

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120922\
 Data File : BN023107.D
 Acq On : 09 Dec 2022 15:09
 Operator : CG/JU
 Sample : N4955-02
 Misc : LOQ-SOIL-0.1ppm
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Dec 10 03:24:14 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)

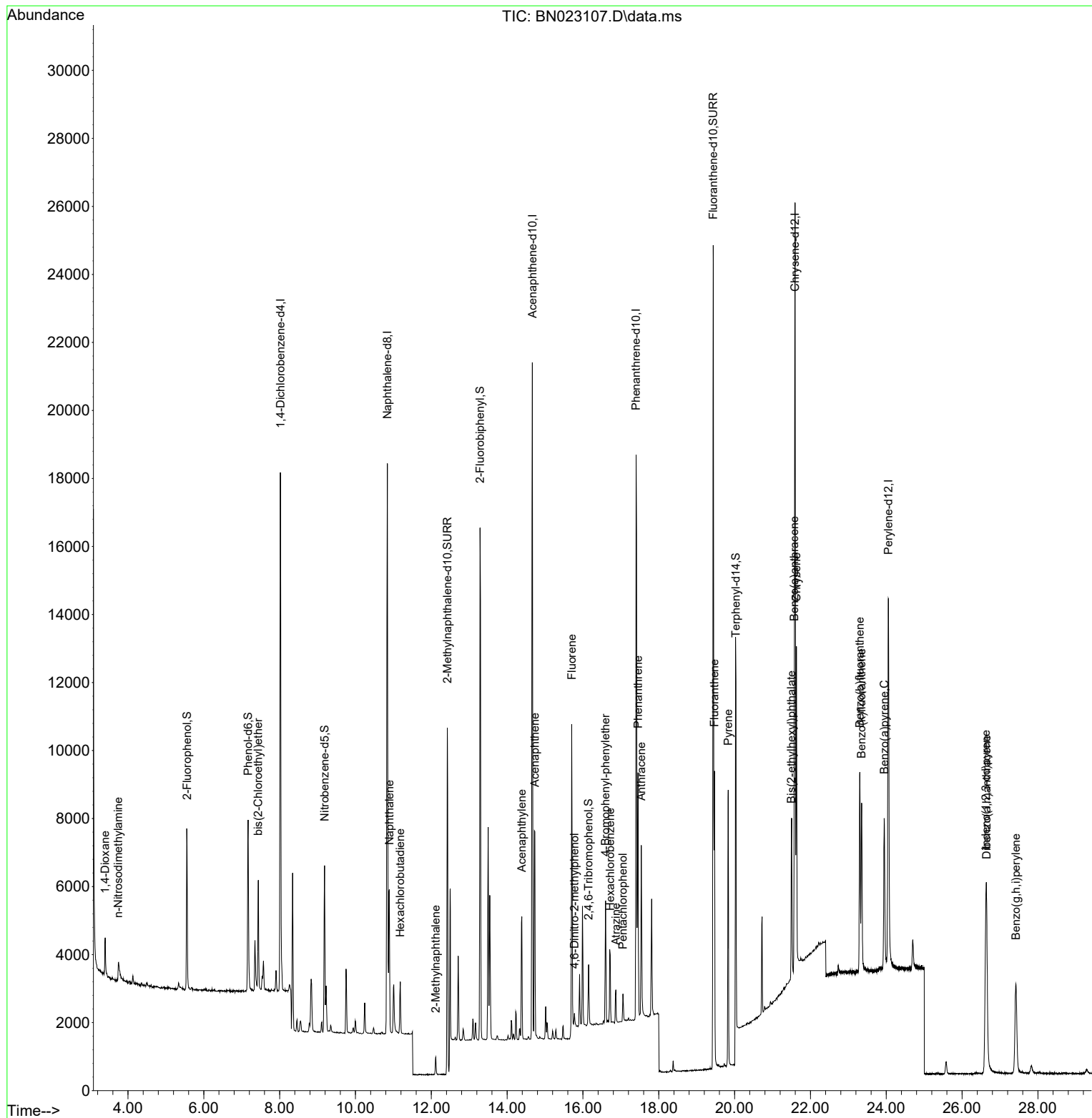
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.020	152	7352	0.400	ng	0.00
7) Naphthalene-d8	10.840	136	21225	0.400	ng	0.00
13) Acenaphthene-d10	14.666	164	10919	0.400	ng	0.00
19) Phenanthrene-d10	17.402	188	23810	0.400	ng	#-0.01
29) Chrysene-d12	21.593	240	18644	0.400	ng	# 0.00
35) Perylene-d12	24.057	264	16545	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.558	112	3879	0.283	ng	0.00
5) Phenol-d6	7.168	99	4763	0.274	ng	0.00
8) Nitrobenzene-d5	9.185	82	3939	0.282	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	17046	0.474	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	1002	0.253	ng	0.00
15) 2-Fluorobiphenyl	13.287	172	13308	0.305	ng	-0.01
27) Fluoranthene-d10	19.439	212	26073	0.468	ng	0.00
31) Terphenyl-d14	20.035	244	9337	0.308	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.398	88	780	0.107	ng	96
3) n-Nitrosodimethylamine	3.745	42	625	0.088	ng	96
6) bis(2-Chloroethyl)ether	7.435	93	2284	0.116	ng	99
9) Naphthalene	10.893	128	5811	0.107	ng	97
10) Hexachlorobutadiene	11.181	225	1143	0.111	ng	# 97
12) 2-Methylnaphthalene	12.117	142	793	0.099	ng	# 74
16) Acenaphthylene	14.388	152	4328	0.098	ng	100
17) Acenaphthene	14.730	154	3284	0.102	ng	98
18) Fluorene	15.703	166	3543	0.098	ng	98
20) 4,6-Dinitro-2-methylph...	15.776	198	229	0.067	ng	# 29
21) 4-Bromophenyl-phenylether	16.595	248	1328	0.105	ng	99
22) Hexachlorobenzene	16.719	284	1816	0.109	ng	100
23) Atrazine	16.868	200	842	0.094	ng	# 93
24) Pentachlorophenol	17.054	266	398	0.069	ng	91
25) Phenanthrene	17.452	178	7177	0.101	ng	99
26) Anthracene	17.538	178	5463	0.097	ng	99
28) Fluoranthene	19.469	202	7648	0.101	ng	98
30) Pyrene	19.831	202	7210	0.106	ng	100
32) Benzo(a)anthracene	21.576	228	5711	0.095	ng	98
33) Chrysene	21.629	228	7358	0.109	ng	99
34) Bis(2-ethylhexyl)phtha...	21.495	149	3875	0.153	ng	99
36) Indeno(1,2,3-cd)pyrene	26.627	276	7852	0.106	ng	97
37) Benzo(b)fluoranthene	23.303	252	7226	0.105	ng	# 77
38) Benzo(k)fluoranthene	23.350	252	6542	0.094	ng	# 83
39) Benzo(a)pyrene	23.946	252	6454	0.125	ng	# 63
40) Dibenzo(a,h)anthracene	26.648	278	6152	0.103	ng	92
41) Benzo(g,h,i)perylene	27.420	276	6174	0.097	ng	95

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

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 Misc : LOQ-SOIL-0.1ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 LOQ-SOIL-02-QT4-2022

Quant Time: Dec 10 03:24:14 2022
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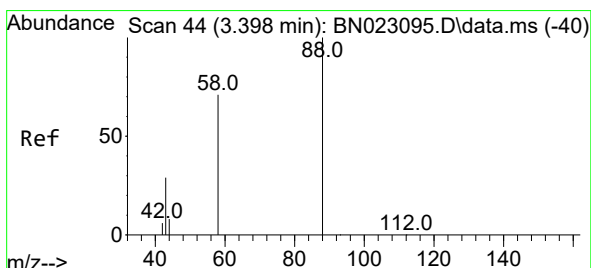
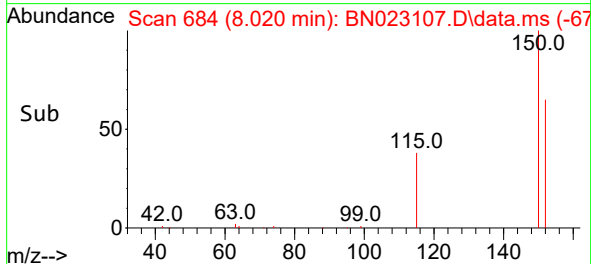
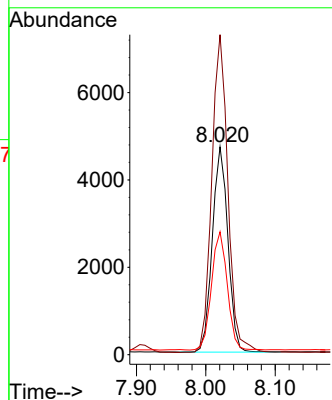
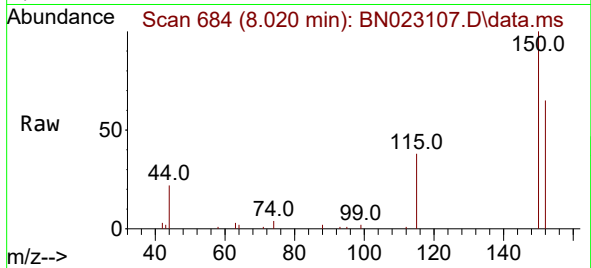




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.020 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN023107.D
 Acq: 09 Dec 2022 15:09

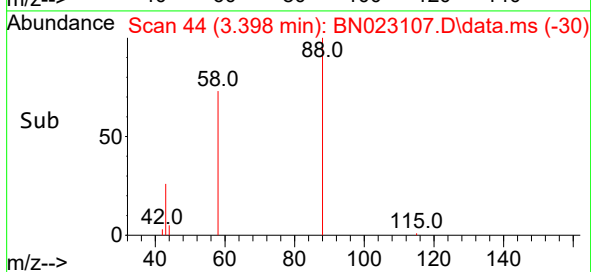
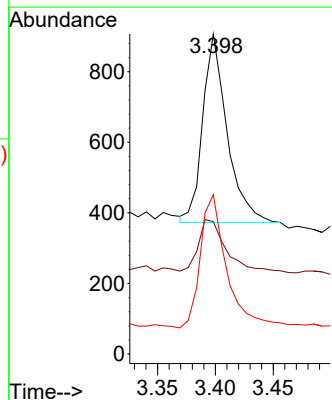
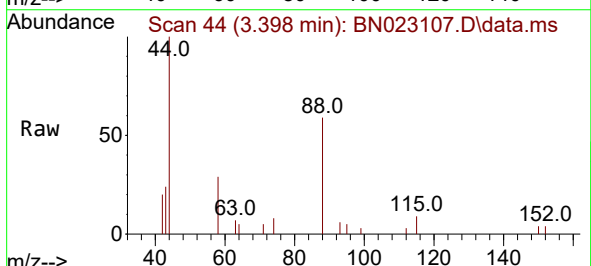
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2022

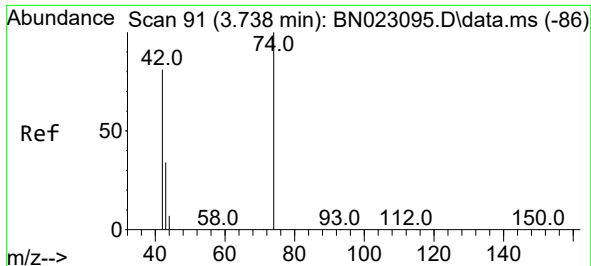
Tgt Ion:152 Resp: 7352
 Ion Ratio Lower Upper
 152 100
 150 153.9 125.6 188.4
 115 59.1 49.0 73.4



#2
 1,4-Dioxane
 Concen: 0.107 ng
 RT: 3.398 min Scan# 44
 Delta R.T. -0.000 min
 Lab File: BN023107.D
 Acq: 09 Dec 2022 15:09

Tgt Ion: 88 Resp: 780
 Ion Ratio Lower Upper
 88 100
 43 29.9 23.3 34.9
 58 76.7 58.0 87.0

