

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120922\
 Data File : BN023106.D
 Acq On : 09 Dec 2022 14:28
 Operator : CG/JU
 Sample : N4955-01
 Misc : LOD-MDL-SOIL 0.2ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

Quant Time: Dec 10 03:23:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 10 03:22:51 2022
 Response via : Initial Calibration

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

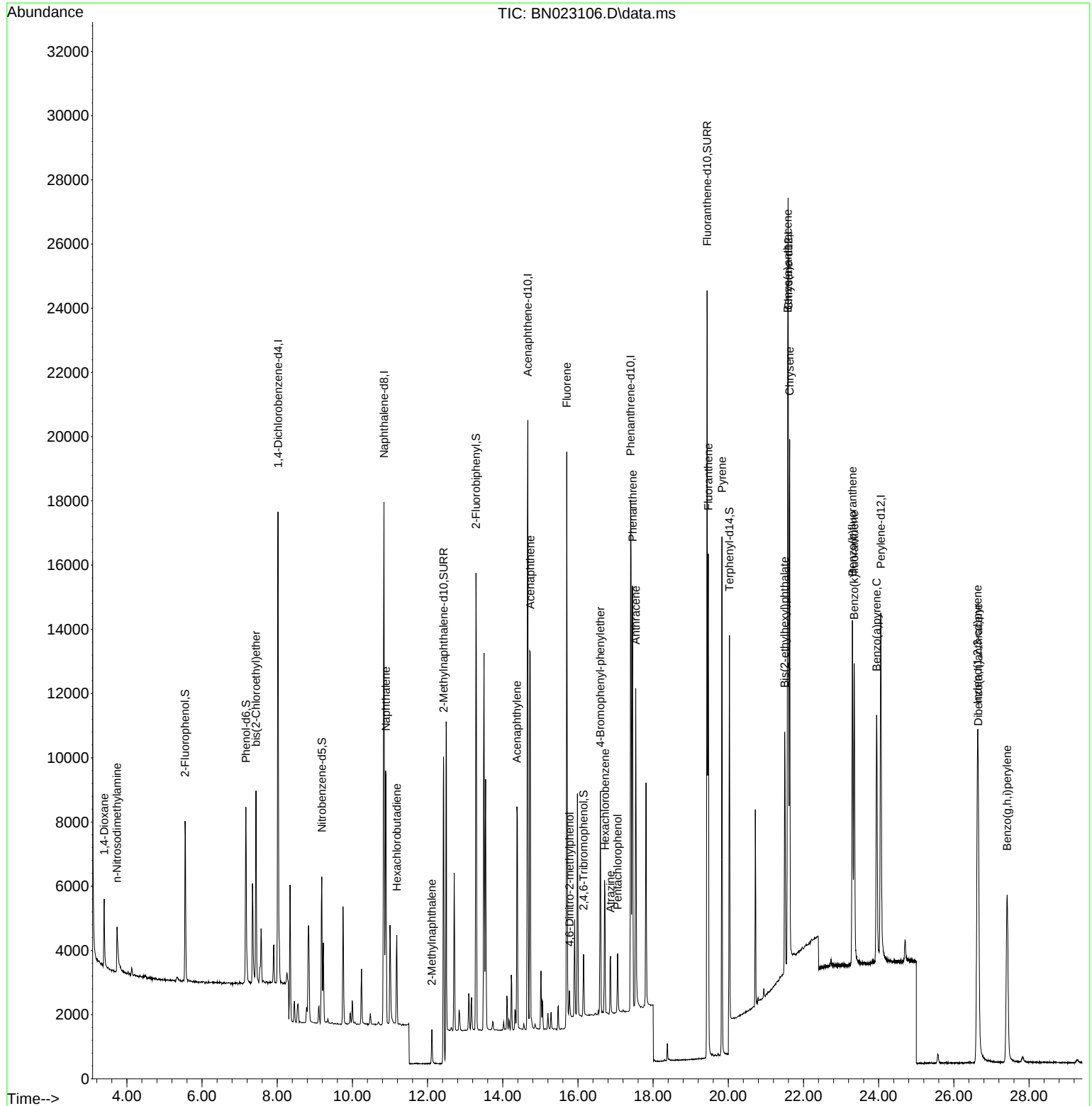
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.021	152	7018	0.400	ng	0.00
7) Naphthalene-d8	10.840	136	20671	0.400	ng	0.00
13) Acenaphthene-d10	14.666	164	10670	0.400	ng	0.00
19) Phenanthrene-d10	17.402	188	23057	0.400	ng	#-0.01
29) Chrysene-d12	21.598	240	18654	0.400	ng	0.00
35) Perylene-d12	24.056	264	15998	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.551	112	4125	0.316	ng	0.00
5) Phenol-d6	7.168	99	5094	0.307	ng	0.00
8) Nitrobenzene-d5	9.185	82	3695	0.271	ng	0.00
11) 2-Methylnaphthalene-d10	12.424	152	14561	0.415	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	1072	0.277	ng	0.00
15) 2-Fluorobiphenyl	13.287	172	12429	0.292	ng	-0.01
27) Fluoranthene-d10	19.435	212	24963	0.462	ng	0.00
31) Terphenyl-d14	20.031	244	9151	0.302	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.398	88	1541	0.222	ng	98
3) n-Nitrosodimethylamine	3.738	42	1300	0.191	ng	96
6) bis(2-Chloroethyl)ether	7.436	93	4295	0.228	ng	100
9) Naphthalene	10.893	128	11001	0.209	ng	99
10) Hexachlorobutadiene	11.182	225	2203	0.220	ng	# 98
12) 2-Methylnaphthalene	12.114	142	1536	0.196	ng	# 92
16) Acenaphthylene	14.378	152	8396	0.195	ng	99
17) Acenaphthene	14.730	154	6351	0.201	ng	99
18) Fluorene	15.703	166	6972	0.197	ng	98
20) 4,6-Dinitro-2-methylph...	15.776	198	461	0.140	ng	# 65
21) 4-Bromophenyl-phenylether	16.595	248	2519	0.205	ng	97
22) Hexachlorobenzene	16.719	284	3433	0.213	ng	98
23) Atrazine	16.868	200	1604	0.185	ng	95
24) Pentachlorophenol	17.055	266	895	0.160	ng	96
25) Phenanthrene	17.452	178	13479	0.196	ng	99
26) Anthracene	17.539	178	10565	0.193	ng	100
28) Fluoranthene	19.469	202	14255	0.194	ng	99
30) Pyrene	19.831	202	13936	0.204	ng	99
32) Benzo(a)anthracene	21.580	228	11271	0.188	ng	100
33) Chrysene	21.634	228	13905	0.206	ng	100
34) Bis(2-ethylhexyl)phtha...	21.500	149	5244	0.206	ng	100
36) Indeno(1,2,3-cd)pyrene	26.629	276	14705	0.205	ng	98
37) Benzo(b)fluoranthene	23.302	252	13694	0.206	ng	# 92
38) Benzo(k)fluoranthene	23.352	252	12645	0.188	ng	# 94
39) Benzo(a)pyrene	23.945	252	11893	0.239	ng	# 88
40) Dibenzo(a,h)anthracene	26.650	278	11775	0.205	ng	97
41) Benzo(g,h,i)perylene	27.419	276	11958	0.195	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120922\
Data File : BN023106.D
Acq On : 09 Dec 2022 14:28
Operator : CG/JU
Sample : N4955-01
Misc : LOD-MDL-SOIL 0.2ppm
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

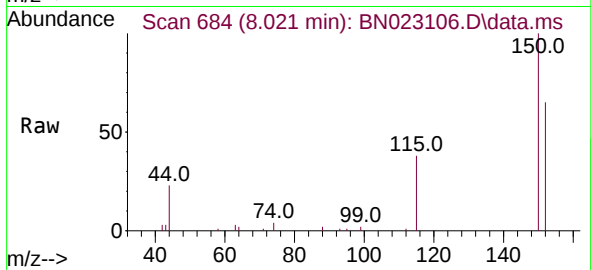
Quant Time: Dec 10 03:23:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





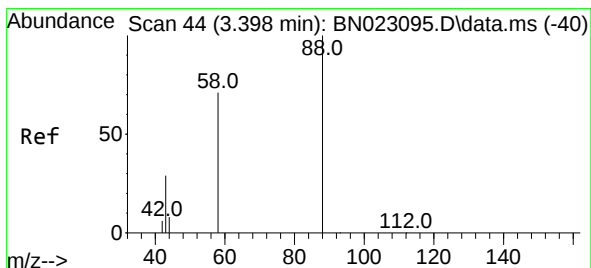
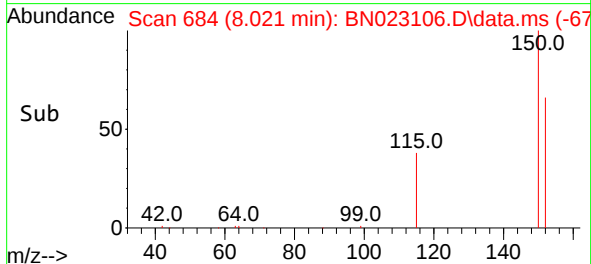
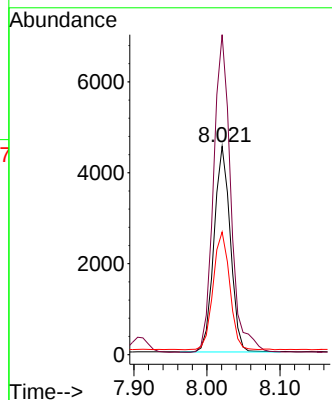
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.021 min Scan# 684
 Delta R.T. 0.001 min
 Lab File: BN023106.D
 Acq: 09 Dec 2022 14:28

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022



Tgt Ion:152 Resp: 7018

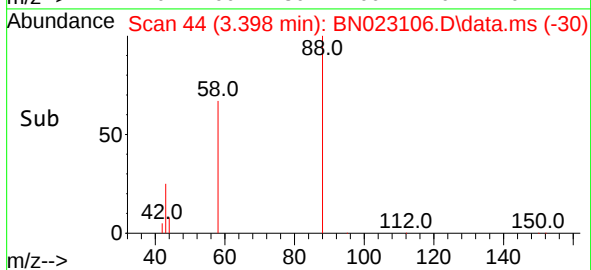
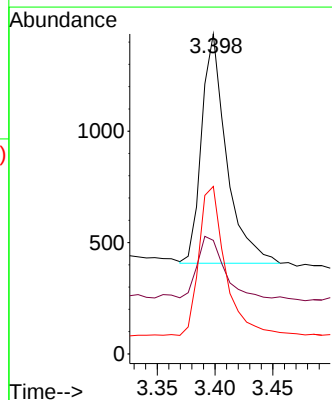
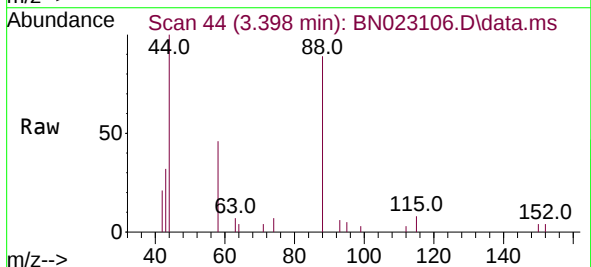
Ion	Ratio	Lower	Upper
152	100		
150	153.7	125.6	188.4
115	58.9	49.0	73.4



#2
 1,4-Dioxane
 Concen: 0.222 ng
 RT: 3.398 min Scan# 44
 Delta R.T. 0.000 min
 Lab File: BN023106.D
 Acq: 09 Dec 2022 14:28

