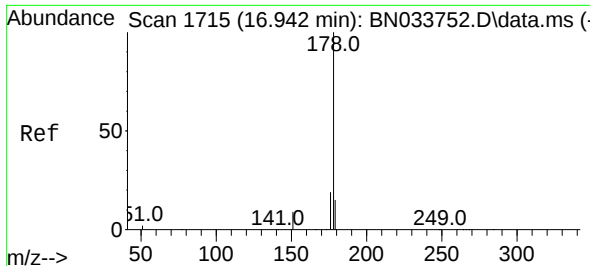
Tgt Ion:200 Resp: 1856
Ion Ratio Lower Upper
200 100
173 35.5 18.2 27.4#
215 45.7 39.0 58.4



#24
Pentachlorophenol
Concen: 0.214 ng
RT: 16.557 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Tgt Ion:266 Resp: 1192
Ion Ratio Lower Upper
266 100
264 63.2 49.6 74.4
268 64.2 52.2 78.4

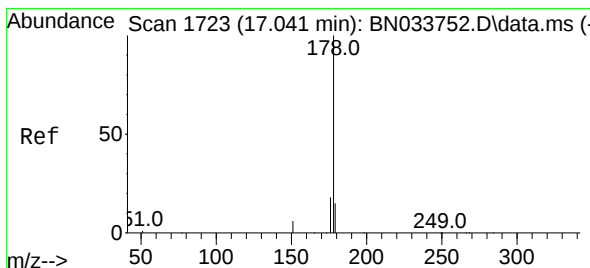
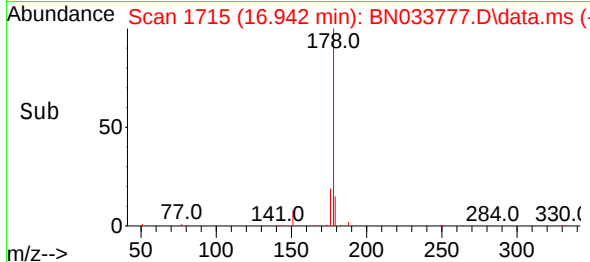
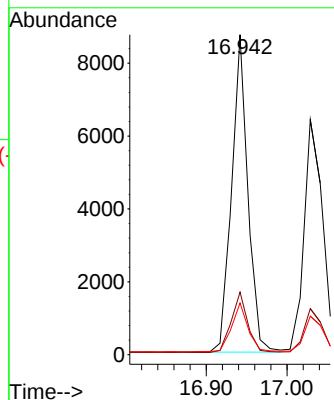
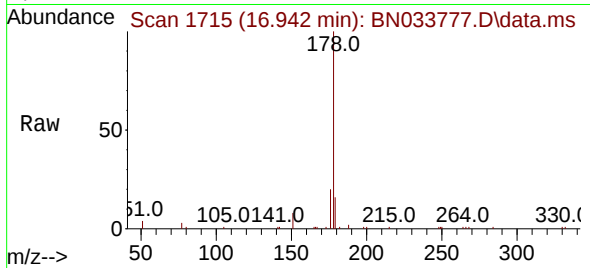




#25
Phenanthrene
Concen: 0.217 ng
RT: 16.942 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

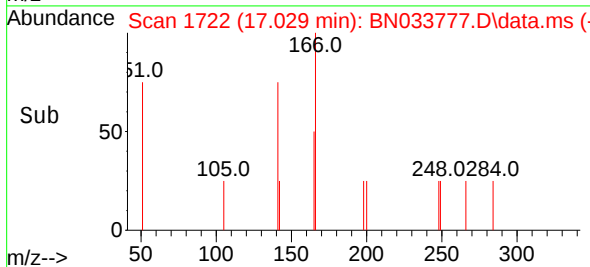
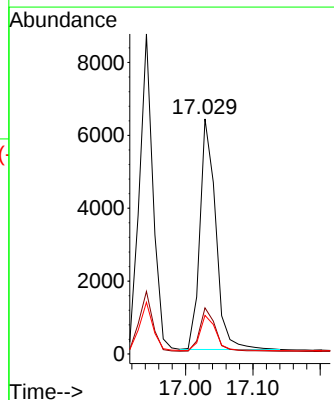
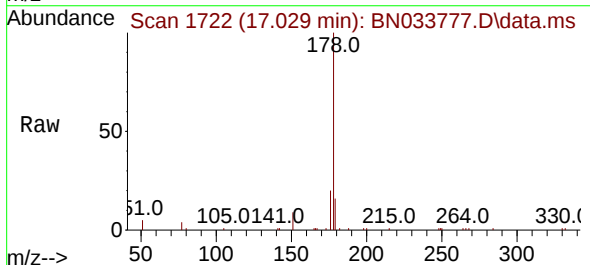
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024

