

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081224\
 Data File : BN033350.D
 Acq On : 12 Aug 2024 14:11
 Operator : MA/JU
 Sample : P3390-02
 Misc : LOD-SOIL-0.2ng
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Quant Time: Aug 12 15:02:21 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)

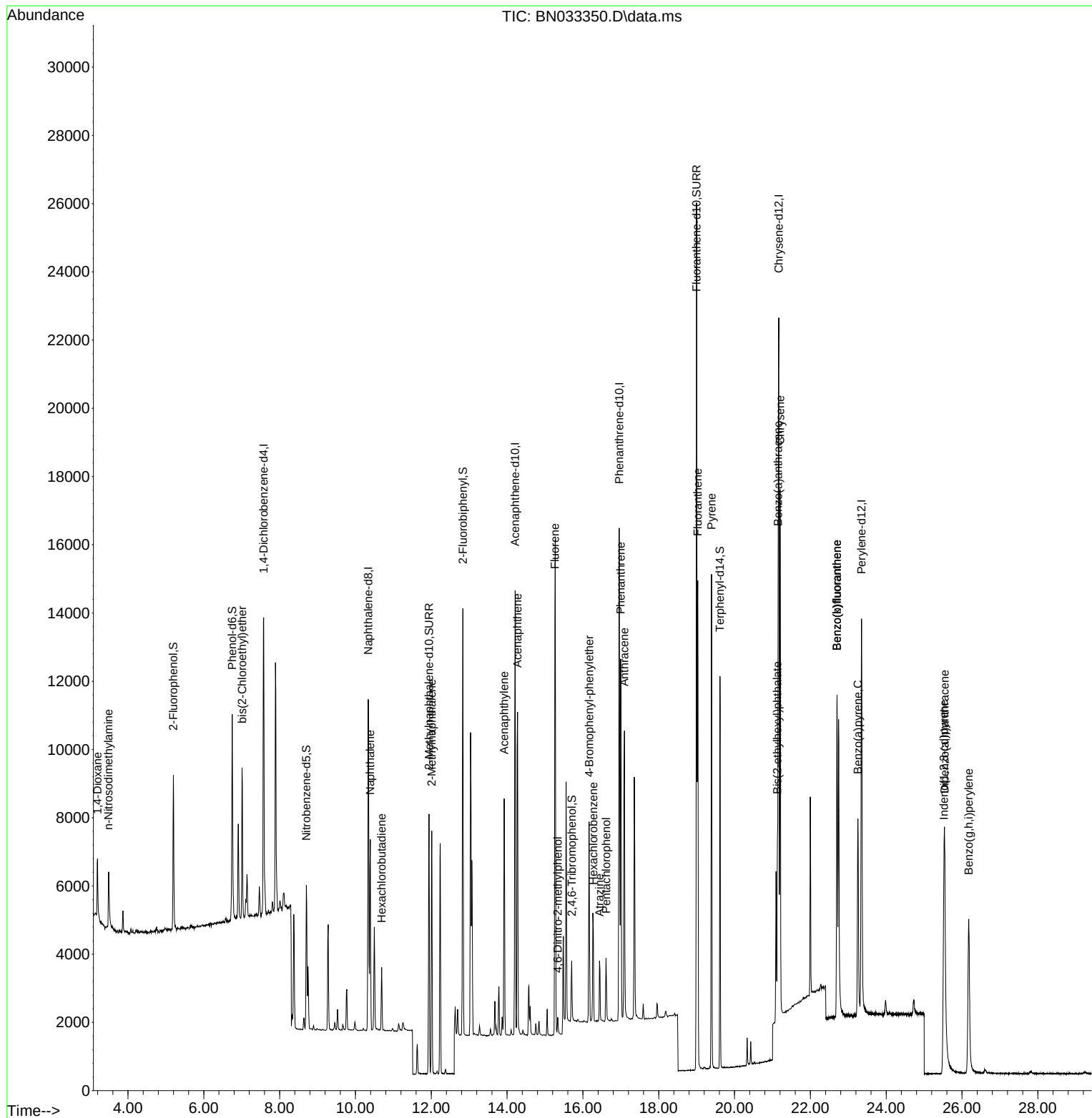
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	4236	0.400	ng	0.00
7) Naphthalene-d8	10.338	136	11854	0.400	ng	0.00
13) Acenaphthene-d10	14.212	164	7019	0.400	ng	0.00
19) Phenanthrene-d10	16.958	188	17370	0.400	ng	0.00
29) Chrysene-d12	21.166	240	14213	0.400	ng	0.00
35) Perylene-d12	23.349	264	14613	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.197	112	3485	0.298	ng	0.00
5) Phenol-d6	6.749	99	5112	0.323	ng	0.00
8) Nitrobenzene-d5	8.704	82	3253	0.364	ng	0.00
11) 2-Methylnaphthalene-d10	11.940	152	10071	0.552	ng	0.00
14) 2,4,6-Tribromophenol	15.705	330	1011	0.281	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	10280	0.357	ng	0.00
27) Fluoranthene-d10	18.997	212	26264	0.566	ng	0.00
31) Terphenyl-d14	19.615	244	9950	0.371	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	1214	0.258	ng	98
3) n-Nitrosodimethylamine	3.485	42	1360	0.224	ng	93
6) bis(2-Chloroethyl)ether	7.009	93	2871	0.224	ng	97
9) Naphthalene	10.391	128	7230	0.221	ng	99
10) Hexachlorobutadiene	10.690	225	1363	0.219	ng	# 98
12) 2-Methylnaphthalene	12.011	142	4807	0.218	ng	98
16) Acenaphthylene	13.924	152	7095	0.217	ng	100
17) Acenaphthene	14.276	154	4799	0.213	ng	98
18) Fluorene	15.260	166	6357	0.214	ng	99
20) 4,6-Dinitro-2-methylph...	15.335	198	360	0.171	ng	# 23
21) 4-Bromophenyl-phenylether	16.164	248	2110	0.203	ng	92
22) Hexachlorobenzene	16.275	284	2514	0.216	ng	97
23) Atrazine	16.437	200	1515	0.184	ng	# 88
24) Pentachlorophenol	16.611	266	857	0.182	ng	99
25) Phenanthrene	16.995	178	11033	0.220	ng	99
26) Anthracene	17.095	178	9451	0.213	ng	99
28) Fluoranthene	19.030	202	12672	0.205	ng	99
30) Pyrene	19.392	202	12485	0.221	ng	100
32) Benzo(a)anthracene	21.148	228	10644	0.200	ng	99
33) Chrysene	21.201	228	12029	0.225	ng	100
34) Bis(2-ethylhexyl)phtha...	21.130	149	4586	0.190	ng	99
36) Indeno(1,2,3-cd)pyrene	25.521	276	10530	0.174	ng	97
37) Benzo(b)fluoranthene	22.703	252	11144	0.203	ng	95
38) Benzo(k)fluoranthene	22.703	252	11144	0.199	ng	95
39) Benzo(a)pyrene	23.253	252	8592	0.185	ng	# 92
40) Dibenzo(a,h)anthracene	25.542	278	8361	0.175	ng	94
41) Benzo(g,h,i)perylene	26.176	276	9395	0.178	ng	96

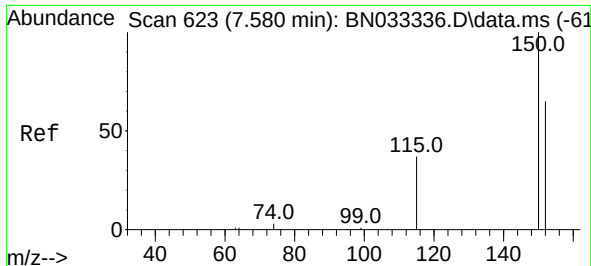
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081224\
Data File : BN033350.D
Acq On : 12 Aug 2024 14:11
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Sample : P3390-02
Misc : LOD-SOIL-0.2ng
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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LOQ-SOIL-02-QT3-2024

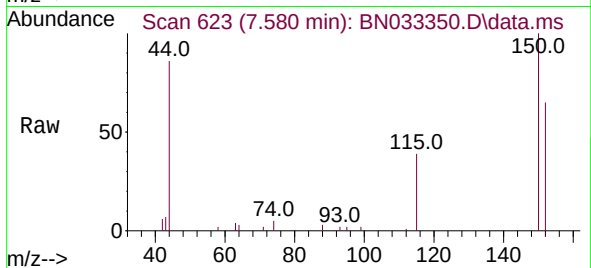
Quant Time: Aug 12 15:02:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 12 01:09:50 2024
Response via : Initial Calibration



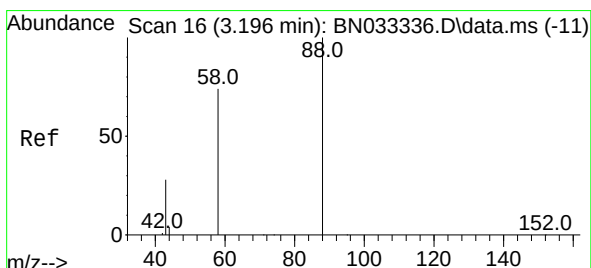
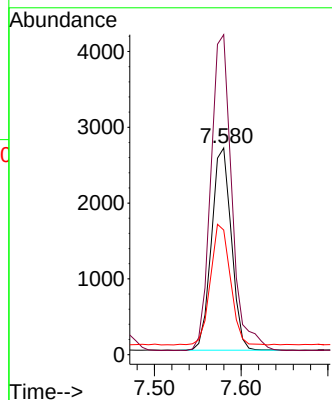
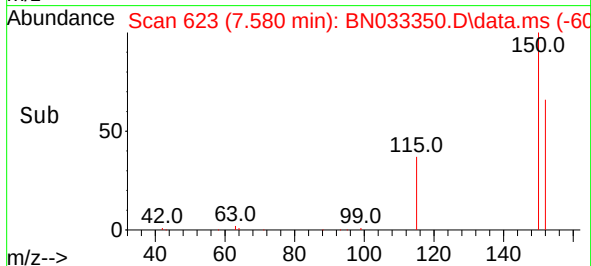


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.580 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024

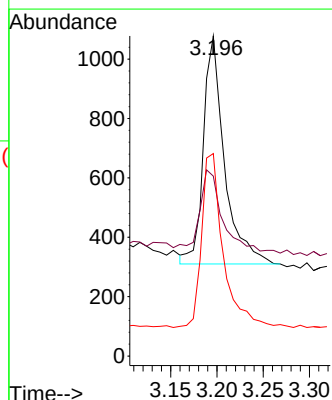
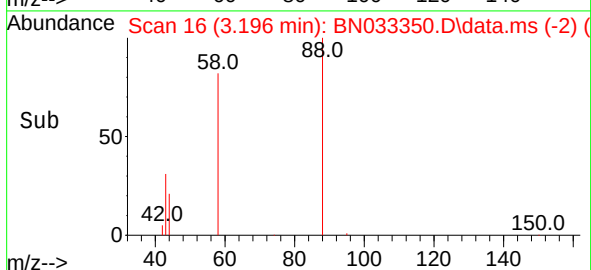
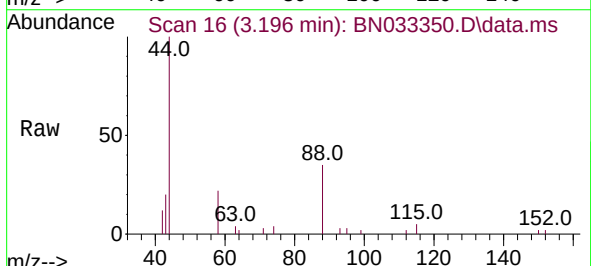


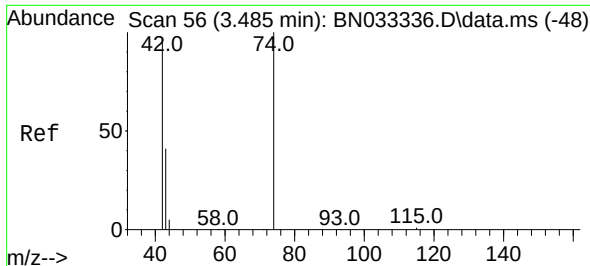
Tgt Ion:152 Resp: 4236
Ion Ratio Lower Upper
152 100
150 154.8 122.3 183.5
115 60.3 48.8 73.2



#2
1,4-Dioxane
Concen: 0.258 ng
RT: 3.196 min Scan# 16
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

Tgt Ion: 88 Resp: 1214
Ion Ratio Lower Upper
88 100
43 39.0 30.6 46.0
58 78.2 64.5 96.7