Tgt Ion: 88 Resp: 1541

Ion	Ratio	Lower	Upper
88	100		
43	29.1	23.3	34.9
58	70.0	58.0	87.0

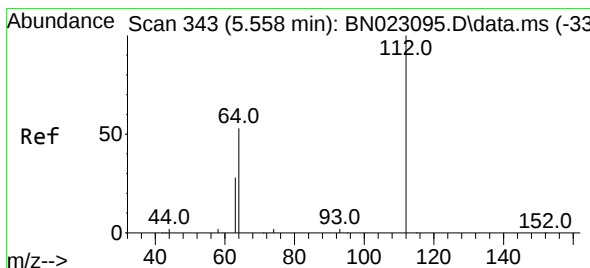
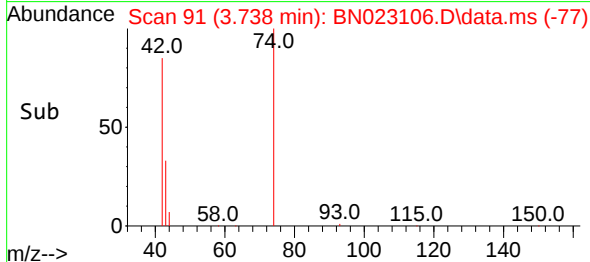
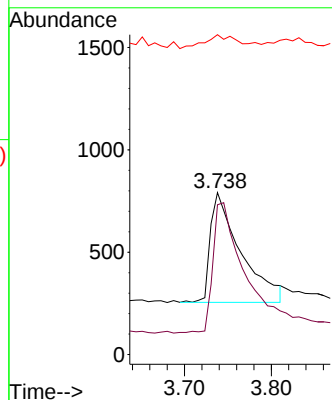
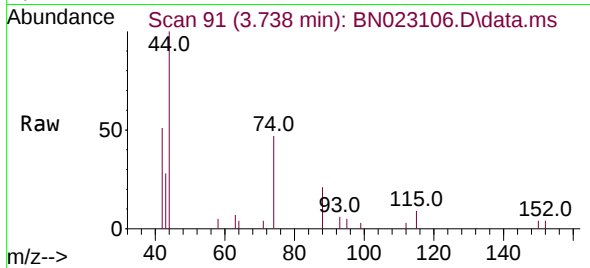




#3
n-Nitrosodimethylamine
Concen: 0.191 ng
RT: 3.738 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

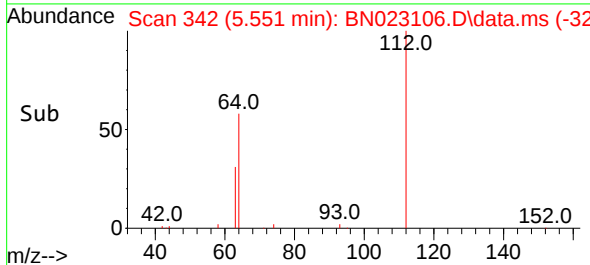
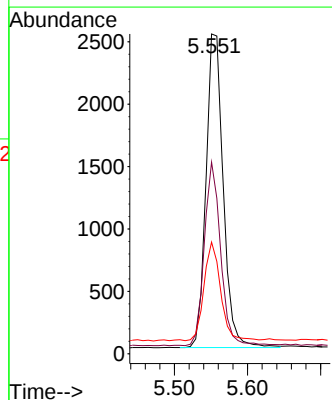
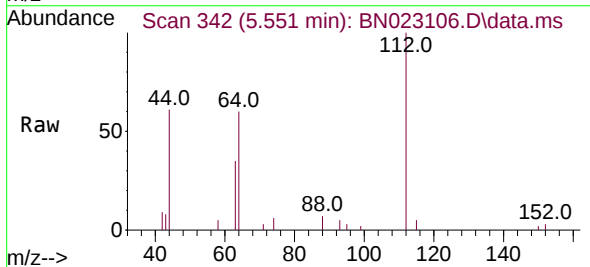
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

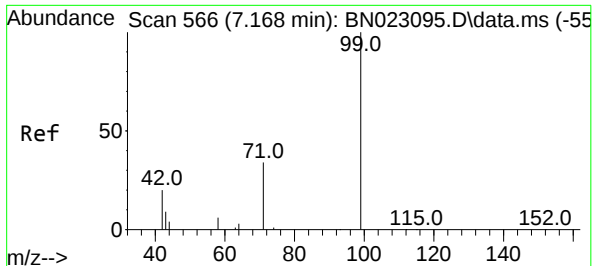
Tgt Ion: 42 Resp: 1300
Ion Ratio Lower Upper
42 100
74 124.8 95.8 143.6
44 9.5 8.4 12.6



#4
2-Fluorophenol
Concen: 0.316 ng
RT: 5.551 min Scan# 342
Delta R.T. -0.007 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

Tgt Ion: 112 Resp: 4125
Ion Ratio Lower Upper
112 100
64 55.1 44.4 66.6
63 30.3 23.7 35.5

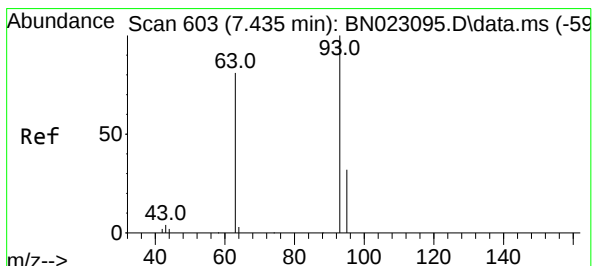
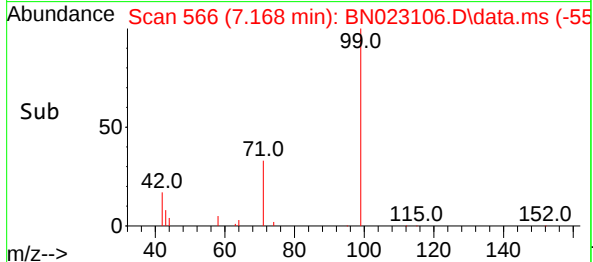
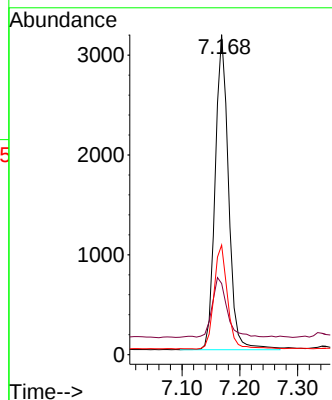
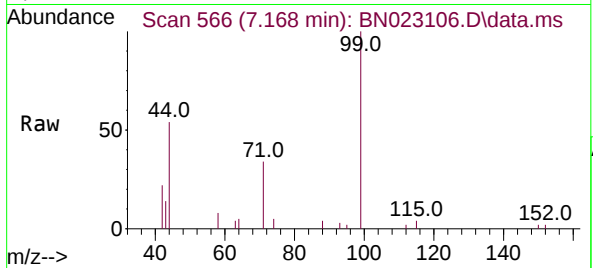




#5
Phenol-d6
Concen: 0.307 ng
RT: 7.168 min Scan# 566
Delta R.T. 0.000 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

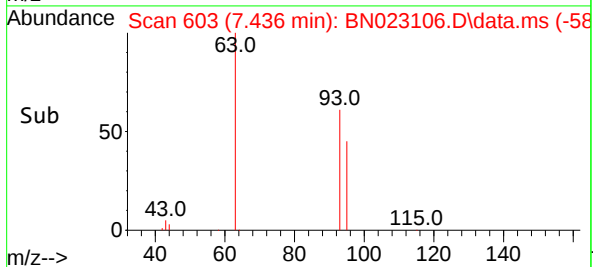
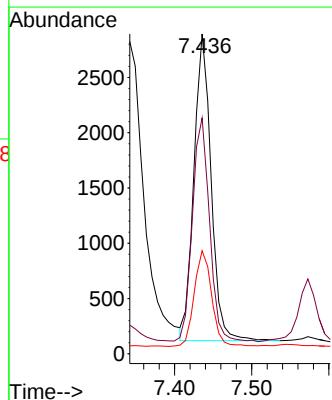
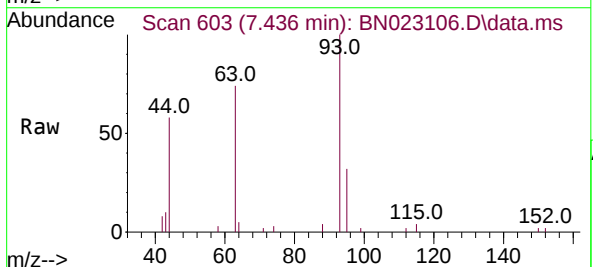
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

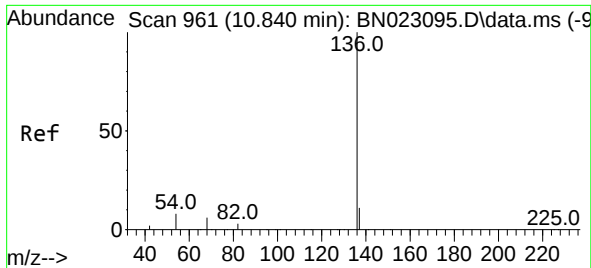
Tgt Ion: 99 Resp: 5094
Ion Ratio Lower Upper
99 100
42 20.4 16.3 24.5
71 33.5 26.5 39.7



#6
bis(2-Chloroethyl)ether
Concen: 0.228 ng
RT: 7.436 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

Tgt Ion: 93 Resp: 4295
Ion Ratio Lower Upper
93 100
63 72.8 58.1 87.1
95 31.7 25.2 37.8

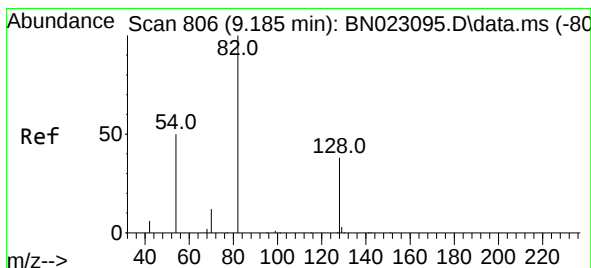
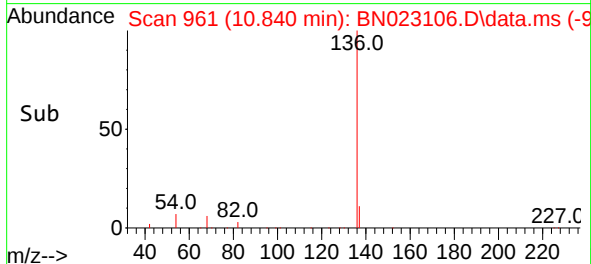
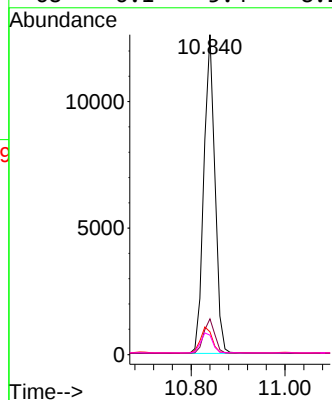
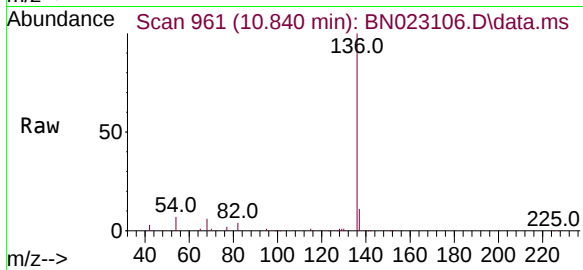




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.840 min Scan# 961
Delta R.T. 0.000 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

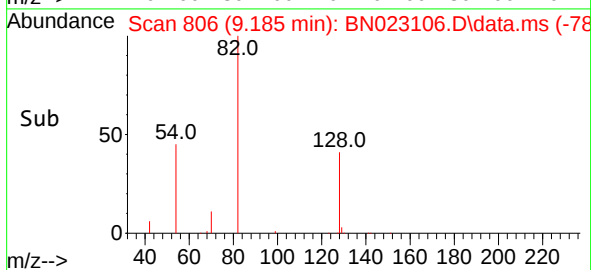
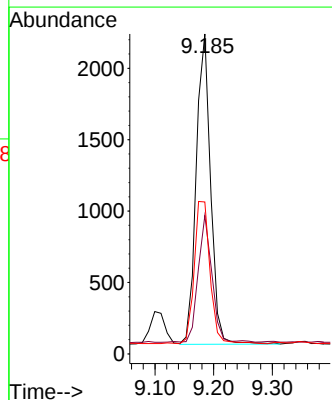
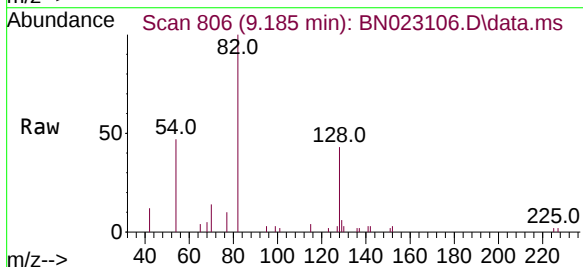
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

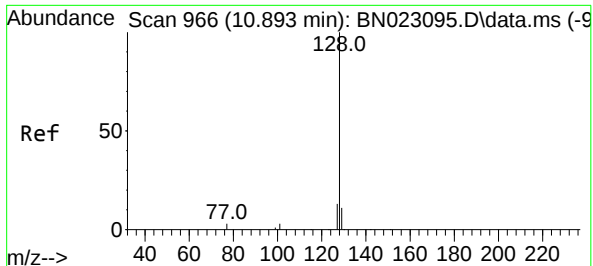
Tgt Ion:	136	Resp:	20671
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.1	6.5	9.7
68	6.1	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.271 ng
RT: 9.185 min Scan# 806
Delta R.T. 0.000 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