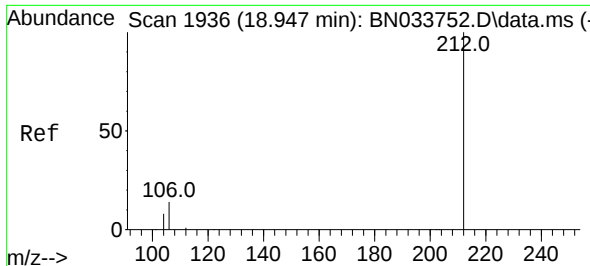
Tgt Ion:178 Resp: 12239
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.6 12.2 18.4



#26
Anthracene
Concen: 0.211 ng
RT: 17.029 min Scan# 1722
Delta R.T. -0.012 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Tgt Ion:178 Resp: 10357
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.5 12.4 18.6





#27

Fluoranthene-d10

Concen: 0.575 ng

RT: 18.942 min Scan# 1935

Delta R.T. -0.005 min

Lab File: BN033777.D

Acq: 06 Sep 2024 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2024

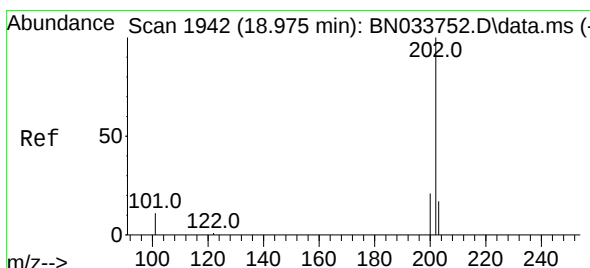
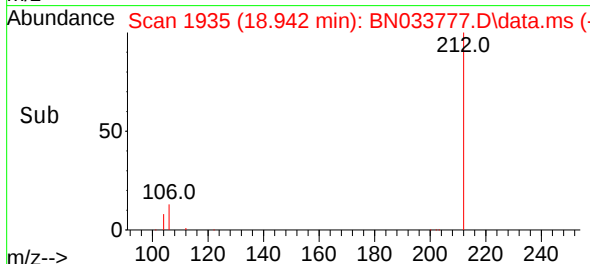
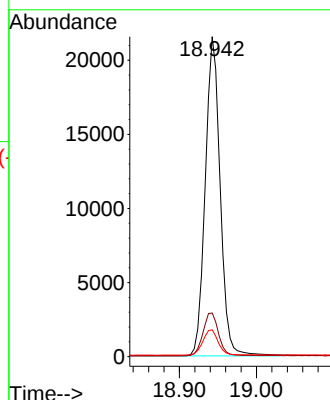
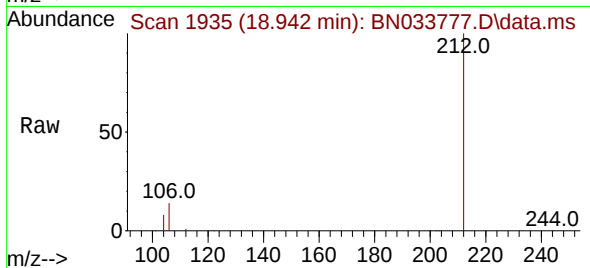
Tgt Ion:212 Resp: 29029

Ion Ratio Lower Upper

212 100

106 13.9 11.5 17.3

104 8.1 6.6 9.8



#28

Fluoranthene

Concen: 0.207 ng

RT: 18.975 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BN033777.D

Acq: 06 Sep 2024 11:45

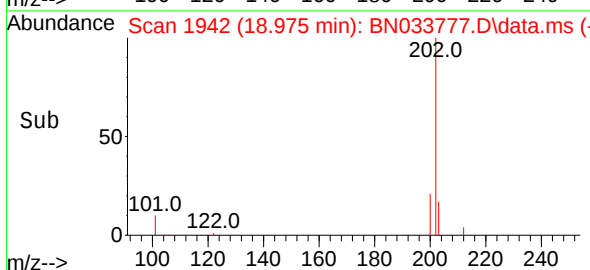
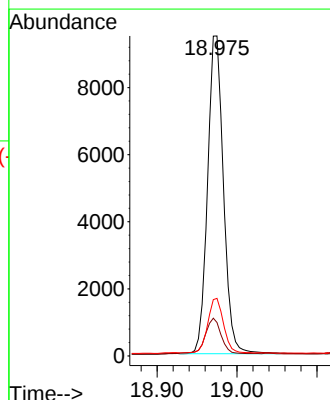
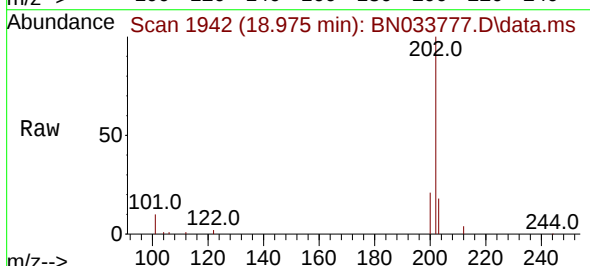
Tgt Ion:202 Resp: 13073

