

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120922\
 Data File : BN023108.D
 Acq On : 09 Dec 2022 15:47
 Operator : CG/JU
 Sample : N4955-02
 Misc : LOQ-SOIL-0.2ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2022

Quant Time: Dec 10 03:24:33 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)

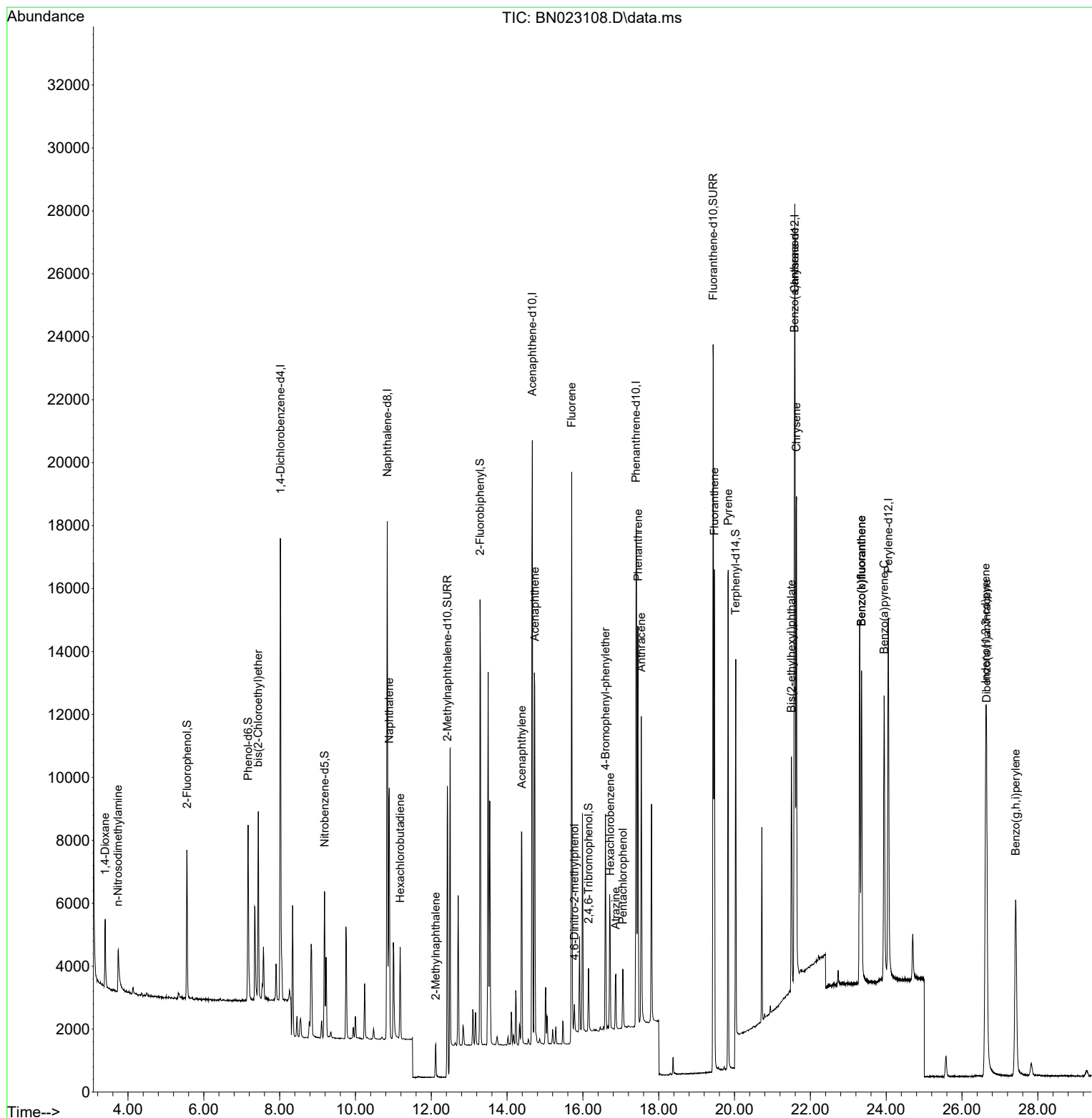
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.020	152	6988	0.400	ng	0.00
7) Naphthalene-d8	10.840	136	20570	0.400	ng	0.00
13) Acenaphthene-d10	14.666	164	10623	0.400	ng	0.00
19) Phenanthrene-d10	17.402	188	22938	0.400	ng	#-0.01
29) Chrysene-d12	21.589	240	18554	0.400	ng	# 0.00
35) Perylene-d12	24.056	264	16716	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.558	112	4079	0.313	ng	0.00
5) Phenol-d6	7.168	99	5046	0.305	ng	0.00
8) Nitrobenzene-d5	9.185	82	3637	0.268	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	13381	0.384	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	1092	0.283	ng	0.00
15) 2-Fluorobiphenyl	13.287	172	12300	0.290	ng	-0.01
27) Fluoranthene-d10	19.435	212	24492	0.456	ng	0.00
31) Terphenyl-d14	20.031	244	8239	0.274	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.398	88	1499	0.217	ng	97
3) n-Nitrosodimethylamine	3.738	42	1262	0.186	ng	99
6) bis(2-Chloroethyl)ether	7.435	93	4261	0.227	ng	100
9) Naphthalene	10.893	128	10936	0.209	ng	99
10) Hexachlorobutadiene	11.181	225	2195	0.220	ng	# 99
12) 2-Methylnaphthalene	12.117	142	1544	0.198	ng	# 91
16) Acenaphthylene	14.388	152	8380	0.196	ng	100
17) Acenaphthene	14.730	154	6340	0.202	ng	98
18) Fluorene	15.703	166	6894	0.196	ng	99
20) 4,6-Dinitro-2-methylph...	15.776	198	462	0.141	ng	# 67
21) 4-Bromophenyl-phenylether	16.595	248	2522	0.206	ng	96
22) Hexachlorobenzene	16.719	284	3386	0.211	ng	98
23) Atrazine	16.868	200	1584	0.184	ng	95
24) Pentachlorophenol	17.054	266	868	0.156	ng	99
25) Phenanthrene	17.452	178	13380	0.196	ng	100
26) Anthracene	17.538	178	10467	0.192	ng	100
28) Fluoranthene	19.469	202	14243	0.195	ng	99
30) Pyrene	19.831	202	13838	0.204	ng	100
32) Benzo(a)anthracene	21.580	228	11301	0.189	ng	99
33) Chrysene	21.634	228	13837	0.206	ng	99
34) Bis(2-ethylhexyl)phtha...	21.500	149	5211	0.206	ng	99
36) Indeno(1,2,3-cd)pyrene	26.626	276	16391	0.219	ng	97
37) Benzo(b)fluoranthene	23.349	252	13784	0.199	ng	94
38) Benzo(k)fluoranthene	23.349	252	13607	0.193	ng	94
39) Benzo(a)pyrene	23.945	252	13047	0.251	ng	# 78
40) Dibenzo(a,h)anthracene	26.649	278	13119	0.218	ng	97
41) Benzo(g,h,i)perylene	27.415	276	12636	0.197	ng	98

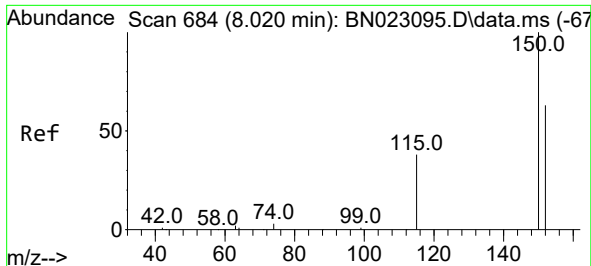
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120922\
Data File : BN023108.D
Acq On : 09 Dec 2022 15:47
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Sample : N4955-02
Misc : LOQ-SOIL-0.2ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

Quant Time: Dec 10 03:24:33 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

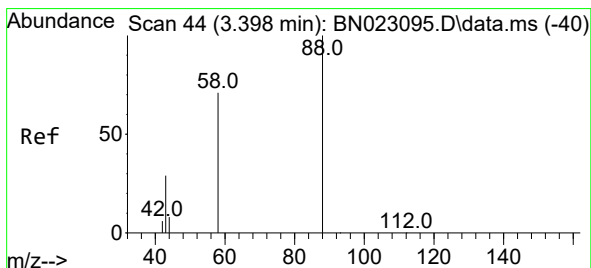
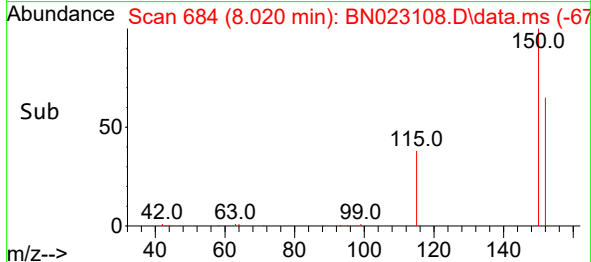
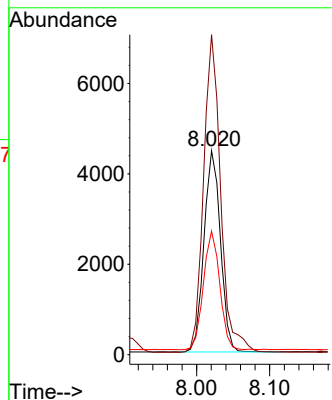
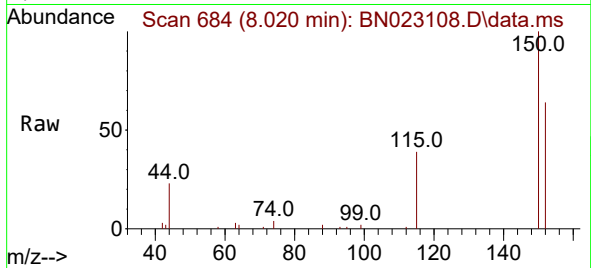




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.020 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN023108.D
 Acq: 09 Dec 2022 15:47

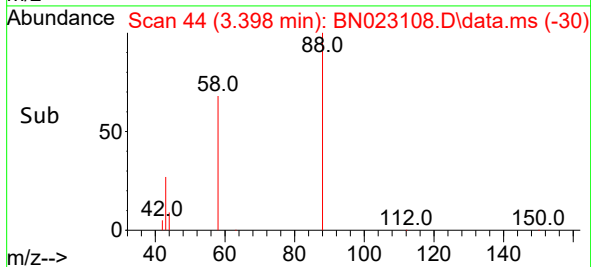
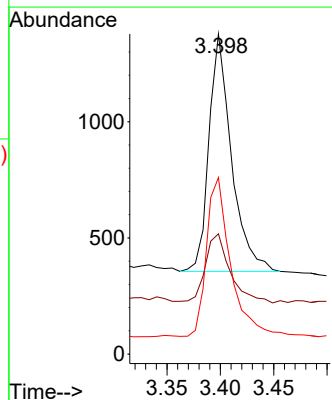
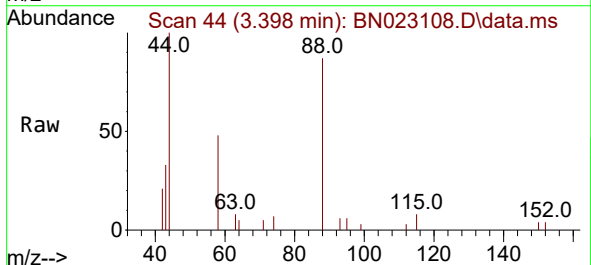
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2022

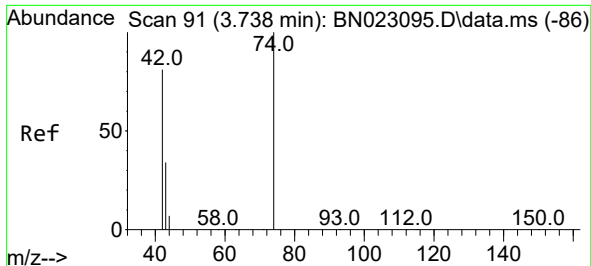
Tgt Ion:152 Resp: 6988
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.6 188.4
 115 60.5 49.0 73.4



#2
 1,4-Dioxane
 Concen: 0.217 ng
 RT: 3.398 min Scan# 44
 Delta R.T. 0.000 min
 Lab File: BN023108.D
 Acq: 09 Dec 2022 15:47

Tgt Ion: 88 Resp: 1499
 Ion Ratio Lower Upper
 88 100
 43 32.2 23.3 34.9
 58 71.4 58.0 87.0