Tgt Ion:	82	Resp:	3695
Ion	Ratio	Lower	Upper
82	100		
128	43.2	31.4	47.2
54	47.5	41.0	61.4

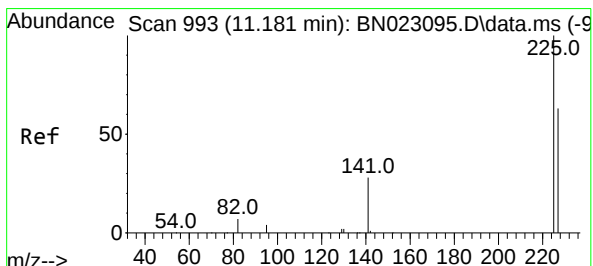
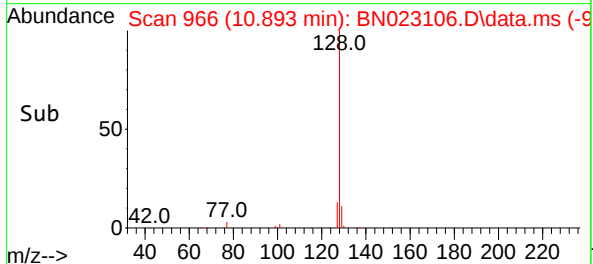
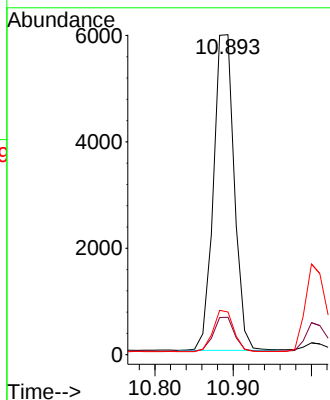
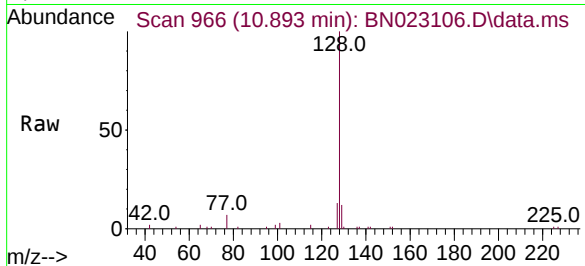




#9
Naphthalene
Concen: 0.209 ng
RT: 10.893 min Scan# 966
Delta R.T. 0.000 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

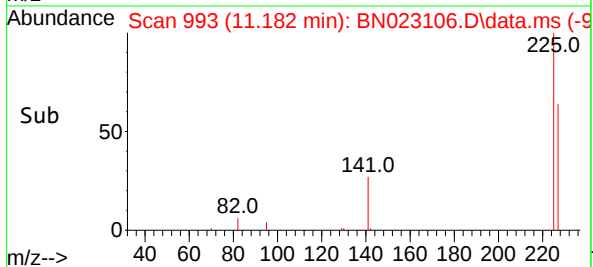
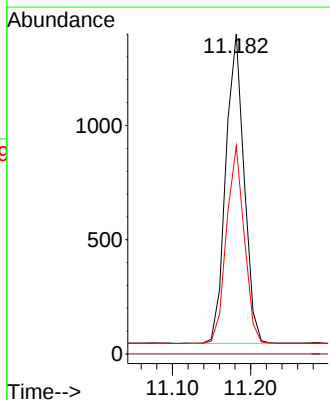
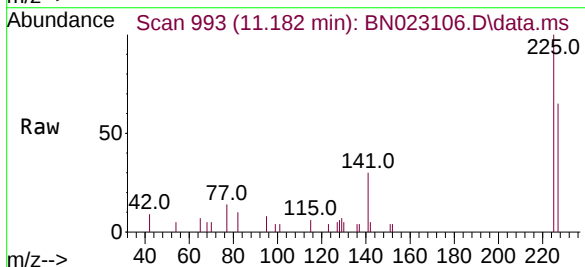
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

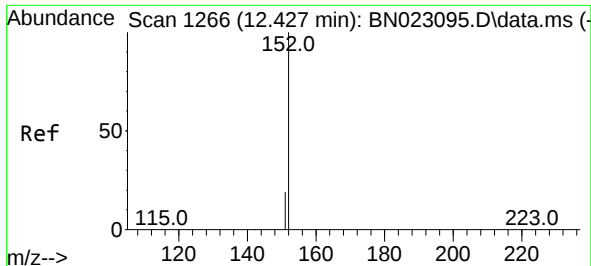
Tgt Ion:128 Resp: 11001
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.3 10.5 15.7



#10
Hexachlorobutadiene
Concen: 0.220 ng
RT: 11.182 min Scan# 993
Delta R.T. 0.000 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

Tgt Ion:225 Resp: 2203
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 62.4 51.1 76.7

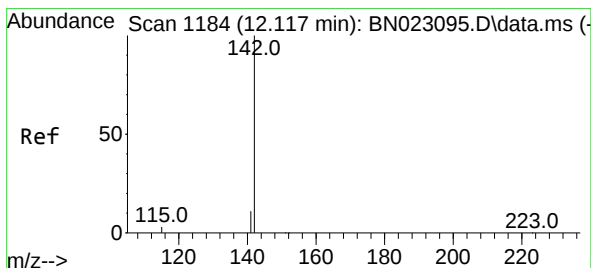
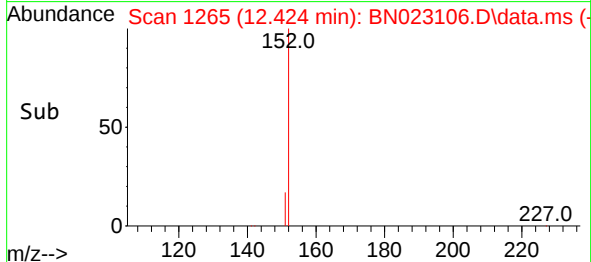
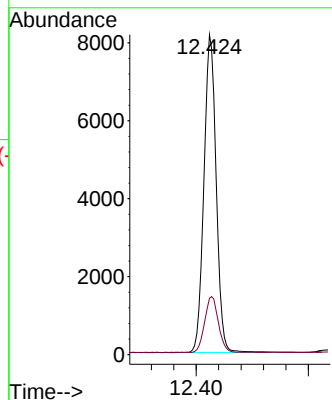
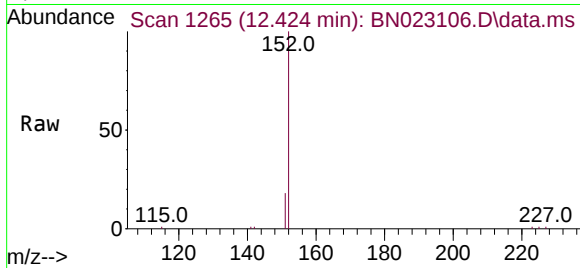




#11
2-Methylnaphthalene-d10
Concen: 0.415 ng
RT: 12.424 min Scan# 1183
Delta R.T. -0.004 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

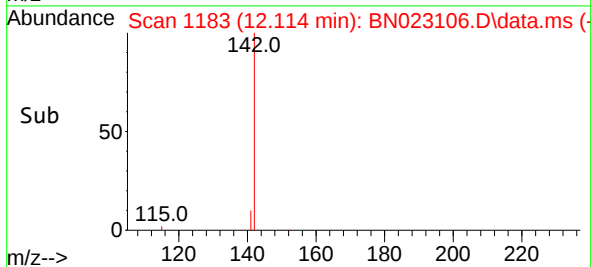
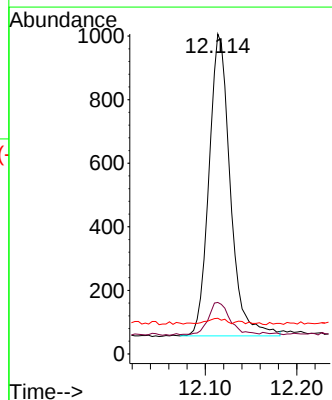
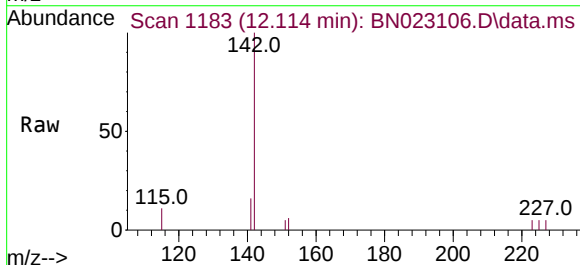
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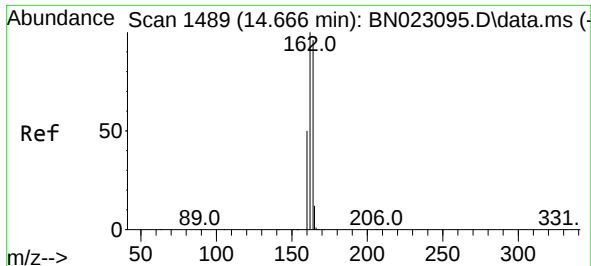
Tgt Ion:152 Resp: 14561
Ion Ratio Lower Upper
152 100
151 16.7 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.196 ng
RT: 12.114 min Scan# 1183
Delta R.T. -0.003 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

Tgt Ion:142 Resp: 1536
Ion Ratio Lower Upper
142 100
141 16.1 10.9 16.3
115 11.1 5.7 8.5

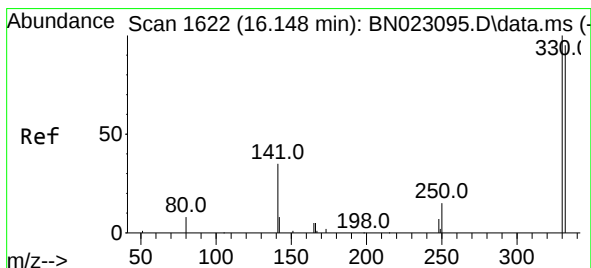
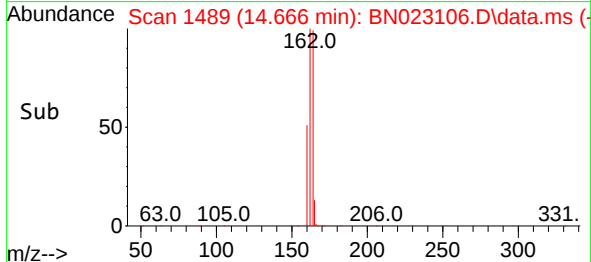
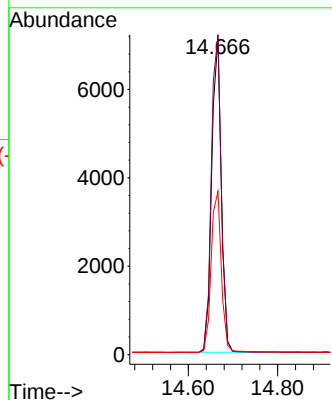
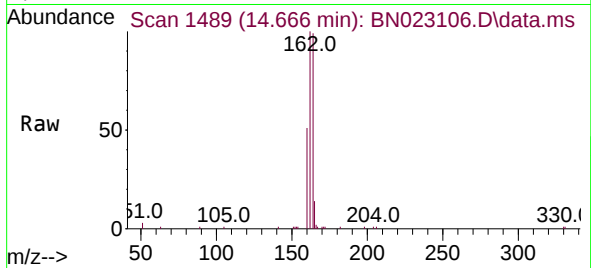




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.666 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