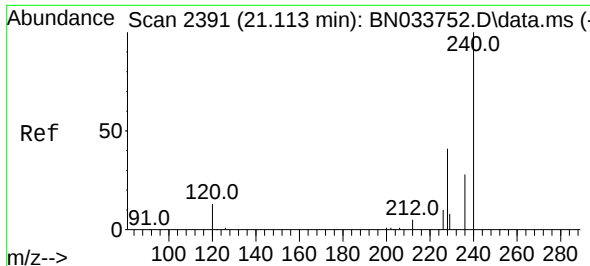
Ion Ratio Lower Upper

202 100

101 11.5 9.2 13.8

203 17.1 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.113 min Scan# 24

Delta R.T. -0.000 min

Lab File: BN033777.D

Acq: 06 Sep 2024 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2024

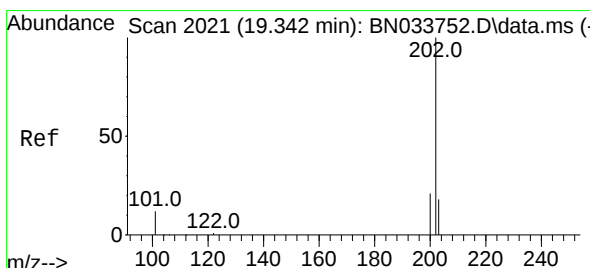
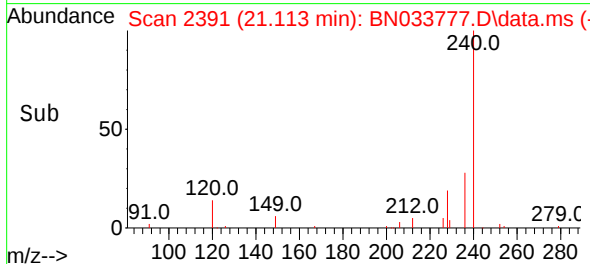
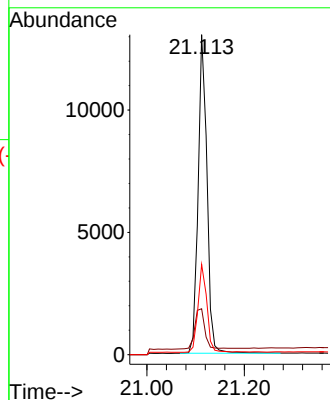
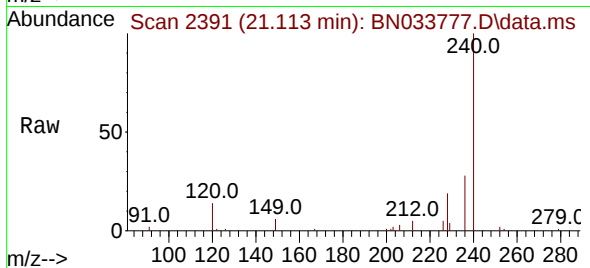
Tgt Ion:240 Resp: 16359

Ion Ratio Lower Upper

240 100

120 14.3 13.7 20.5

236 28.2 23.4 35.2



#30

Pyrene

Concen: 0.200 ng

RT: 19.337 min Scan# 2020

Delta R.T. -0.005 min

Lab File: BN033777.D

Acq: 06 Sep 2024 11:45

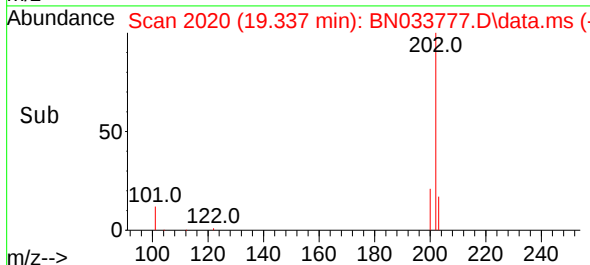
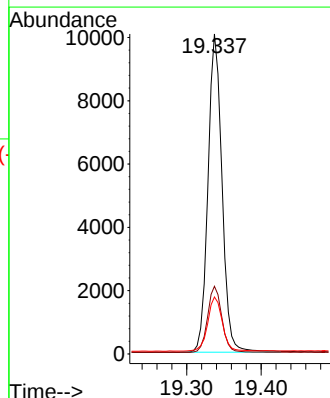
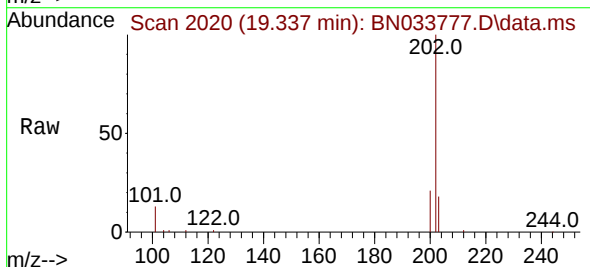
Tgt Ion:202 Resp: 13162

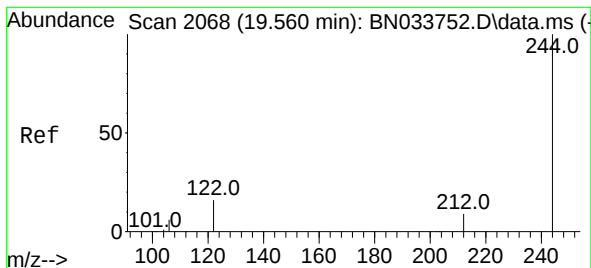
Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