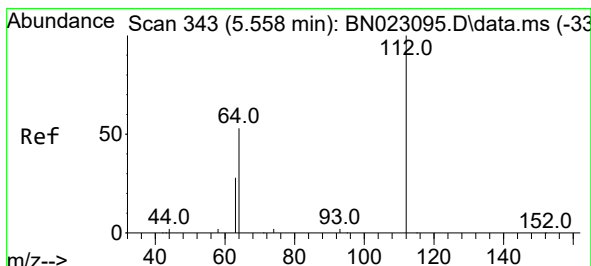
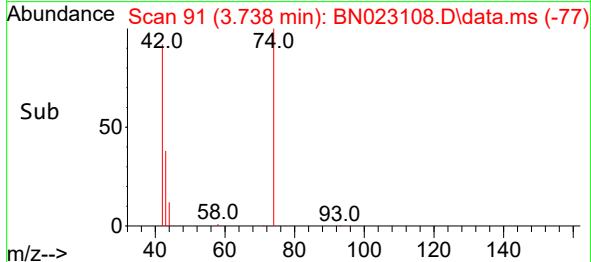
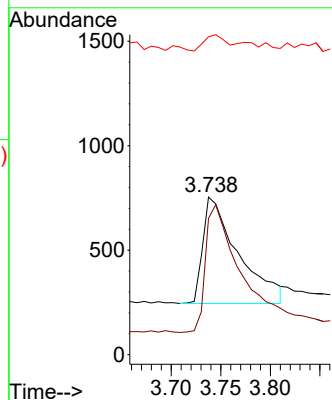
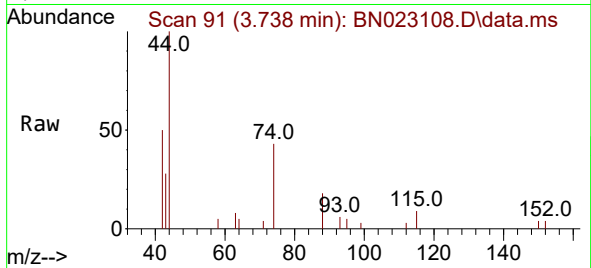




#3
n-Nitrosodimethylamine
Concen: 0.186 ng
RT: 3.738 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

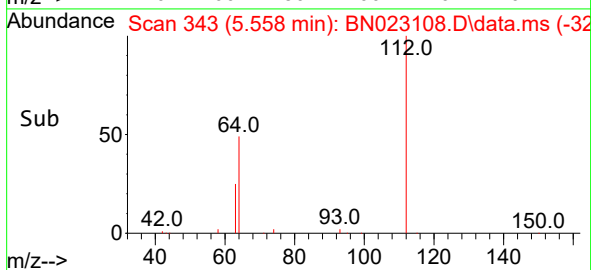
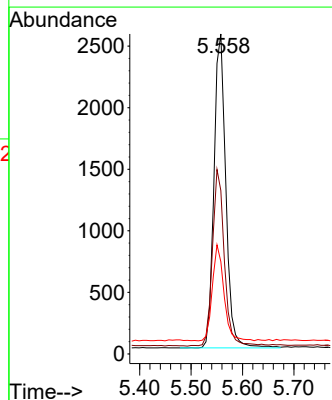
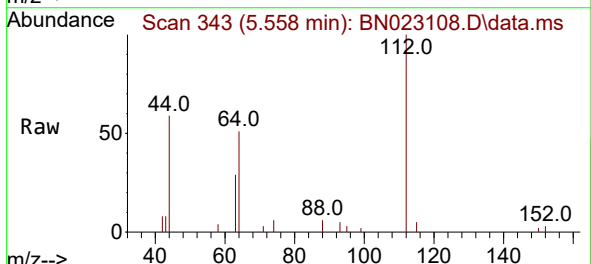
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

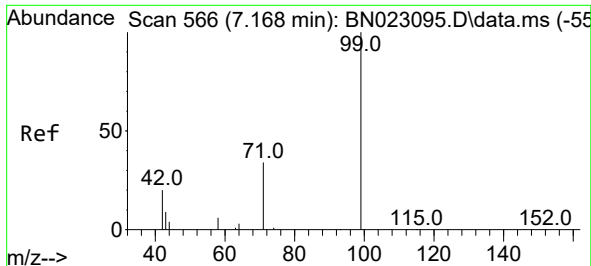
Tgt Ion: 42 Resp: 1262
Ion Ratio Lower Upper
42 100
74 121.1 95.8 143.6
44 10.1 8.4 12.6



#4
2-Fluorophenol
Concen: 0.313 ng
RT: 5.558 min Scan# 343
Delta R.T. 0.000 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

Tgt Ion: 112 Resp: 4079
Ion Ratio Lower Upper
112 100
64 56.7 44.4 66.6
63 29.7 23.7 35.5

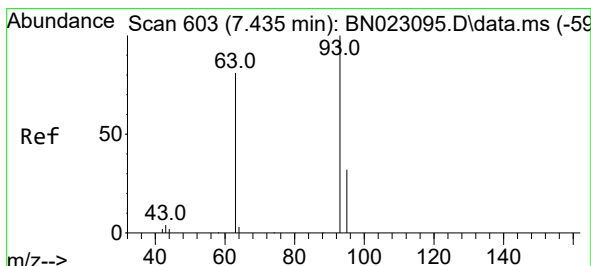
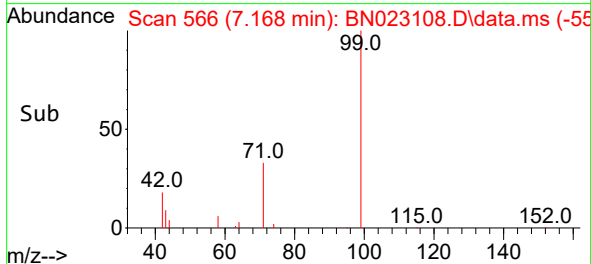
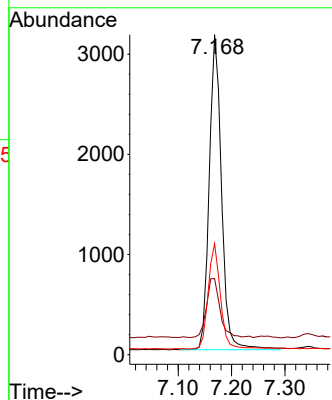
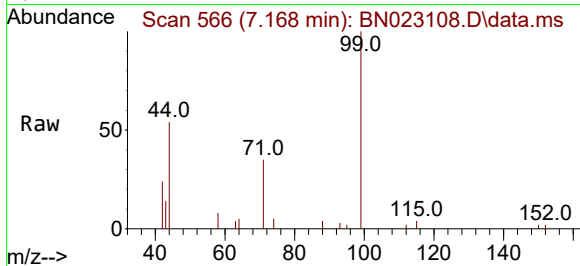




#5
Phenol-d6
Concen: 0.305 ng
RT: 7.168 min Scan# 566
Delta R.T. 0.000 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

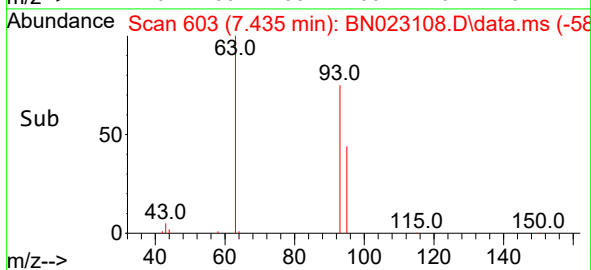
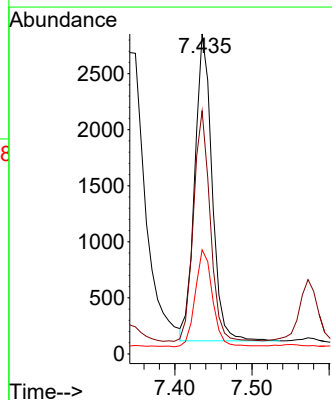
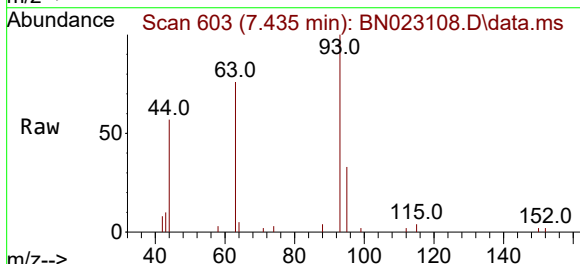
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

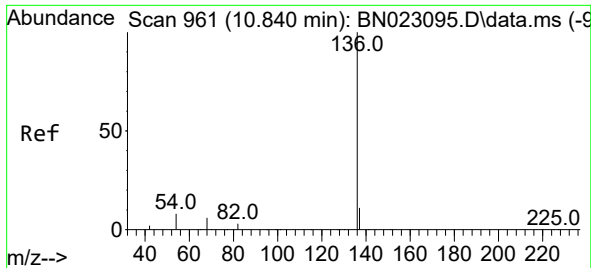
Tgt Ion:	99	Resp:	5046
Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.3	24.5
71	33.5	26.5	39.7



#6
bis(2-Chloroethyl)ether
Concen: 0.227 ng
RT: 7.435 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

Tgt Ion:	93	Resp:	4261
Ion	Ratio	Lower	Upper
93	100		
63	72.8	58.1	87.1
95	31.9	25.2	37.8

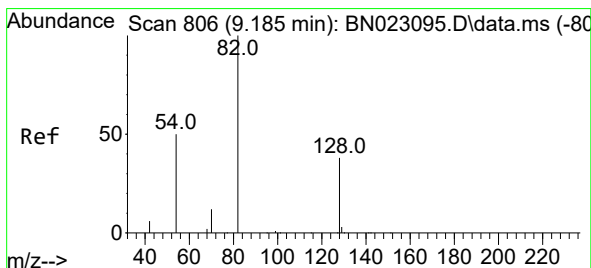
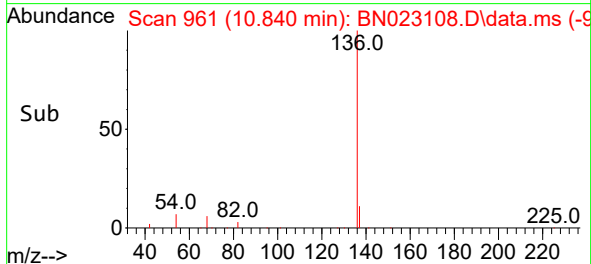
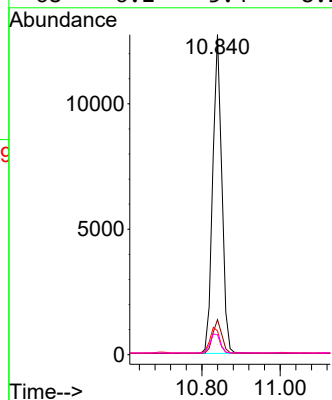
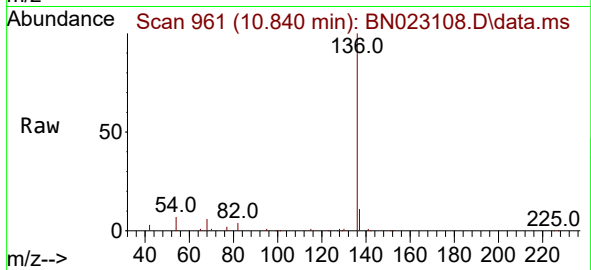




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.840 min Scan# 961
Delta R.T. 0.000 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

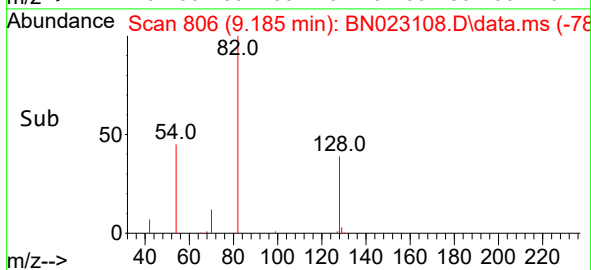
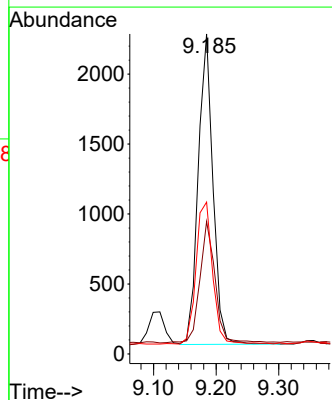
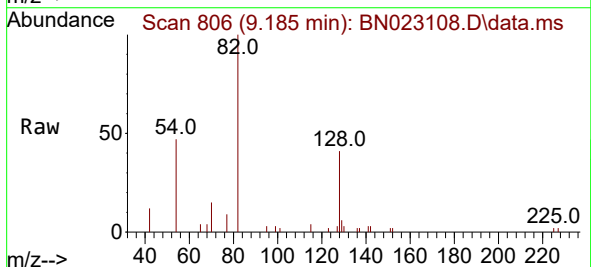
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