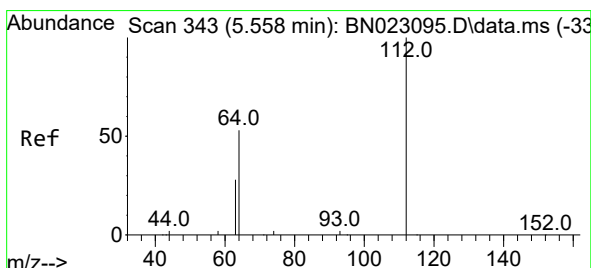
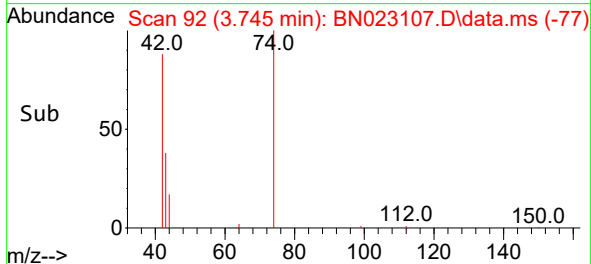
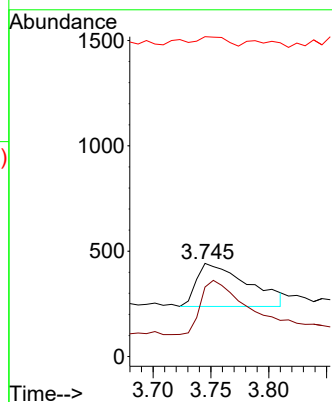
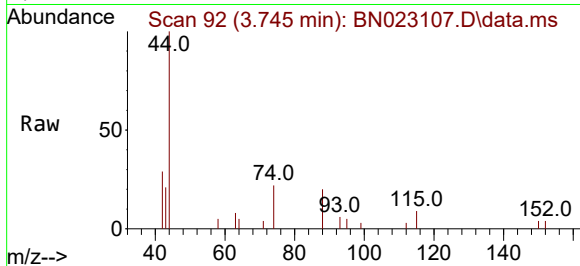




#3
n-Nitrosodimethylamine
Concen: 0.088 ng
RT: 3.745 min Scan# 91
Delta R.T. 0.007 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

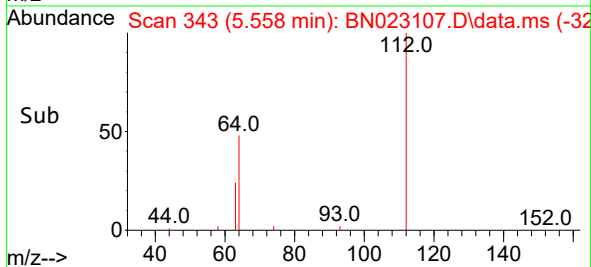
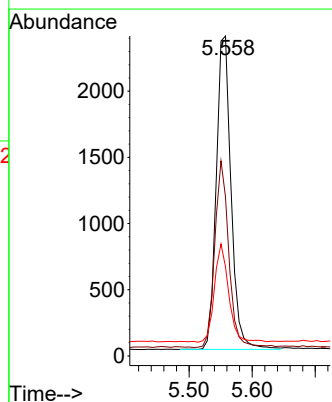
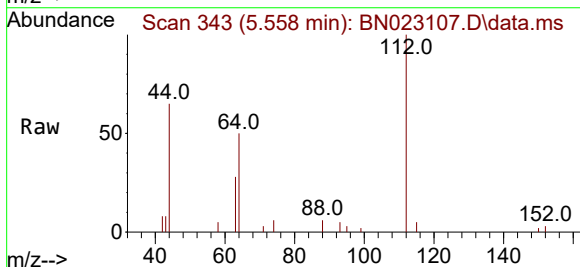
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

Tgt Ion: 42 Resp: 625
Ion Ratio Lower Upper
42 100
74 115.0 95.8 143.6
44 11.8 8.4 12.6



#4
2-Fluorophenol
Concen: 0.283 ng
RT: 5.558 min Scan# 343
Delta R.T. 0.000 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

Tgt Ion: 112 Resp: 3879
Ion Ratio Lower Upper
112 100
64 56.5 44.4 66.6
63 29.9 23.7 35.5

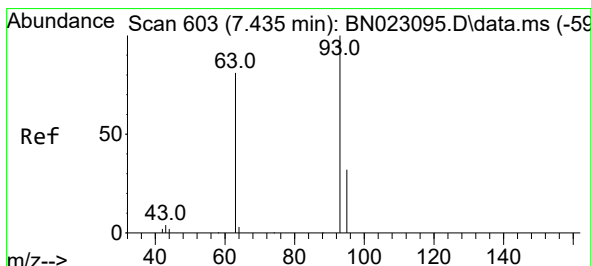
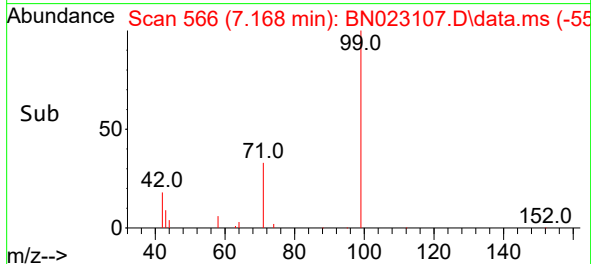
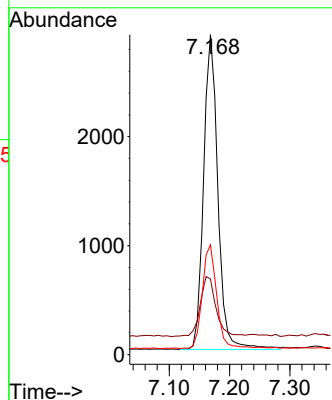
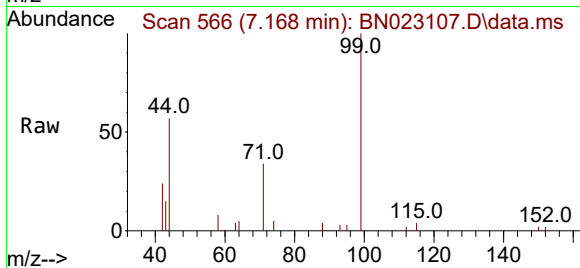




#5
Phenol-d6
Concen: 0.274 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.000 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

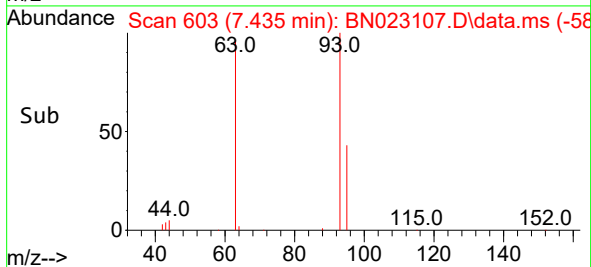
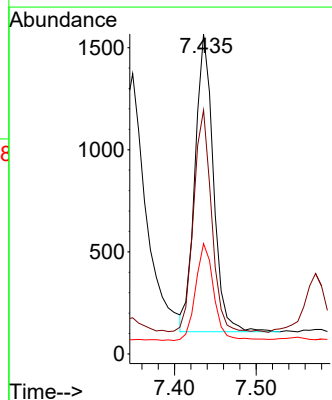
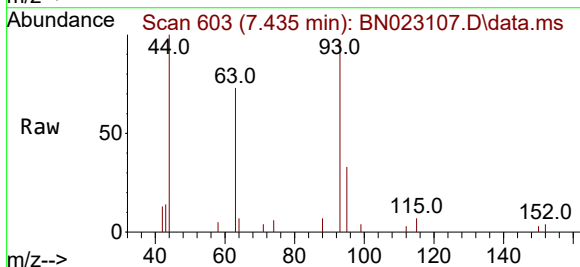
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

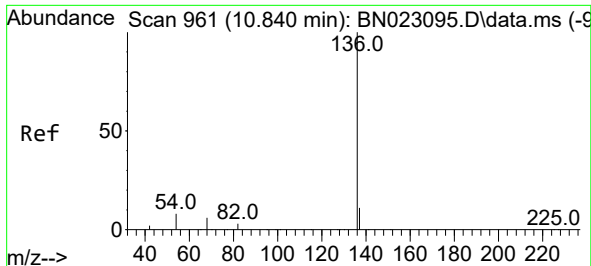
Tgt Ion: 99 Resp: 4763
Ion Ratio Lower Upper
99 100
42 21.1 16.3 24.5
71 33.2 26.5 39.7



#6
bis(2-Chloroethyl)ether
Concen: 0.116 ng
RT: 7.435 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

Tgt Ion: 93 Resp: 2284
Ion Ratio Lower Upper
93 100
63 73.2 58.1 87.1
95 32.4 25.2 37.8

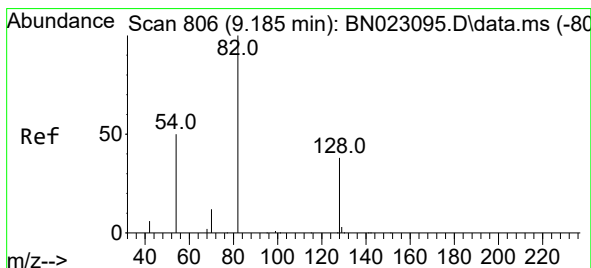
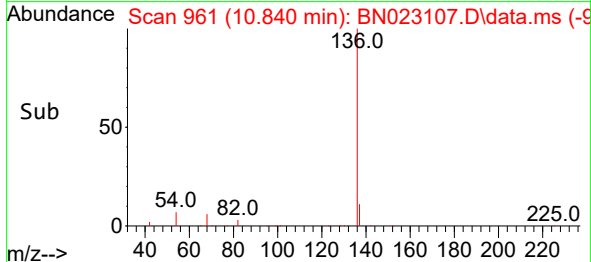
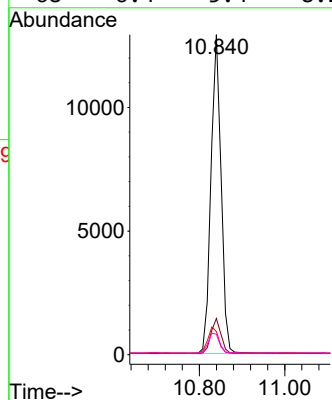
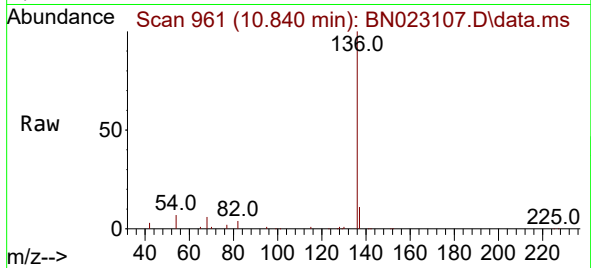




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.840 min Scan# 961
Delta R.T. 0.000 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

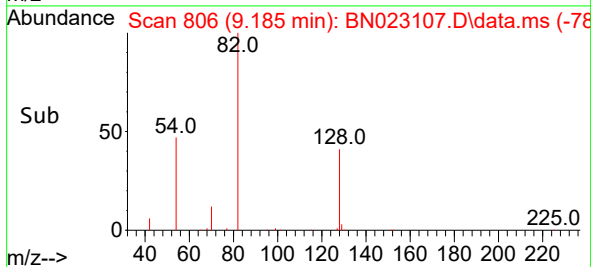
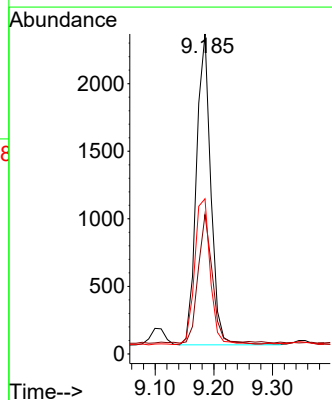
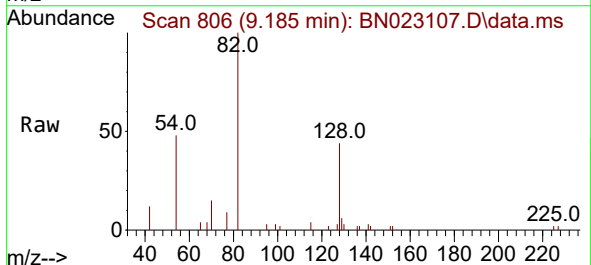
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

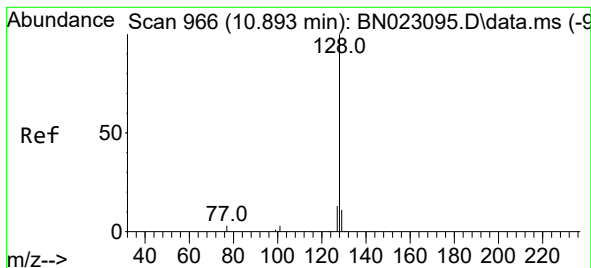
Tgt Ion:	136	Resp:	21225
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.2	6.5	9.7
68	6.4	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.282 ng
RT: 9.185 min Scan# 806
Delta R.T. -0.000 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