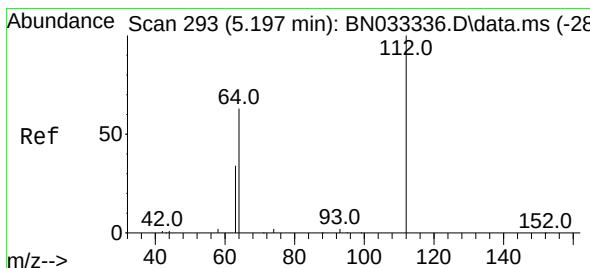
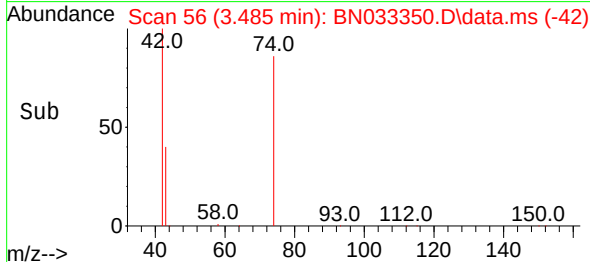
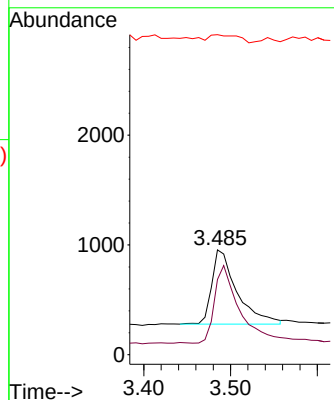
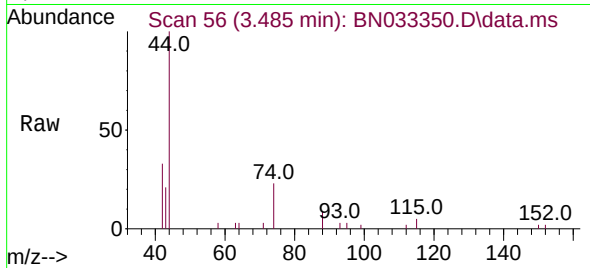




#3
n-Nitrosodimethylamine
Concen: 0.224 ng
RT: 3.485 min Scan# 56
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

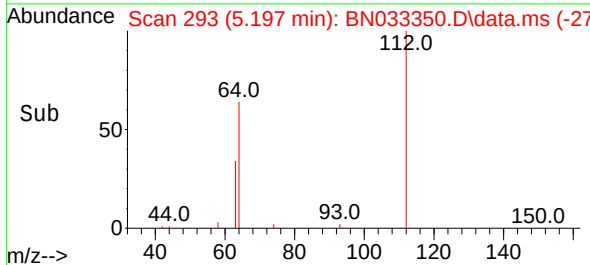
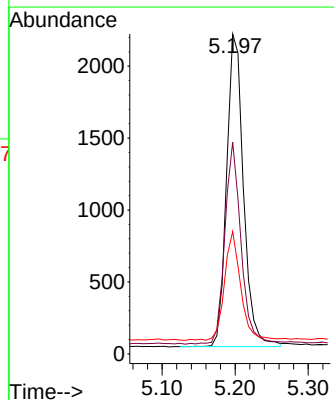
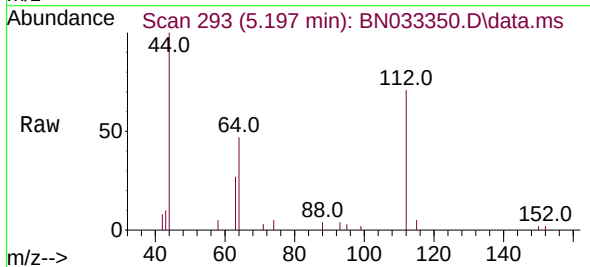
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024

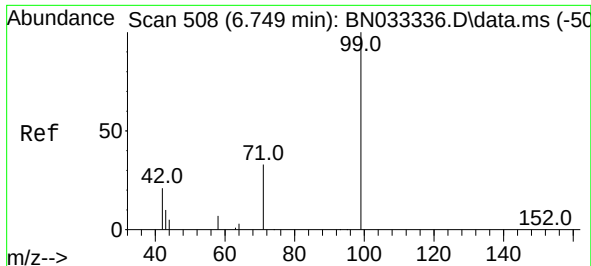
Tgt Ion: 42 Resp: 1360
Ion Ratio Lower Upper
42 100
74 103.7 89.0 133.6
44 12.2 11.0 16.4



#4
2-Fluorophenol
Concen: 0.298 ng
RT: 5.197 min Scan# 293
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

Tgt Ion: 112 Resp: 3485
Ion Ratio Lower Upper
112 100
64 62.2 48.1 72.1
63 33.6 25.4 38.2

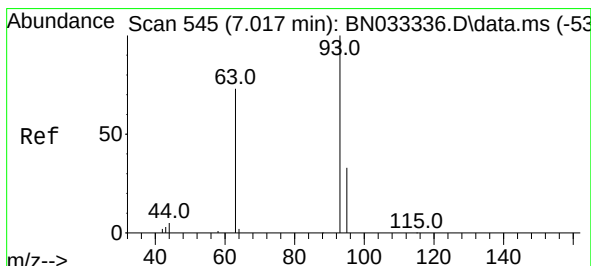
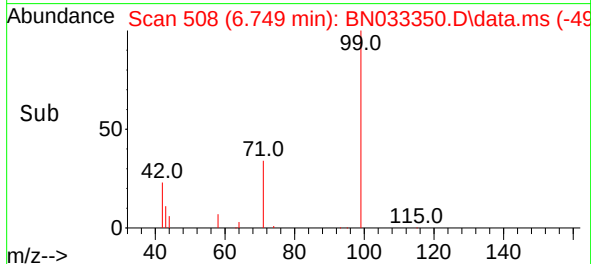
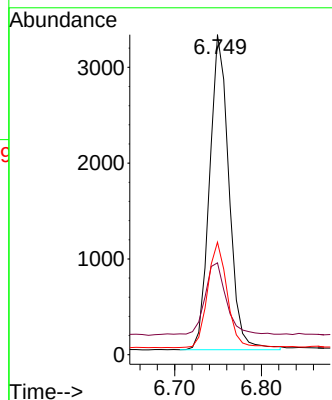
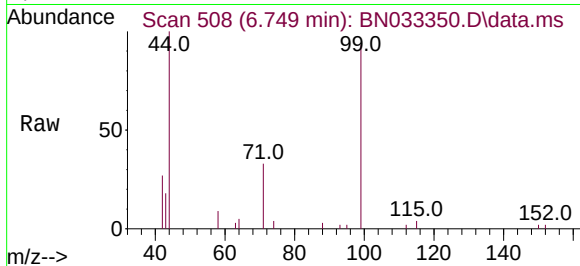




#5
Phenol-d6
Concen: 0.323 ng
RT: 6.749 min Scan# 508
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

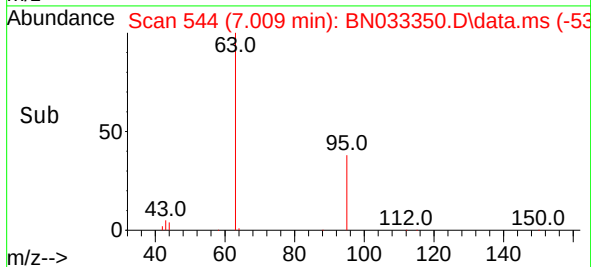
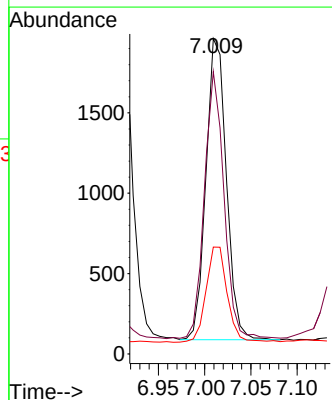
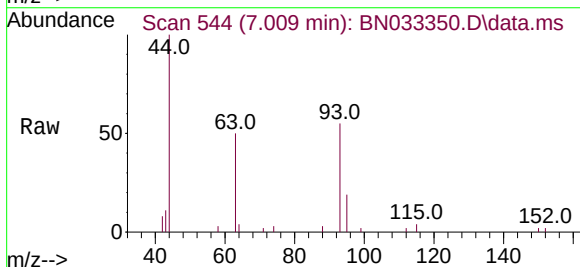
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024

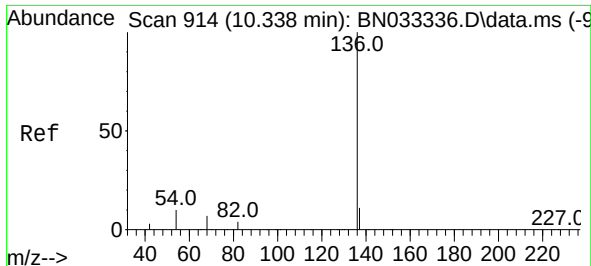
Tgt Ion: 99 Resp: 5112
Ion Ratio Lower Upper
99 100
42 26.3 18.5 27.7
71 33.9 26.2 39.2



#6
bis(2-Chloroethyl)ether
Concen: 0.224 ng
RT: 7.009 min Scan# 544
Delta R.T. -0.007 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

Tgt Ion: 93 Resp: 2871
Ion Ratio Lower Upper
93 100
63 85.1 65.2 97.8
95 33.1 26.2 39.4

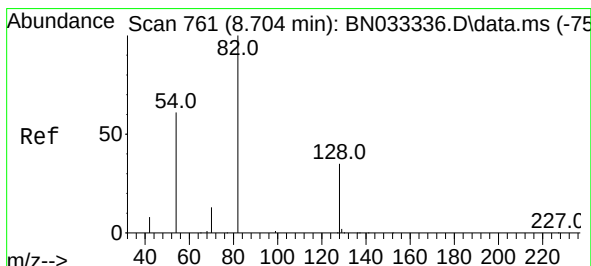
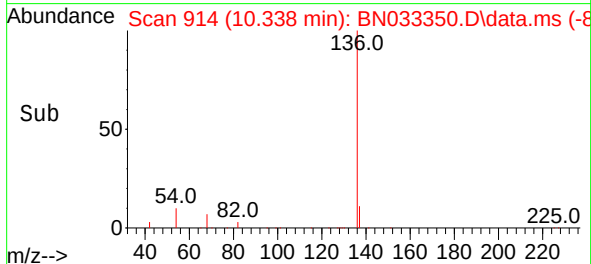
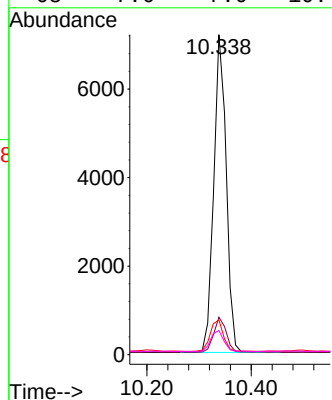
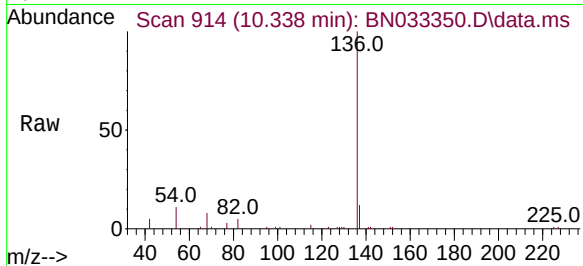




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.338 min Scan# 914
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

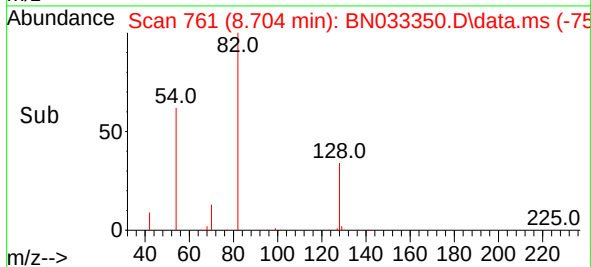
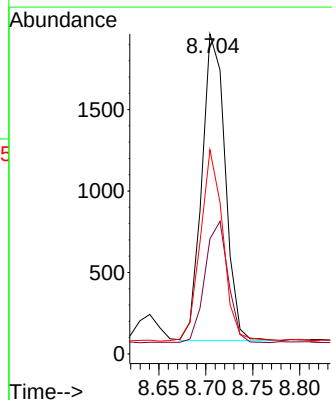
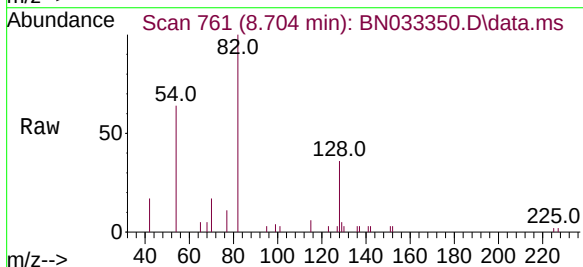
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024