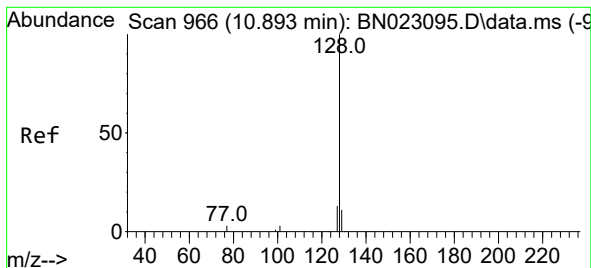
Tgt Ion:	136	Resp:	20570
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.4
54	7.4	6.5	9.7
68	6.2	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.268 ng
RT: 9.185 min Scan# 806
Delta R.T. 0.000 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

Tgt Ion:	82	Resp:	3637
Ion Ratio	Lower	Upper	
82	100		
128	41.4	31.4	47.2
54	47.4	41.0	61.4





#9

Naphthalene

Concen: 0.209 ng

RT: 10.893 min Scan# 966

Delta R.T. 0.000 min

Lab File: BN023108.D

Acq: 09 Dec 2022 15:47

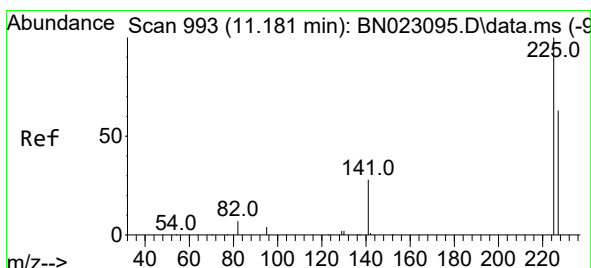
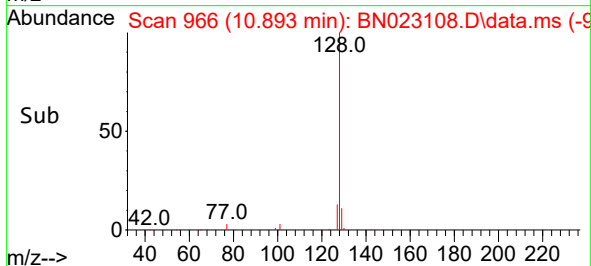
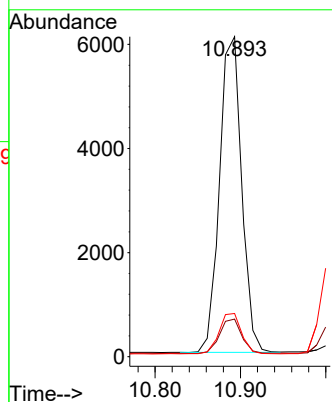
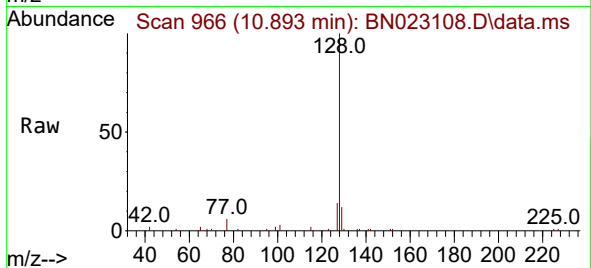
Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2022

Tgt Ion:	128	Resp:	10936
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.0	13.6
127	13.5	10.5	15.7



#10

Hexachlorobutadiene

Concen: 0.220 ng

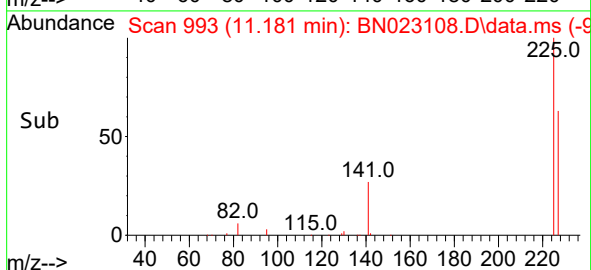
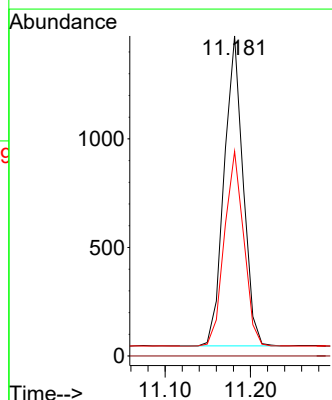
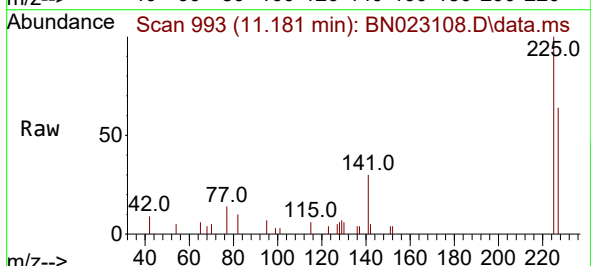
RT: 11.181 min Scan# 993

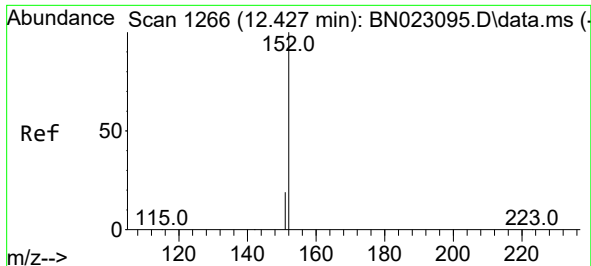
Delta R.T. 0.000 min

Lab File: BN023108.D

Acq: 09 Dec 2022 15:47

Tgt Ion:	225	Resp:	2195
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.3	51.1	76.7

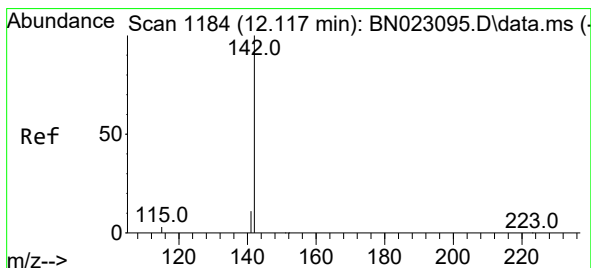
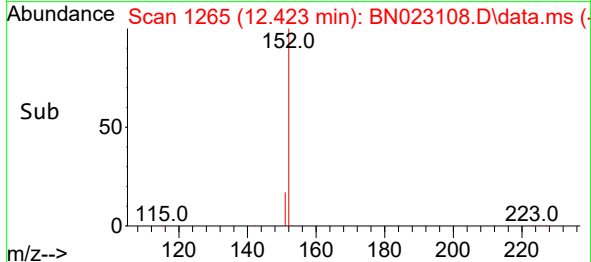
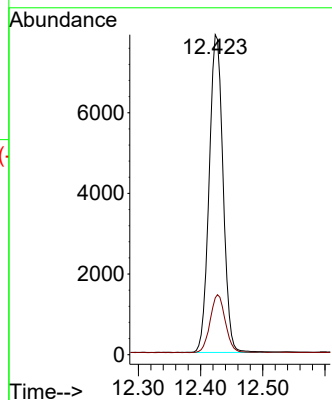
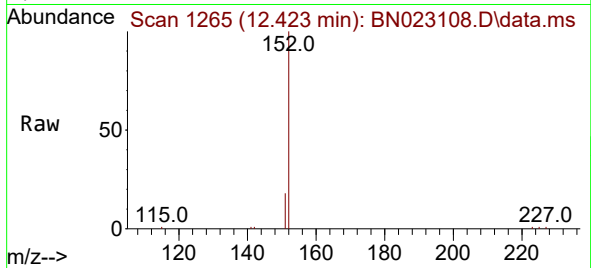




#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.423 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

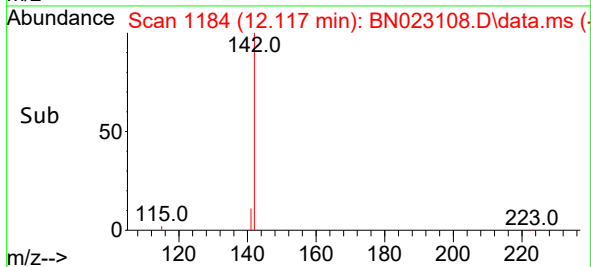
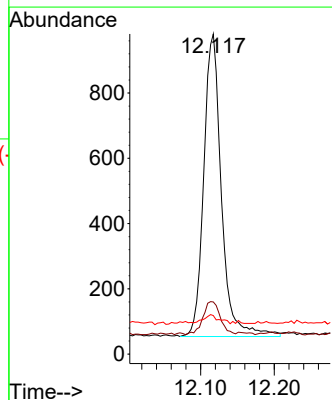
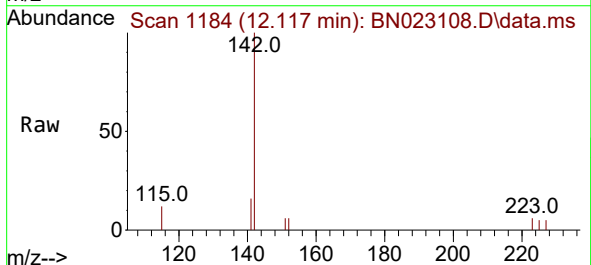
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

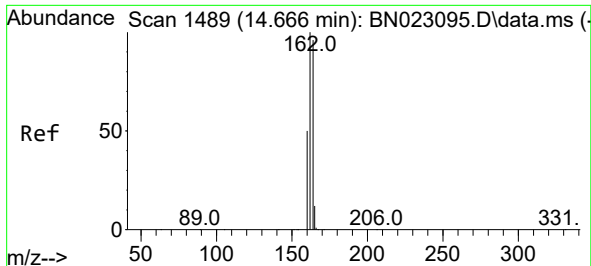
Tgt Ion:152 Resp: 13381
Ion Ratio Lower Upper
152 100
151 18.1 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.198 ng
RT: 12.117 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

Tgt Ion:142 Resp: 1544
Ion Ratio Lower Upper
142 100
141 16.3 10.9 16.3
115 12.0 5.7 8.5#

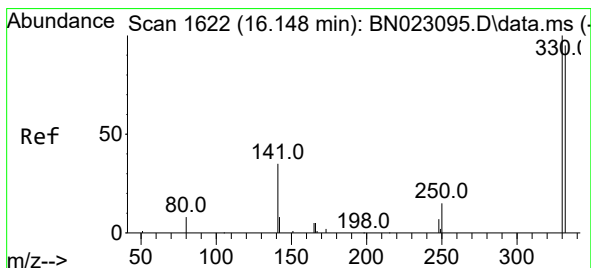
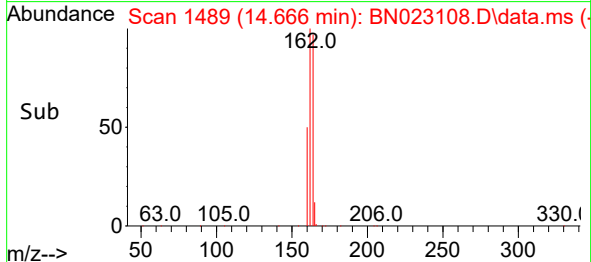
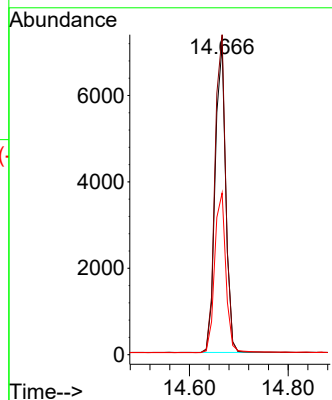
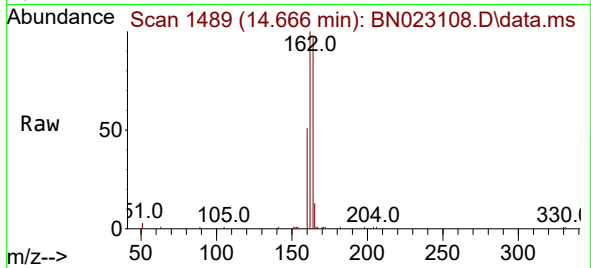




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.666 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