203 17.7 14.4 21.6





#31

Terphenyl-d14

Concen: 0.348 ng

RT: 19.560 min Scan# 2068

Delta R.T. -0.000 min

Lab File: BN033777.D

Acq: 06 Sep 2024 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2024

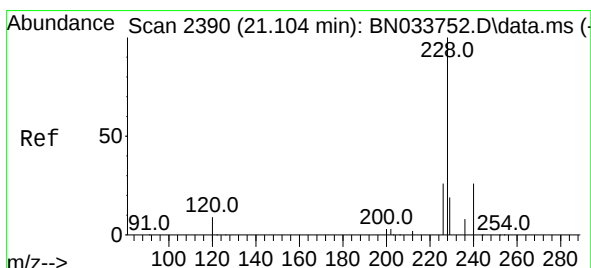
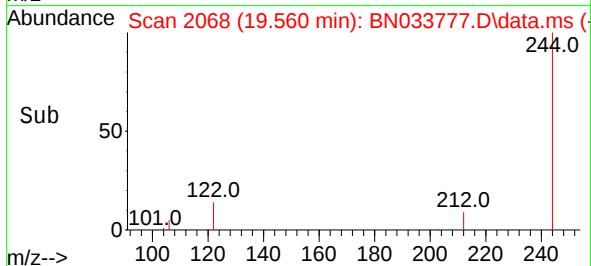
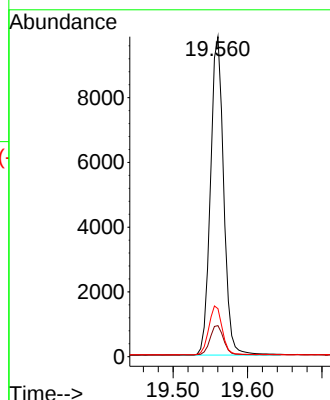
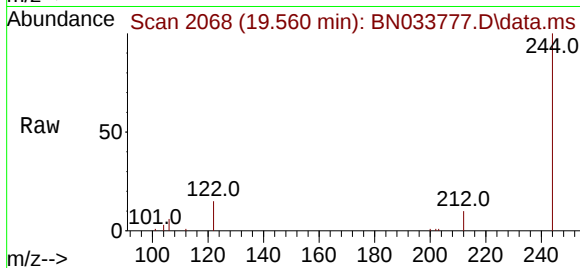
Tgt Ion:244 Resp: 12139

Ion Ratio Lower Upper

244 100

212 9.7 7.9 11.9

122 15.0 13.2 19.8



#32

Benzo(a)anthracene

Concen: 0.210 ng

RT: 21.095 min Scan# 2389

Delta R.T. -0.009 min

Lab File: BN033777.D

Acq: 06 Sep 2024 11:45

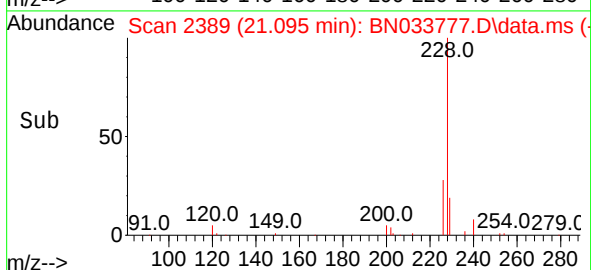
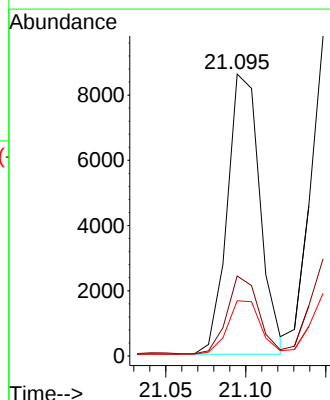
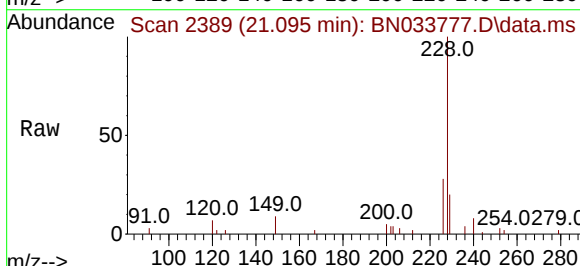
Tgt Ion:228 Resp: 12235