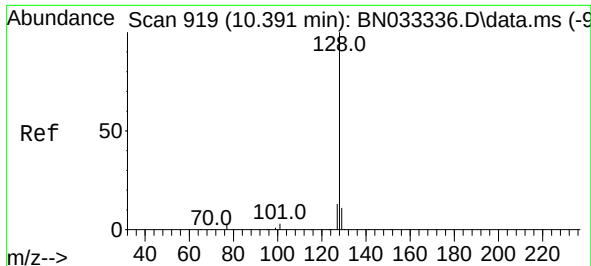
Tgt Ion:	136	Resp:	11854
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.9	9.4	14.0
68	7.6	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.364 ng
RT: 8.704 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

Tgt Ion:	82	Resp:	3253
Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.0	43.4
54	63.8	50.2	75.4

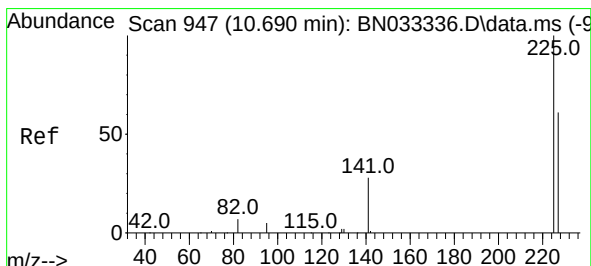
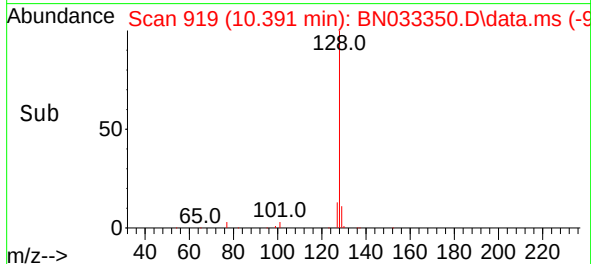
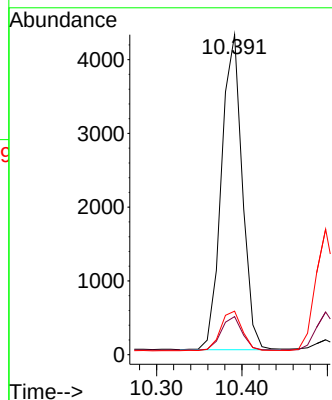
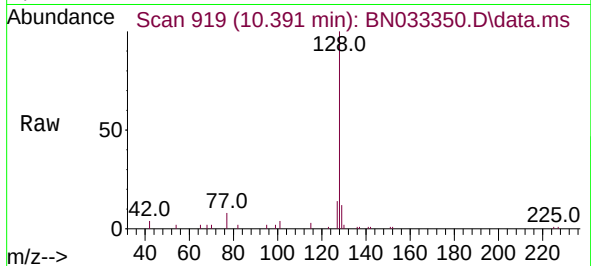




#9
Naphthalene
Concen: 0.221 ng
RT: 10.391 min Scan# 919
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

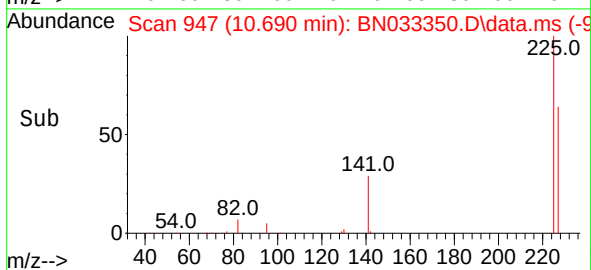
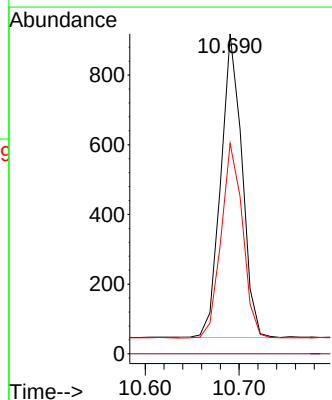
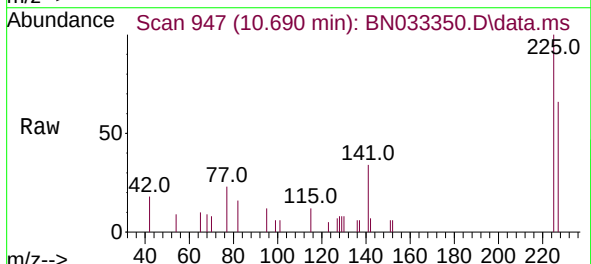
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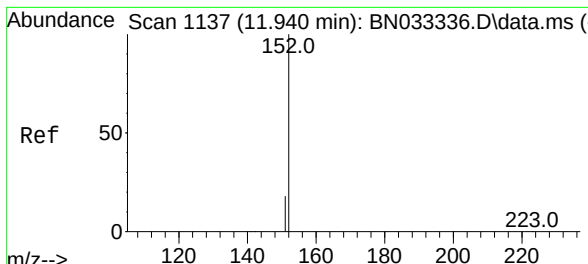
Tgt Ion:128 Resp: 7230
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.6 10.6 15.8



#10
Hexachlorobutadiene
Concen: 0.219 ng
RT: 10.690 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

Tgt Ion:225 Resp: 1363
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 65.2 50.8 76.2

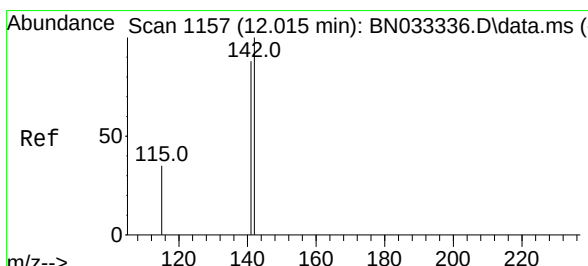
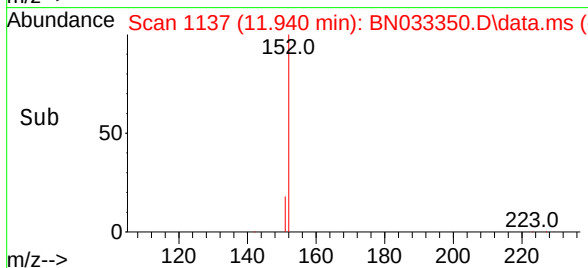
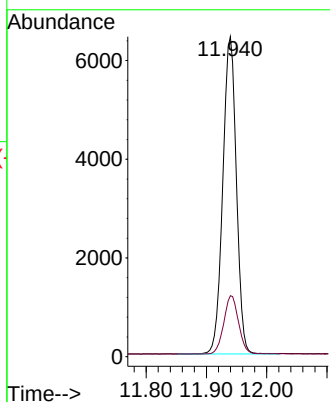
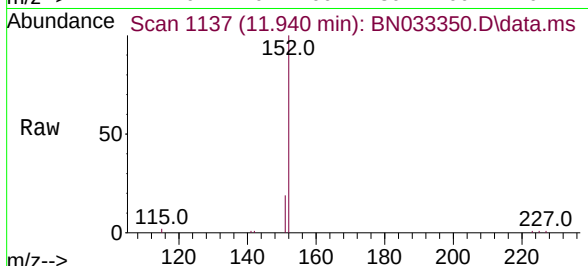




#11
2-Methylnaphthalene-d10
Concen: 0.552 ng
RT: 11.940 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

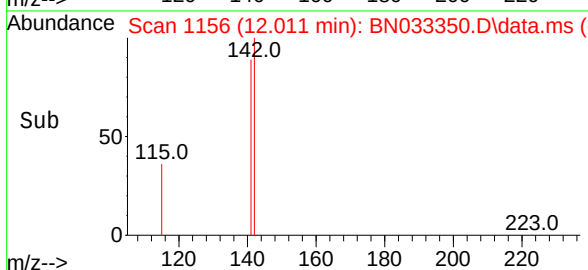
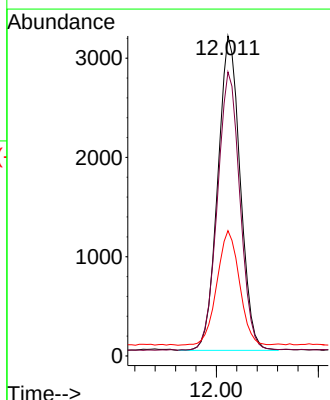
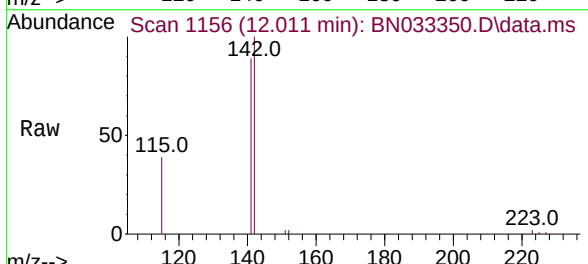
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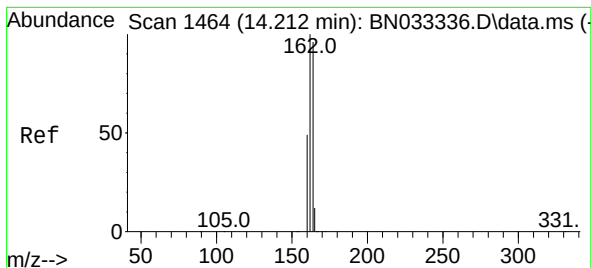
Tgt Ion:152 Resp: 10071
Ion Ratio Lower Upper
152 100
151 19.9 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.218 ng
RT: 12.011 min Scan# 1156
Delta R.T. -0.004 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

Tgt Ion:142 Resp: 4807
Ion Ratio Lower Upper
142 100
141 88.8 70.2 105.4
115 39.1 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: BN033350.D

Acq: 12 Aug 2024 14:11

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2024

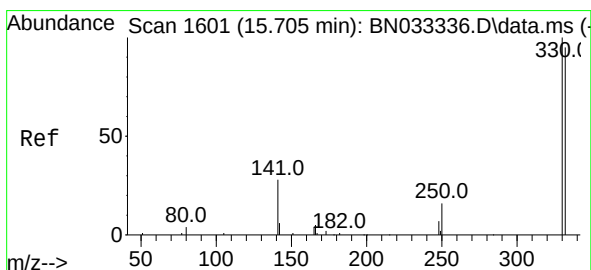
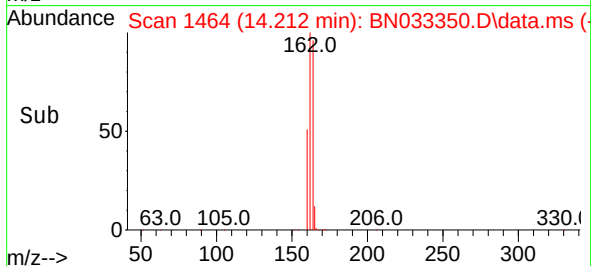
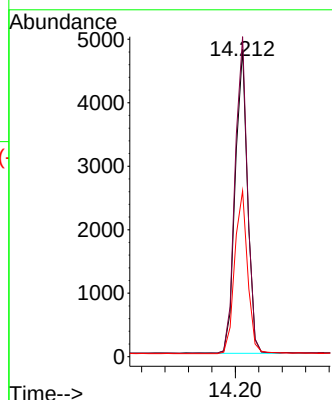
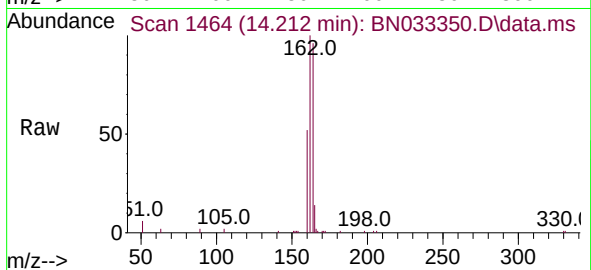
Tgt Ion:164 Resp: 7019

Ion Ratio Lower Upper

164 100

162 104.0 83.1 124.7

160 53.9 41.1 61.7



#14

2,4,6-Tribromophenol

Concen: 0.281 ng

RT: 15.705 min Scan# 1601

Delta R.T. -0.000 min

Lab File: BN033350.D

Acq: 12 Aug 2024 14:11

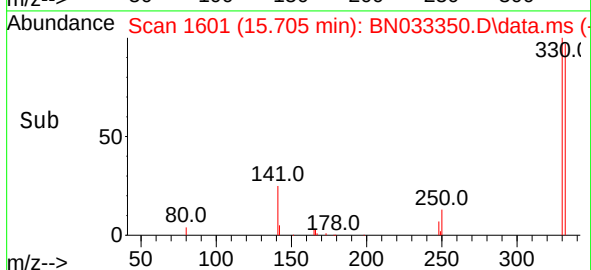
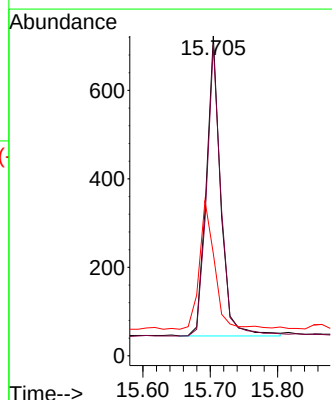
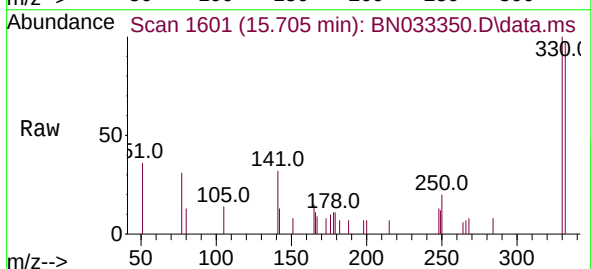
Tgt Ion:330 Resp: 1011