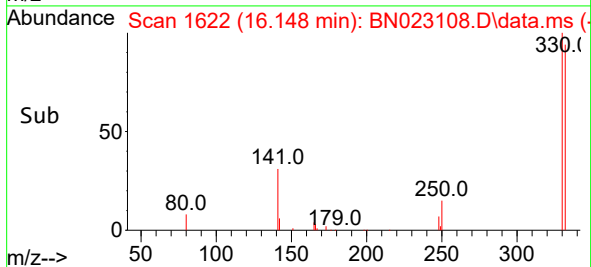
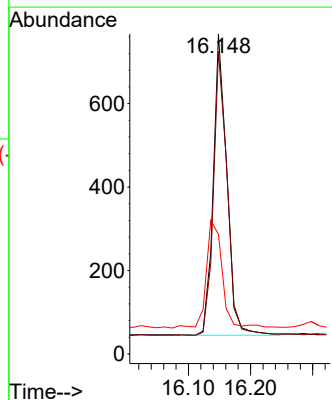
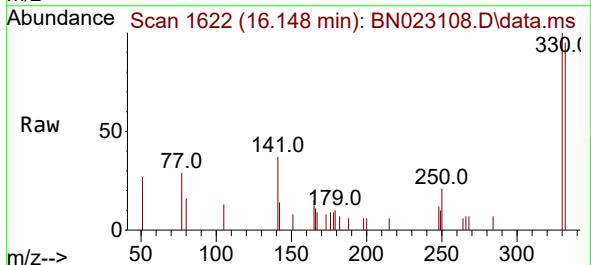
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

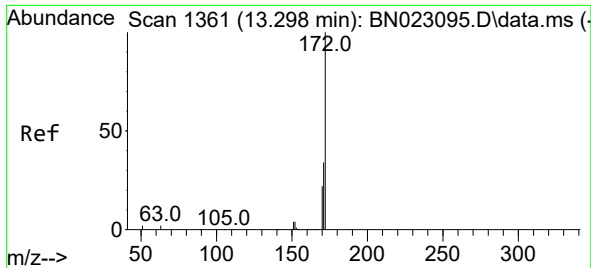
Tgt Ion:164 Resp: 10623
Ion Ratio Lower Upper
164 100
162 103.4 83.4 125.0
160 52.3 41.8 62.8



#14
2,4,6-Tribromophenol
Concen: 0.283 ng
RT: 16.148 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

Tgt Ion:330 Resp: 1092
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 42.6 33.5 50.3

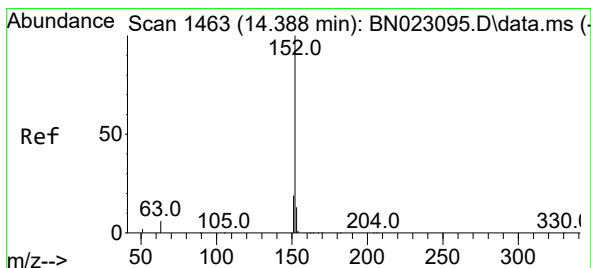
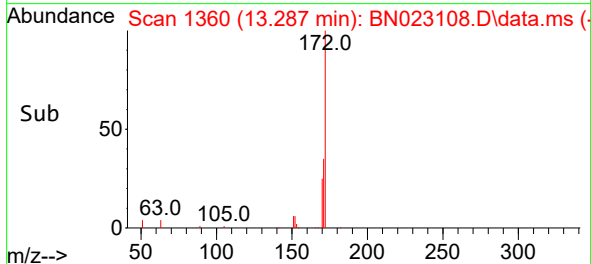
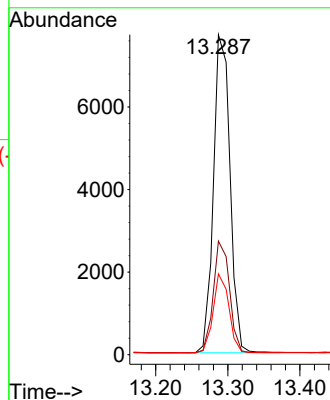
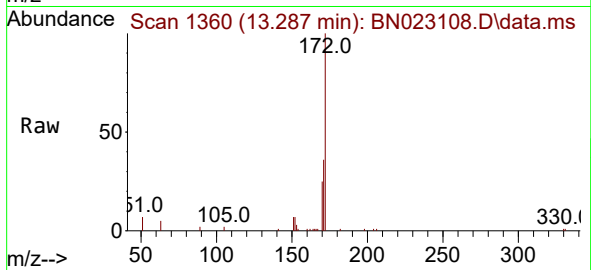




#15
2-Fluorobiphenyl
Concen: 0.290 ng
RT: 13.287 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

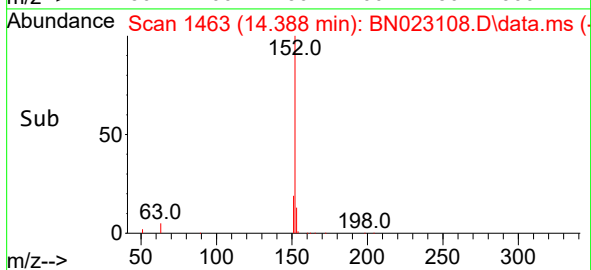
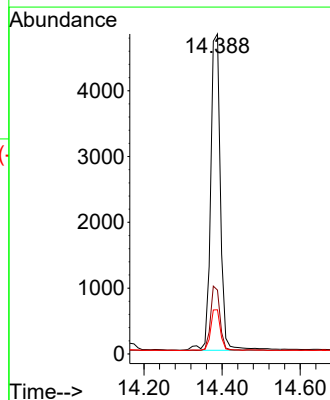
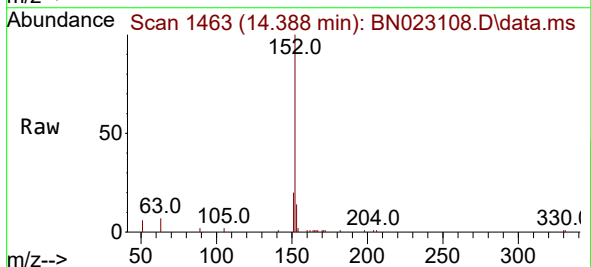
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

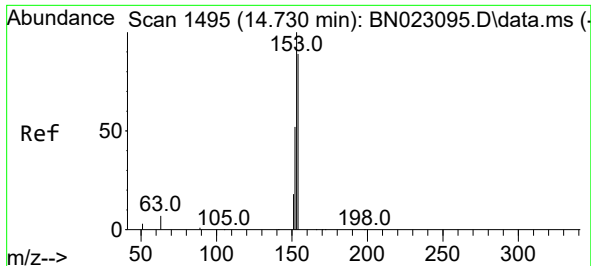
Tgt Ion:172 Resp: 12300
Ion Ratio Lower Upper
172 100
171 35.5 27.4 41.0
170 25.2 17.9 26.9



#16
Acenaphthylene
Concen: 0.196 ng
RT: 14.388 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

Tgt Ion:152 Resp: 8380
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.2
153 12.8 10.3 15.5

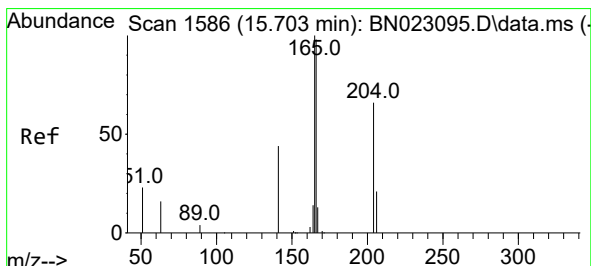
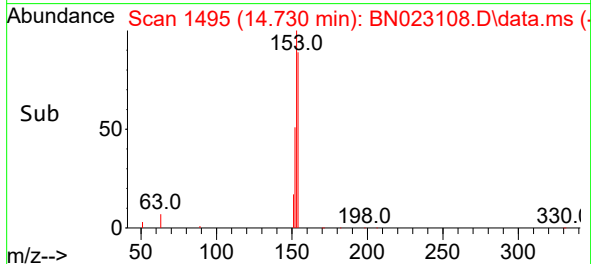
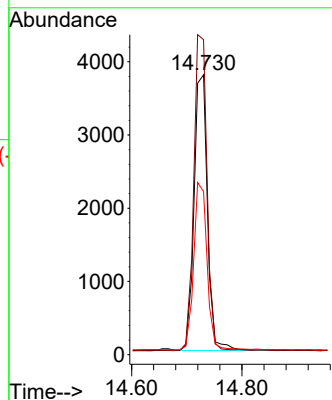
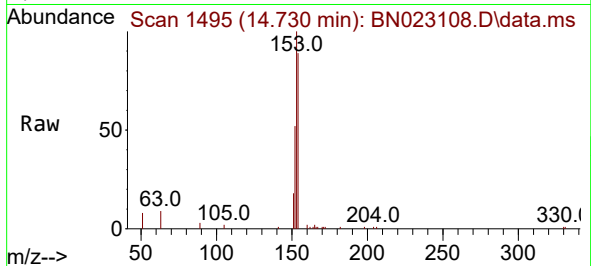




#17
Acenaphthene
Concen: 0.202 ng
RT: 14.730 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

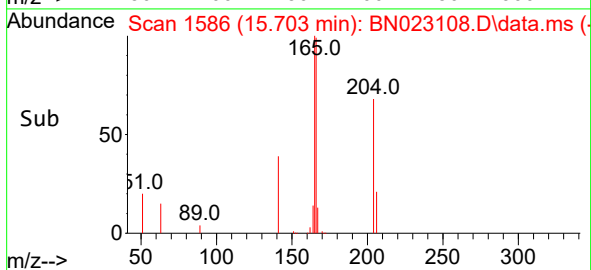
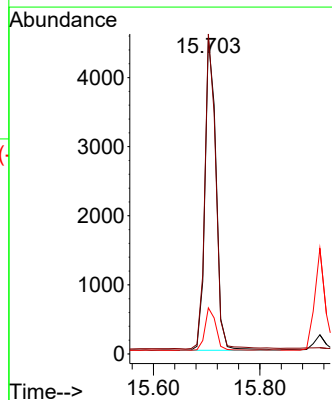
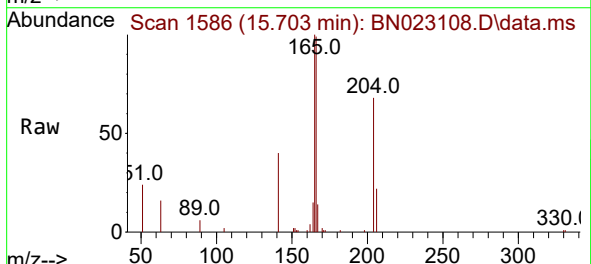
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

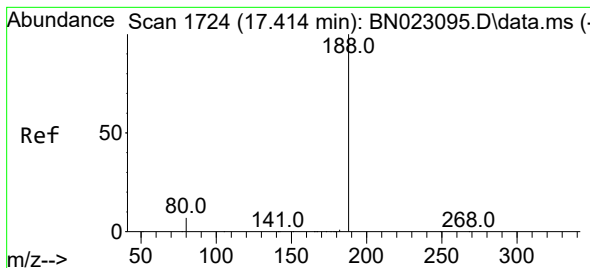
Tgt Ion:154 Resp: 6340
Ion Ratio Lower Upper
154 100
153 113.4 88.6 132.8
152 60.6 48.1 72.1



#18
Fluorene
Concen: 0.196 ng
RT: 15.703 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

Tgt Ion:166 Resp: 6894
Ion Ratio Lower Upper
166 100
165 100.4 79.8 119.6
167 13.1 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.402 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN023108.D

Acq: 09 Dec 2022 15:47

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2022

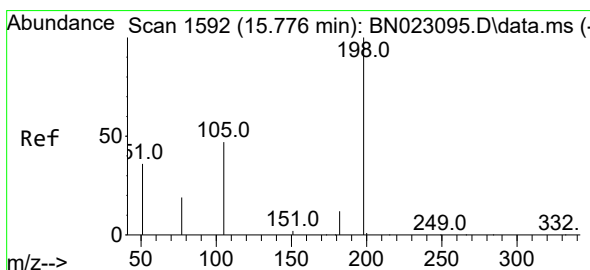
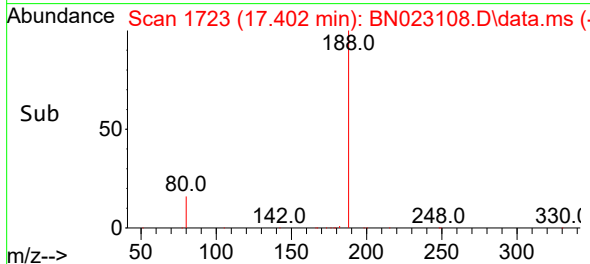
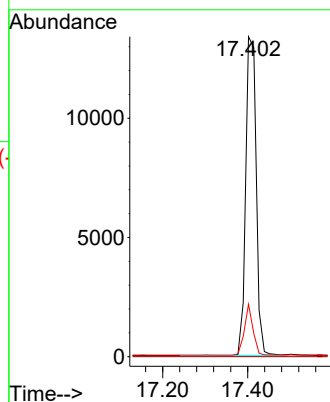
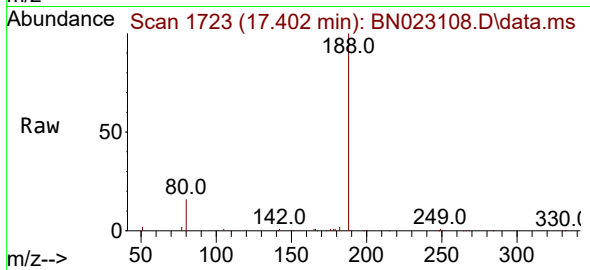
Tgt Ion:188 Resp: 22938