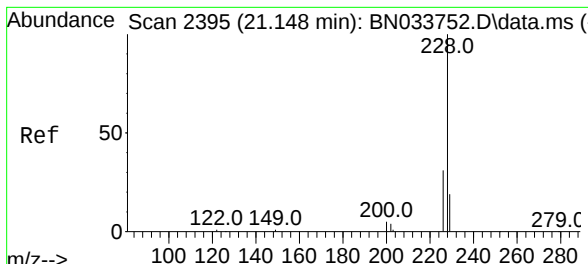
Ion Ratio Lower Upper

228 100

226 28.4 21.2 31.8

229 19.6 15.9 23.9

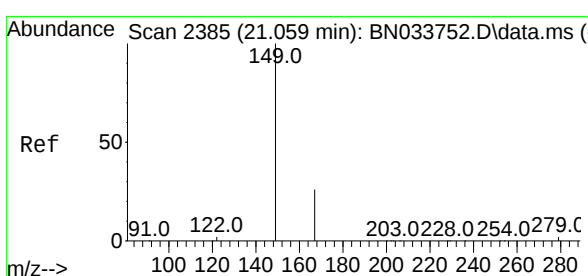
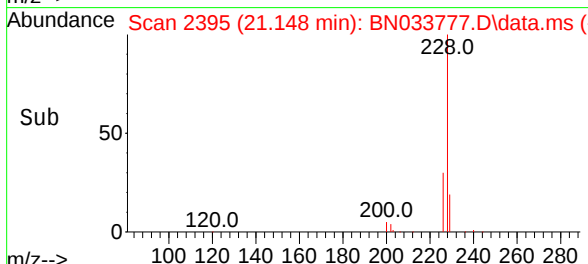
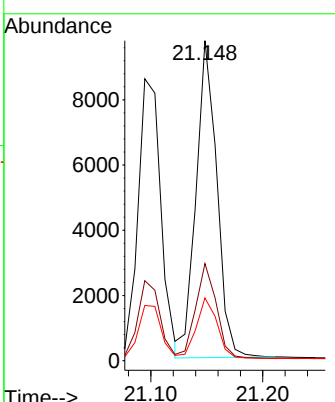
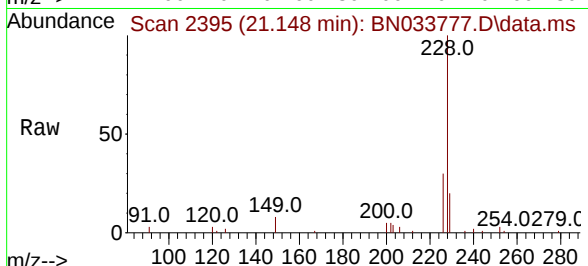




#33
Chrysene
Concen: 0.217 ng
RT: 21.148 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

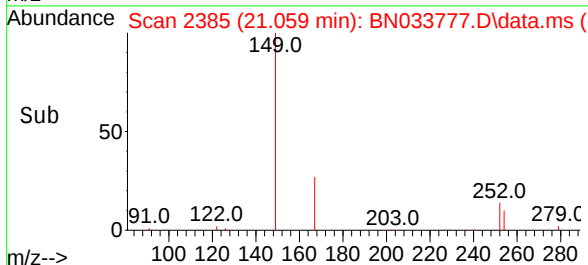
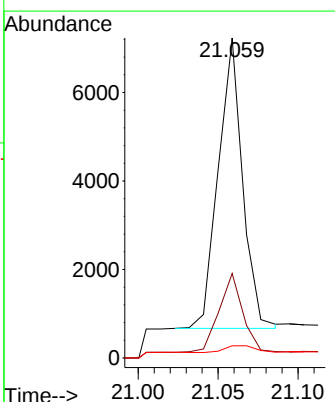
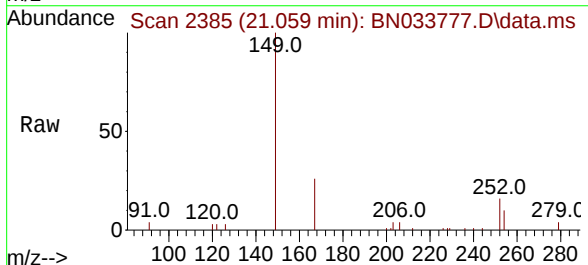
Instrument : BNA_N
ClientSampleId : MDL-SOIL-03-QT2-2024

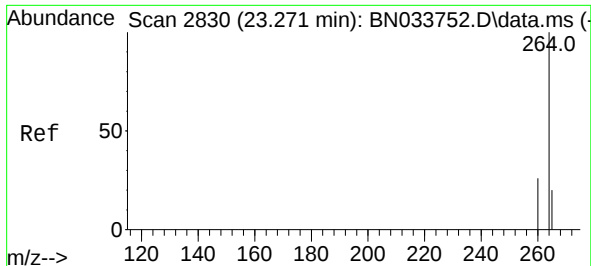
Tgt Ion:	228	Resp:	12539
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	19.6	15.6	23.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.217 ng
RT: 21.059 min Scan# 2385
Delta R.T. -0.000 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Tgt Ion:	149	Resp:	6904
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.0	31.4
279	3.0	2.4	3.6