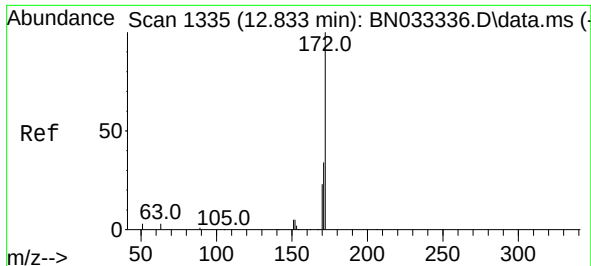
Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 45.6 33.4 50.0





#15

2-Fluorobiphenyl

Concen: 0.357 ng

RT: 12.833 min Scan# 1435

Delta R.T. -0.000 min

Lab File: BN033350.D

Acq: 12 Aug 2024 14:11

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2024

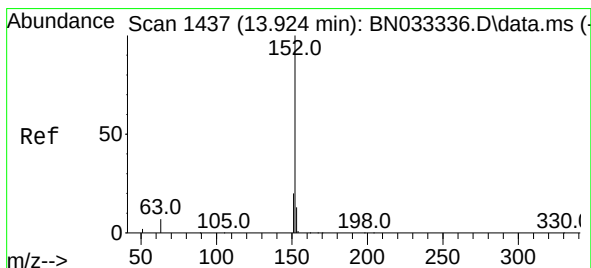
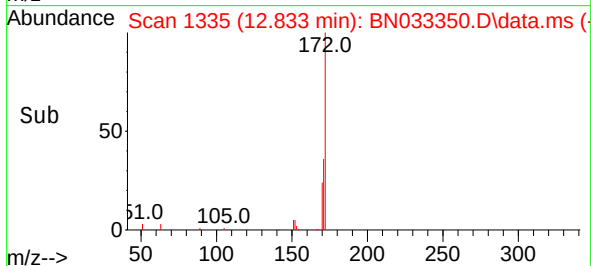
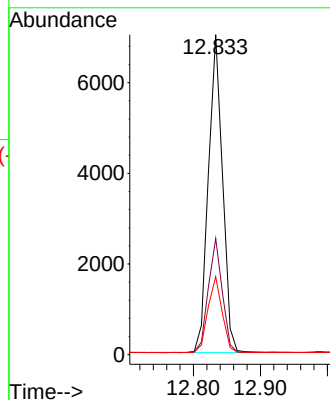
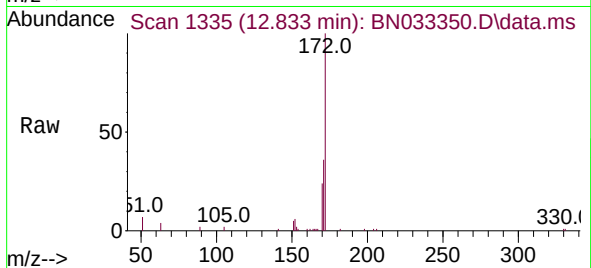
Tgt Ion:172 Resp: 10280

Ion Ratio Lower Upper

172 100

171 36.3 27.8 41.8

170 24.4 18.7 28.1



#16

Acenaphthylene

Concen: 0.217 ng

RT: 13.924 min Scan# 1437

Delta R.T. -0.000 min

Lab File: BN033350.D

Acq: 12 Aug 2024 14:11

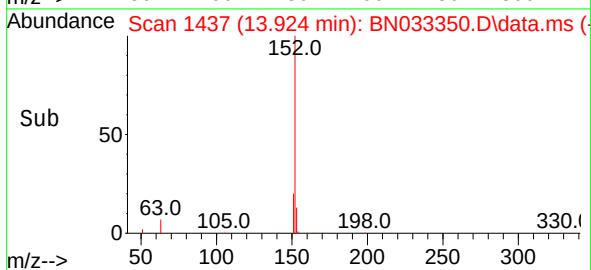
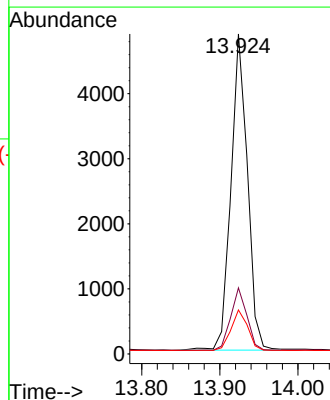
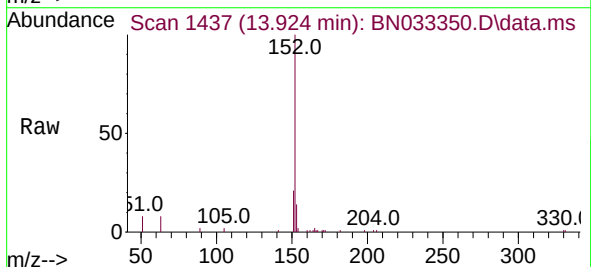
Tgt Ion:152 Resp: 7095

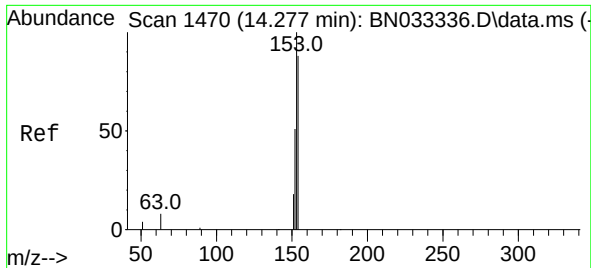
Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

153 13.0 10.4 15.6

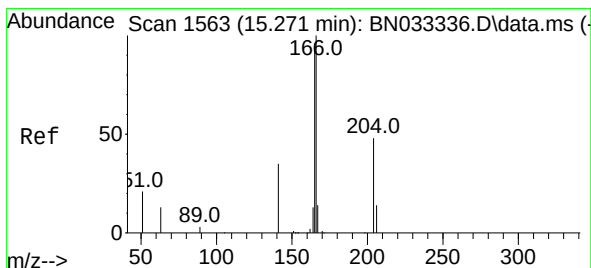
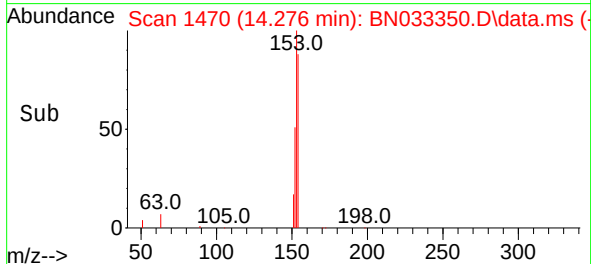
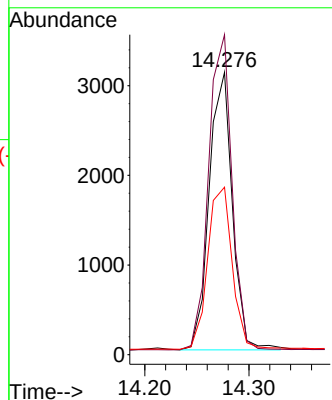
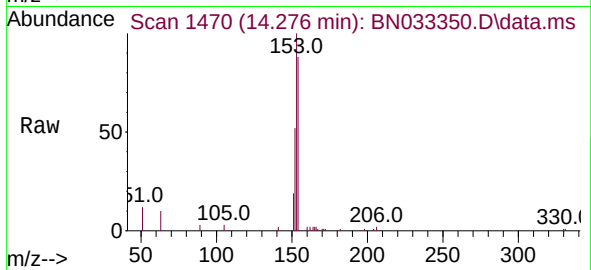




#17
Acenaphthene
Concen: 0.213 ng
RT: 14.276 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

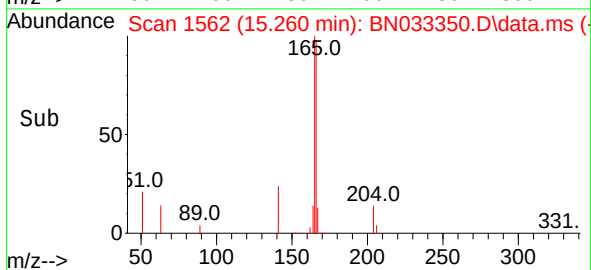
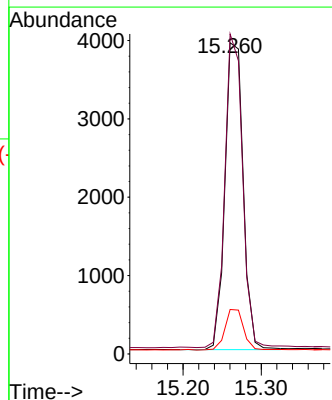
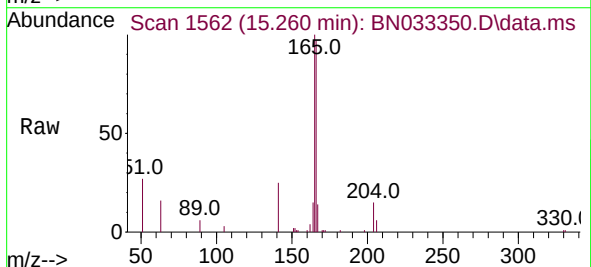
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024

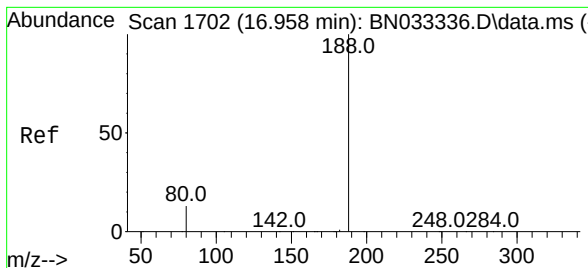
Tgt Ion:154 Resp: 4799
Ion Ratio Lower Upper
154 100
153 113.9 89.7 134.5
152 61.7 47.2 70.8



#18
Fluorene
Concen: 0.214 ng
RT: 15.260 min Scan# 1562
Delta R.T. -0.011 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

Tgt Ion:166 Resp: 6357
Ion Ratio Lower Upper
166 100
165 99.1 78.0 117.0
167 13.4 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: BN033350.D

Acq: 12 Aug 2024 14:11

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2024

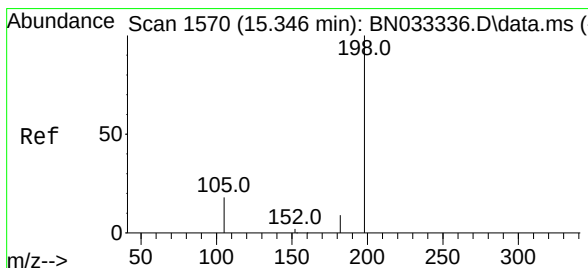
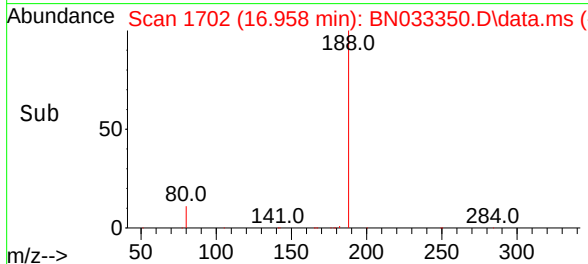
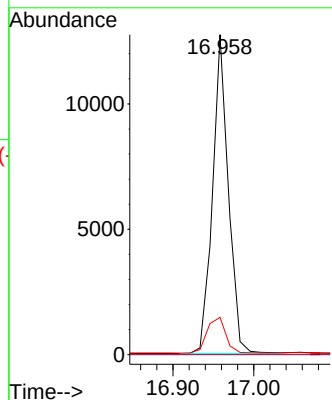
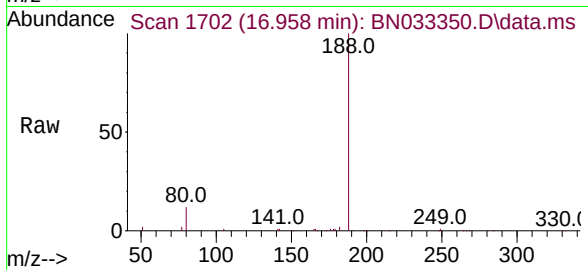
Tgt Ion:188 Resp: 17370