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: 0.141 ng

RT: 15.776 min Scan# 1592

Delta R.T. -0.000 min

Lab File: BN023108.D

Acq: 09 Dec 2022 15:47

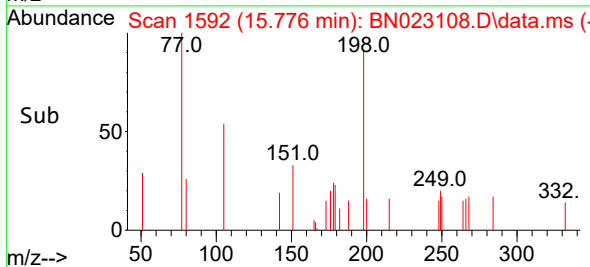
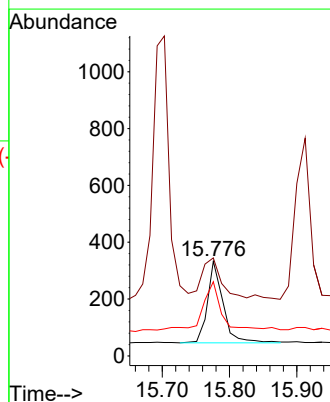
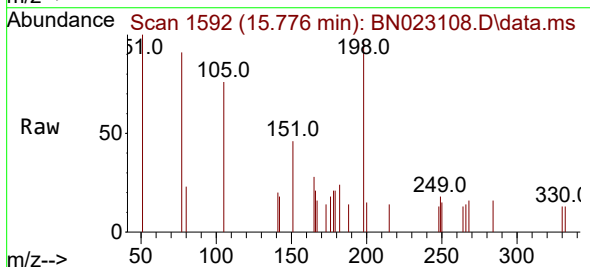
Tgt Ion:198 Resp: 462

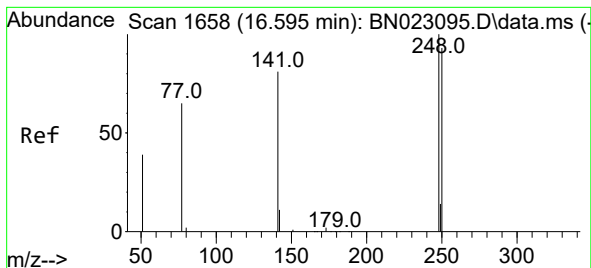
Ion Ratio Lower Upper

198 100

51 103.6 57.0 85.4#

105 78.4 47.2 70.8#

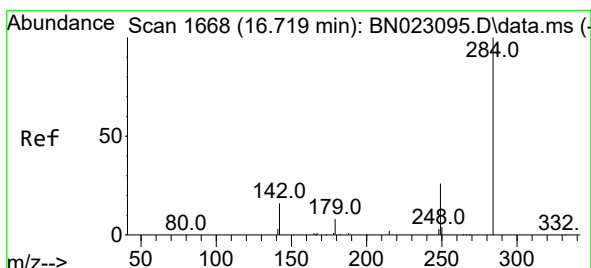
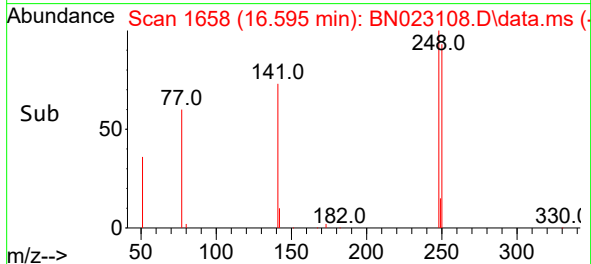
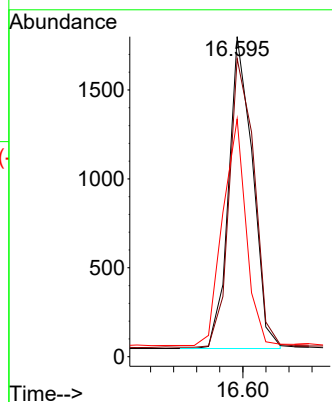
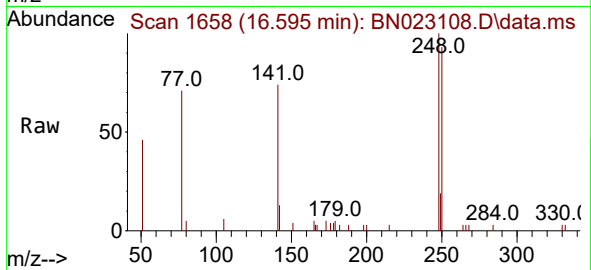




#21
4-Bromophenyl-phenylether
Concen: 0.206 ng
RT: 16.595 min Scan# 1658
Delta R.T. 0.000 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

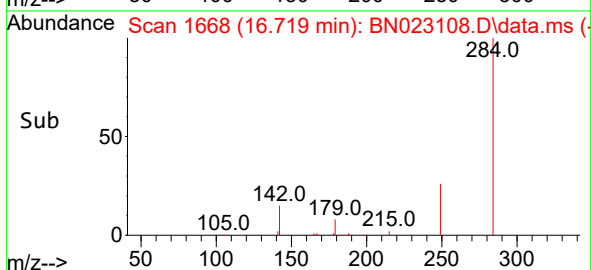
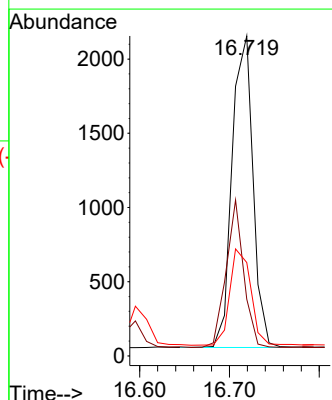
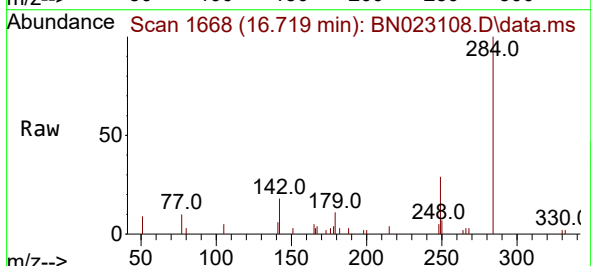
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

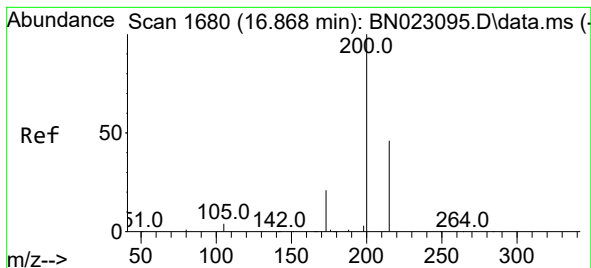
Tgt Ion:248 Resp: 2522
Ion Ratio Lower Upper
248 100
250 93.2 74.3 111.5
141 74.3 65.0 97.6



#22
Hexachlorobenzene
Concen: 0.211 ng
RT: 16.719 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

Tgt Ion:284 Resp: 3386
Ion Ratio Lower Upper
284 100
142 40.0 31.0 46.4
249 31.0 24.4 36.6





#23

Atrazine

Concen: 0.184 ng

RT: 16.868 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN023108.D

Acq: 09 Dec 2022 15:47

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2022

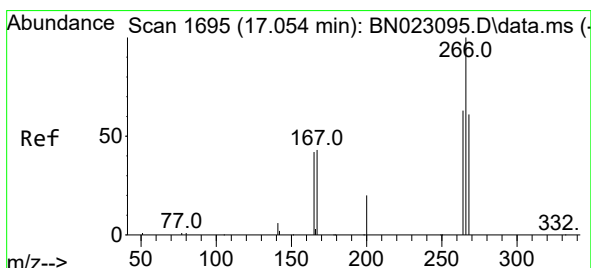
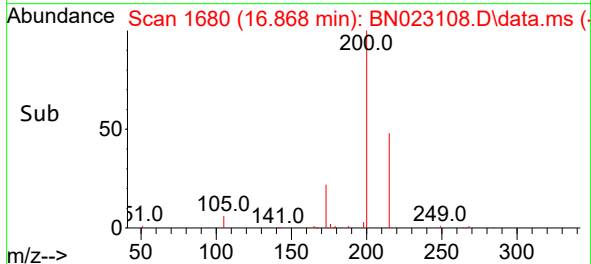
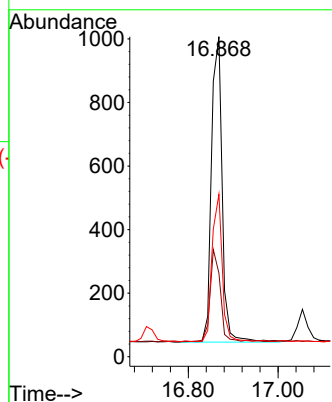
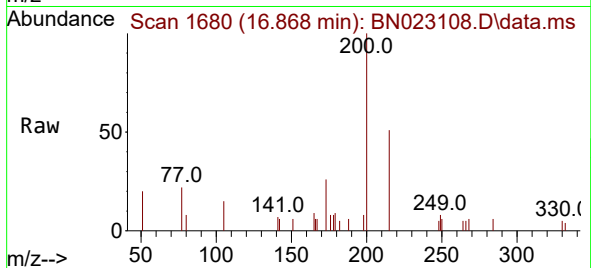
Tgt Ion:200 Resp: 1584

Ion Ratio Lower Upper

200 100

173 26.1 18.2 27.4

215 50.7 38.0 57.0



#24

Pentachlorophenol

Concen: 0.156 ng

RT: 17.054 min Scan# 1695

Delta R.T. 0.000 min

Lab File: BN023108.D

Acq: 09 Dec 2022 15:47

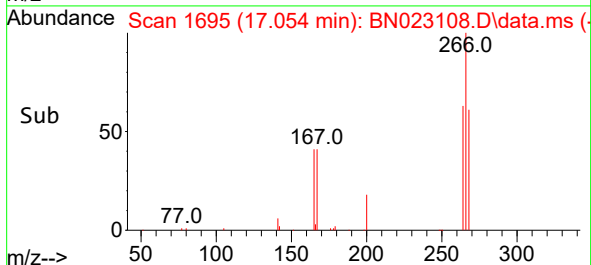
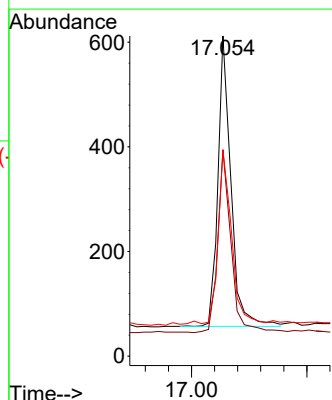
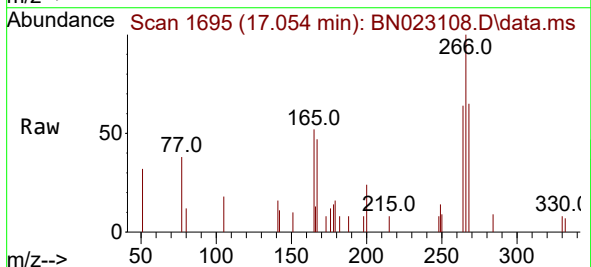
Tgt Ion:266 Resp: 868