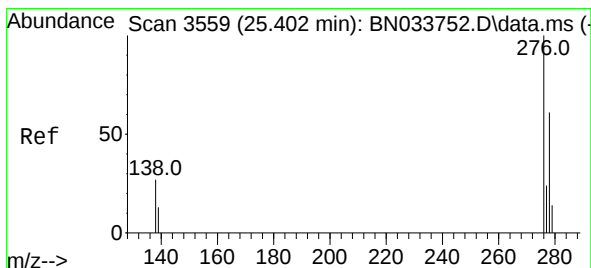
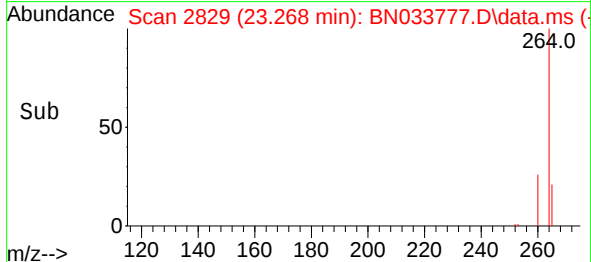
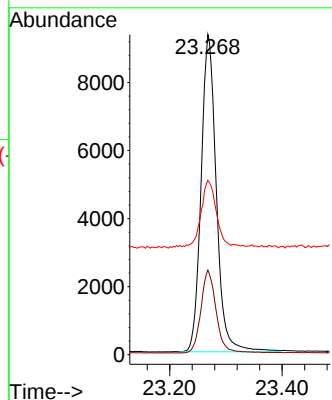
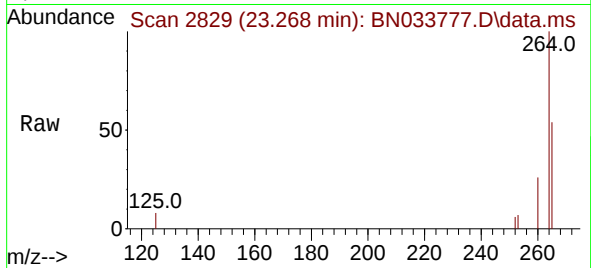




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.268 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

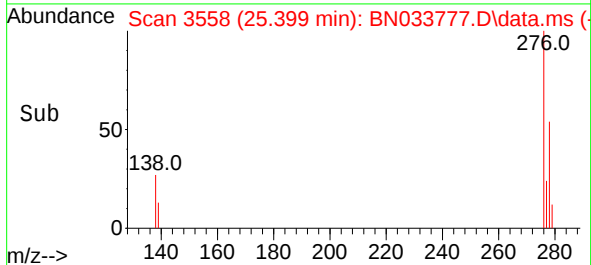
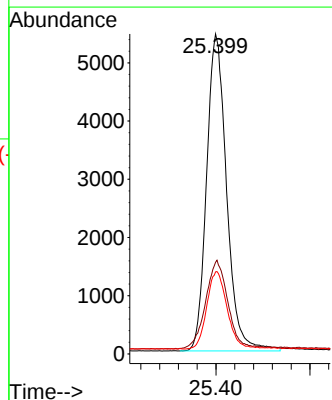
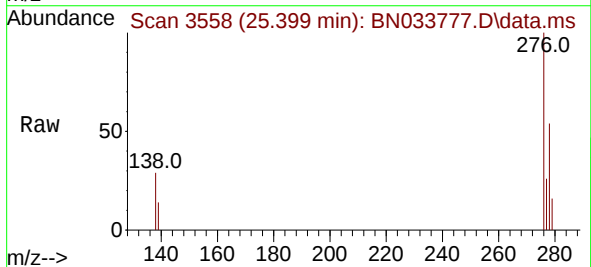
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024

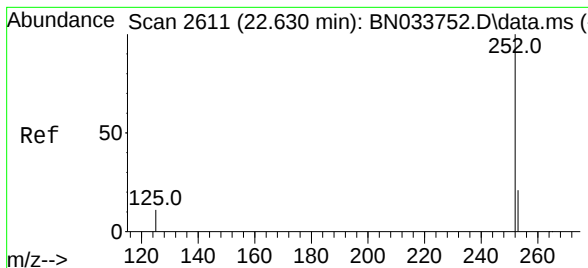
Tgt Ion:264 Resp: 17559
Ion Ratio Lower Upper
264 100
260 26.4 21.1 31.7
265 54.4 72.0 108.0#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.222 ng
RT: 25.399 min Scan# 3558
Delta R.T. -0.003 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Tgt Ion:276 Resp: 16114
Ion Ratio Lower Upper
276 100
138 30.7 23.0 34.6
277 24.9 20.2 30.4