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.7 10.7 16.1



#20

4,6-Dinitro-2-methylphenol

Concen: 0.171 ng

RT: 15.335 min Scan# 1569

Delta R.T. -0.011 min

Lab File: BN033350.D

Acq: 12 Aug 2024 14:11

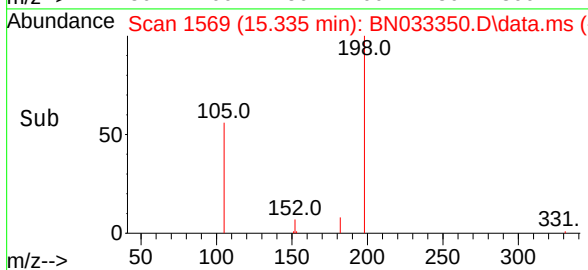
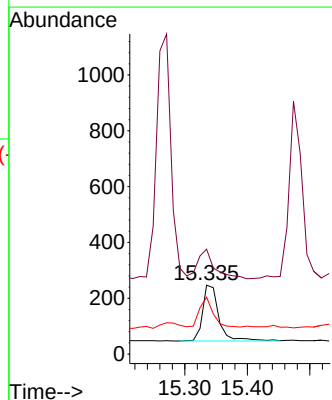
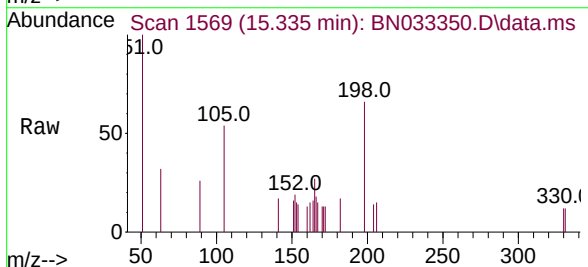
Tgt Ion:198 Resp: 360

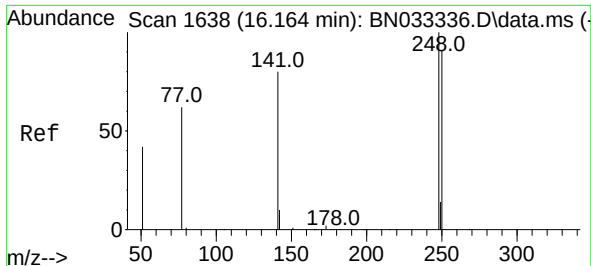
Ion Ratio Lower Upper

198 100

51 152.2 62.8 94.2#

105 82.6 34.1 51.1#

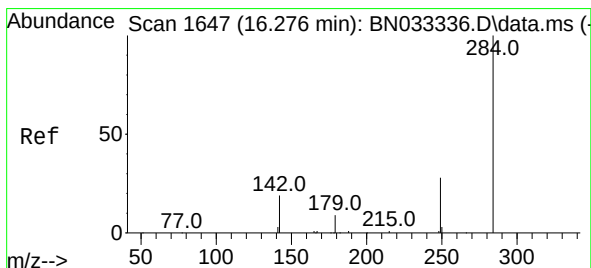
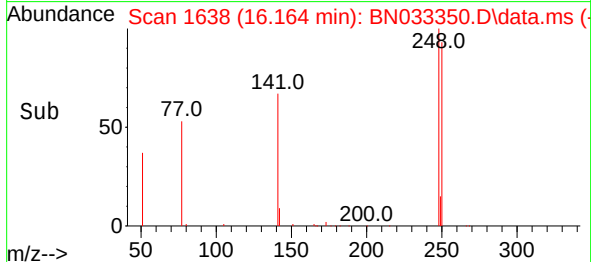
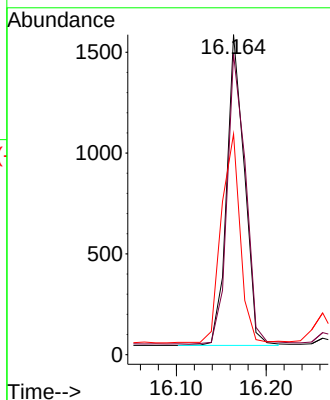
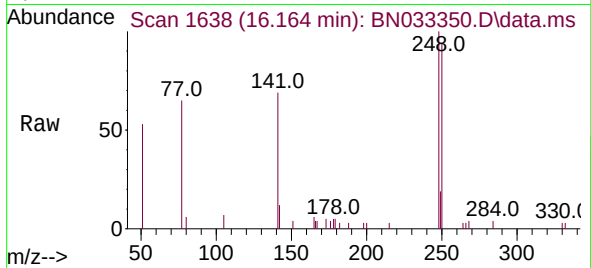




#21
4-Bromophenyl-phenylether
Concen: 0.203 ng
RT: 16.164 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

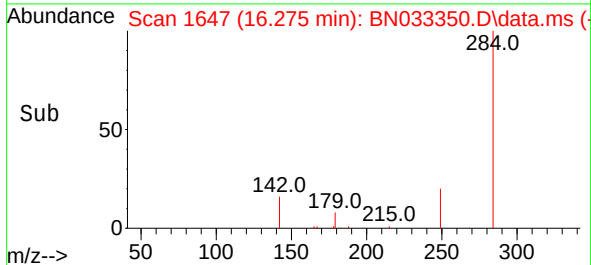
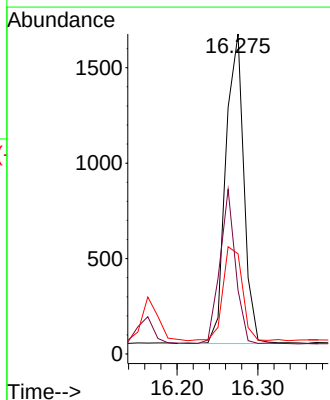
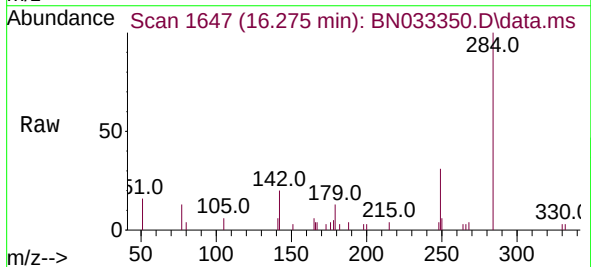
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024

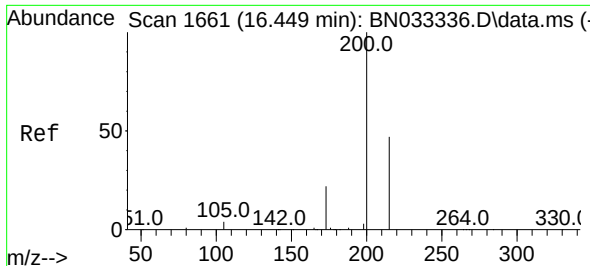
Tgt Ion:248 Resp: 2110
Ion Ratio Lower Upper
248 100
250 94.0 73.0 109.4
141 68.9 64.6 96.8



#22
Hexachlorobenzene
Concen: 0.216 ng
RT: 16.275 min Scan# 1647
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

Tgt Ion:284 Resp: 2514
Ion Ratio Lower Upper
284 100
142 43.2 32.2 48.4
249 32.6 25.3 37.9

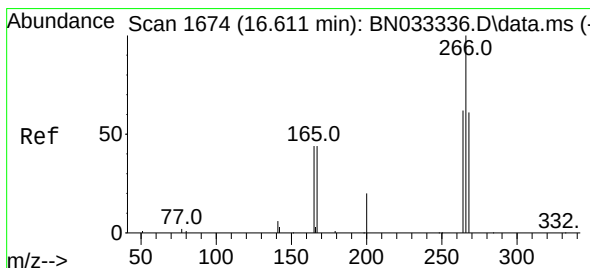
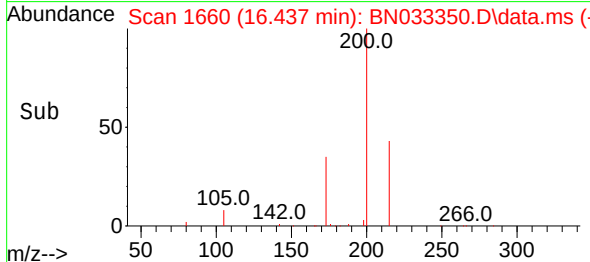
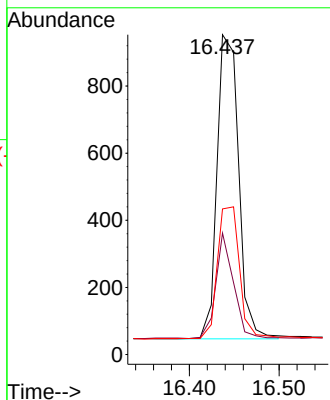
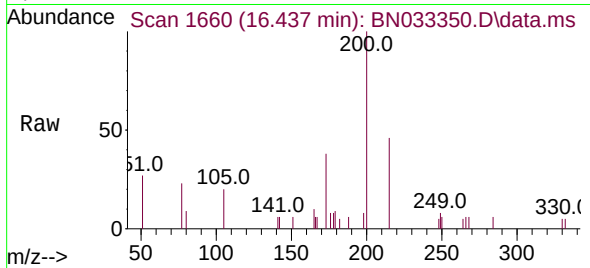




#23
Atrazine
Concen: 0.184 ng
RT: 16.437 min Scan# 1660
Delta R.T. -0.012 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

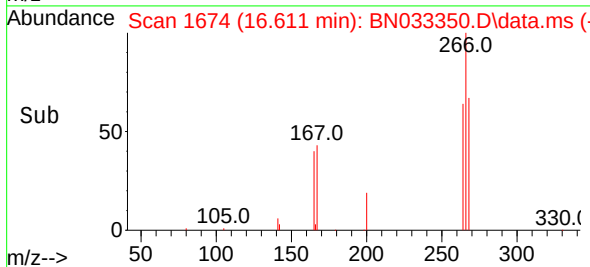
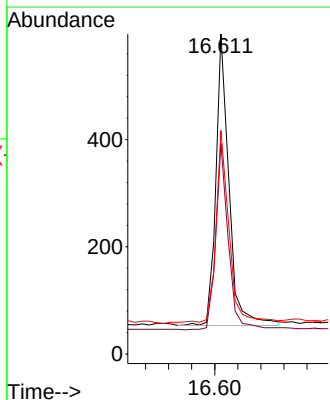
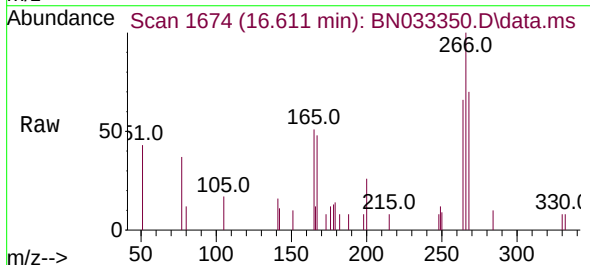
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024

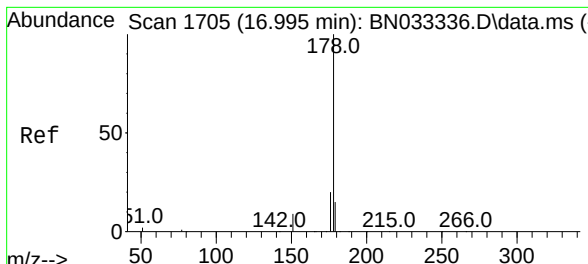
Tgt Ion:200 Resp: 1515
Ion Ratio Lower Upper
200 100
173 38.0 18.7 28.1#
215 45.5 38.6 58.0



#24
Pentachlorophenol
Concen: 0.182 ng
RT: 16.611 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

Tgt Ion:266 Resp: 857
Ion Ratio Lower Upper
266 100
264 60.9 49.2 73.8
268 64.4 51.2 76.8