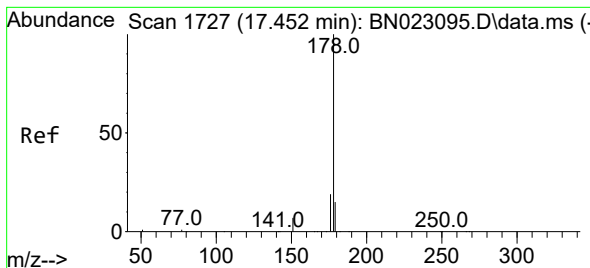
Ion Ratio Lower Upper

266 100

264 64.3 50.1 75.1

268 62.3 49.7 74.5





#25

Phenanthrene

Concen: 0.196 ng

RT: 17.452 min Scan# 1727

Delta R.T. 0.000 min

Lab File: BN023108.D

Acq: 09 Dec 2022 15:47

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2022

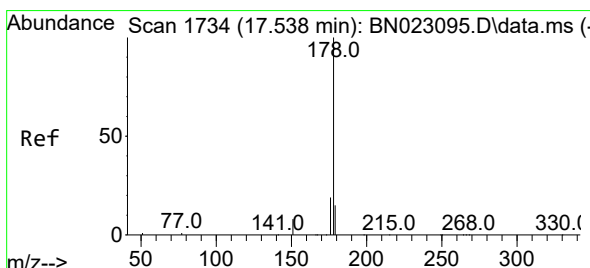
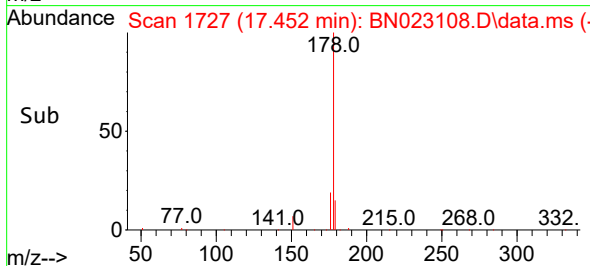
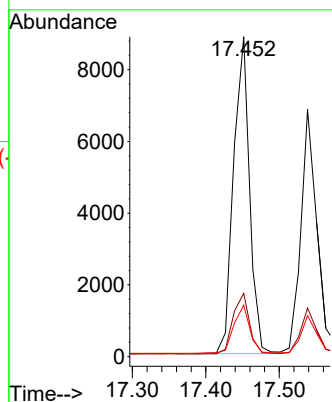
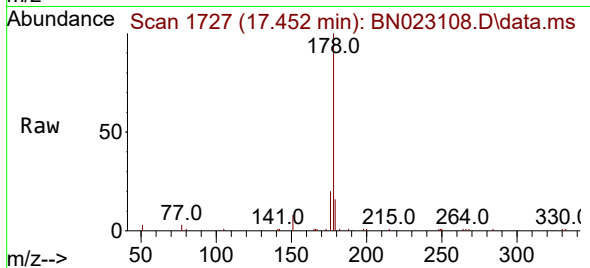
Tgt Ion:178 Resp: 13380

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 15.2 12.2 18.2



#26

Anthracene

Concen: 0.192 ng

RT: 17.538 min Scan# 1734

Delta R.T. 0.000 min

Lab File: BN023108.D

Acq: 09 Dec 2022 15:47

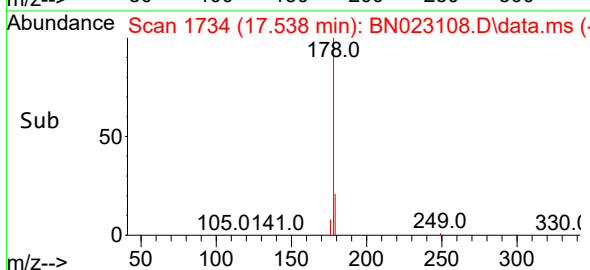
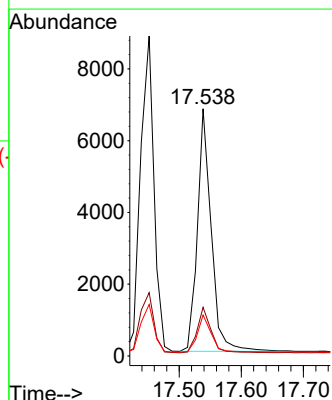
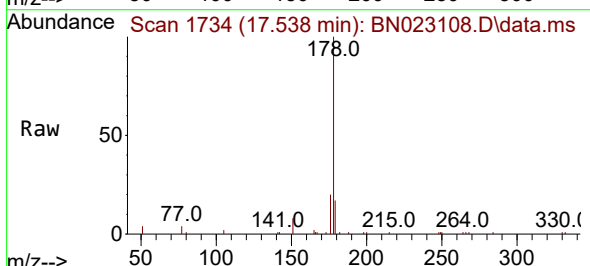
Tgt Ion:178 Resp: 10467

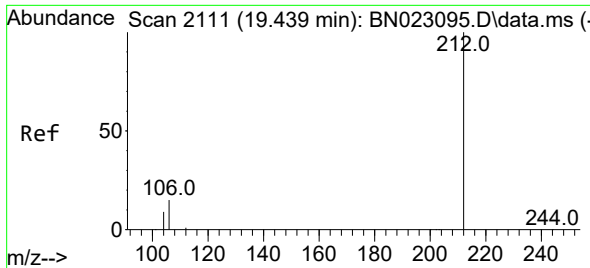
Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.4 12.2 18.4

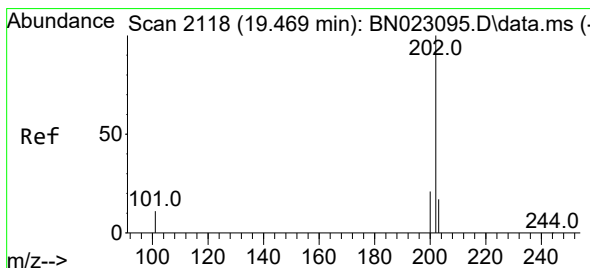
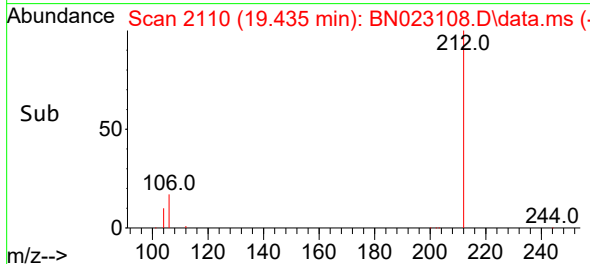
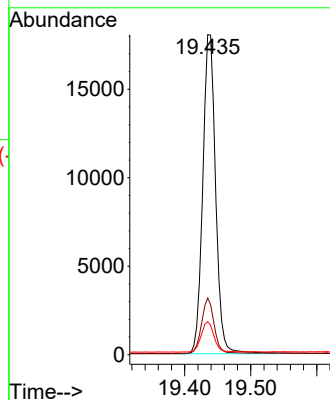
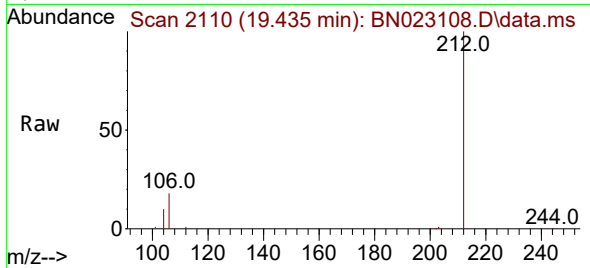




#27
Fluoranthene-d10
Concen: 0.456 ng
RT: 19.435 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

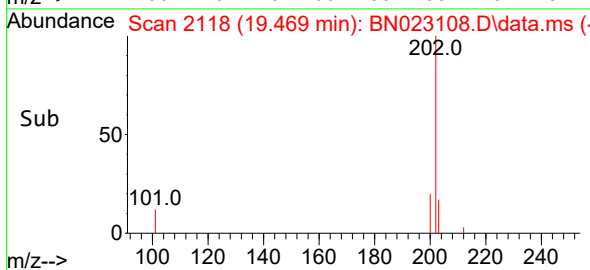
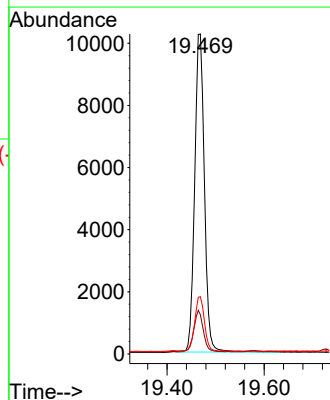
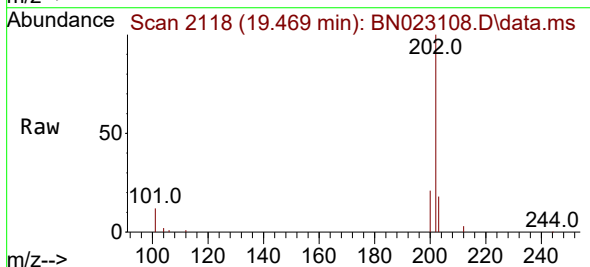
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

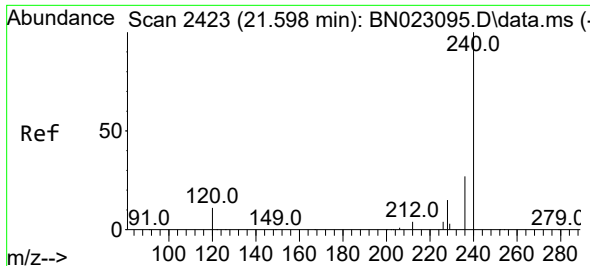
Tgt Ion:212 Resp: 24492
Ion Ratio Lower Upper
212 100
106 16.7 13.0 19.4
104 9.5 7.5 11.3



#28
Fluoranthene
Concen: 0.195 ng
RT: 19.469 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

Tgt Ion:202 Resp: 14243
Ion Ratio Lower Upper
202 100
101 13.1 9.7 14.5
203 17.1 13.8 20.6

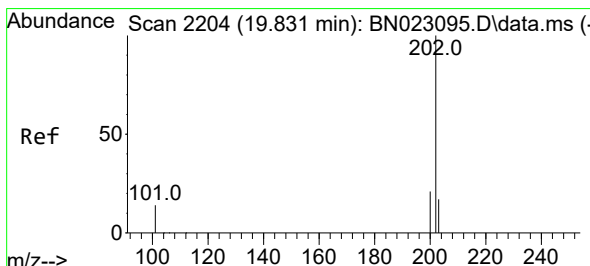
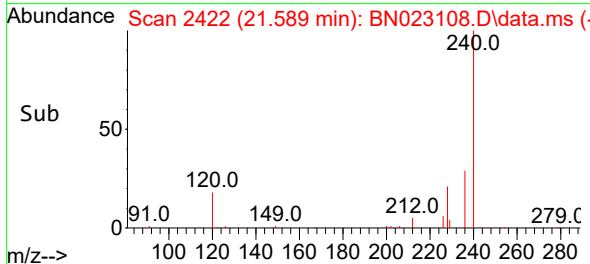
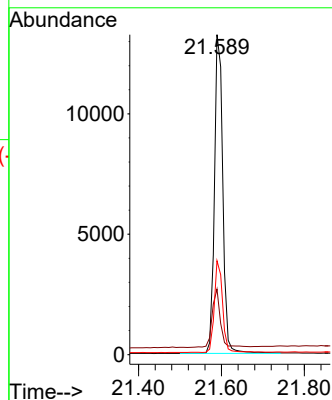
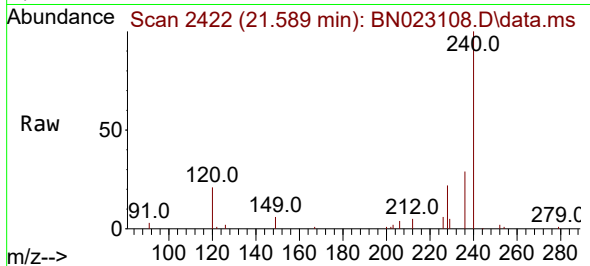




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.589 min Scan# 2422
Delta R.T. -0.009 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

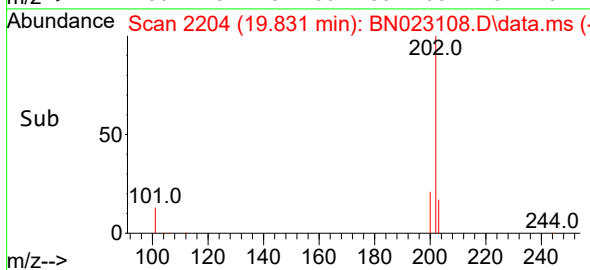
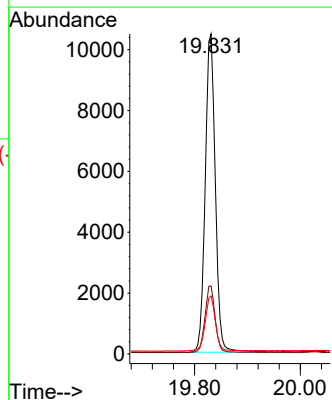
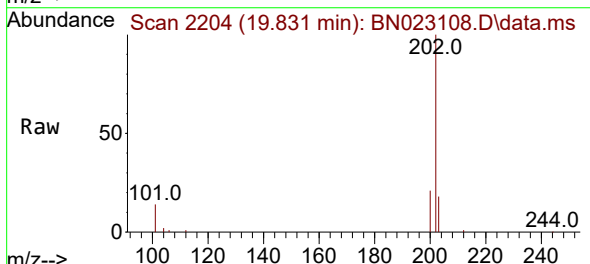
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