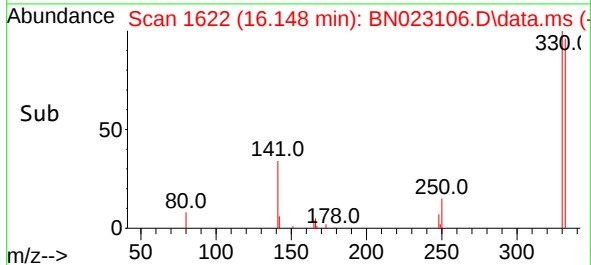
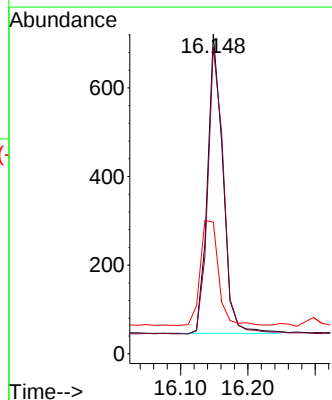
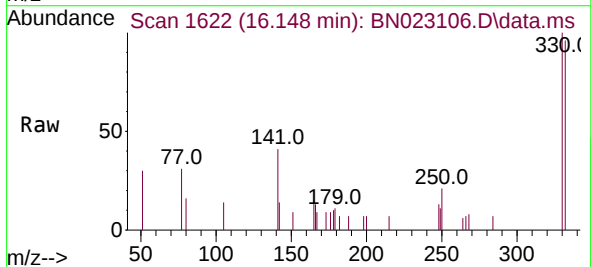
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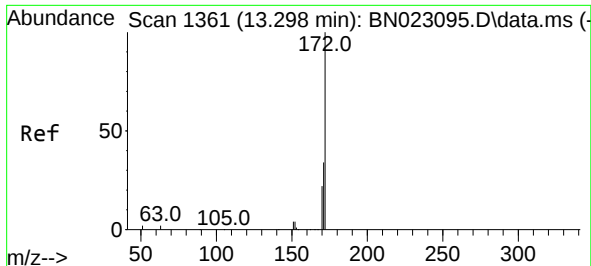
Tgt Ion:164 Resp: 10670
Ion Ratio Lower Upper
164 100
162 101.2 83.4 125.0
160 51.6 41.8 62.8



#14
2,4,6-Tribromophenol
Concen: 0.277 ng
RT: 16.148 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

Tgt Ion:330 Resp: 1072
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 41.2 33.5 50.3

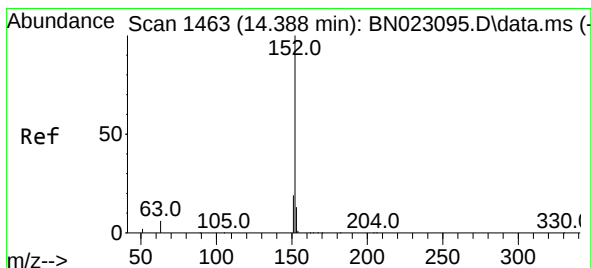
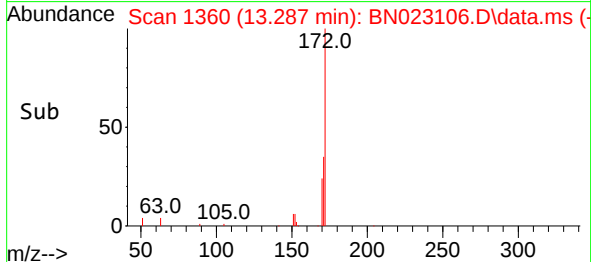
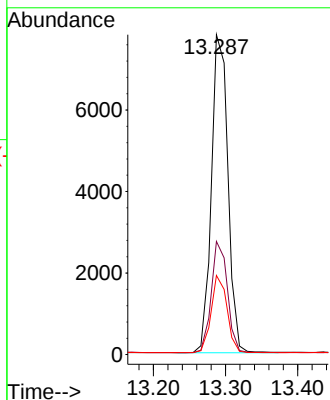
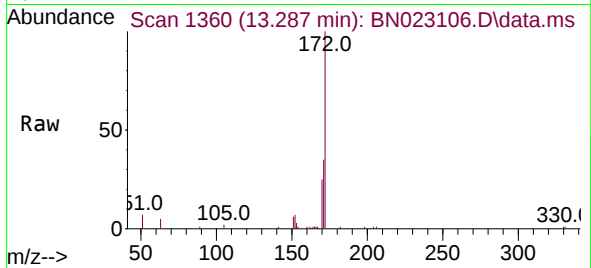




#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 13.287 min Scan# 1361
Delta R.T. -0.010 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

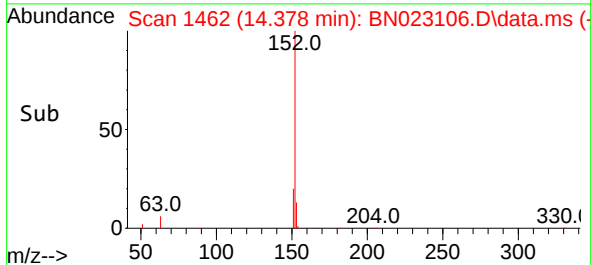
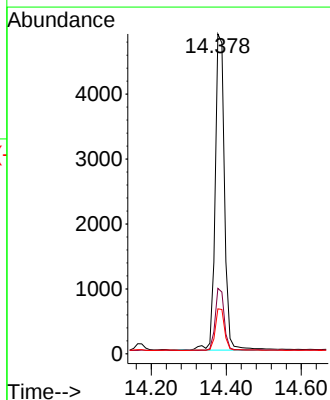
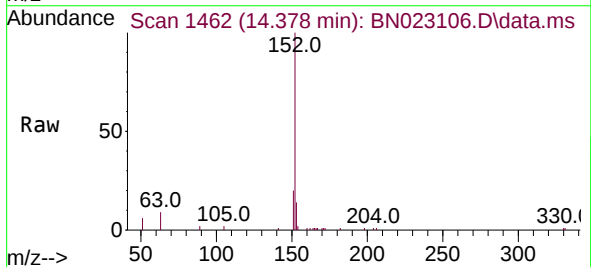
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022

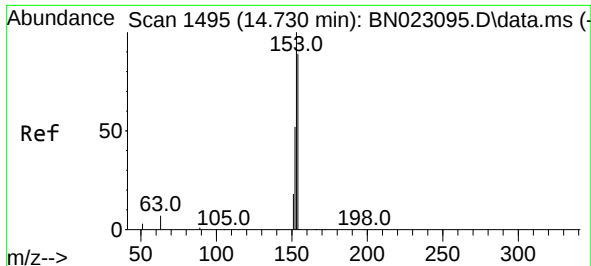
Tgt Ion:172 Resp: 12429
Ion Ratio Lower Upper
172 100
171 35.4 27.4 41.0
170 24.7 17.9 26.9



#16
Acenaphthylene
Concen: 0.195 ng
RT: 14.378 min Scan# 1462
Delta R.T. -0.010 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

Tgt Ion:152 Resp: 8396
Ion Ratio Lower Upper
152 100
151 19.1 15.4 23.2
153 13.3 10.3 15.5

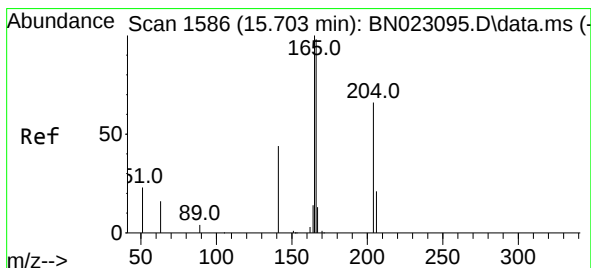
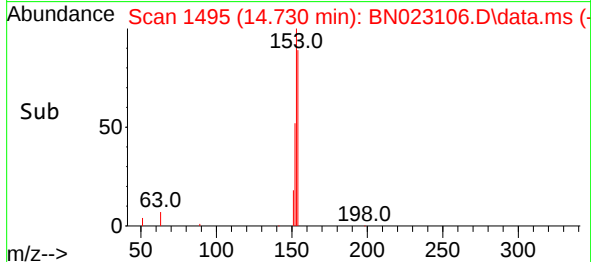
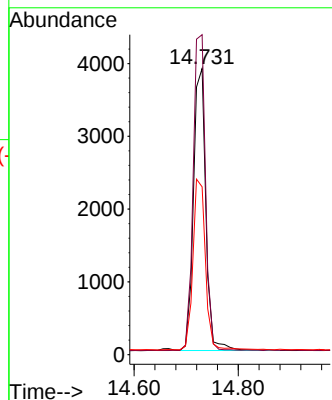
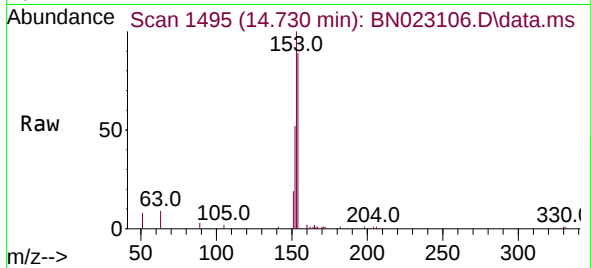




#17
Acenaphthene
Concen: 0.201 ng
RT: 14.730 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

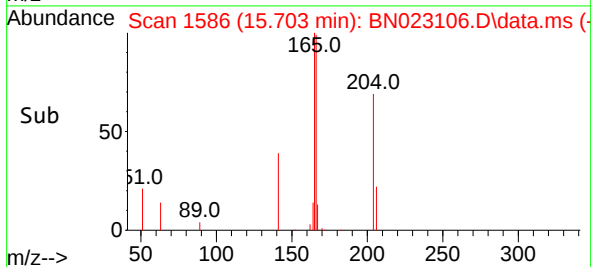
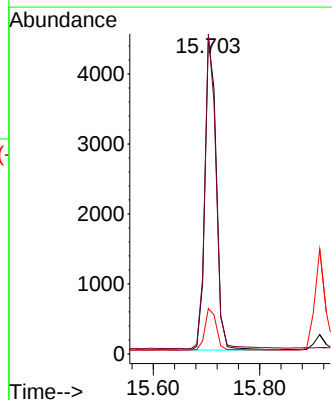
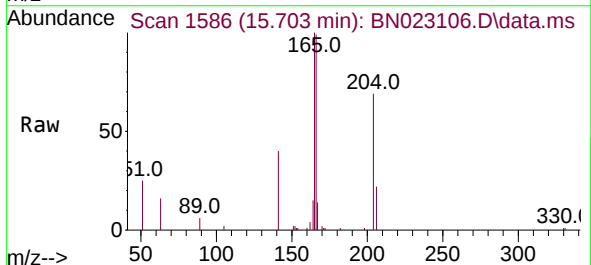
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

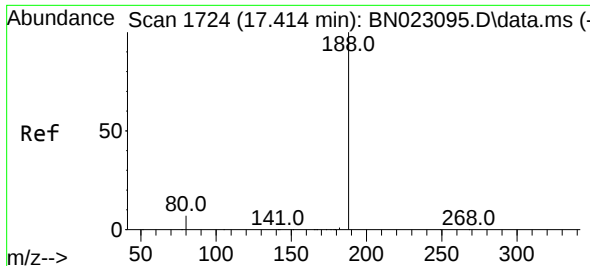
Tgt Ion:154 Resp: 6351
Ion Ratio Lower Upper
154 100
153 112.1 88.6 132.8
152 61.0 48.1 72.1



#18
Fluorene
Concen: 0.197 ng
RT: 15.703 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

Tgt Ion:166 Resp: 6972
Ion Ratio Lower Upper
166 100
165 97.7 79.8 119.6
167 13.7 10.6 16.0

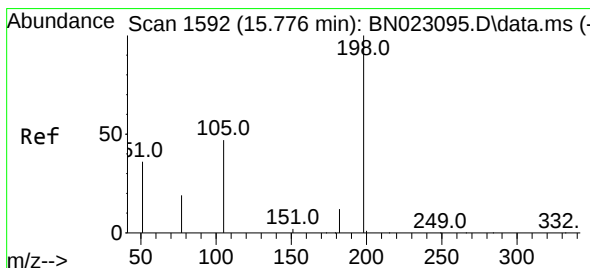
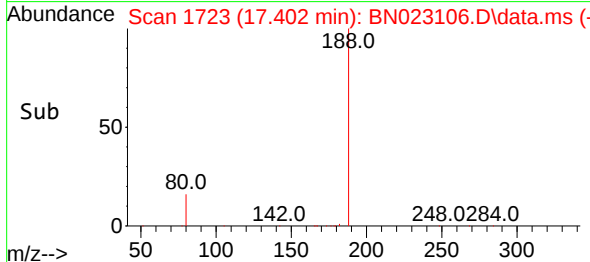
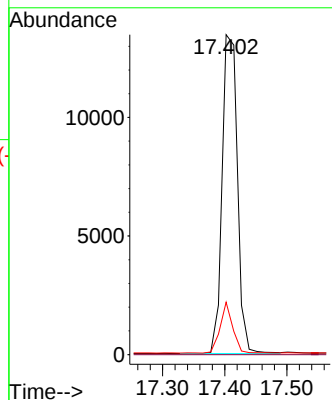
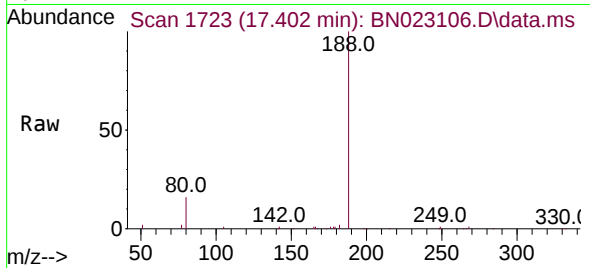