#37

Benzo(b)fluoranthene

Concen: 0.198 ng

RT: 22.628 min Scan# 2610

Delta R.T. -0.003 min

Lab File: BN033777.D

Acq: 06 Sep 2024 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2024

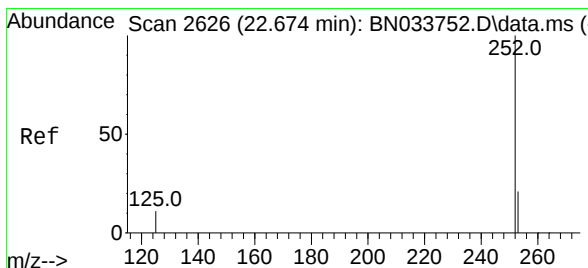
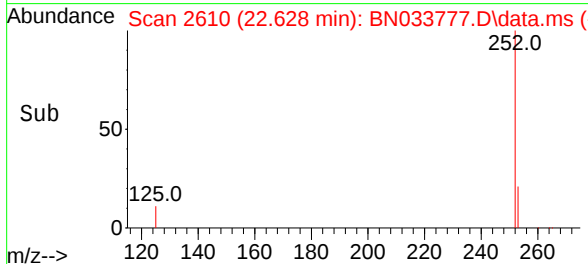
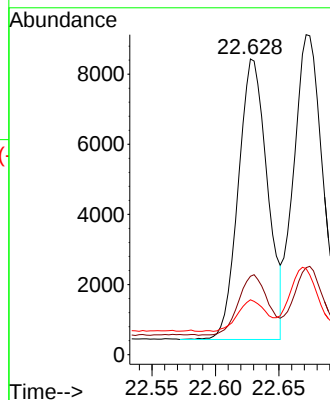
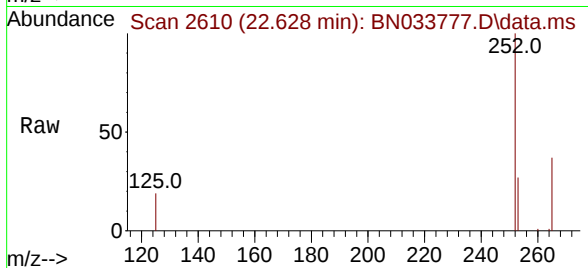
Tgt Ion:252 Resp: 12783

Ion Ratio Lower Upper

252 100

253 26.5 21.8 32.6

125 18.5 15.4 23.0



#38

Benzo(k)fluoranthene

Concen: 0.203 ng

RT: 22.628 min Scan# 2610

Delta R.T. -0.047 min

Lab File: BN033777.D

Acq: 06 Sep 2024 11:45

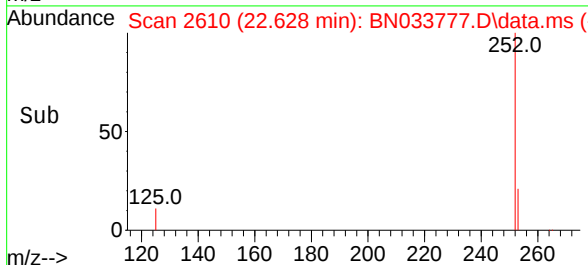
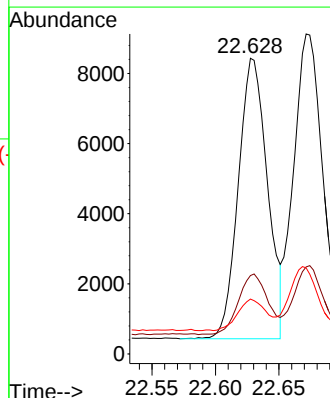
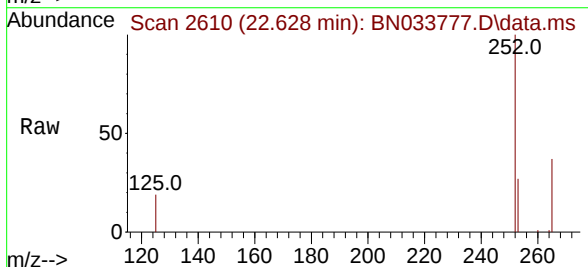
Tgt Ion:252 Resp: 12783

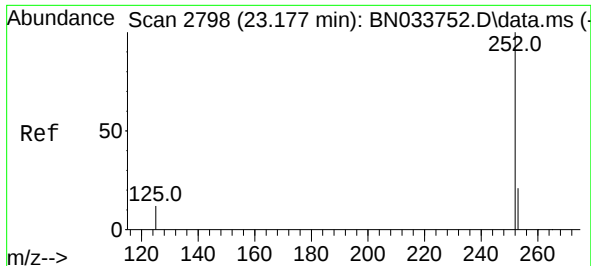
Ion Ratio Lower Upper

252 100

253 26.5 21.8 32.8

125 18.5 15.4 23.2





#39

Benzo(a)pyrene

Concen: 0.210 ng

RT: 23.174 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN033777.D

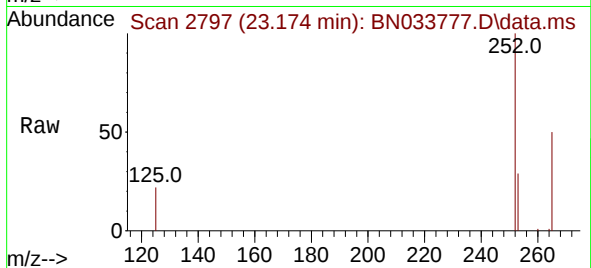
Acq: 06 Sep 2024 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2024