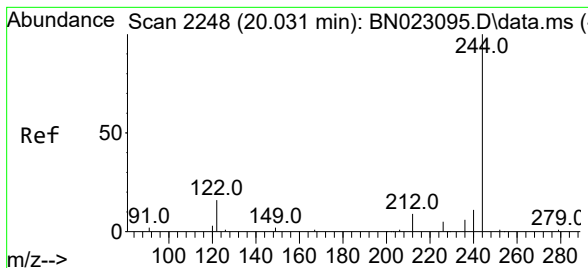
Tgt Ion:240 Resp: 18554
Ion Ratio Lower Upper
240 100
120 20.5 10.1 15.1#
236 29.3 22.2 33.4



#30
Pyrene
Concen: 0.204 ng
RT: 19.831 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

Tgt Ion:202 Resp: 13838
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.7 14.2 21.4





#31

Terphenyl-d14

Concen: 0.274 ng

RT: 20.031 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN023108.D

Acq: 09 Dec 2022 15:47

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2022

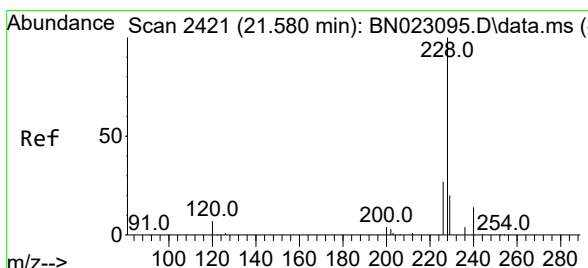
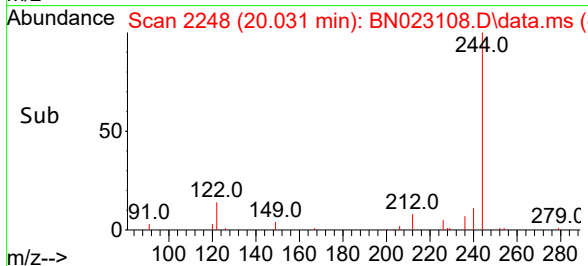
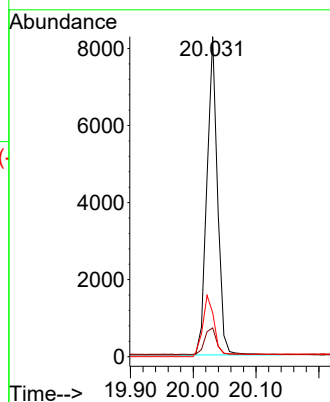
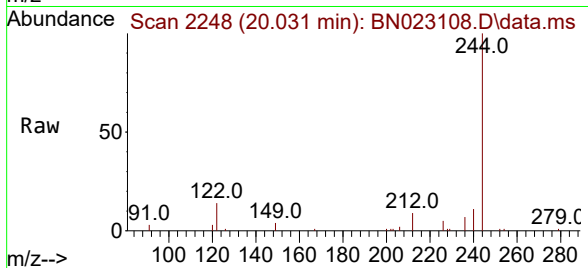
Tgt Ion:244 Resp: 8239

Ion Ratio Lower Upper

244 100

212 9.0 7.6 11.4

122 13.7 12.6 18.8



#32

Benzo(a)anthracene

Concen: 0.189 ng

RT: 21.580 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BN023108.D

Acq: 09 Dec 2022 15:47

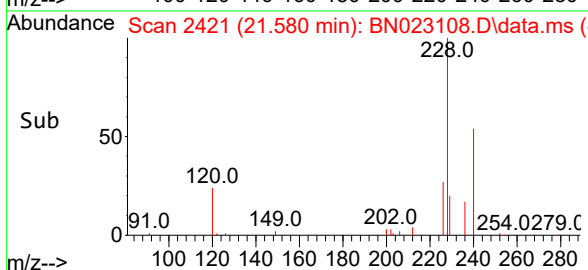
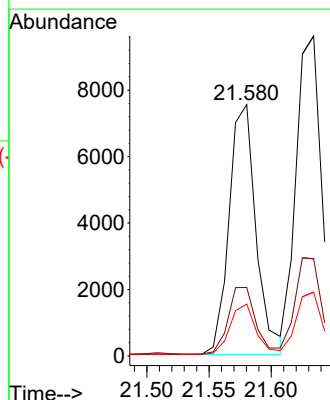
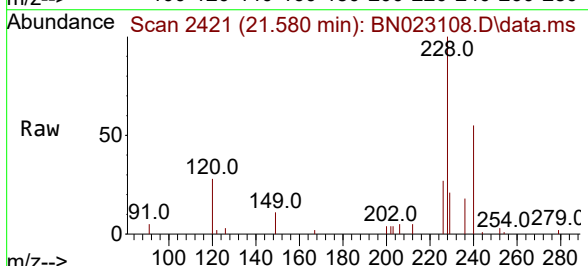
Tgt Ion:228 Resp: 11301

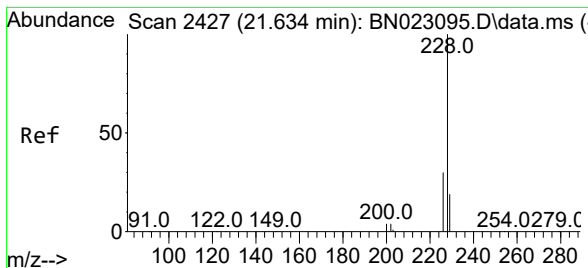
Ion Ratio Lower Upper

228 100

226 27.2 22.0 33.0

229 20.7 15.8 23.8





#33

Chrysene

Concen: 0.206 ng

RT: 21.634 min Scan# 2427

Delta R.T. 0.000 min

Lab File: BN023108.D

Acq: 09 Dec 2022 15:47

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2022

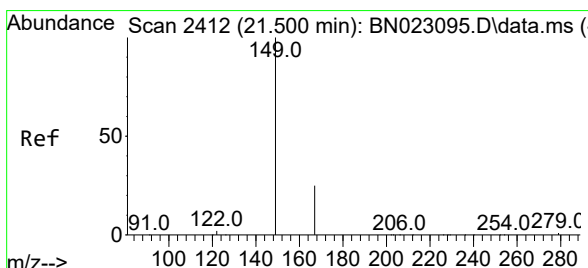
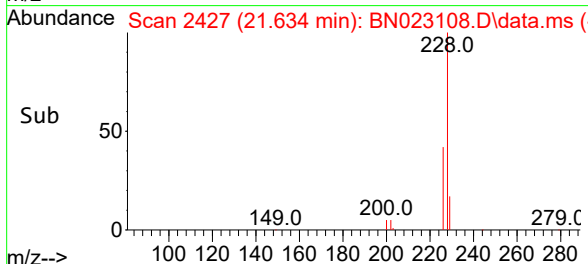
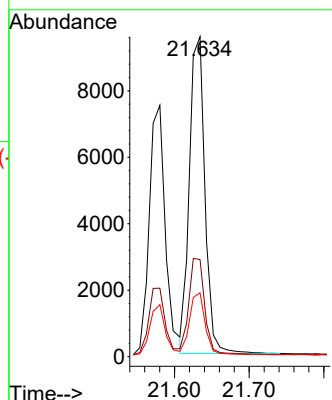
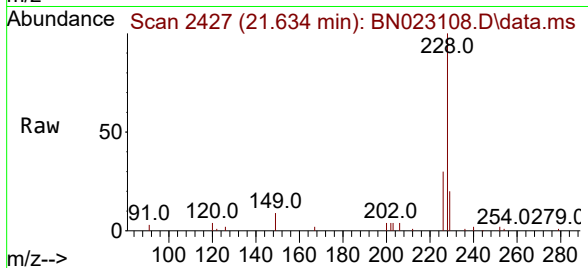
Tgt Ion:228 Resp: 13837

Ion Ratio Lower Upper

228 100

226 30.3 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: BN023108.D

Acq: 09 Dec 2022 15:47

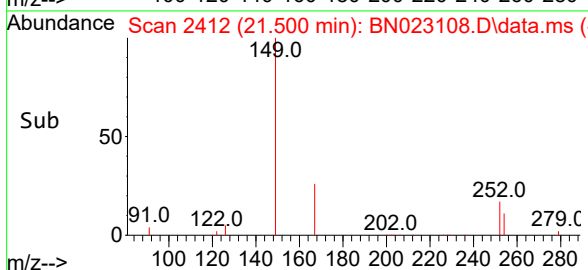
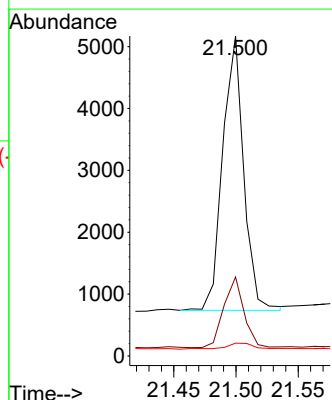
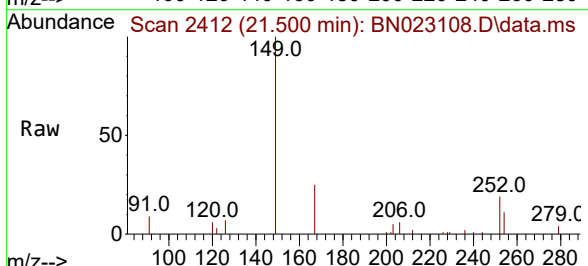
Tgt Ion:149 Resp: 5211

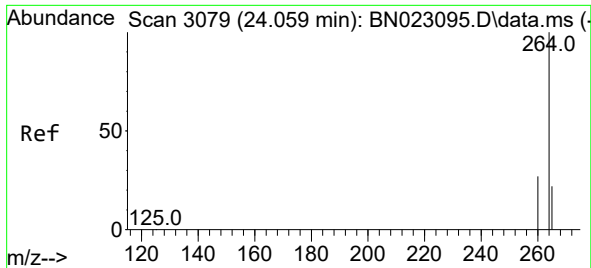
Ion Ratio Lower Upper

149 100

167 24.7 20.2 30.2

279 3.3 2.3 3.5

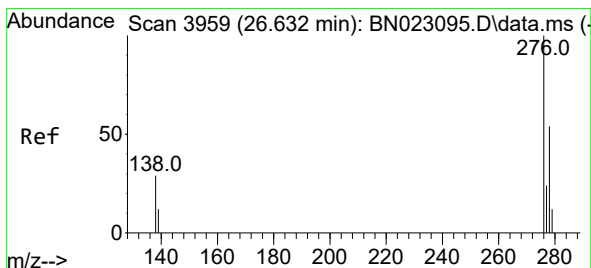
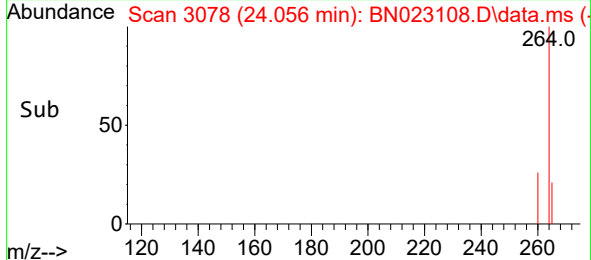
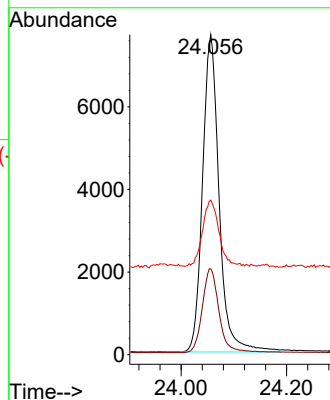
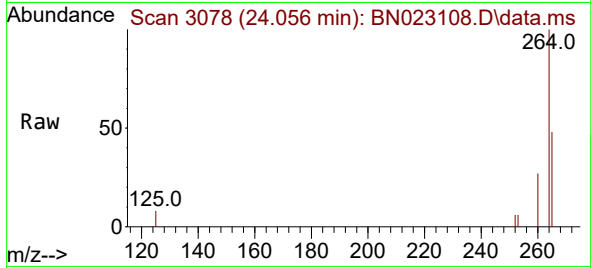




#35
Perylene-d12
Concen: 0.400 ng
RT: 24.056 min Scan# 3078
Delta R.T. -0.003 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