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.402 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

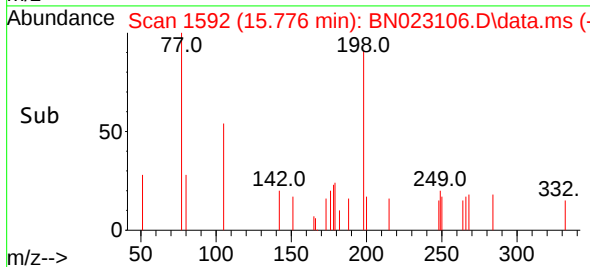
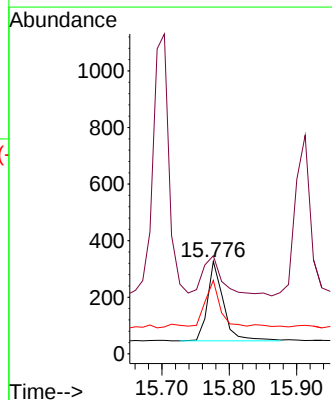
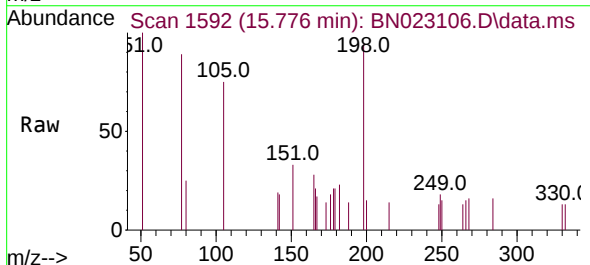
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

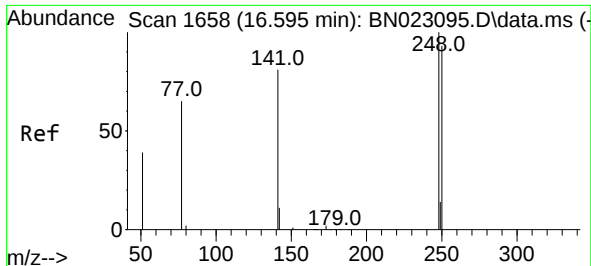
Tgt Ion:188 Resp: 23057
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.4 6.1 9.1#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.140 ng
RT: 15.776 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

Tgt Ion:198 Resp: 461
Ion Ratio Lower Upper
198 100
51 106.1 57.0 85.4#
105 79.5 47.2 70.8#

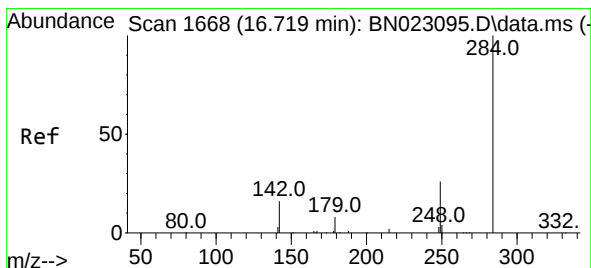
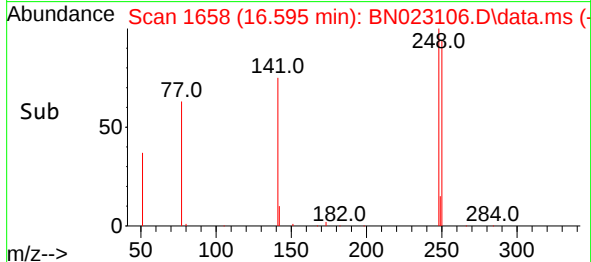
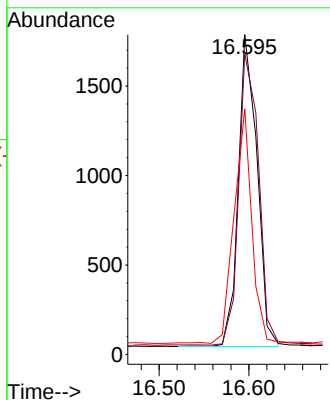
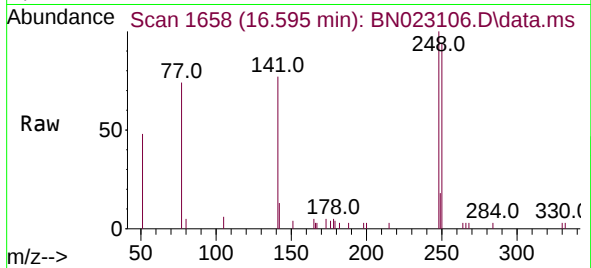




#21
4-Bromophenyl-phenylether
Concen: 0.205 ng
RT: 16.595 min Scan# 1658
Delta R.T. 0.000 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

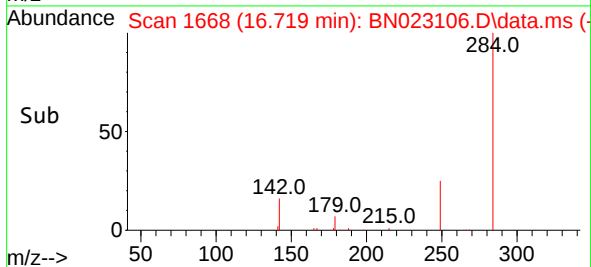
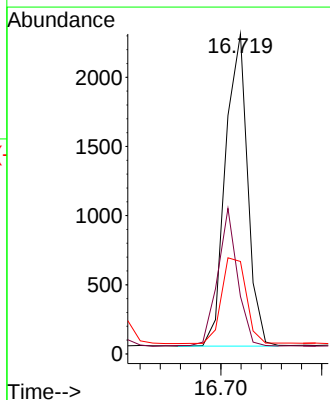
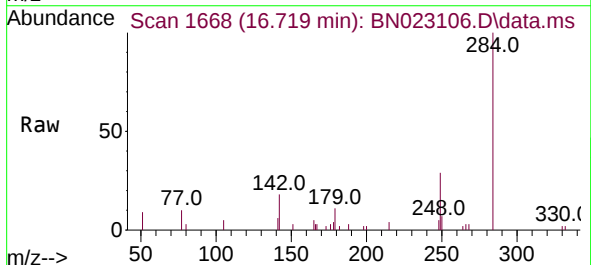
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

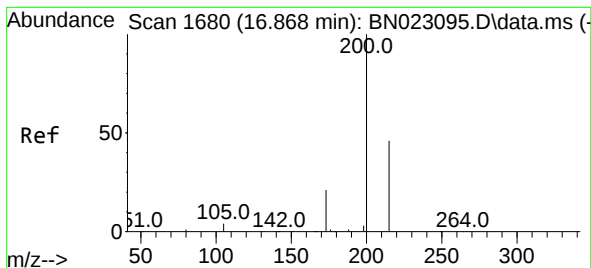
Tgt Ion:	248	Resp:	2519
Ion Ratio	Lower	Upper	
248	100		
250	94.1	74.3	111.5
141	76.8	65.0	97.6



#22
Hexachlorobenzene
Concen: 0.213 ng
RT: 16.719 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

Tgt Ion:	284	Resp:	3433
Ion Ratio	Lower	Upper	
284	100		
142	40.4	31.0	46.4
249	30.6	24.4	36.6





#23

Atrazine

Concen: 0.185 ng

RT: 16.868 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BN023106.D

Acq: 09 Dec 2022 14:28

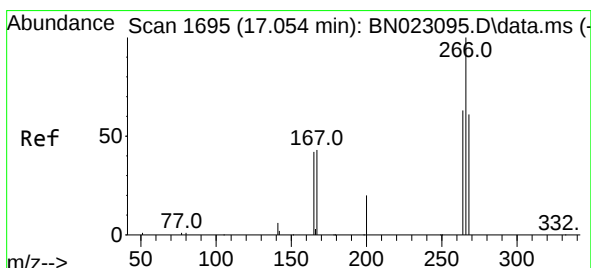
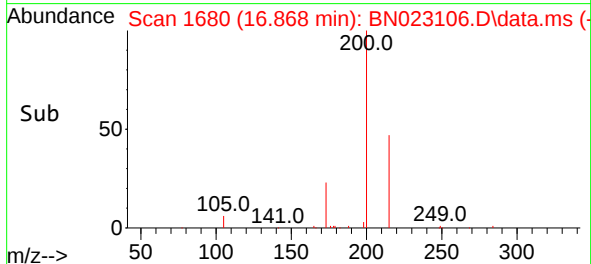
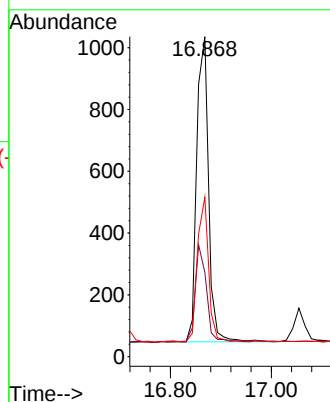
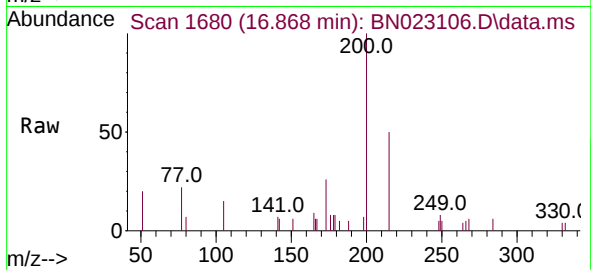
Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

Tgt Ion:	200	Resp:	1604
Ion Ratio	Lower	Upper	
200	100		
173	26.4	18.2	27.4
215	49.8	38.0	57.0



#24

Pentachlorophenol

Concen: 0.160 ng

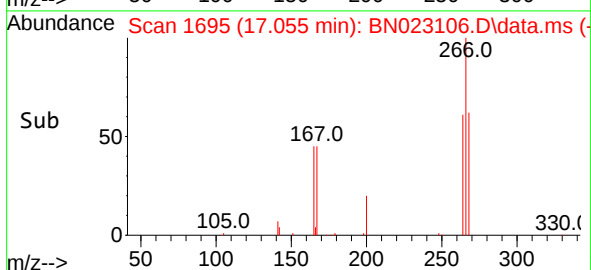
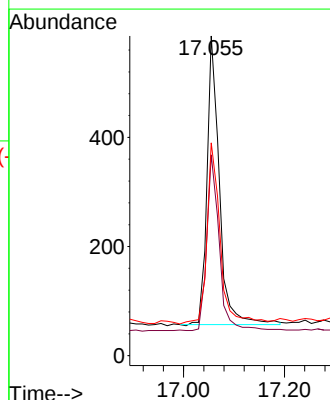
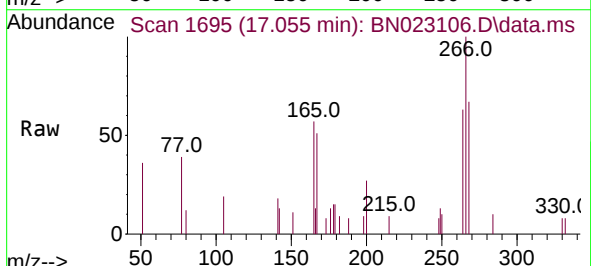
RT: 17.055 min Scan# 1695

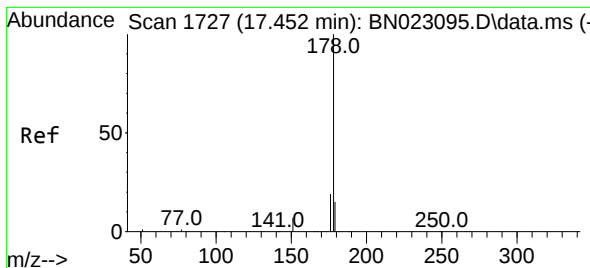
Delta R.T. 0.000 min

Lab File: BN023106.D

Acq: 09 Dec 2022 14:28

Tgt Ion:	266	Resp:	895
Ion Ratio	Lower	Upper	
266	100		
264	61.1	50.1	75.1
268	67.4	49.7	74.5