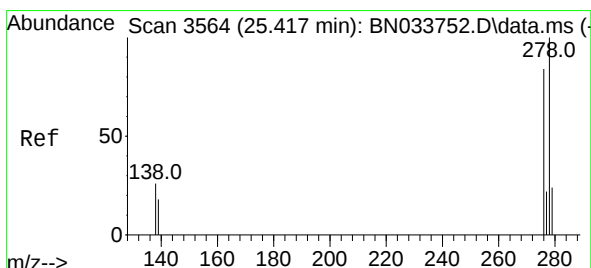
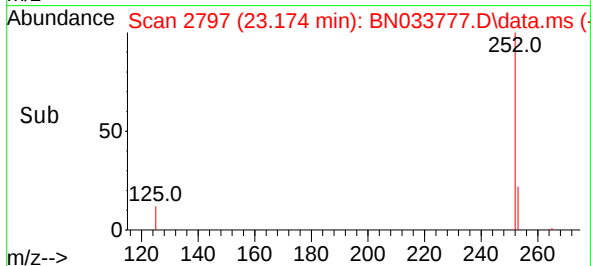
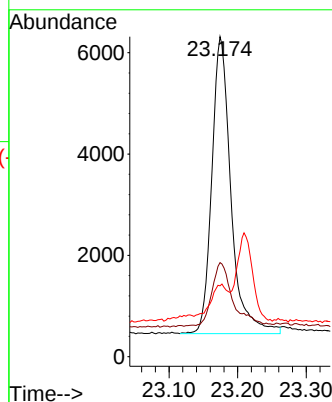
Tgt Ion:252 Resp: 11334

Ion Ratio Lower Upper

252 100

253 29.4 24.0 36.0

125 22.2 19.1 28.7



#40

Dibenzo(a,h)anthracene

Concen: 0.219 ng

RT: 25.414 min Scan# 3563

Delta R.T. -0.003 min

Lab File: BN033777.D

Acq: 06 Sep 2024 11:45

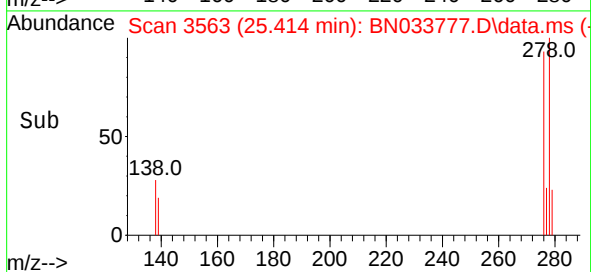
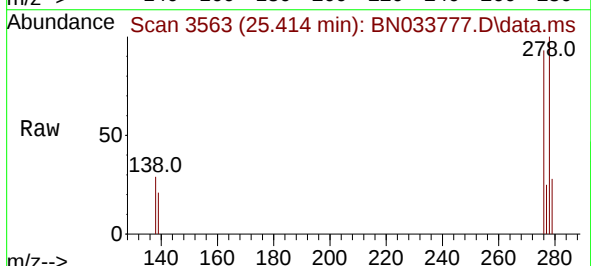
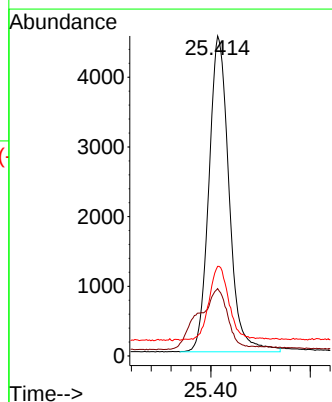
Tgt Ion:278 Resp: 12724

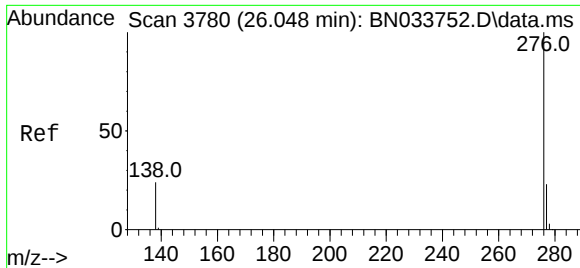
Ion Ratio Lower Upper

278 100

139 21.0 16.7 25.1

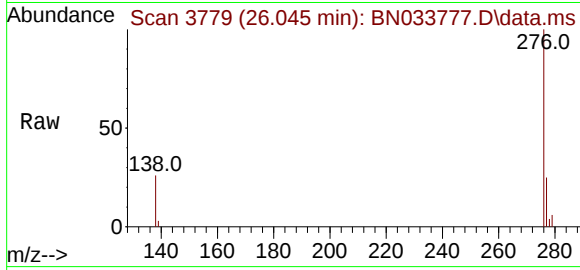
279 28.0 23.4 35.0





#41
Benzo(g,h,i)perylene
Concen: 0.204 ng
RT: 26.045 min Scan# 31
Delta R.T. -0.003 min
Lab File: BN033777.D
Acq: 06 Sep 2024 11:45

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:	276	Resp:	12893
Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.3	30.5
138	26.3	20.9	31.3