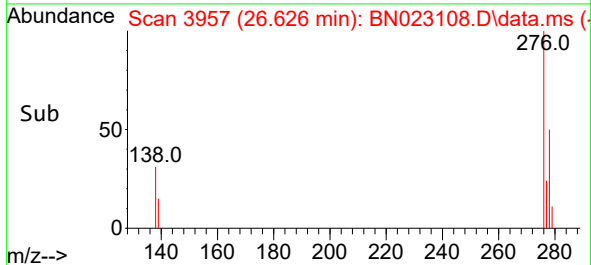
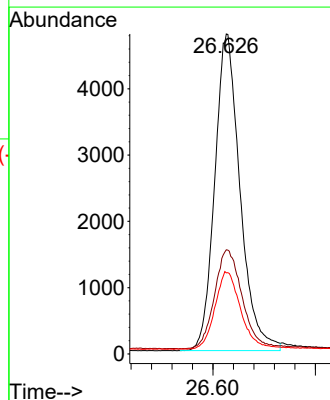
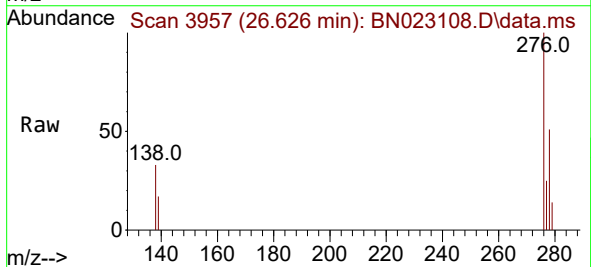
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

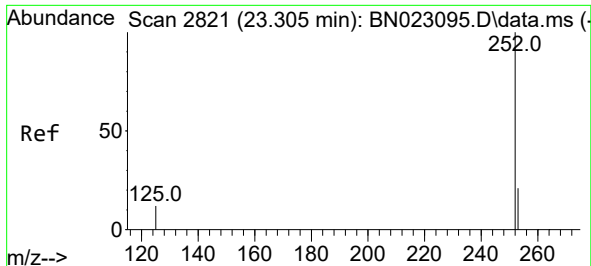
Tgt Ion:264 Resp: 16716
Ion Ratio Lower Upper
264 100
260 26.9 21.7 32.5
265 48.3 43.2 64.8



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.219 ng
RT: 26.626 min Scan# 3957
Delta R.T. -0.006 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

Tgt Ion:276 Resp: 16391
Ion Ratio Lower Upper
276 100
138 34.6 25.0 37.6
277 24.8 19.8 29.8

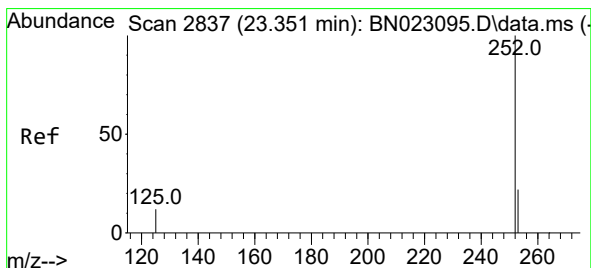
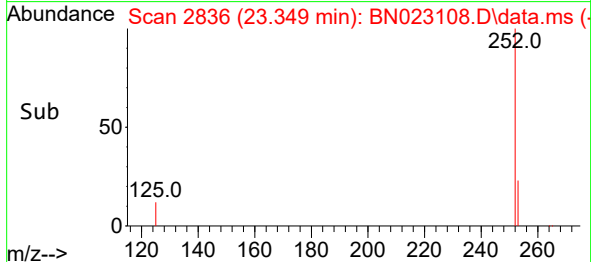
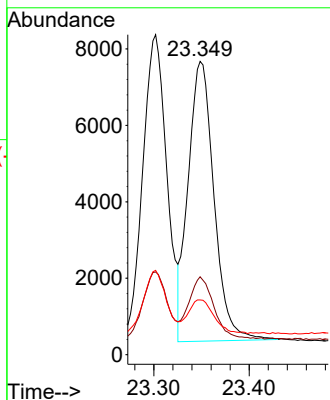
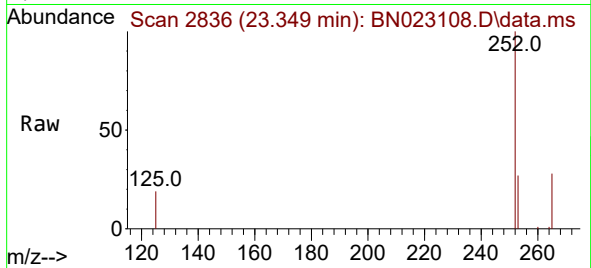




#37
Benzo(b)fluoranthene
Concen: 0.199 ng
RT: 23.349 min Scan# 2836
Delta R.T. 0.044 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

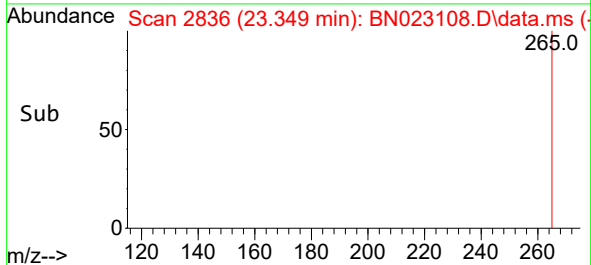
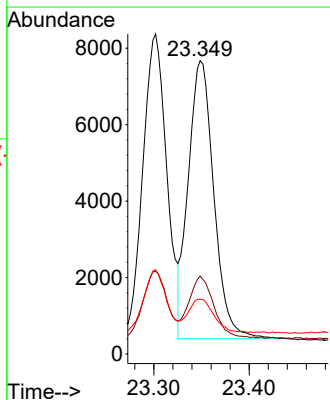
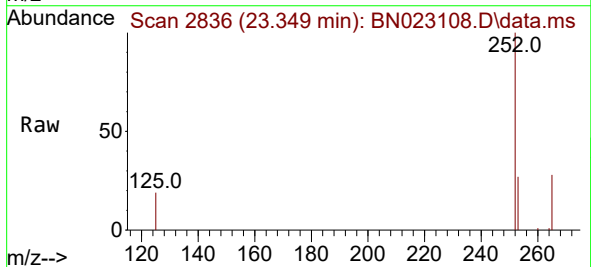
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

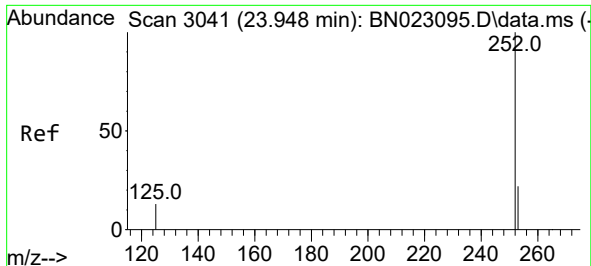
Tgt Ion:252 Resp: 13784
Ion Ratio Lower Upper
252 100
253 26.6 19.0 28.4
125 18.7 12.8 19.2



#38
Benzo(k)fluoranthene
Concen: 0.193 ng
RT: 23.349 min Scan# 2836
Delta R.T. -0.003 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

Tgt Ion:252 Resp: 13607
Ion Ratio Lower Upper
252 100
253 26.6 19.1 28.7
125 18.7 12.5 18.7





#39

Benzo(a)pyrene

Concen: 0.251 ng

RT: 23.945 min Scan# 3041

Delta R.T. -0.003 min

Lab File: BN023108.D

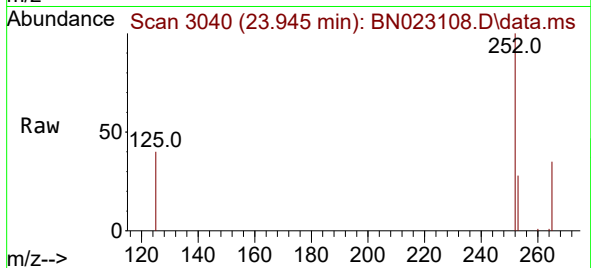
Acq: 09 Dec 2022 15:47

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2022



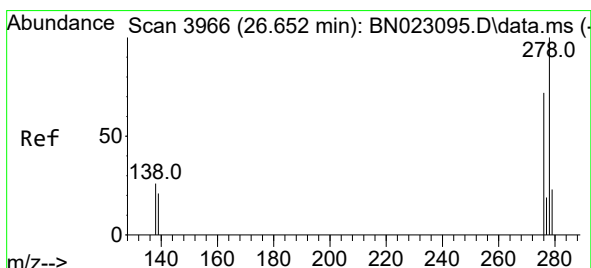
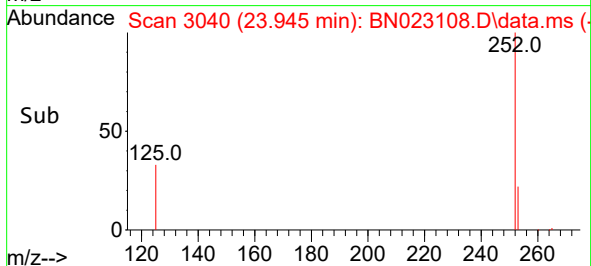
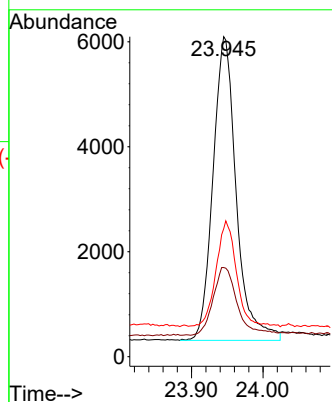
Tgt Ion:252 Resp: 13047

Ion Ratio Lower Upper

252 100

253 27.8 20.6 30.8

125 40.0 15.8 23.8#



#40

Dibenzo(a,h)anthracene

Concen: 0.218 ng

RT: 26.649 min Scan# 3965

Delta R.T. -0.003 min

Lab File: BN023108.D

Acq: 09 Dec 2022 15:47

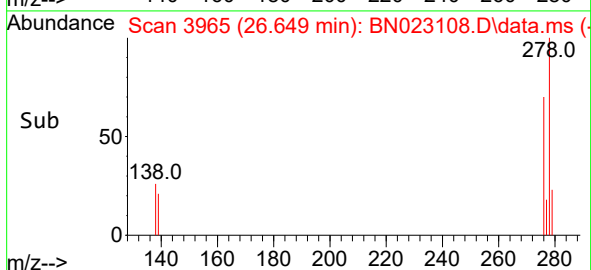
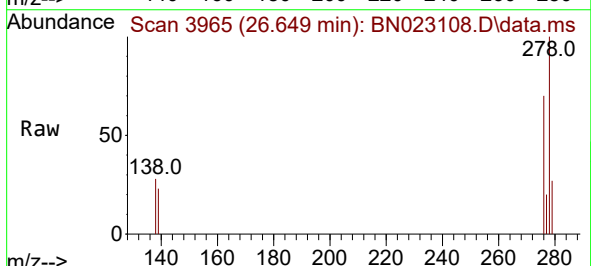
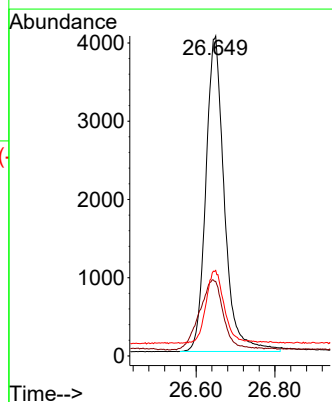
Tgt Ion:278 Resp: 13119

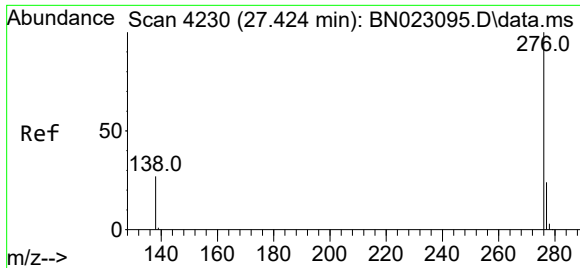
Ion Ratio Lower Upper

278 100

139 23.3 17.5 26.3

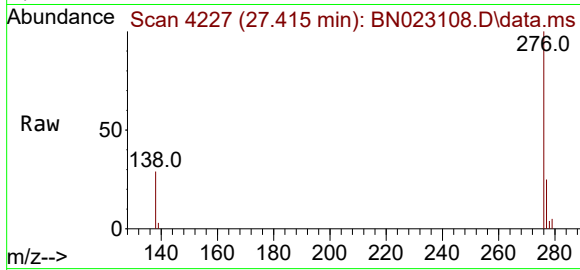
279 26.8 20.5 30.7





#41
Benzo(g,h,i)perylene
Concen: 0.197 ng
RT: 27.415 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN023108.D
Acq: 09 Dec 2022 15:47

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022



Tgt Ion:	276	Resp:	12636
Ion Ratio	Lower	Upper	
276	100		
277	25.4	19.9	29.9
138	29.2	22.2	33.2