Tgt Ion:	82	Resp:	3939
Ion	Ratio	Lower	Upper
82	100		
128	43.6	31.4	47.2
54	48.5	41.0	61.4





#9

Naphthalene

Concen: 0.107 ng

RT: 10.893 min Scan# 966

Delta R.T. 0.000 min

Lab File: BN023107.D

Acq: 09 Dec 2022 15:09

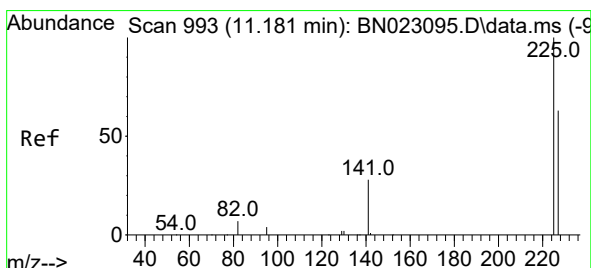
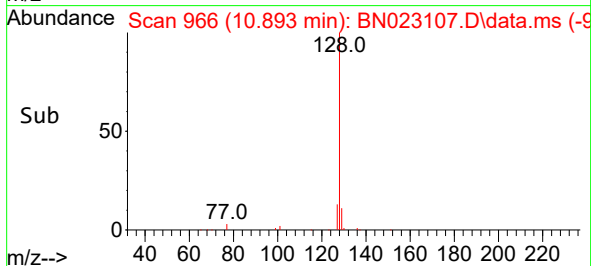
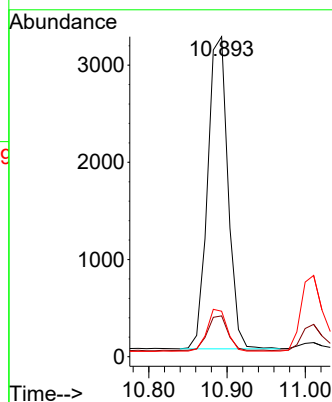
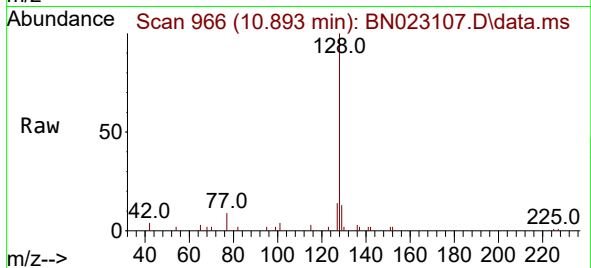
Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2022

Tgt Ion:	128	Resp:	5811
Ion Ratio	Lower	Upper	
128	100		
129	12.7	9.0	13.6
127	14.2	10.5	15.7



#10

Hexachlorobutadiene

Concen: 0.111 ng

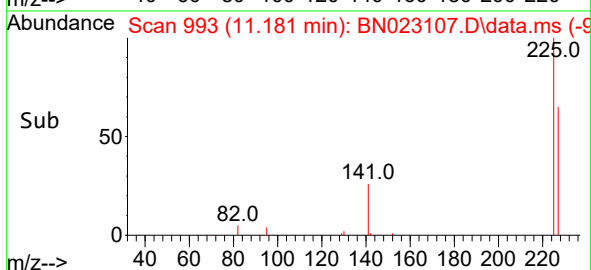
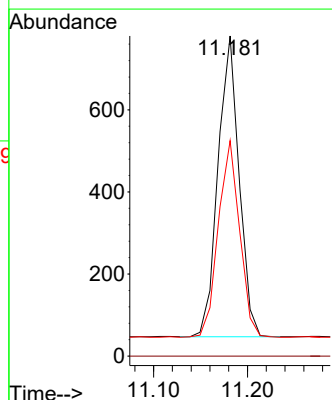
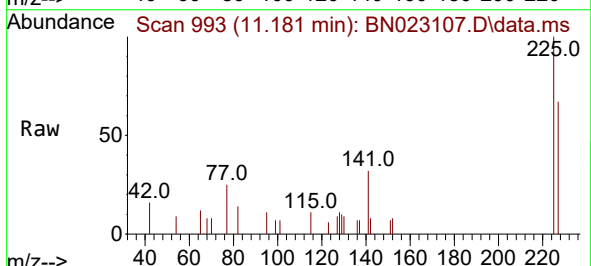
RT: 11.181 min Scan# 993

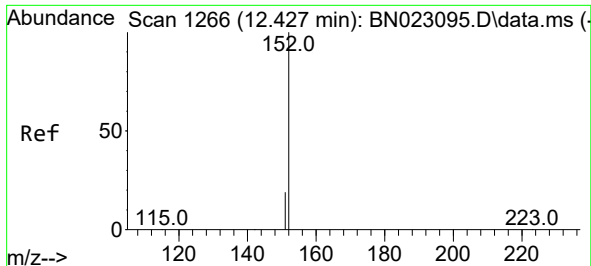
Delta R.T. -0.000 min

Lab File: BN023107.D

Acq: 09 Dec 2022 15:09

Tgt Ion:	225	Resp:	1143
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	66.1	51.1	76.7

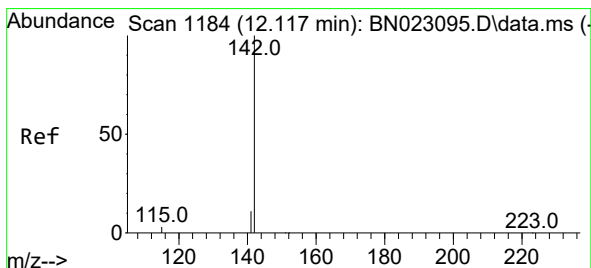
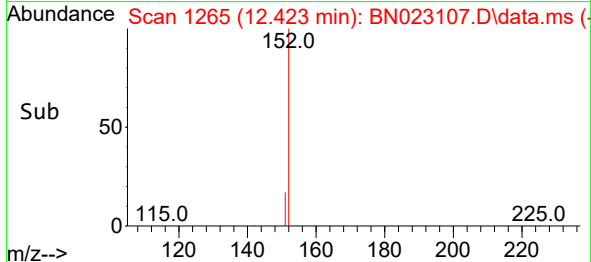
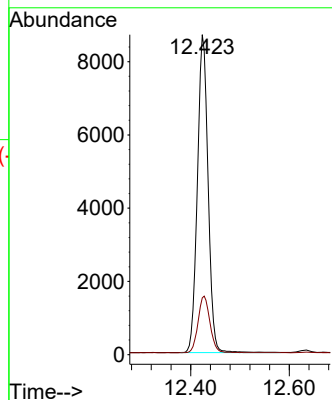
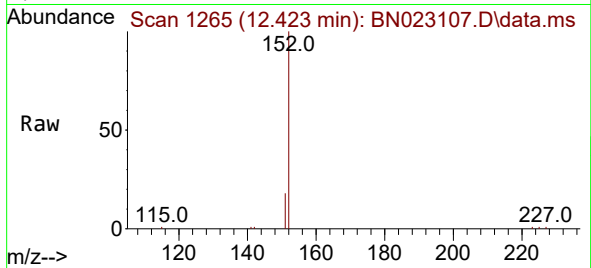




#11
2-Methylnaphthalene-d10
Concen: 0.474 ng
RT: 12.423 min Scan# 1184
Delta R.T. -0.004 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

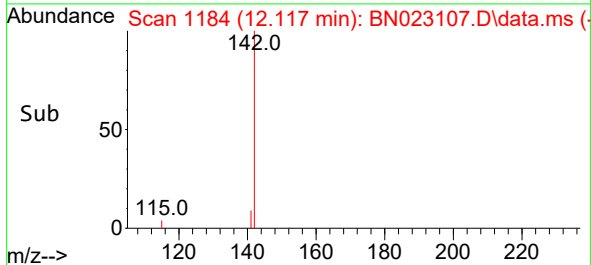
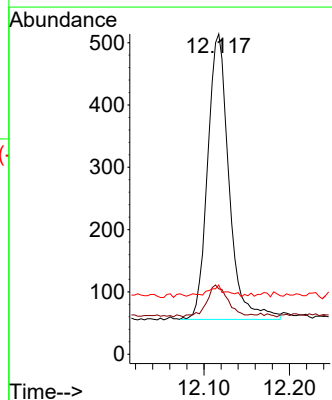
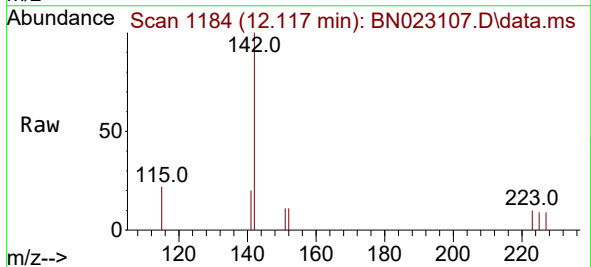
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BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

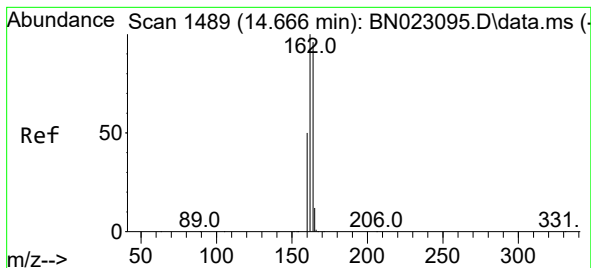
Tgt Ion:152 Resp: 17046
Ion Ratio Lower Upper
152 100
151 15.2 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.099 ng
RT: 12.117 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

Tgt Ion:142 Resp: 793
Ion Ratio Lower Upper
142 100
141 20.4 10.9 16.3#
115 21.6 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: BN023107.D

Acq: 09 Dec 2022 15:09

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2022

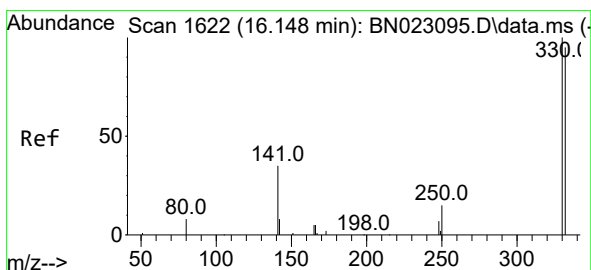
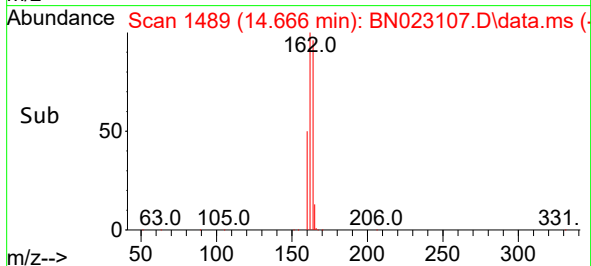
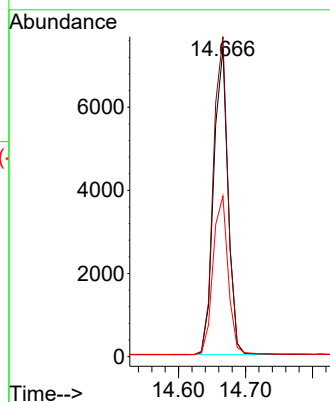
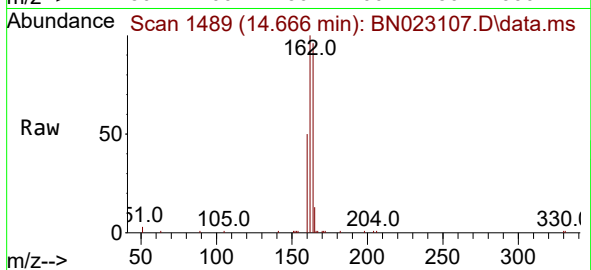
Tgt Ion:164 Resp: 10919