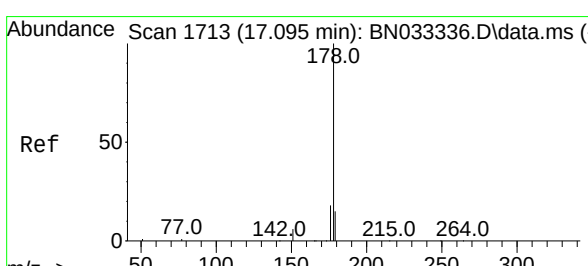
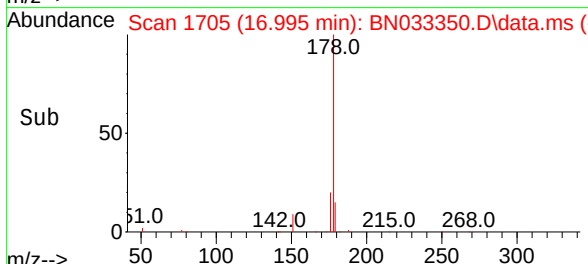
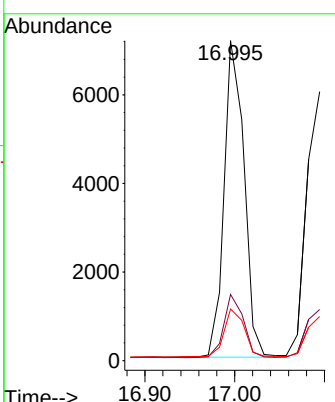
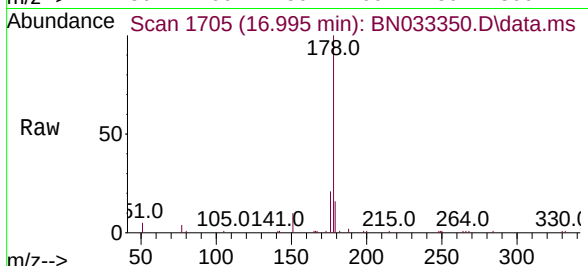




#25
 Phenanthrene
 Concen: 0.220 ng
 RT: 16.995 min Scan# 1705
 Delta R.T. -0.000 min
 Lab File: BN033350.D
 Acq: 12 Aug 2024 14:11

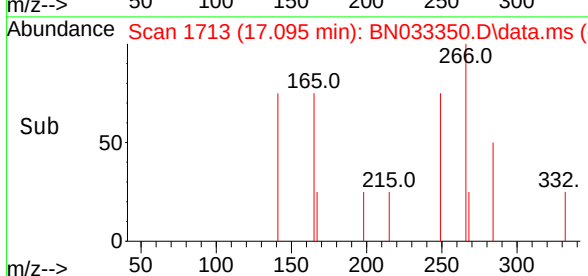
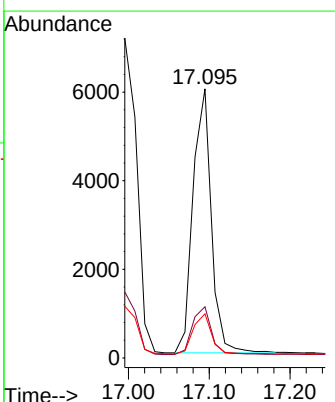
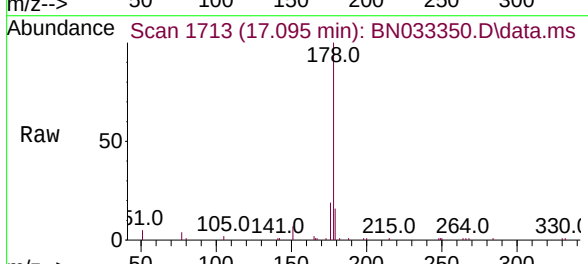
Instrument : BNA_N
 ClientSampleId : LOQ-SOIL-02-QT3-2024

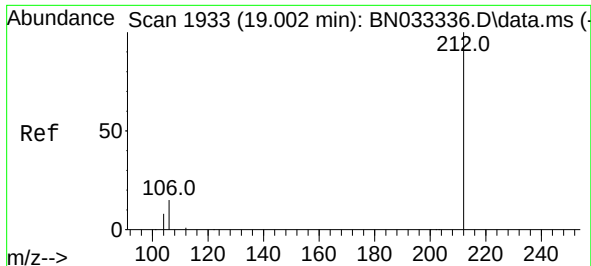
Tgt Ion:	178	Resp:	11033
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.4	23.0
179	15.6	12.2	18.2



#26
 Anthracene
 Concen: 0.213 ng
 RT: 17.095 min Scan# 1713
 Delta R.T. -0.000 min
 Lab File: BN033350.D
 Acq: 12 Aug 2024 14:11

Tgt Ion:	178	Resp:	9451
Ion Ratio	Lower	Upper	
178	100		
176	18.8	14.7	22.1
179	15.4	12.2	18.2

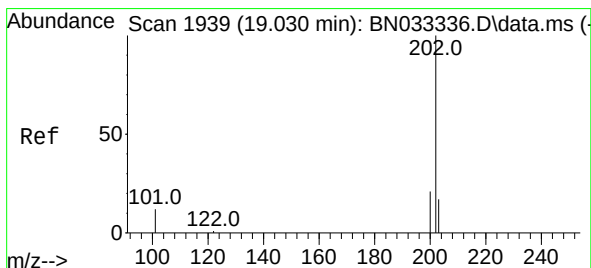
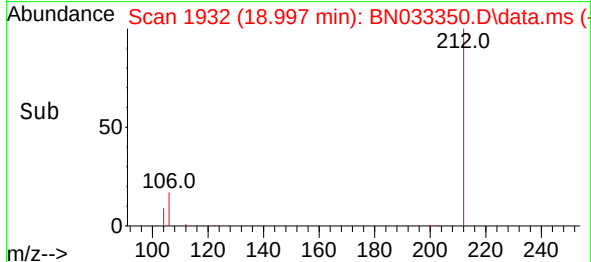
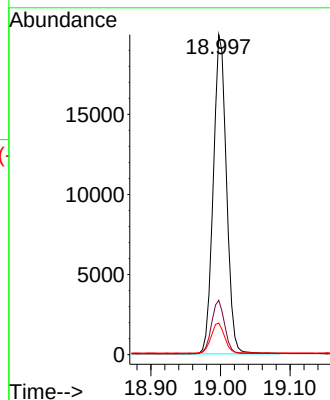
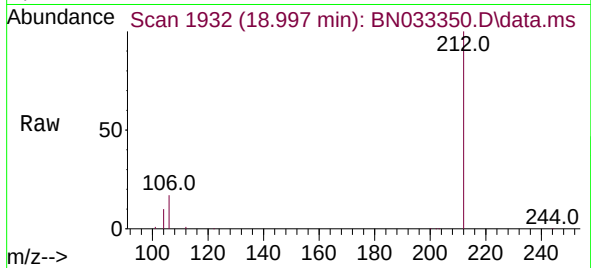




#27
Fluoranthene-d10
Concen: 0.566 ng
RT: 18.997 min Scan# 1932
Delta R.T. -0.005 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

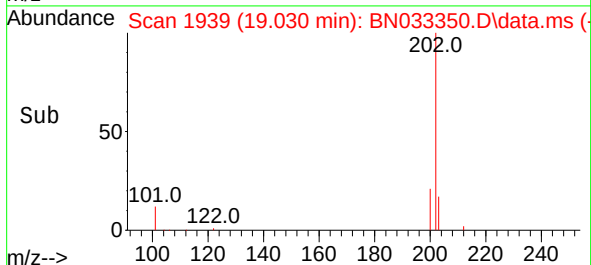
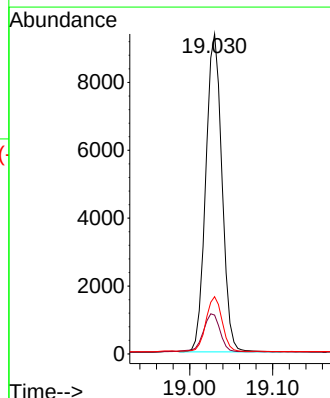
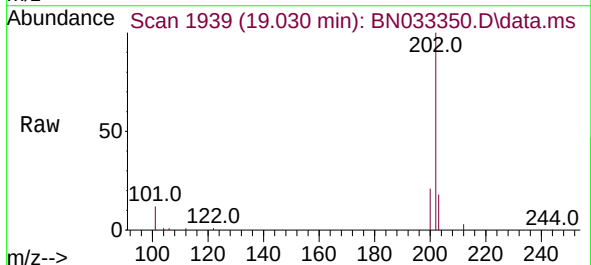
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024

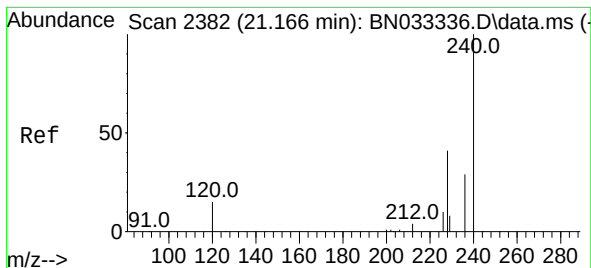
Tgt Ion:212 Resp: 26264
Ion Ratio Lower Upper
212 100
106 16.7 12.8 19.2
104 9.6 7.1 10.7



#28
Fluoranthene
Concen: 0.205 ng
RT: 19.030 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

Tgt Ion:202 Resp: 12672
Ion Ratio Lower Upper
202 100
101 12.9 9.8 14.6
203 17.1 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: BN033350.D

Acq: 12 Aug 2024 14:11

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2024

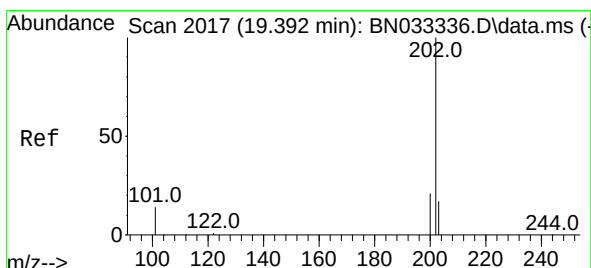
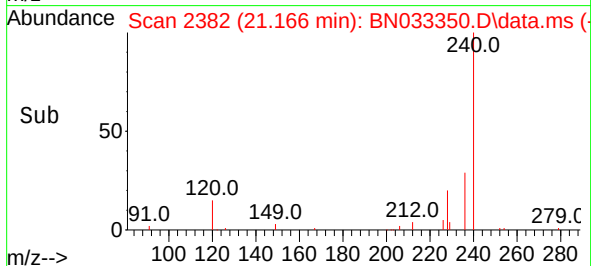
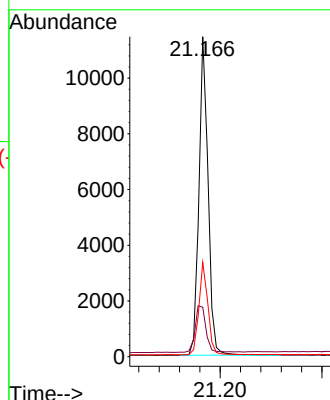
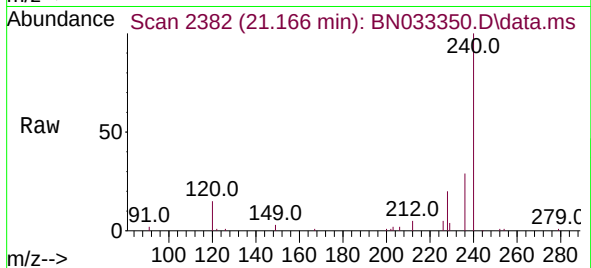
Tgt Ion:240 Resp: 14213

Ion Ratio Lower Upper

240 100

120 15.5 13.0 19.6

236 29.4 23.2 34.8



#30

Pyrene

Concen: 0.221 ng

RT: 19.392 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BN033350.D

Acq: 12 Aug 2024 14:11

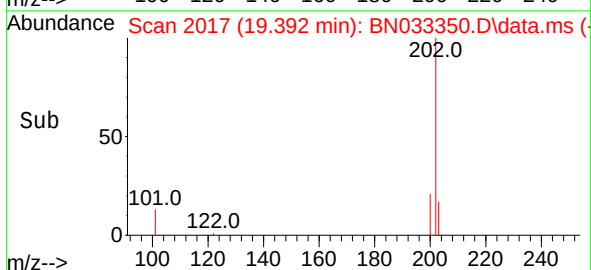
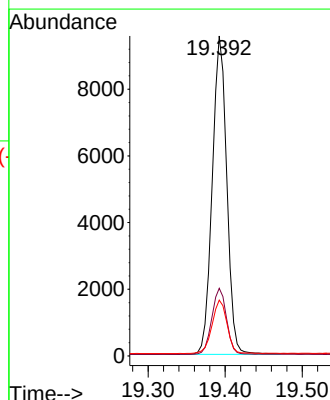
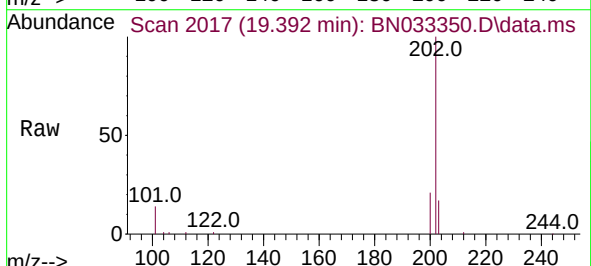
Tgt Ion:202 Resp: 12485