#25

Phenanthrene

Concen: 0.196 ng

RT: 17.452 min Scan# 1727

Delta R.T. 0.000 min

Lab File: BN023106.D

Acq: 09 Dec 2022 14:28

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

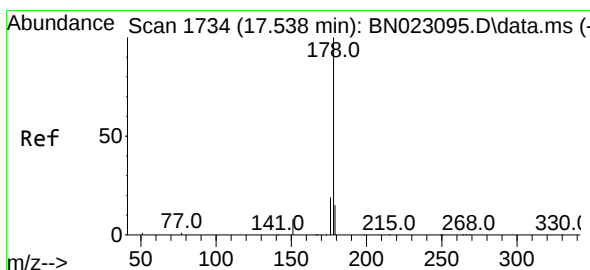
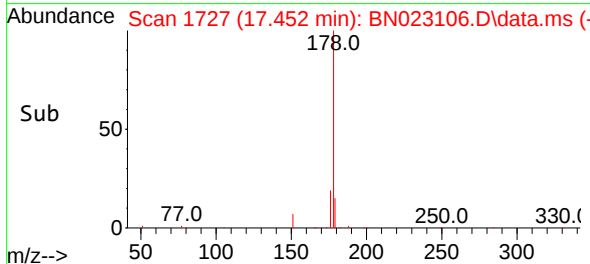
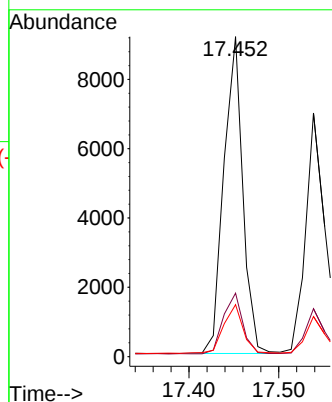
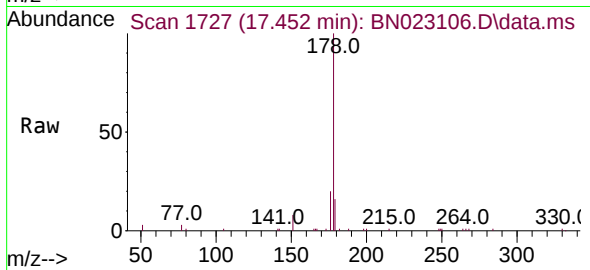
Tgt Ion:178 Resp: 13479

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 16.0 12.2 18.2



#26

Anthracene

Concen: 0.193 ng

RT: 17.539 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BN023106.D

Acq: 09 Dec 2022 14:28

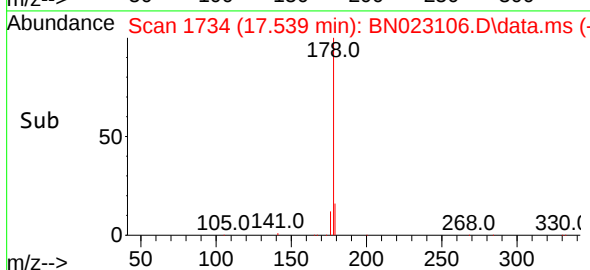
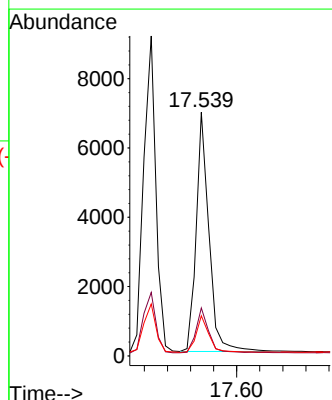
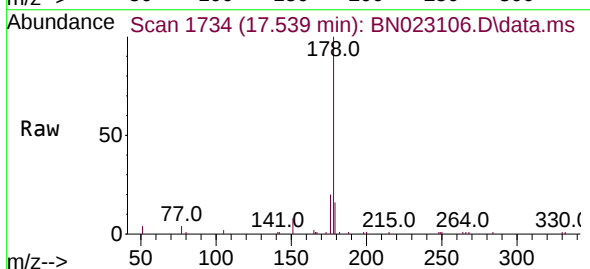
Tgt Ion:178 Resp: 10565

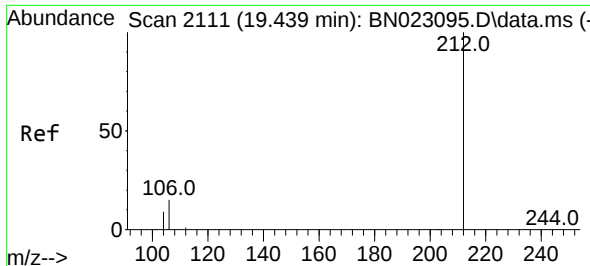
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.6 12.2 18.4

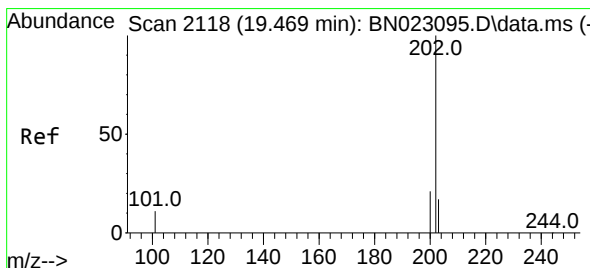
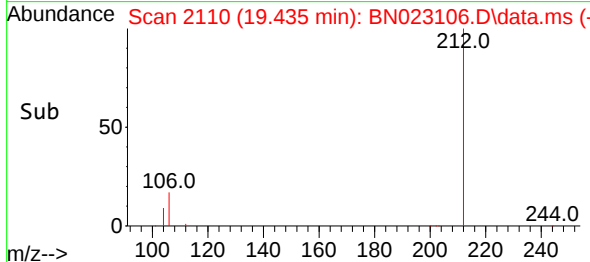
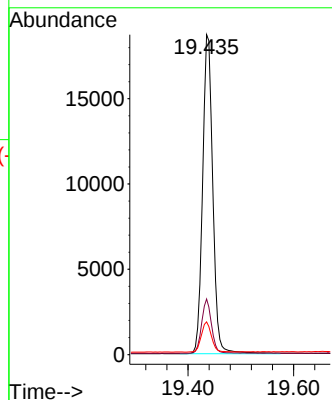
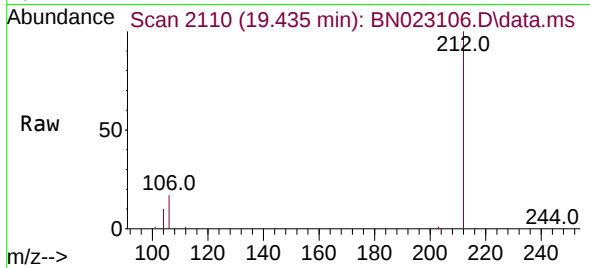




#27
Fluoranthene-d10
Concen: 0.462 ng
RT: 19.435 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

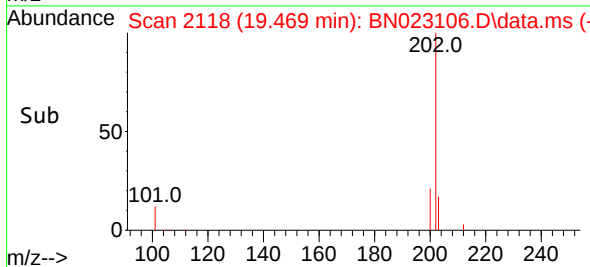
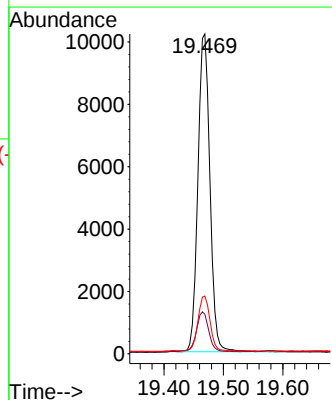
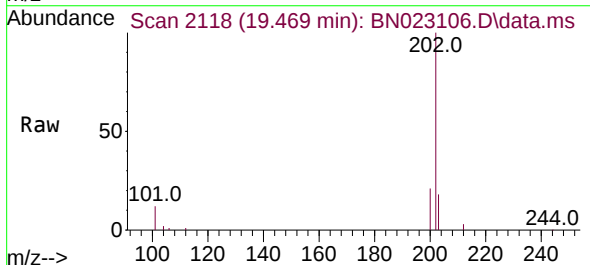
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

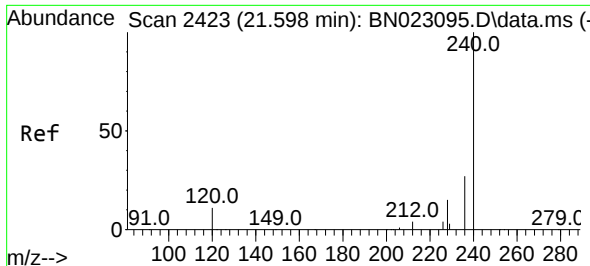
Tgt Ion:212 Resp: 24963
Ion Ratio Lower Upper
212 100
106 16.4 13.0 19.4
104 9.4 7.5 11.3



#28
Fluoranthene
Concen: 0.194 ng
RT: 19.469 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

Tgt Ion:202 Resp: 14255
Ion Ratio Lower Upper
202 100
101 13.4 9.7 14.5
203 17.2 13.8 20.6

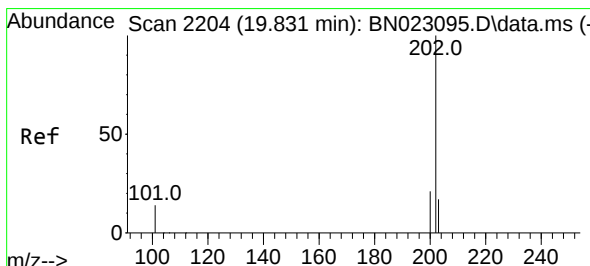
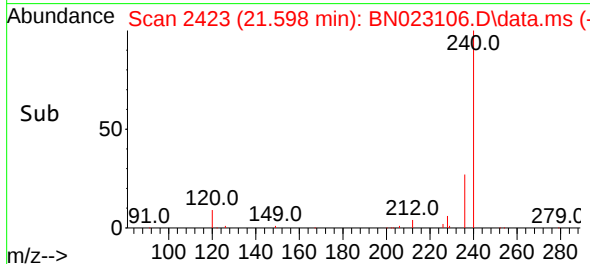
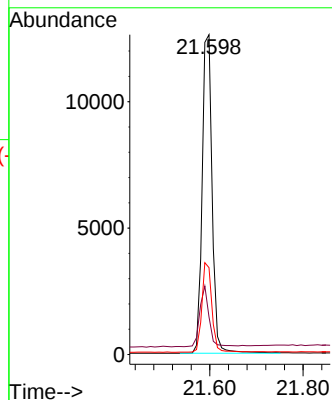
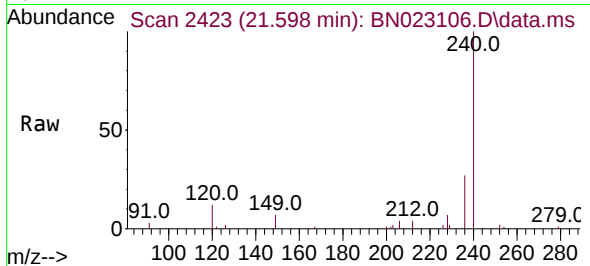




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.598 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

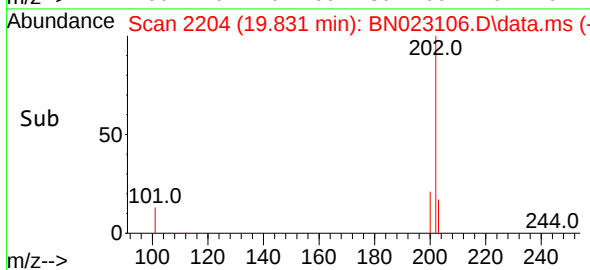
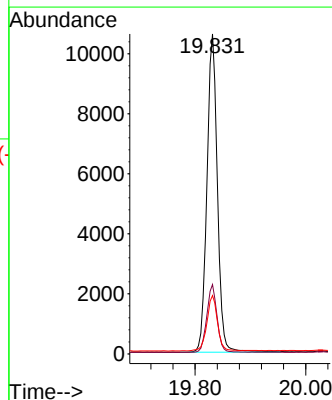
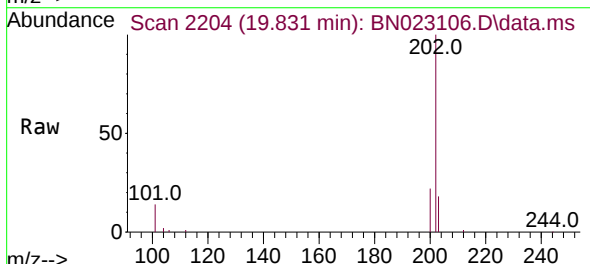
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