Ion Ratio Lower Upper

164 100

162 104.0 83.4 125.0

160 52.2 41.8 62.8



#14

2,4,6-Tribromophenol

Concen: 0.253 ng

RT: 16.148 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BN023107.D

Acq: 09 Dec 2022 15:09

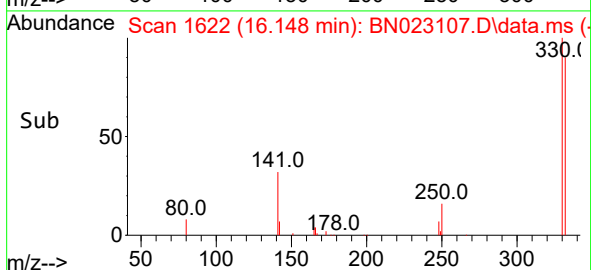
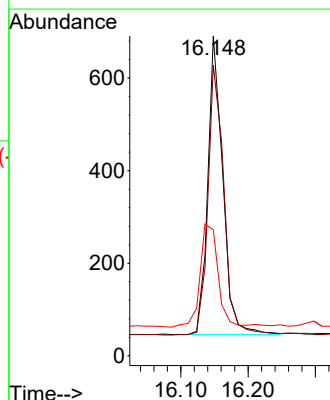
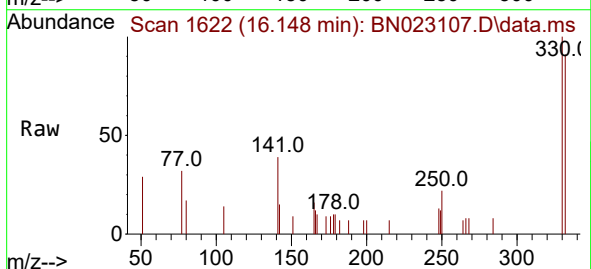
Tgt Ion:330 Resp: 1002

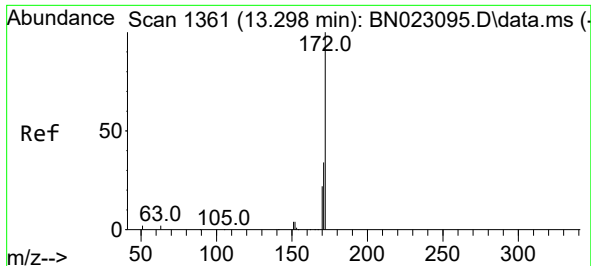
Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 41.3 33.5 50.3

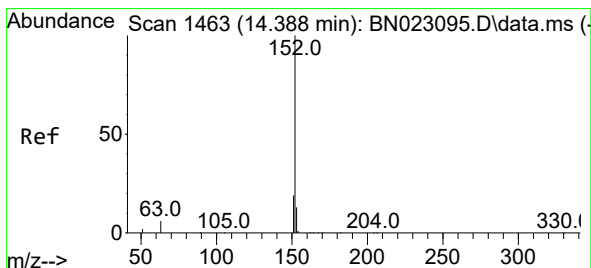
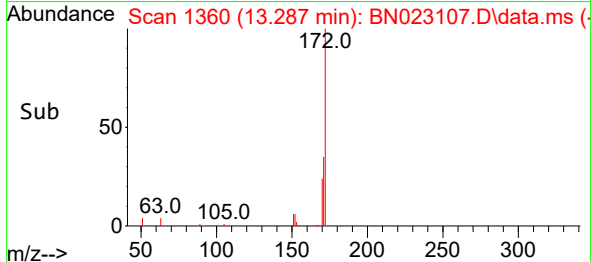
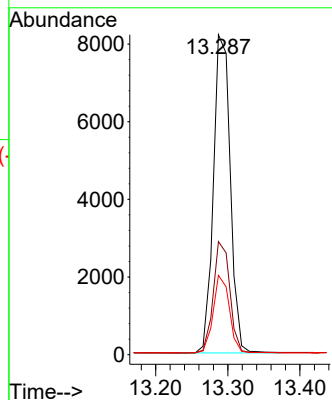
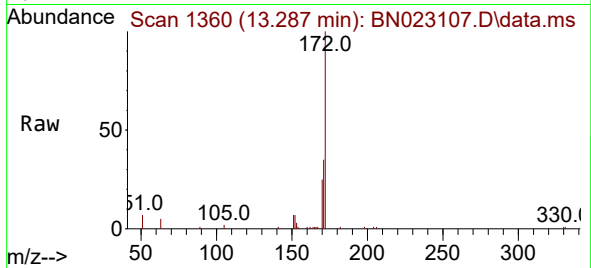




#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 13.287 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

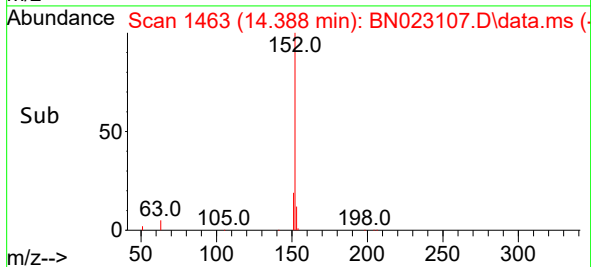
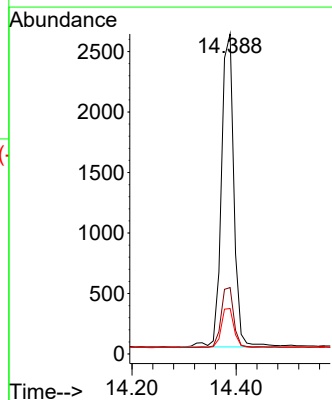
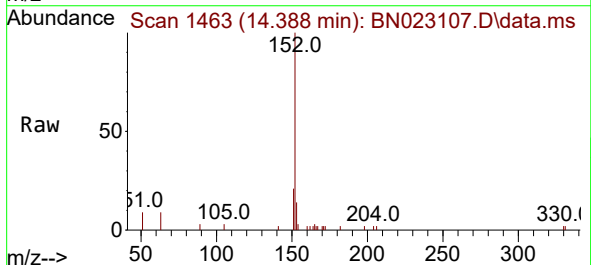
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

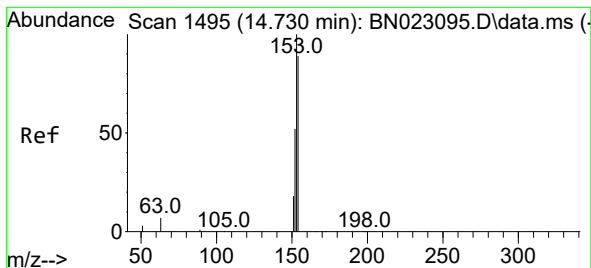
Tgt Ion:172 Resp: 13308
Ion Ratio Lower Upper
172 100
171 35.3 27.4 41.0
170 24.8 17.9 26.9



#16
Acenaphthylene
Concen: 0.098 ng
RT: 14.388 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

Tgt Ion:152 Resp: 4328
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.2
153 12.9 10.3 15.5





#17

Acenaphthene

Concen: 0.102 ng

RT: 14.730 min Scan# 1495

Delta R.T. 0.000 min

Lab File: BN023107.D

Acq: 09 Dec 2022 15:09

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2022

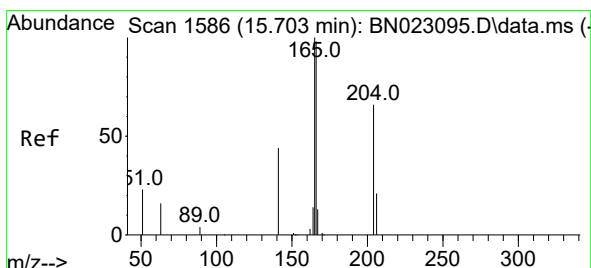
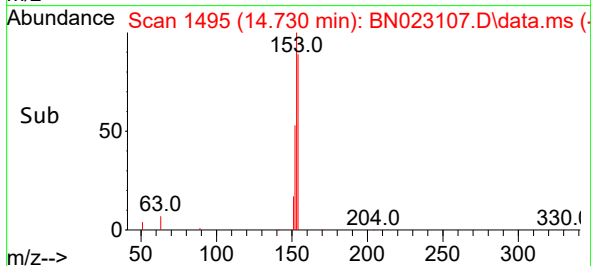
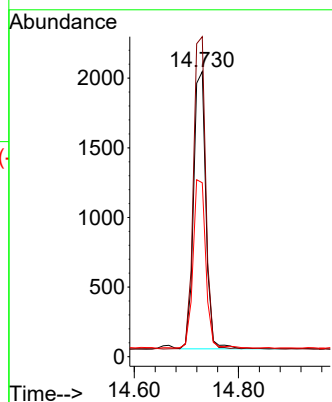
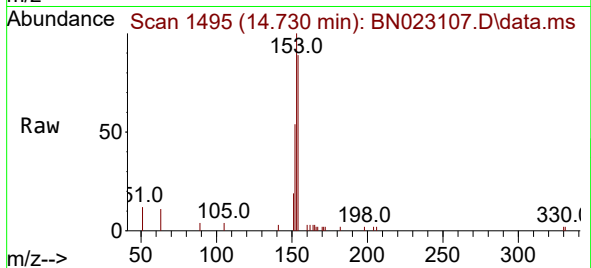
Tgt Ion:154 Resp: 3284

Ion Ratio Lower Upper

154 100

153 112.1 88.6 132.8

152 62.1 48.1 72.1



#18

Fluorene

Concen: 0.098 ng

RT: 15.703 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BN023107.D

Acq: 09 Dec 2022 15:09

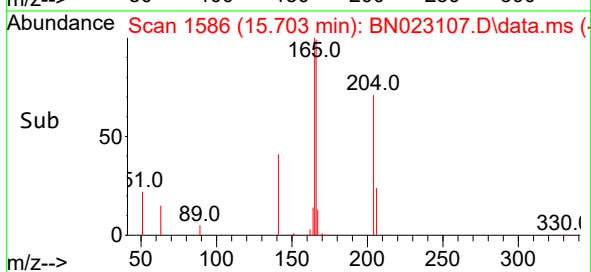
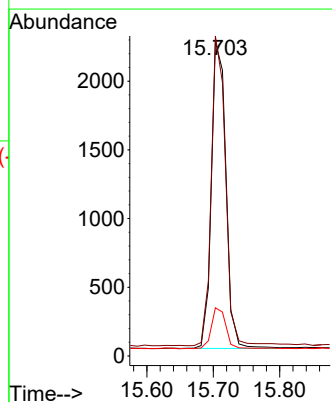
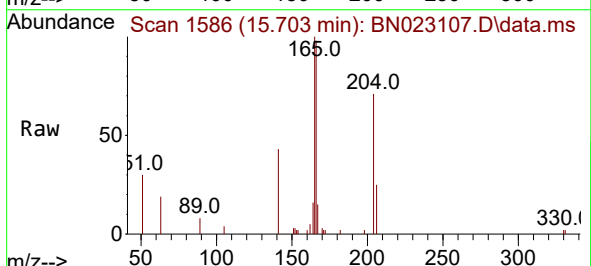
Tgt Ion:166 Resp: 3543

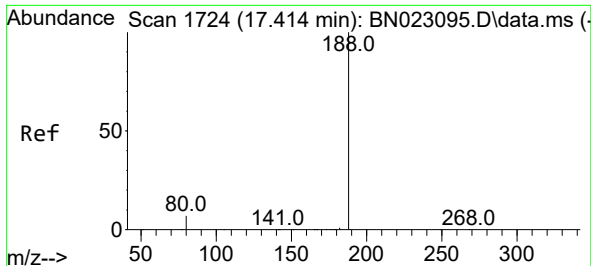
Ion Ratio Lower Upper

166 100

165 101.9 79.8 119.6

167 13.9 10.6 16.0

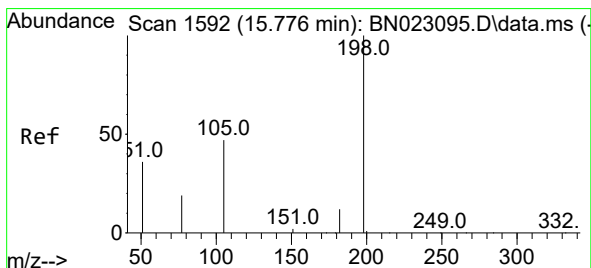
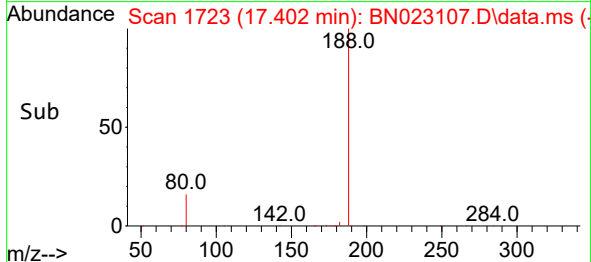
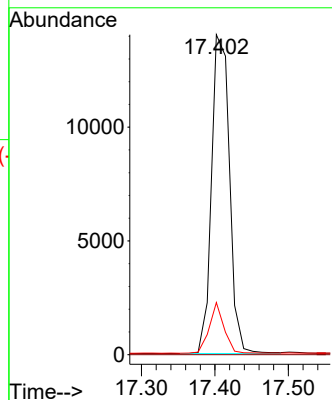
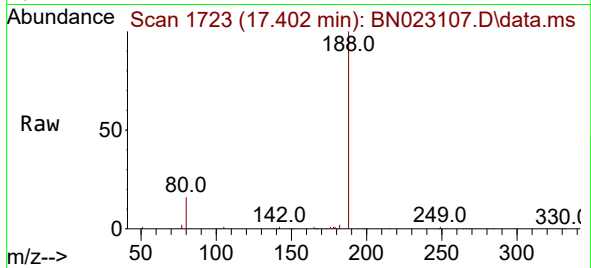