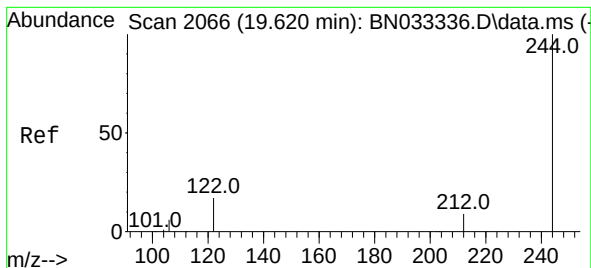
Ion Ratio Lower Upper

202 100

200 21.0 16.7 25.1

203 17.4 14.2 21.4





#31

Terphenyl-d14

Concen: 0.371 ng

RT: 19.615 min Scan# 2065

Delta R.T. -0.005 min

Lab File: BN033350.D

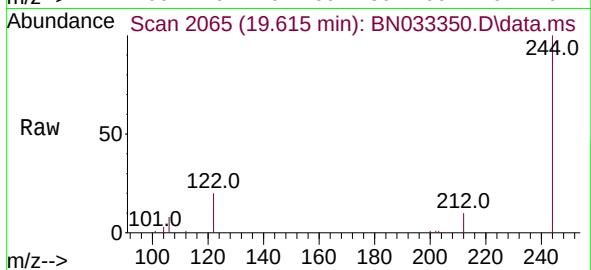
Acq: 12 Aug 2024 14:11

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2024



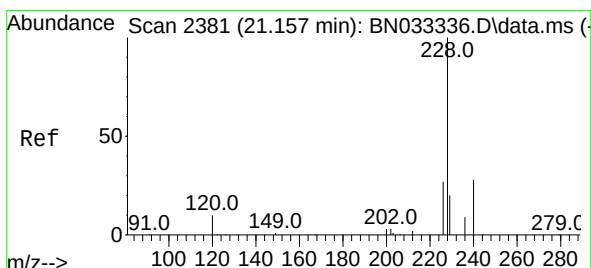
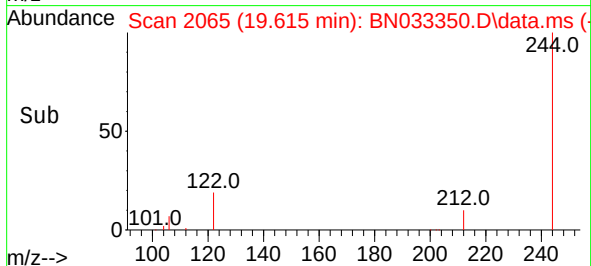
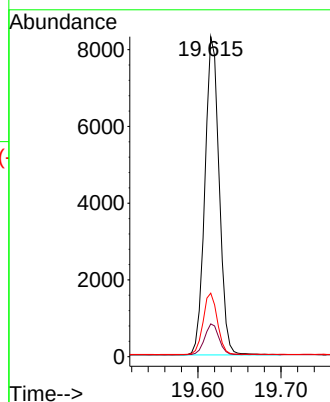
Tgt Ion:244 Resp: 9950

Ion Ratio Lower Upper

244 100

212 10.2 7.7 11.5

122 19.8 14.0 21.0



#32

Benzo(a)anthracene

Concen: 0.200 ng

RT: 21.148 min Scan# 2380

Delta R.T. -0.009 min

Lab File: BN033350.D

Acq: 12 Aug 2024 14:11

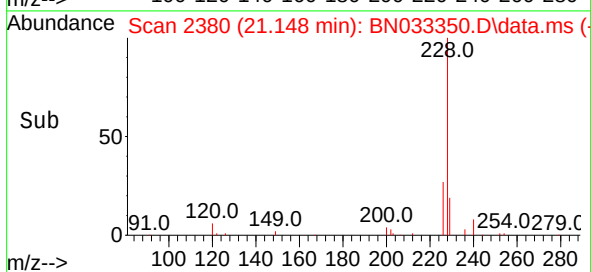
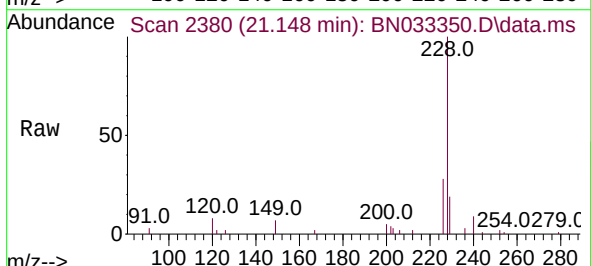
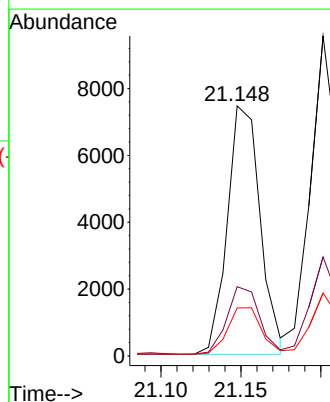
Tgt Ion:228 Resp: 10644

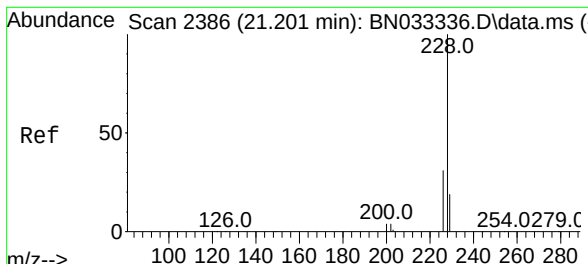
Ion Ratio Lower Upper

228 100

226 27.7 21.6 32.4

229 19.2 15.9 23.9

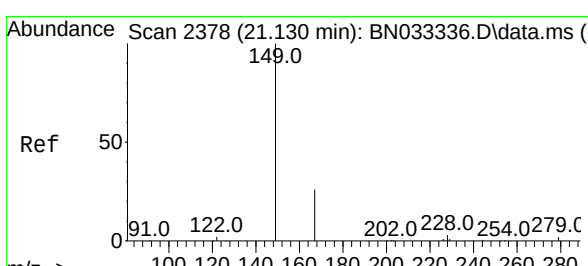
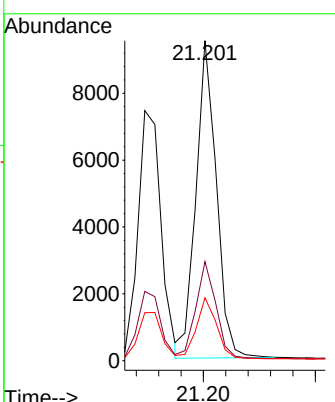
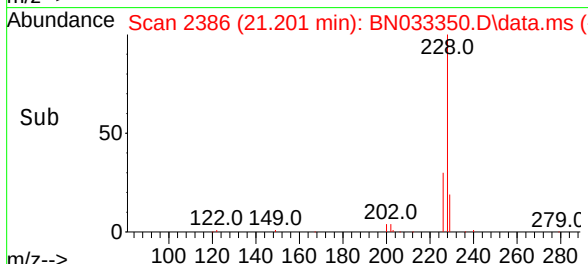
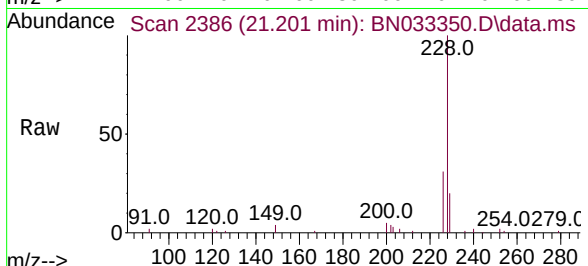




#33
 Chrysene
 Concen: 0.225 ng
 RT: 21.201 min Scan# 2386
 Delta R.T. -0.000 min
 Lab File: BN033350.D
 Acq: 12 Aug 2024 14:11

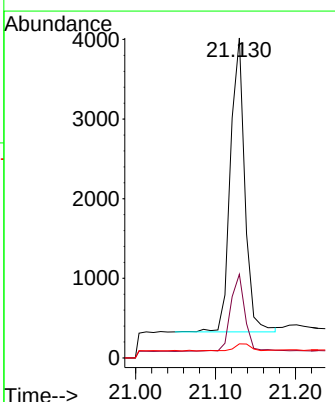
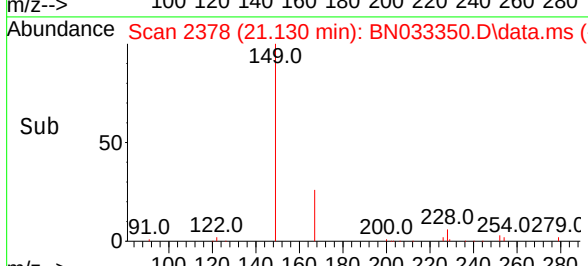
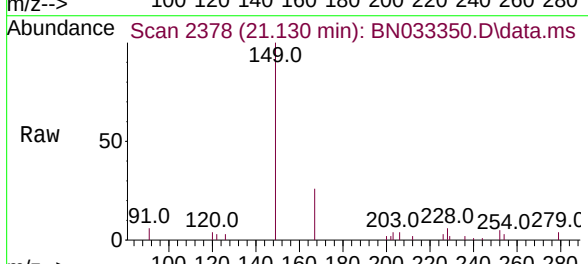
Instrument : BNA_N
 ClientSampleId : LOQ-SOIL-02-QT3-2024

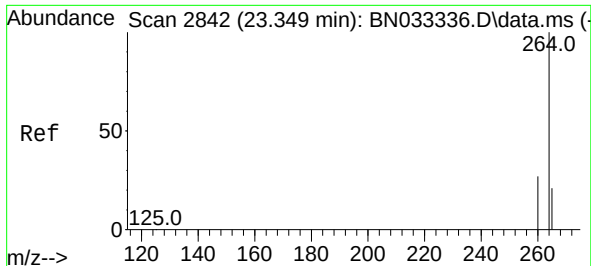
Tgt Ion:	228	Resp:	12029
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.7	37.1
229	19.7	15.4	23.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.190 ng
 RT: 21.130 min Scan# 2378
 Delta R.T. -0.000 min
 Lab File: BN033350.D
 Acq: 12 Aug 2024 14:11

Tgt Ion:	149	Resp:	4586
Ion Ratio	Lower	Upper	
149	100		
167	26.4	20.9	31.3
279	2.5	2.2	3.4

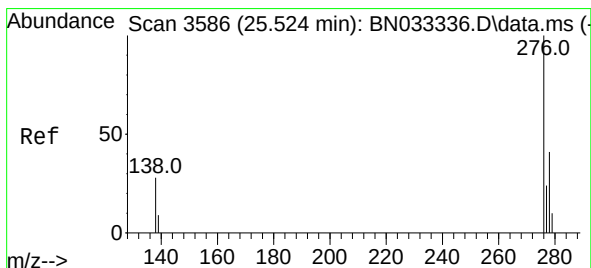
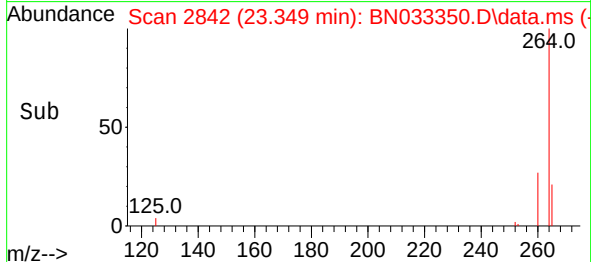
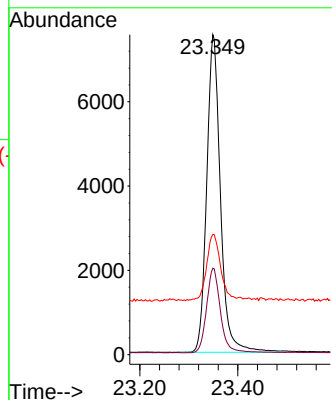
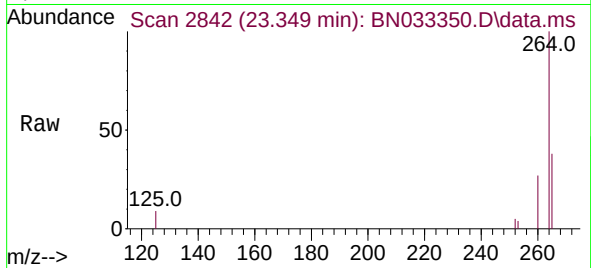




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.349 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN033350.D
 Acq: 12 Aug 2024 14:11