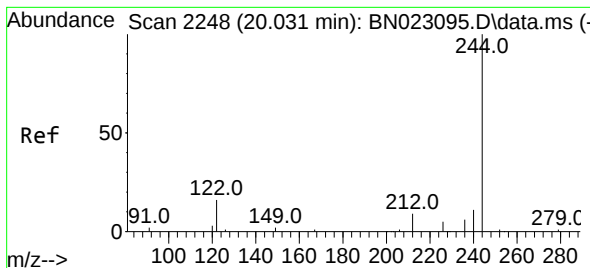
Tgt Ion:240 Resp: 18654
Ion Ratio Lower Upper
240 100
120 11.8 10.1 15.1
236 27.2 22.2 33.4



#30
Pyrene
Concen: 0.204 ng
RT: 19.831 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

Tgt Ion:202 Resp: 13936
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.6 14.2 21.4





#31

Terphenyl-d14

Concen: 0.302 ng

RT: 20.031 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN023106.D

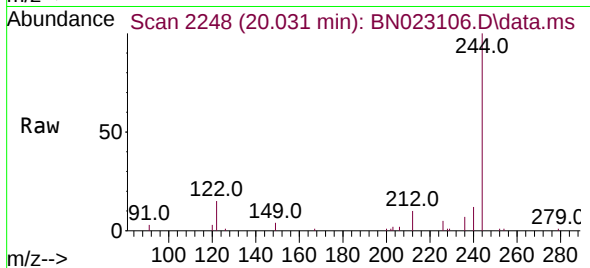
Acq: 09 Dec 2022 14:28

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022



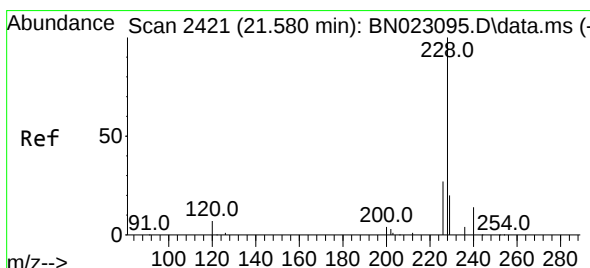
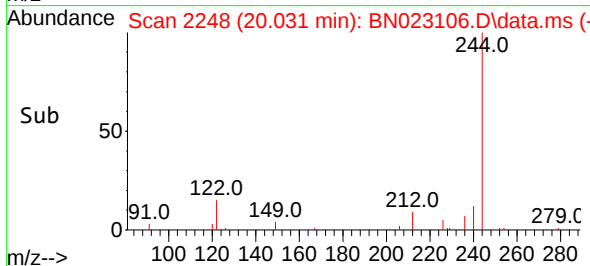
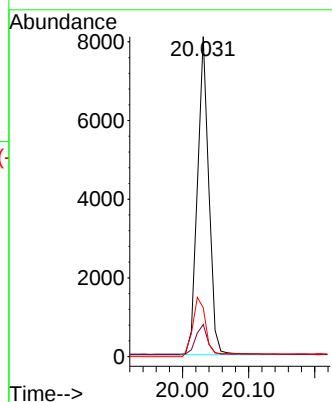
Tgt Ion:244 Resp: 9151

Ion Ratio Lower Upper

244 100

212 10.0 7.6 11.4

122 15.3 12.6 18.8



#32

Benzo(a)anthracene

Concen: 0.188 ng

RT: 21.580 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BN023106.D

Acq: 09 Dec 2022 14:28

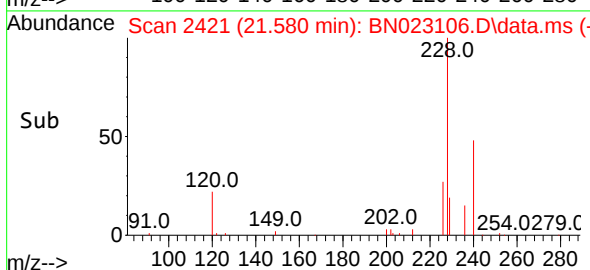
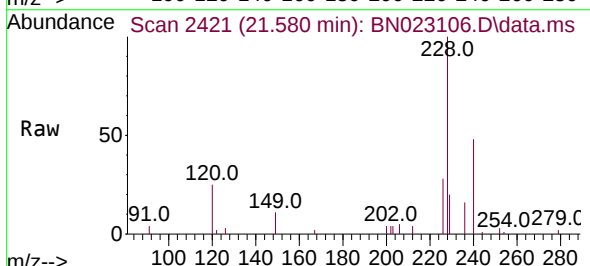
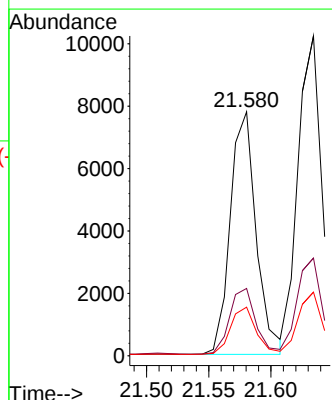
Tgt Ion:228 Resp: 11271

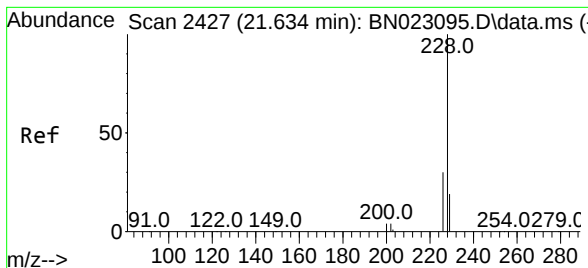
Ion Ratio Lower Upper

228 100

226 27.7 22.0 33.0

229 19.9 15.8 23.8





#33

Chrysene

Concen: 0.206 ng

RT: 21.634 min Scan# 2427

Delta R.T. 0.000 min

Lab File: BN023106.D

Acq: 09 Dec 2022 14:28

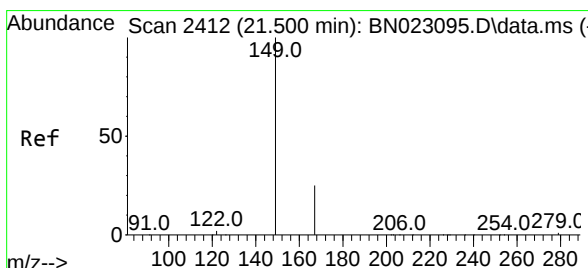
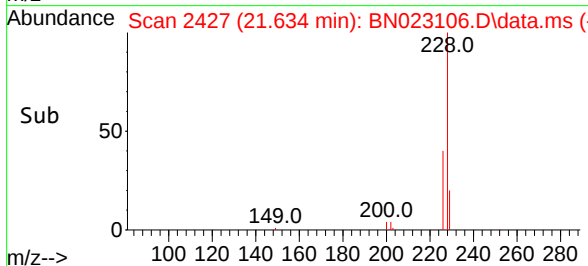
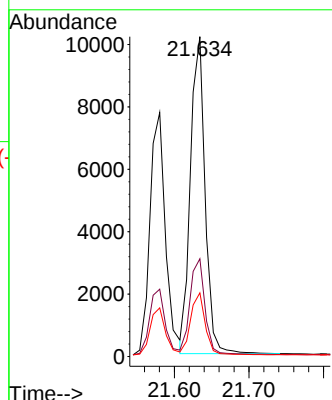
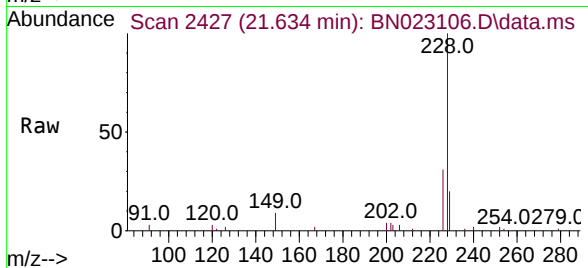
Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

Tgt Ion:228	Resp:	13905
Ion Ratio	Lower	Upper
228	100	
226	30.6	24.4 36.6
229	19.9	15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.206 ng

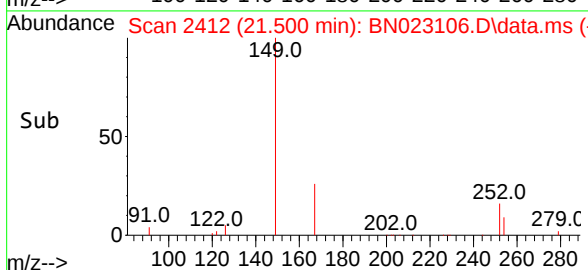
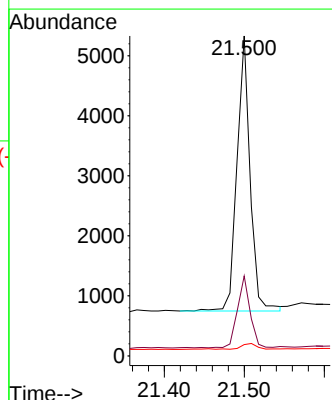
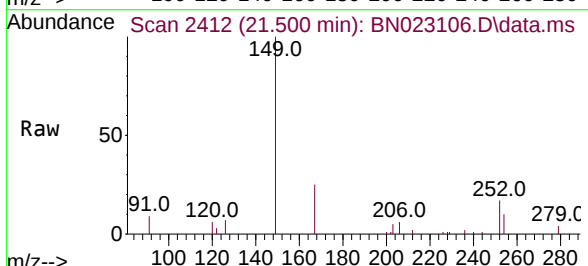
RT: 21.500 min Scan# 2412

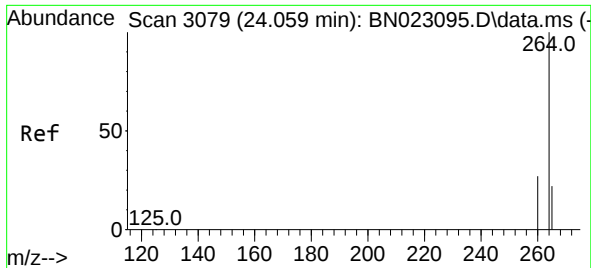
Delta R.T. 0.000 min

Lab File: BN023106.D

Acq: 09 Dec 2022 14:28

Tgt Ion:149	Resp:	5244
Ion Ratio	Lower	Upper
149	100	
167	25.1	20.2 30.2
279	2.4	2.3 3.5

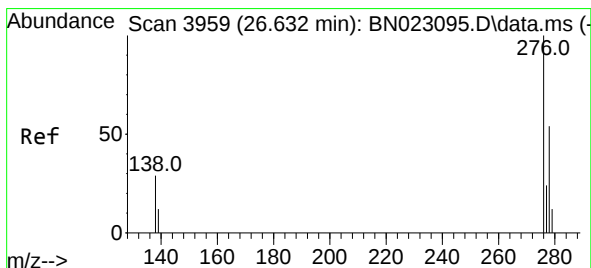
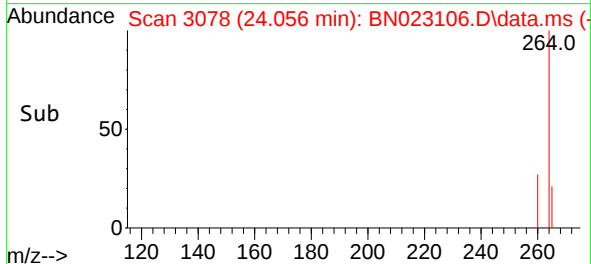
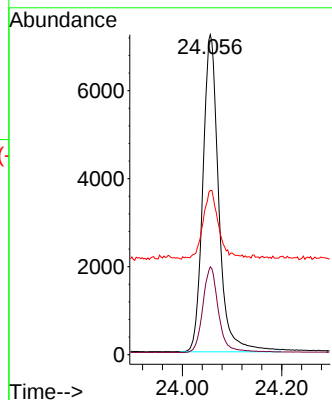
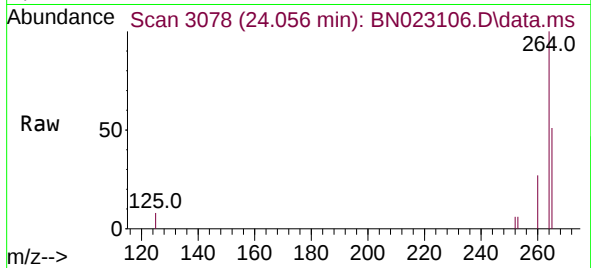




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.056 min Scan# 3078
 Delta R.T. -0.003 min
 Lab File: BN023106.D
 Acq: 09 Dec 2022 14:28