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.402 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

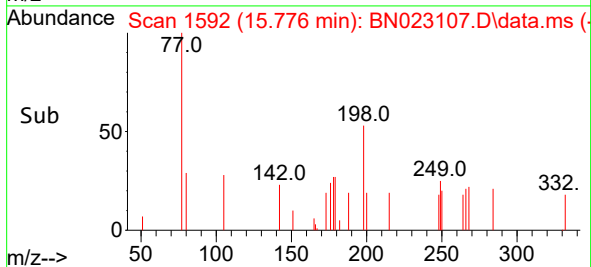
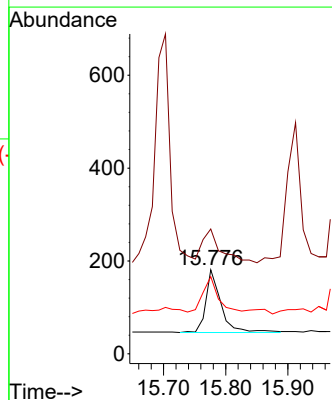
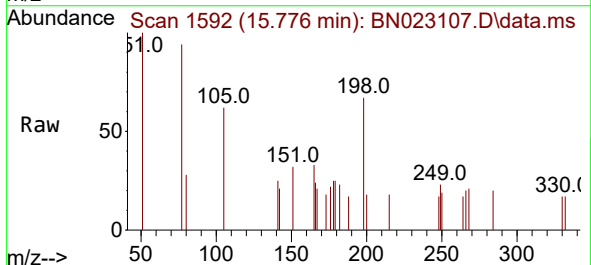
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

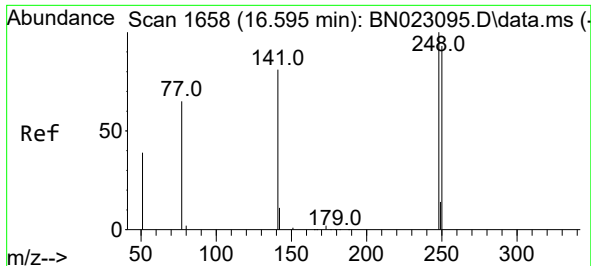
Tgt Ion:188 Resp: 23810
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.3 6.1 9.1#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.067 ng
RT: 15.776 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

Tgt Ion:198 Resp: 229
Ion Ratio Lower Upper
198 100
51 148.6 57.0 85.4#
105 91.7 47.2 70.8#

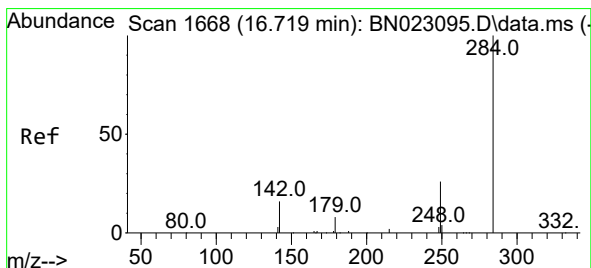
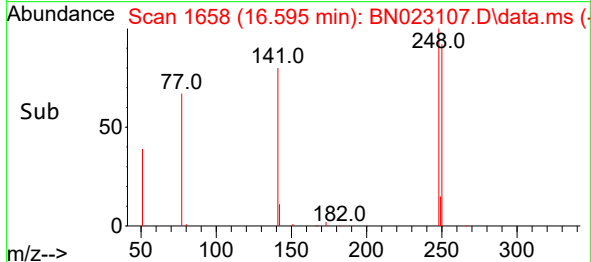
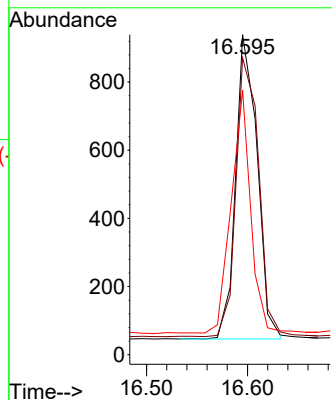
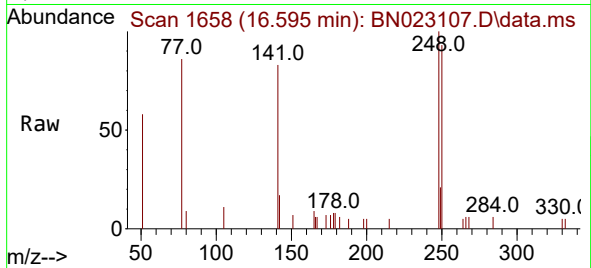




#21
4-Bromophenyl-phenylether
Concen: 0.105 ng
RT: 16.595 min Scan# 1658
Delta R.T. 0.000 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

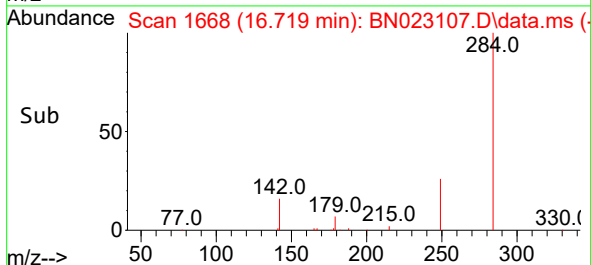
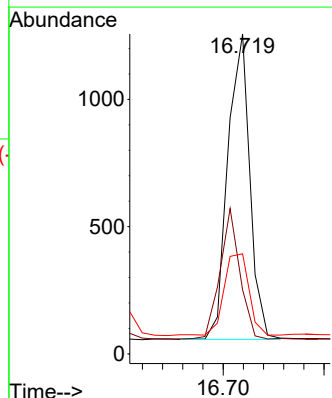
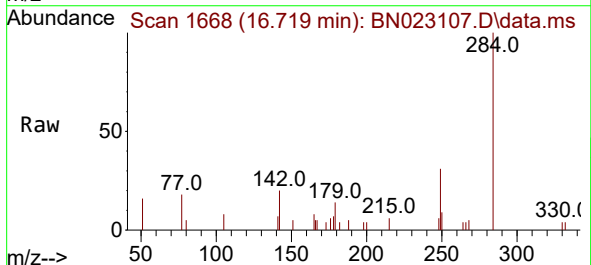
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

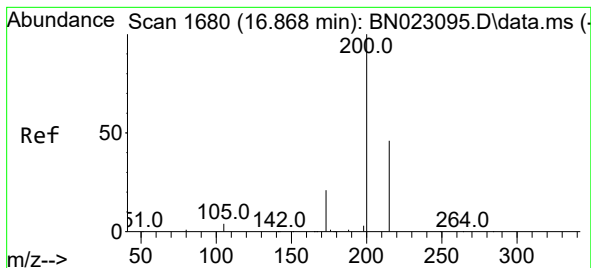
Tgt Ion:248 Resp: 1328
Ion Ratio Lower Upper
248 100
250 92.8 74.3 111.5
141 82.6 65.0 97.6



#22
Hexachlorobenzene
Concen: 0.109 ng
RT: 16.719 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

Tgt Ion:284 Resp: 1816
Ion Ratio Lower Upper
284 100
142 38.5 31.0 46.4
249 30.5 24.4 36.6





#23

Atrazine

Concen: 0.094 ng

RT: 16.868 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BN023107.D

Acq: 09 Dec 2022 15:09

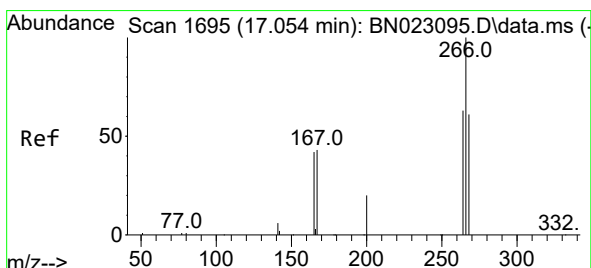
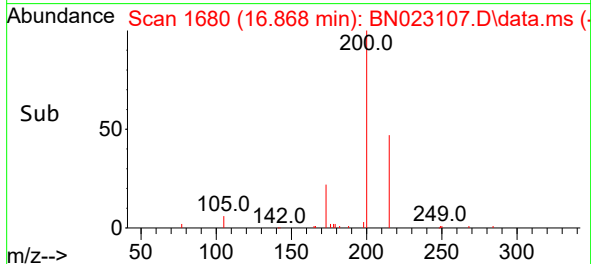
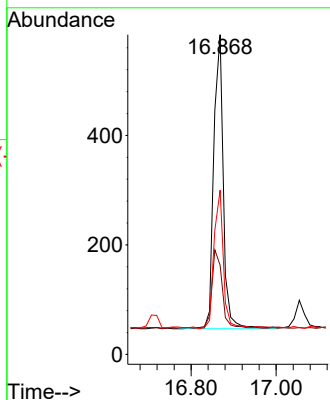
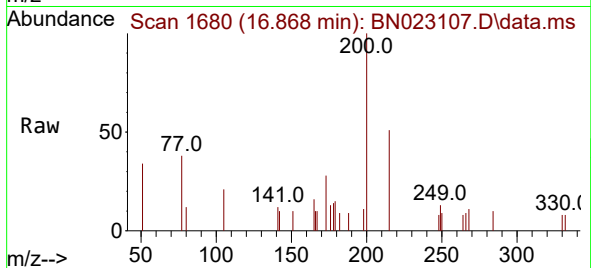
Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2022

Tgt Ion:	200	Resp:	842
Ion Ratio	Lower	Upper	
200	100		
173	27.9	18.2	27.4#
215	51.4	38.0	57.0



#24

Pentachlorophenol

Concen: 0.069 ng

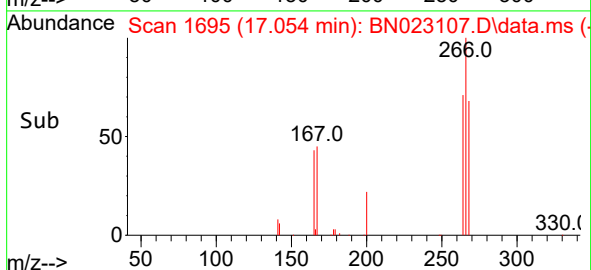
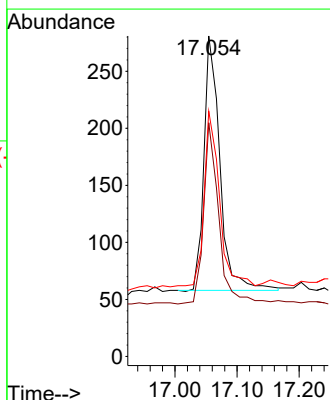
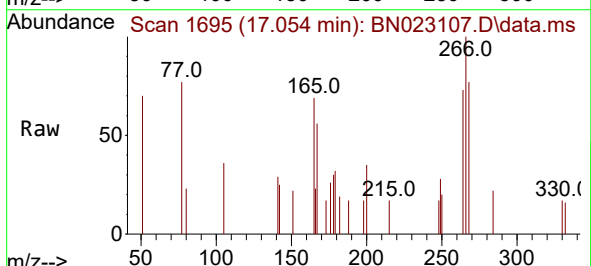
RT: 17.054 min Scan# 1695

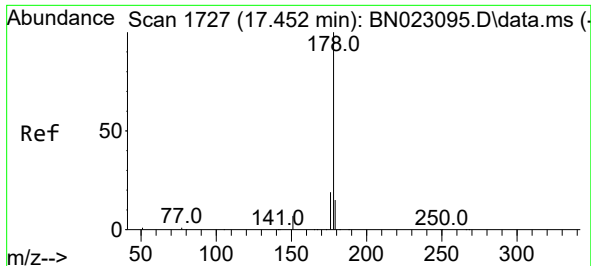
Delta R.T. 0.000 min

Lab File: BN023107.D

Acq: 09 Dec 2022 15:09

Tgt Ion:	266	Resp:	398
Ion Ratio	Lower	Upper	
266	100		
264	68.8	50.1	75.1
268	69.3	49.7	74.5