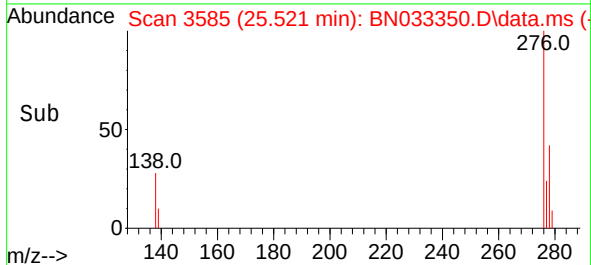
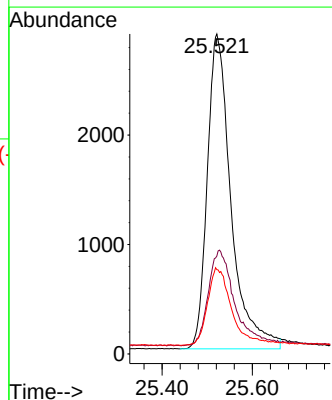
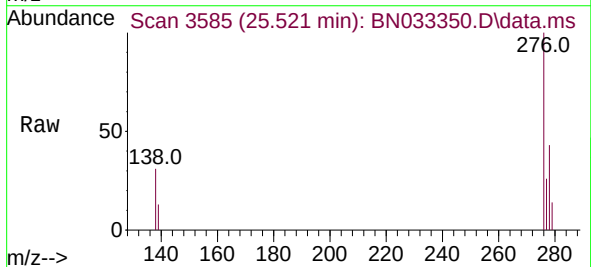
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

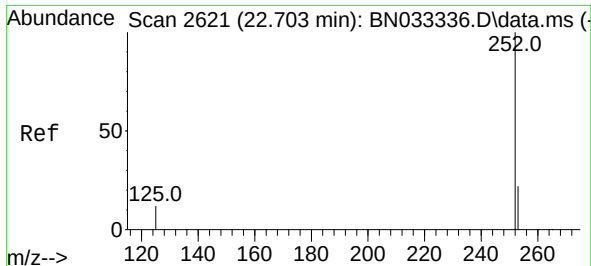
Tgt Ion:	264	Resp:	14613
Ion Ratio	Lower	Upper	
264	100		
260	27.0	21.6	32.4
265	37.6	29.3	43.9



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.174 ng
 RT: 25.521 min Scan# 3585
 Delta R.T. -0.003 min
 Lab File: BN033350.D
 Acq: 12 Aug 2024 14:11

Tgt Ion:	276	Resp:	10530
Ion Ratio	Lower	Upper	
276	100		
138	33.9	24.9	37.3
277	25.2	19.8	29.6





#37

Benzo(b)fluoranthene

Concen: 0.203 ng

RT: 22.703 min Scan# 2621

Delta R.T. -0.000 min

Lab File: BN033350.D

Acq: 12 Aug 2024 14:11

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2024

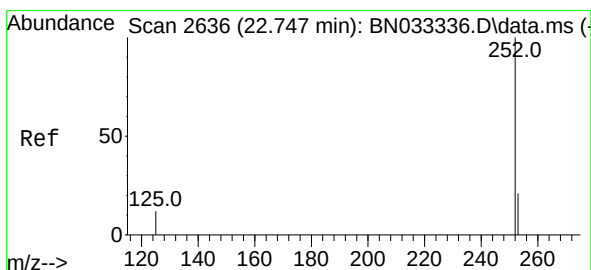
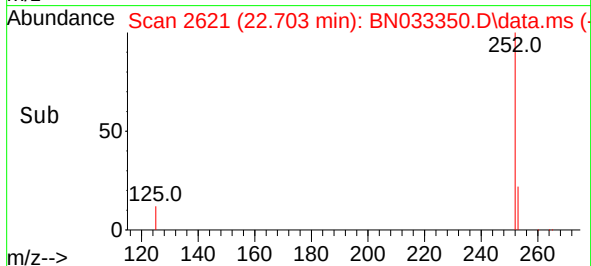
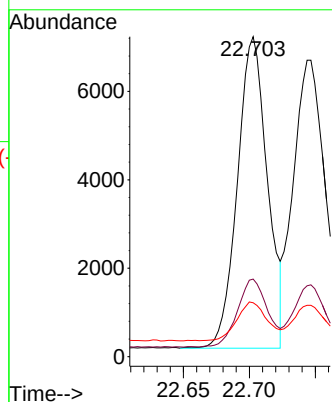
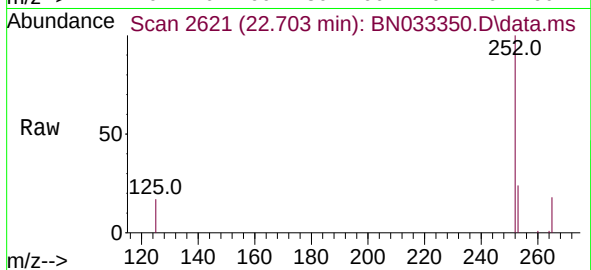
Tgt Ion:252 Resp: 11144

Ion Ratio Lower Upper

252 100

253 24.3 18.2 27.2

125 16.9 11.3 16.9



#38

Benzo(k)fluoranthene

Concen: 0.199 ng

RT: 22.703 min Scan# 2621

Delta R.T. -0.044 min

Lab File: BN033350.D

Acq: 12 Aug 2024 14:11

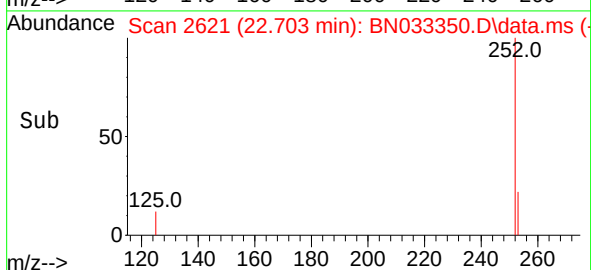
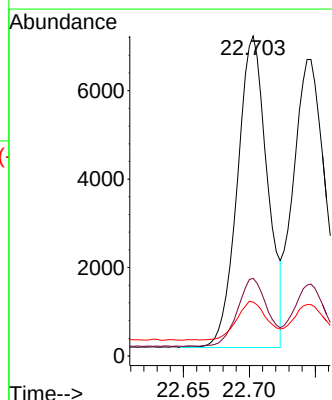
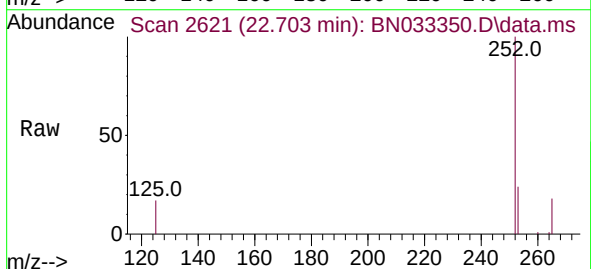
Tgt Ion:252 Resp: 11144

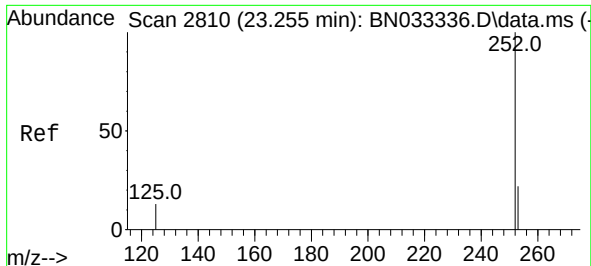
Ion Ratio Lower Upper

252 100

253 24.3 17.9 26.9

125 16.9 11.3 16.9





#39

Benzo(a)pyrene

Concen: 0.185 ng

RT: 23.253 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN033350.D

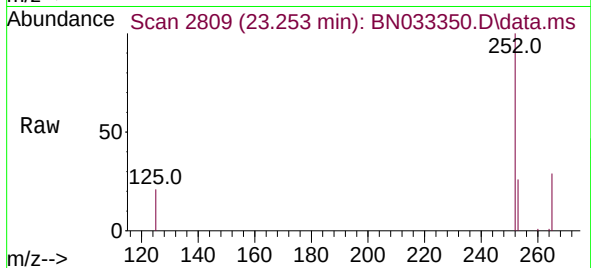
Acq: 12 Aug 2024 14:11

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2024



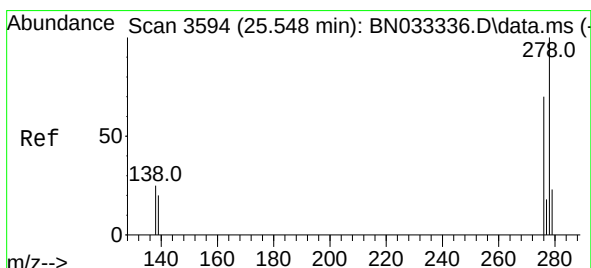
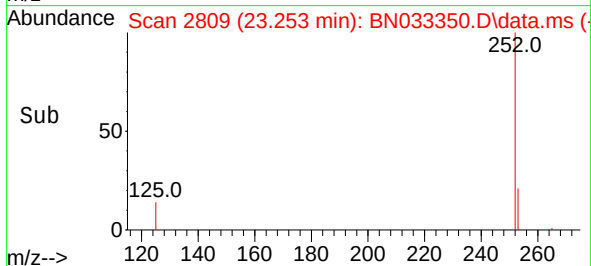
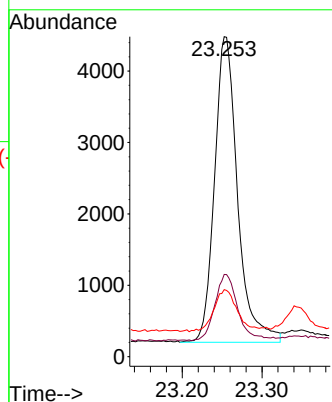
Tgt Ion:252 Resp: 8592

Ion Ratio Lower Upper

252 100

253 25.7 18.6 28.0

125 21.0 12.6 19.0#



#40

Dibenzo(a,h)anthracene

Concen: 0.175 ng

RT: 25.542 min Scan# 3592

Delta R.T. -0.006 min

Lab File: BN033350.D

Acq: 12 Aug 2024 14:11

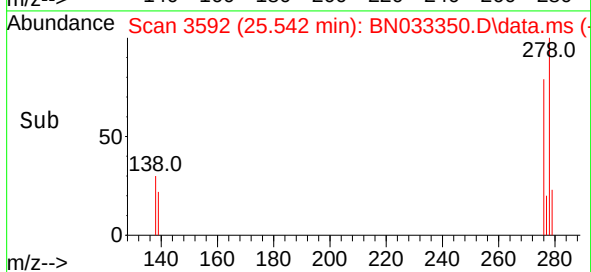
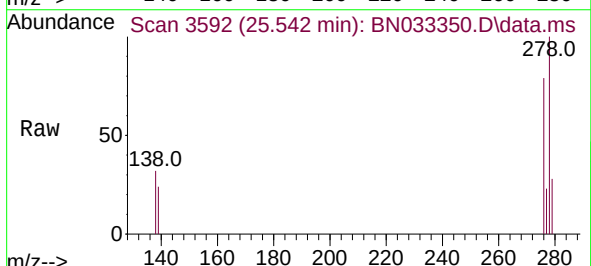
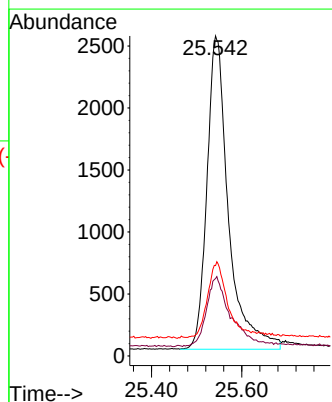
Tgt Ion:278 Resp: 8361

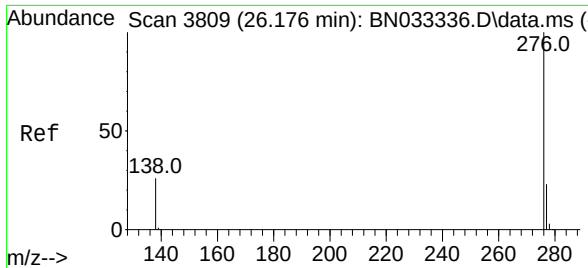
Ion Ratio Lower Upper

278 100

139 24.2 17.0 25.6

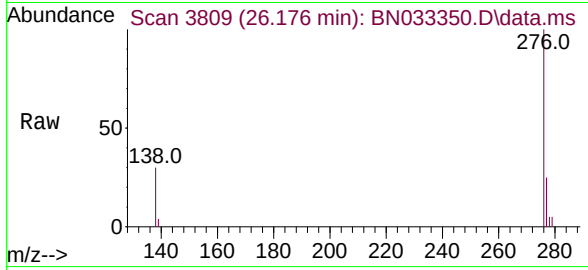
279 28.2 20.0 30.0





#41
Benzo(g,h,i)perylene
Concen: 0.178 ng
RT: 26.176 min Scan# 3809
Delta R.T. -0.000 min
Lab File: BN033350.D
Acq: 12 Aug 2024 14:11

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:276 Resp: 9395
Ion Ratio Lower Upper
276 100
277 25.4 19.4 29.2
138 29.8 21.6 32.4