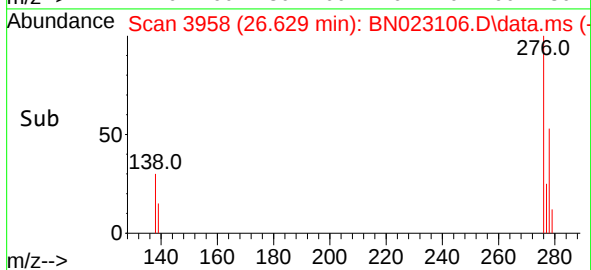
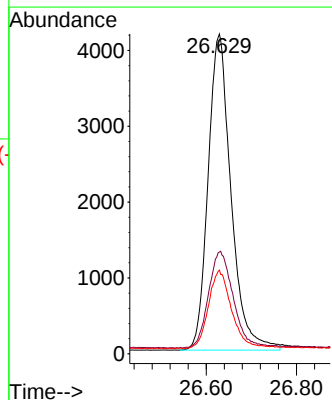
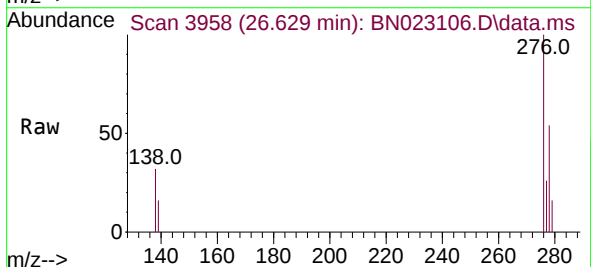
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

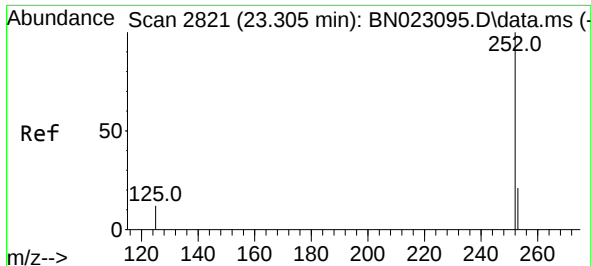
Tgt Ion:264	Resp:	15998
Ion Ratio	Lower	Upper
264	100	
260	27.4	21.7 32.5
265	51.3	43.2 64.8



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.205 ng
 RT: 26.629 min Scan# 3958
 Delta R.T. -0.003 min
 Lab File: BN023106.D
 Acq: 09 Dec 2022 14:28

Tgt Ion:276	Resp:	14705
Ion Ratio	Lower	Upper
276	100	
138	32.9	25.0 37.6
277	24.4	19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.206 ng

RT: 23.302 min Scan# 2821

Delta R.T. -0.003 min

Lab File: BN023106.D

Acq: 09 Dec 2022 14:28

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

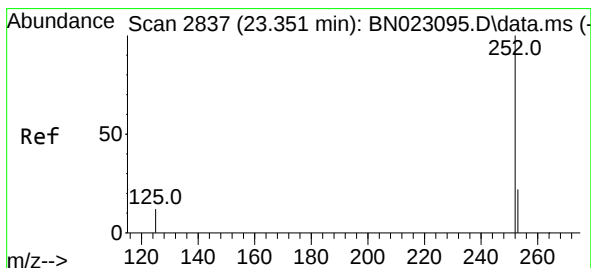
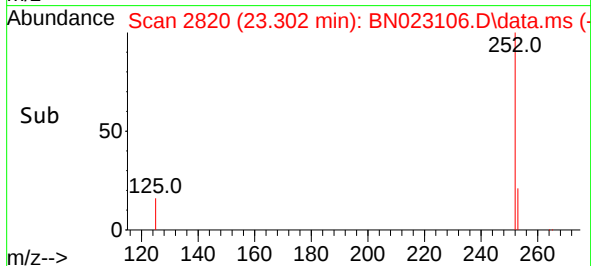
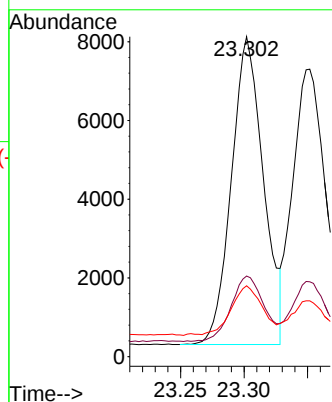
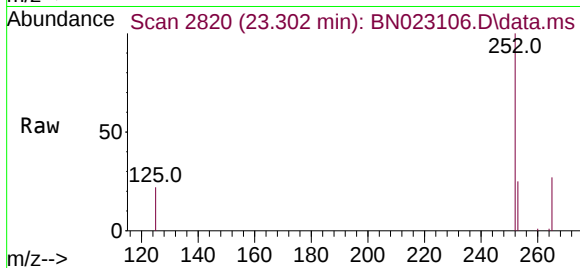
Tgt Ion:252 Resp: 13694

Ion Ratio Lower Upper

252 100

253 25.2 19.0 28.4

125 22.1 12.8 19.2#



#38

Benzo(k)fluoranthene

Concen: 0.188 ng

RT: 23.352 min Scan# 2837

Delta R.T. 0.000 min

Lab File: BN023106.D

Acq: 09 Dec 2022 14:28

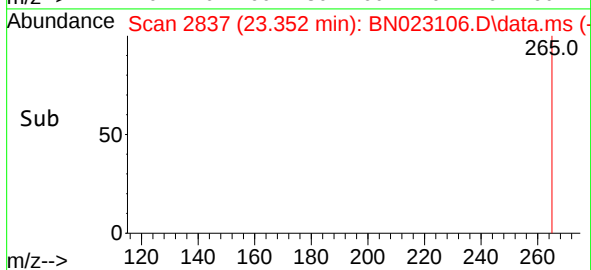
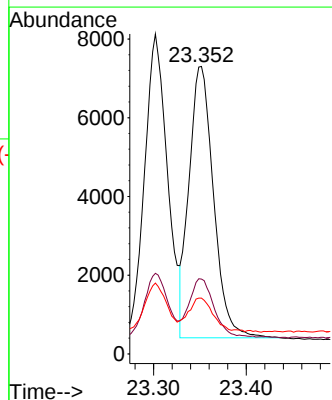
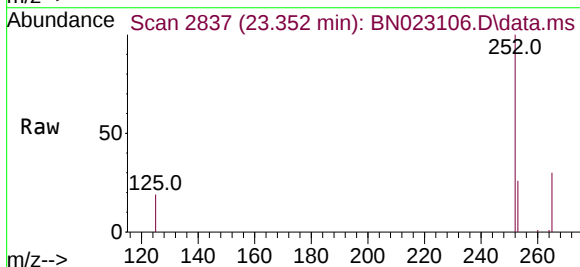
Tgt Ion:252 Resp: 12645

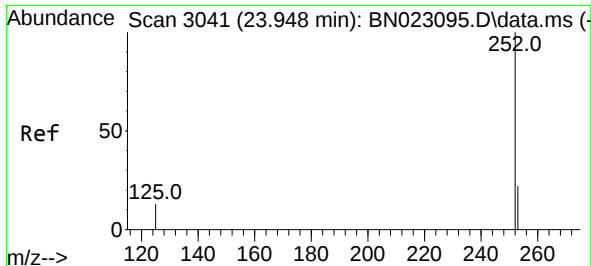
Ion Ratio Lower Upper

252 100

253 26.0 19.1 28.7

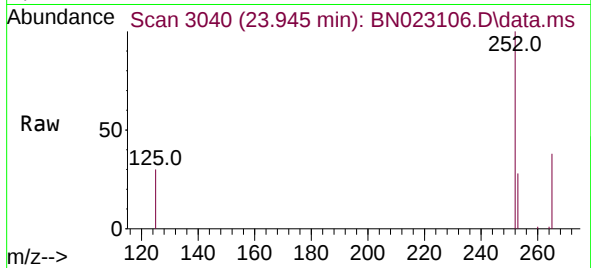
125 19.4 12.5 18.7#



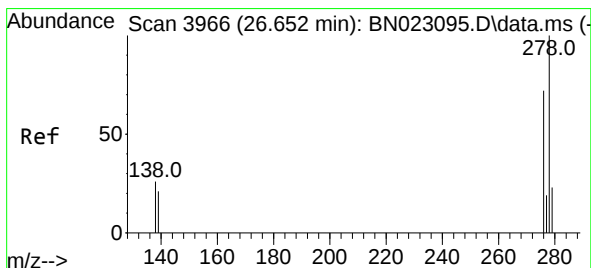
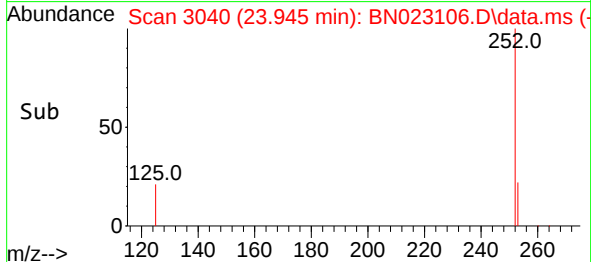
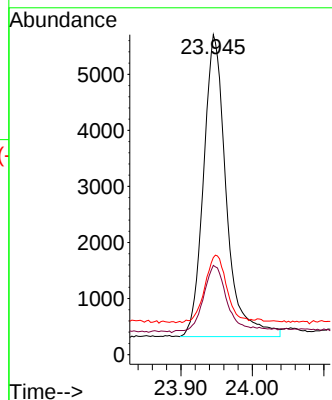


#39
Benzo(a)pyrene
Concen: 0.239 ng
RT: 23.945 min Scan# 3041
Delta R.T. -0.003 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

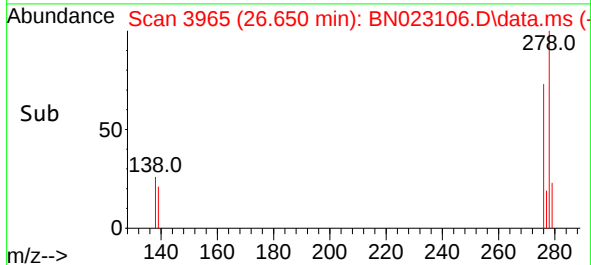
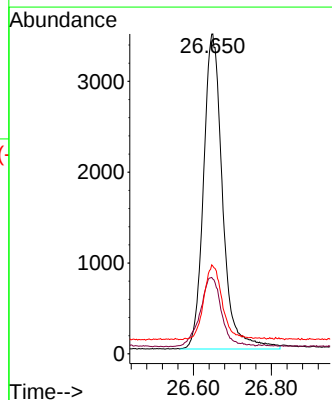
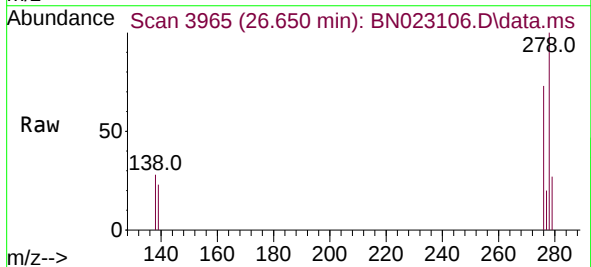


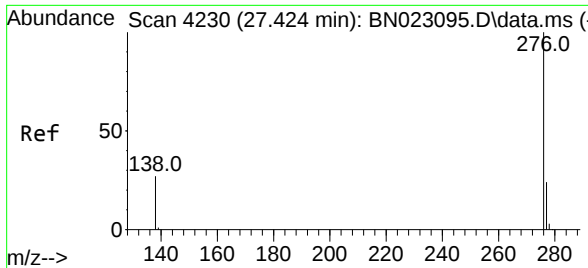
Tgt Ion:252 Resp: 11893
Ion Ratio Lower Upper
252 100
253 27.9 20.6 30.8
125 30.3 15.8 23.8#



#40
Dibenzo(a,h)anthracene
Concen: 0.205 ng
RT: 26.650 min Scan# 3965
Delta R.T. -0.003 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

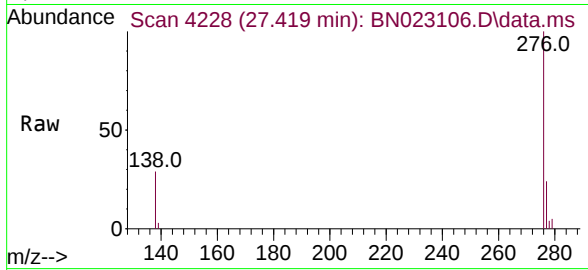
Tgt Ion:278 Resp: 11775
Ion Ratio Lower Upper
278 100
139 23.4 17.5 26.3
279 27.4 20.5 30.7





#41
Benzo(g,h,i)perylene
Concen: 0.195 ng
RT: 27.419 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN023106.D
Acq: 09 Dec 2022 14:28

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



Tgt Ion:	276	Resp:	11958
Ion Ratio	Lower	Upper	
276	100		
277	24.4	19.9	29.9
138	29.2	22.2	33.2