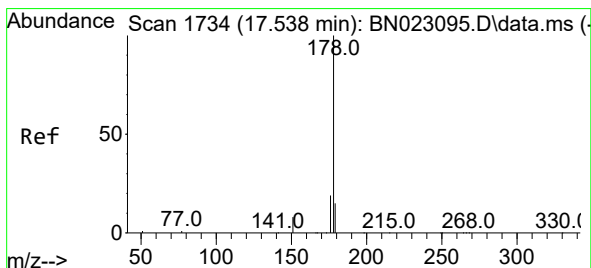
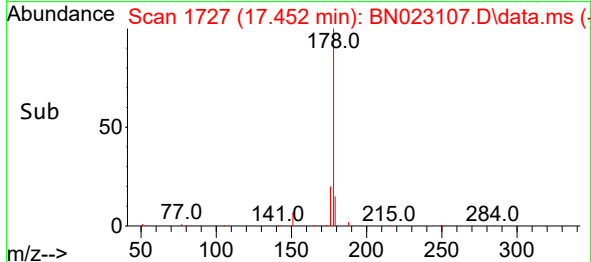
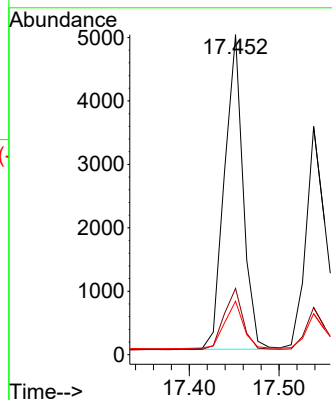
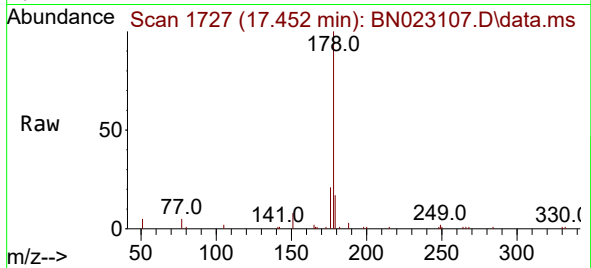




#25
Phenanthrene
Concen: 0.101 ng
RT: 17.452 min Scan# 1727
Delta R.T. 0.000 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

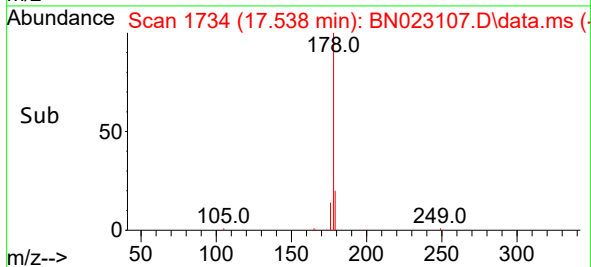
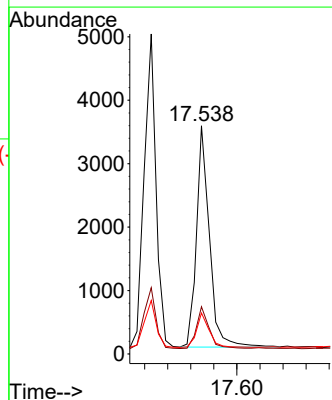
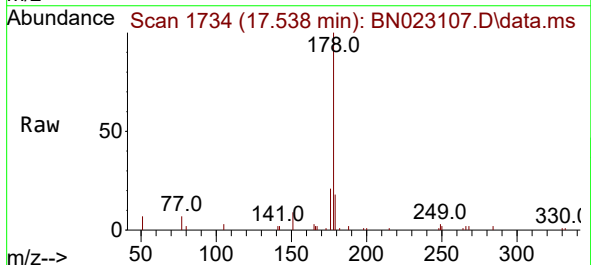
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

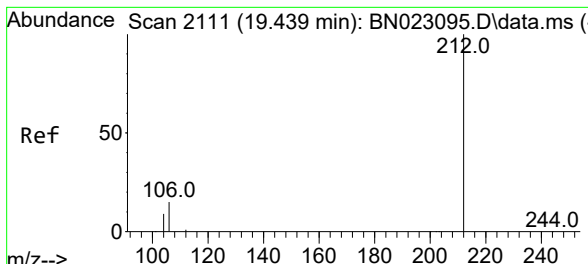
Tgt Ion:178 Resp: 7177
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.2
179 15.5 12.2 18.2



#26
Anthracene
Concen: 0.097 ng
RT: 17.538 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

Tgt Ion:178 Resp: 5463
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 15.1 12.2 18.4

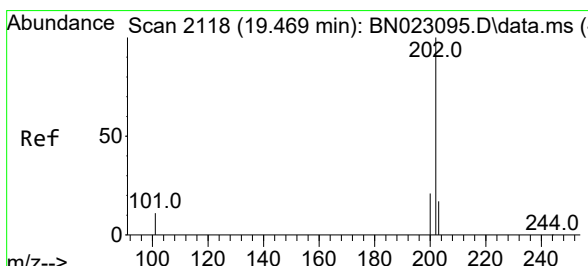
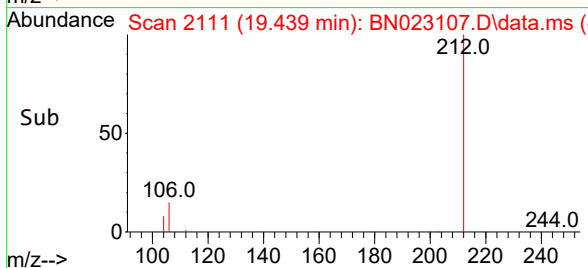
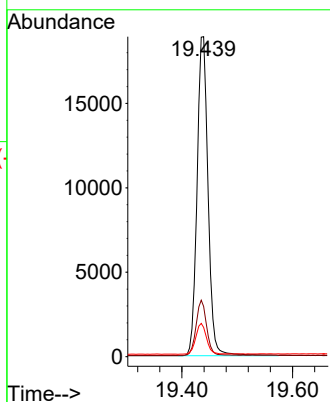
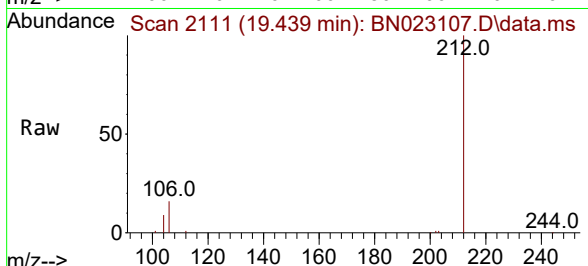




#27
Fluoranthene-d10
Concen: 0.468 ng
RT: 19.439 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

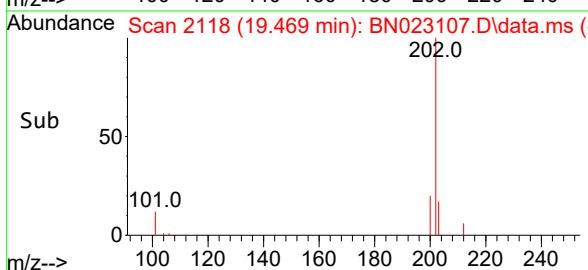
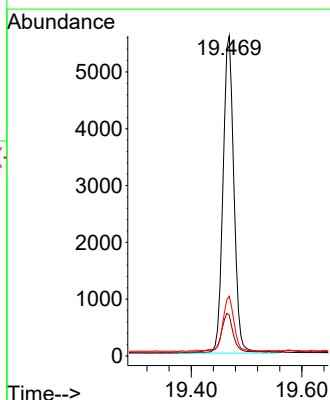
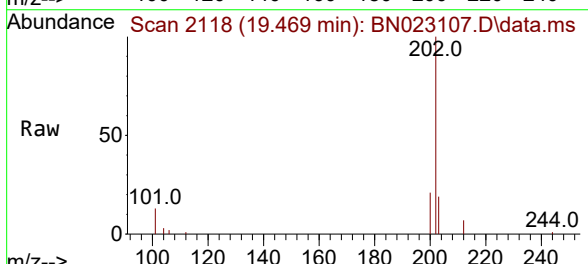
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

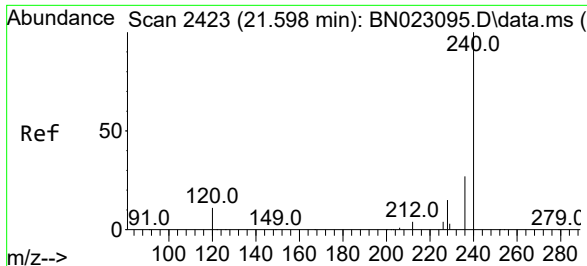
Tgt Ion:212 Resp: 26073
Ion Ratio Lower Upper
212 100
106 16.6 13.0 19.4
104 9.5 7.5 11.3



#28
Fluoranthene
Concen: 0.101 ng
RT: 19.469 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

Tgt Ion:202 Resp: 7648
Ion Ratio Lower Upper
202 100
101 13.7 9.7 14.5
203 17.1 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.593 min Scan# 2423

Delta R.T. -0.005 min

Lab File: BN023107.D

Acq: 09 Dec 2022 15:09

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2022

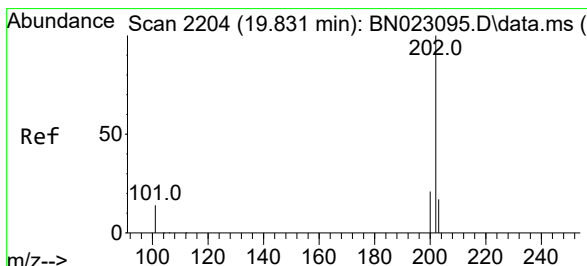
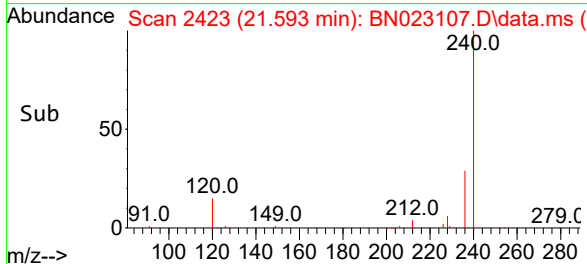
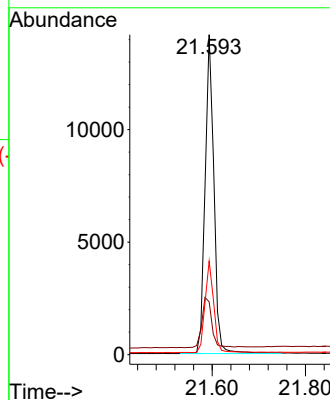
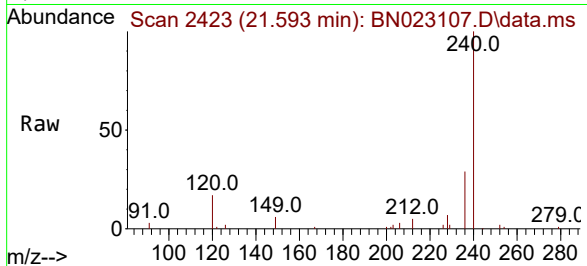
Tgt Ion:240 Resp: 18644

Ion Ratio Lower Upper

240 100

120 16.5 10.1 15.1#

236 29.3 22.2 33.4



#30

Pyrene

Concen: 0.106 ng

RT: 19.831 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BN023107.D

Acq: 09 Dec 2022 15:09

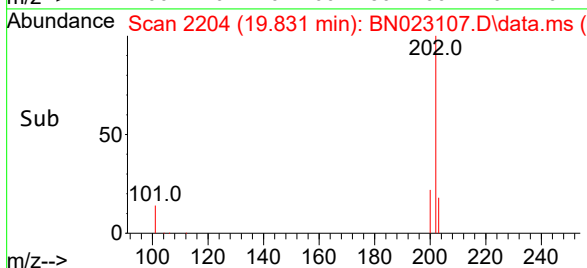
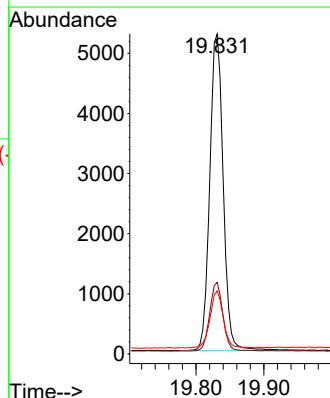
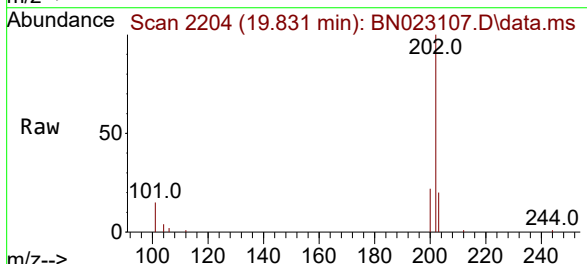
Tgt Ion:202 Resp: 7210

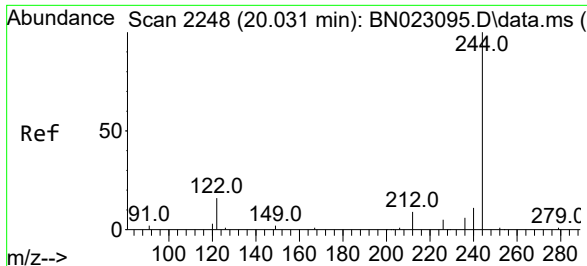
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.8 14.2 21.4

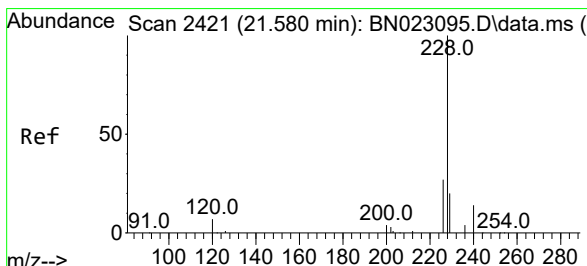
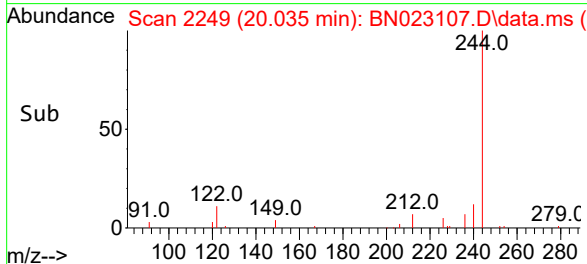
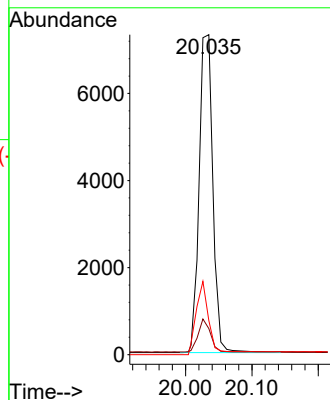
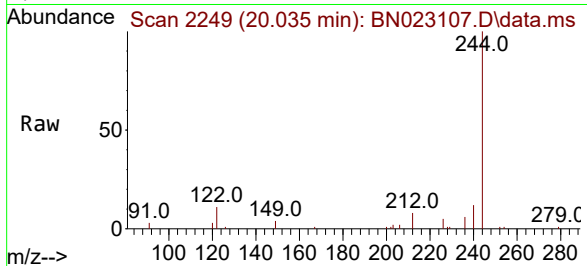




#31
 Terphenyl-d14
 Concen: 0.308 ng
 RT: 20.035 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN023107.D
 Acq: 09 Dec 2022 15:09

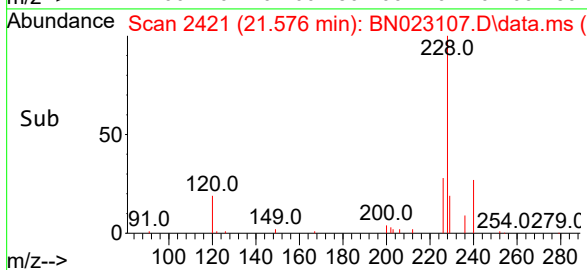
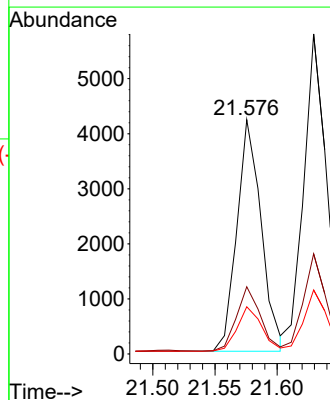
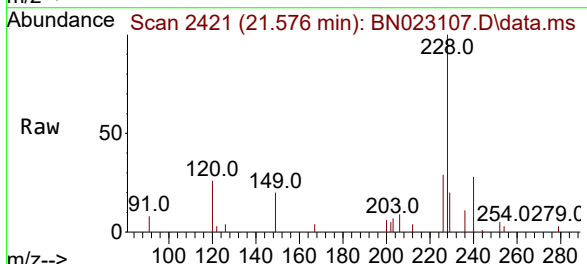
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2022

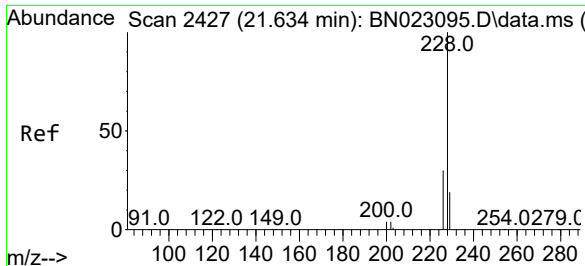
Tgt Ion:244 Resp: 9337
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.6 11.4
 122 10.7 12.6 18.8#



#32
 Benzo(a)anthracene
 Concen: 0.095 ng
 RT: 21.576 min Scan# 2421
 Delta R.T. -0.005 min
 Lab File: BN023107.D
 Acq: 09 Dec 2022 15:09

Tgt Ion:228 Resp: 5711
 Ion Ratio Lower Upper
 228 100
 226 28.7 22.0 33.0
 229 20.2 15.8 23.8





#33

Chrysene

Concen: 0.109 ng

RT: 21.629 min Scan# 2427

Delta R.T. -0.005 min

Lab File: BN023107.D

Acq: 09 Dec 2022 15:09

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2022

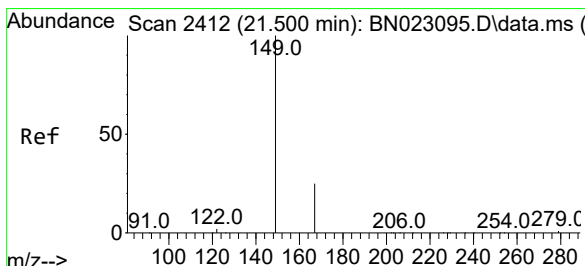
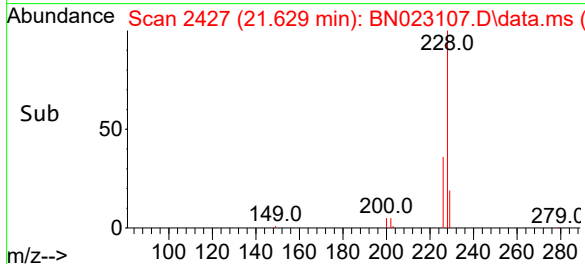
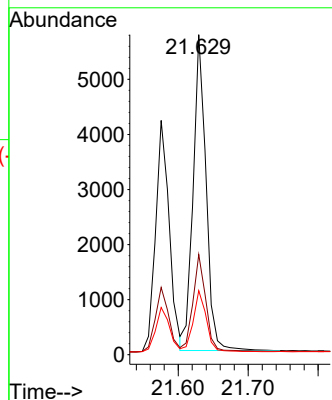
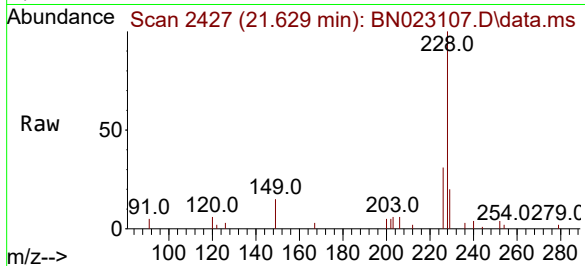
Tgt Ion:228 Resp: 7358

Ion Ratio Lower Upper

228 100

226 31.3 24.4 36.6

229 20.0 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.153 ng

RT: 21.495 min Scan# 2412

Delta R.T. -0.005 min

Lab File: BN023107.D

Acq: 09 Dec 2022 15:09

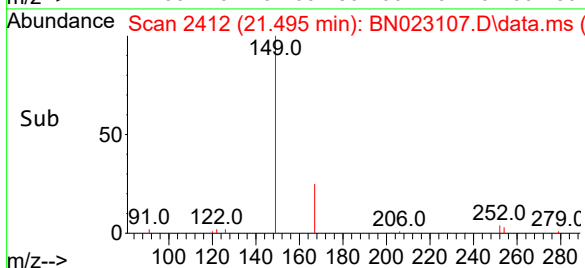
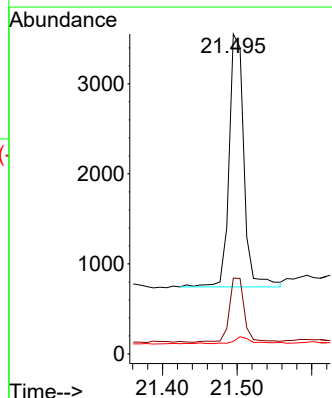
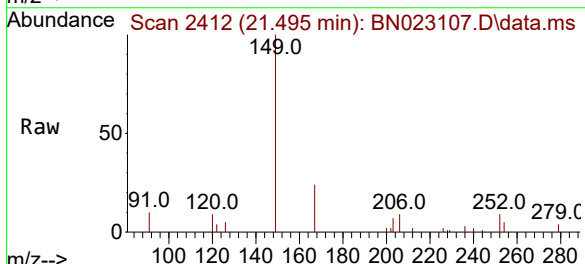
Tgt Ion:149 Resp: 3875

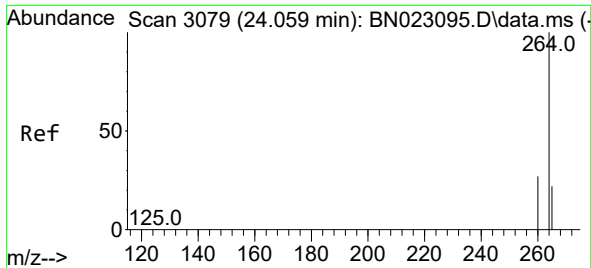
Ion Ratio Lower Upper

149 100

167 25.9 20.2 30.2

279 2.8 2.3 3.5

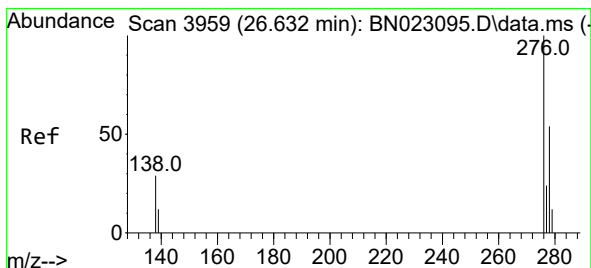
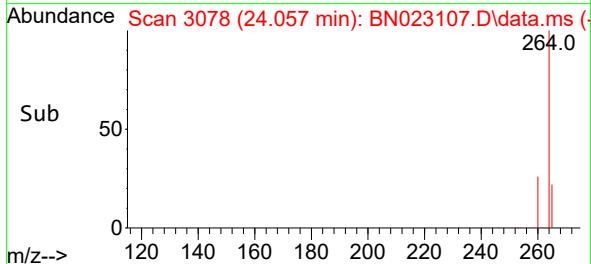
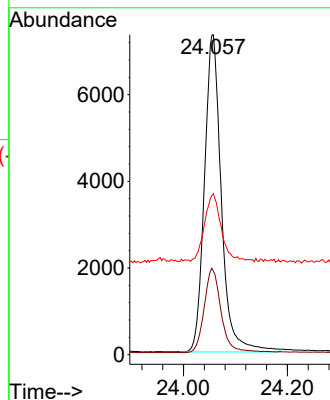
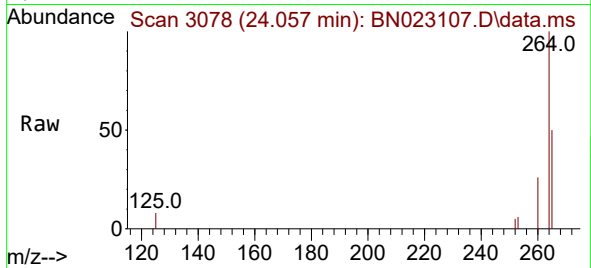




#35
Perylene-d12
Concen: 0.400 ng
RT: 24.057 min Scan# 3078
Delta R.T. -0.002 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

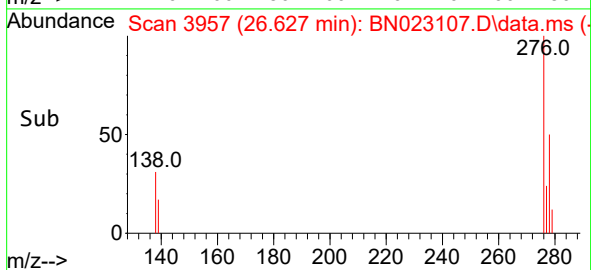
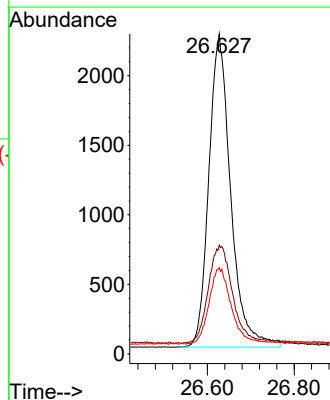
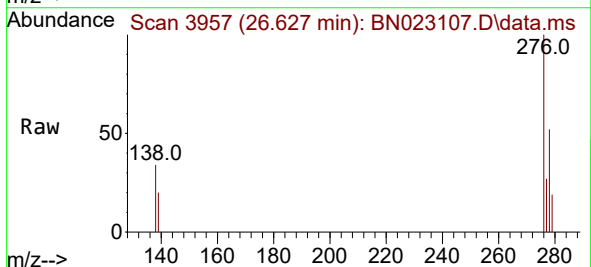
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

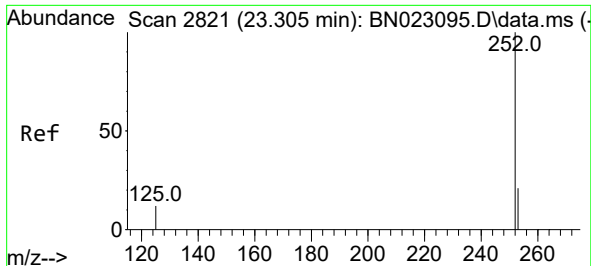
Tgt Ion:264	Resp:	16545
Ion Ratio	Lower	Upper
264	100	
260	26.1	21.7 32.5
265	50.3	43.2 64.8



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.106 ng
RT: 26.627 min Scan# 3957
Delta R.T. -0.005 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

Tgt Ion:276	Resp:	7852
Ion Ratio	Lower	Upper
276	100	
138	34.4	25.0 37.6
277	25.0	19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.105 ng

RT: 23.303 min Scan# 21

Delta R.T. -0.002 min

Lab File: BN023107.D

Acq: 09 Dec 2022 15:09

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2022

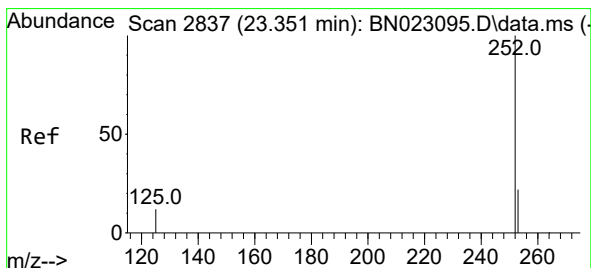
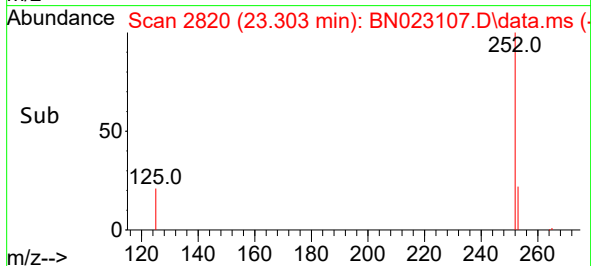
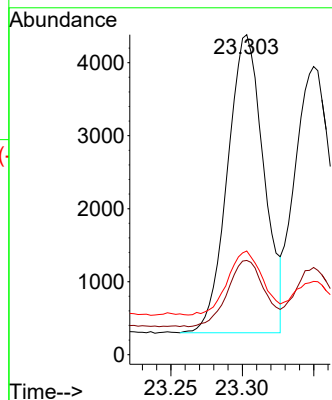
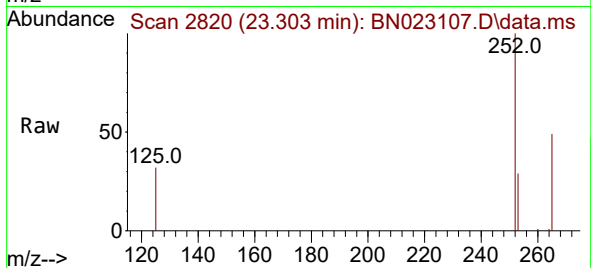
Tgt Ion:252 Resp: 7226

Ion Ratio Lower Upper

252 100

253 29.4 19.0 28.4#

125 32.4 12.8 19.2#



#38

Benzo(k)fluoranthene

Concen: 0.094 ng

RT: 23.350 min Scan# 2836

Delta R.T. -0.002 min

Lab File: BN023107.D

Acq: 09 Dec 2022 15:09

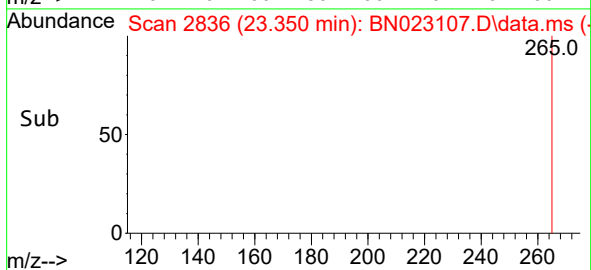
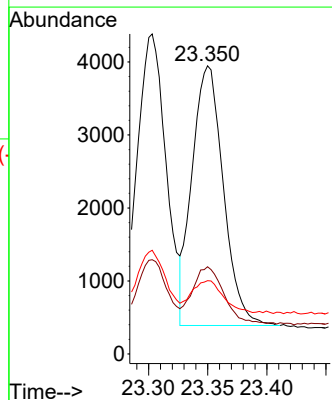
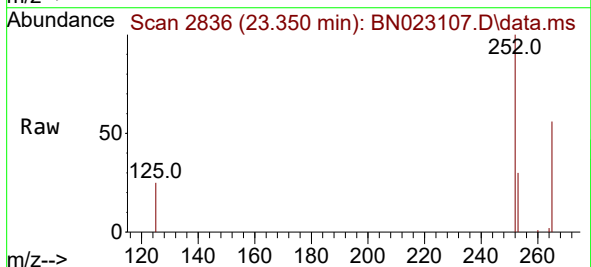
Tgt Ion:252 Resp: 6542

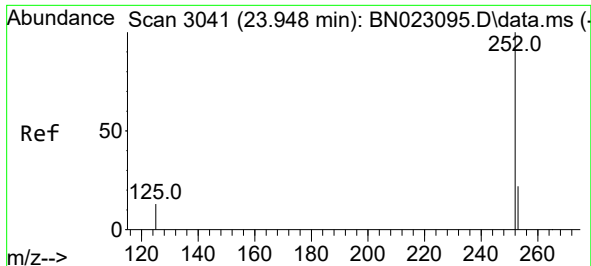
Ion Ratio Lower Upper

252 100

253 30.2 19.1 28.7#

125 25.4 12.5 18.7#

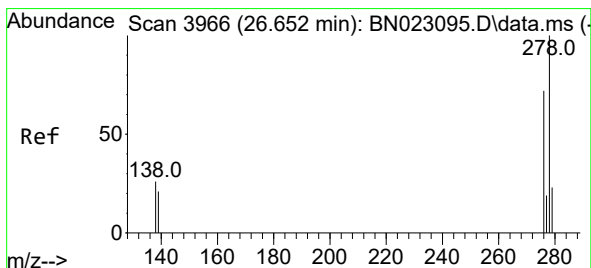
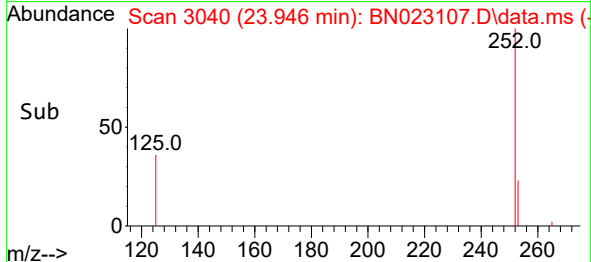
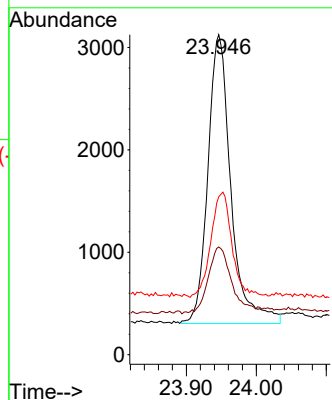
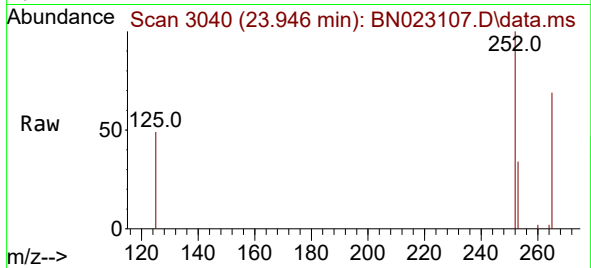




#39
Benzo(a)pyrene
Concen: 0.125 ng
RT: 23.946 min Scan# 3041
Delta R.T. -0.002 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

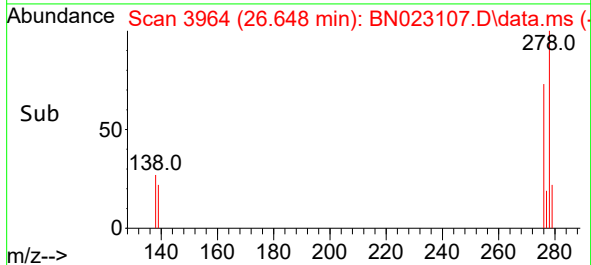
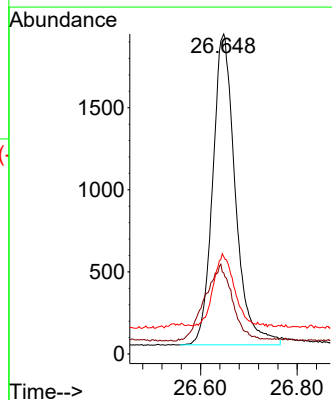
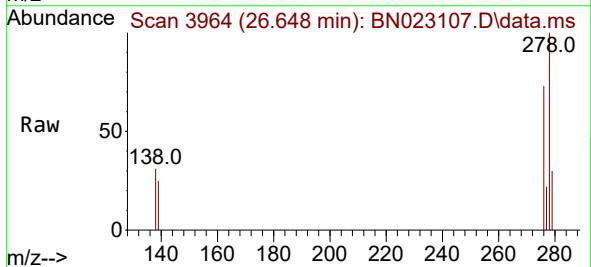
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2022

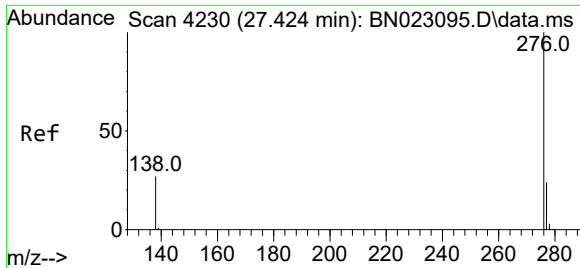
Tgt Ion:252 Resp: 6454
Ion Ratio Lower Upper
252 100
253 33.6 20.6 30.8#
125 49.3 15.8 23.8#



#40
Dibenzo(a,h)anthracene
Concen: 0.103 ng
RT: 26.648 min Scan# 3964
Delta R.T. -0.005 min
Lab File: BN023107.D
Acq: 09 Dec 2022 15:09

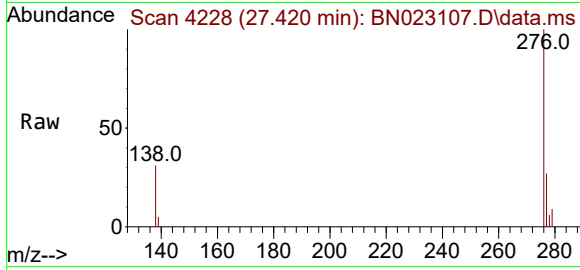
Tgt Ion:278 Resp: 6152
Ion Ratio Lower Upper
278 100
139 25.3 17.5 26.3
279 30.4 20.5 30.7





#41
 Benzo(g,h,i)perylene
 Concen: 0.097 ng
 RT: 27.420 min Scan# 41
 Delta R.T. -0.005 min
 Lab File: BN023107.D
 Acq: 09 Dec 2022 15:09

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



Tgt Ion:	276	Resp:	6174
Ion Ratio	Lower	Upper	
276	100		
277	27.3	19.9	29.9
138	30.8	22.2	33.2

