

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
 Data File : BN023682.D
 Acq On : 17 Jan 2023 15:08
 Operator : CG/JU
 Sample : N3980-02
 Misc : LOQ-SOIL 0.1ng
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

Quant Time: Jan 18 05:35:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 05:31:53 2023
 Response via : Initial Calibration

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

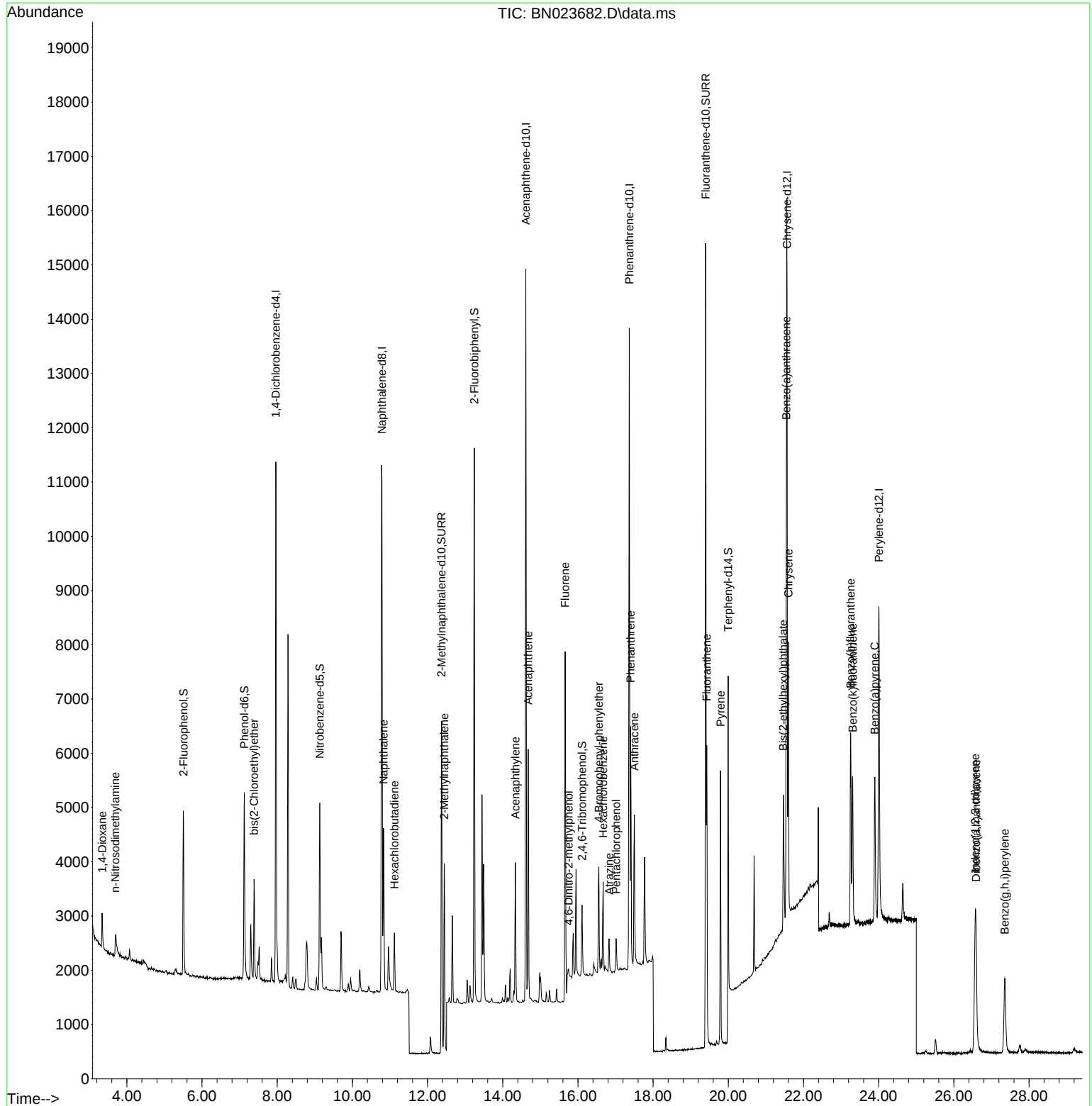
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	4716	0.400	ng	0.01
7) Naphthalene-d8	10.786	136	13719	0.400	ng	0.02
13) Acenaphthene-d10	14.613	164	7311	0.400	ng	0.01
19) Phenanthrene-d10	17.365	188	15308	0.400	ng	# 0.01
29) Chrysene-d12	21.562	240	11654	0.400	ng	0.02
35) Perylene-d12	24.006	264	8839	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.507	112	2612	0.279	ng	0.01
5) Phenol-d6	7.125	99	3315	0.275	ng	0.02
8) Nitrobenzene-d5	9.131	82	2810	0.272	ng	0.02
11) 2-Methylnaphthalene-d10	12.371	152	8256	0.436	ng	0.02
14) 2,4,6-Tribromophenol	16.111	330	772	0.244	ng	0.01
15) 2-Fluorobiphenyl	13.244	172	8646	0.293	ng	0.02
27) Fluoranthene-d10	19.397	212	16335	0.436	ng	0.00
31) Terphenyl-d14	19.996	244	9774	0.331	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	438	0.104	ng	95
3) n-Nitrosodimethylamine	3.694	42	397	0.084	ng	# 98
6) bis(2-Chloroethyl)ether	7.385	93	1420	0.112	ng	98
9) Naphthalene	10.829	128	3718	0.102	ng	96
10) Hexachlorobutadiene	11.117	225	796	0.108	ng	# 99
12) 2-Methylnaphthalene	12.446	142	2921	0.112	ng	98
16) Acenaphthylene	14.335	152	2787	0.094	ng	100
17) Acenaphthene	14.677	154	2088	0.097	ng	97
18) Fluorene	15.660	166	2875	0.099	ng	95
20) 4,6-Dinitro-2-methylph...	15.751	198	132	0.079	ng	# 5
21) 4-Bromophenyl-phenylether	16.558	248	863	0.099	ng	92
22) Hexachlorobenzene	16.670	284	1203	0.110	ng	98
23) Atrazine	16.831	200	566	0.094	ng	# 89
24) Pentachlorophenol	17.017	266	322	0.085	ng	98
25) Phenanthrene	17.402	178	4496	0.100	ng	99
26) Anthracene	17.501	178	3384	0.094	ng	99
28) Fluoranthene	19.426	202	4702	0.093	ng	98
30) Pyrene	19.793	202	4580	0.103	ng	100
32) Benzo(a)anthracene	21.544	228	3757	0.100	ng	98
33) Chrysene	21.598	228	4399	0.106	ng	98
34) Bis(2-ethylhexyl)phtha...	21.464	149	2045	0.116	ng	99
36) Indeno(1,2,3-cd)pyrene	26.568	276	3909	0.099	ng	97
37) Benzo(b)fluoranthene	23.255	252	4275	0.113	ng	# 71
38) Benzo(k)fluoranthene	23.308	252	3813	0.104	ng	# 76
39) Benzo(a)pyrene	23.895	252	3519	0.124	ng	# 52
40) Dibenzo(a,h)anthracene	26.591	278	3087	0.097	ng	# 84
41) Benzo(g,h,i)perylene	27.357	276	3174	0.098	ng	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
Data File : BN023682.D
Acq On : 17 Jan 2023 15:08
Operator : CG/JU
Sample : N3980-02
Misc : LOQ-SOIL 0.1ng
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

Quant Time: Jan 18 05:35:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 05:31:53 2023
Response via : Initial Calibration

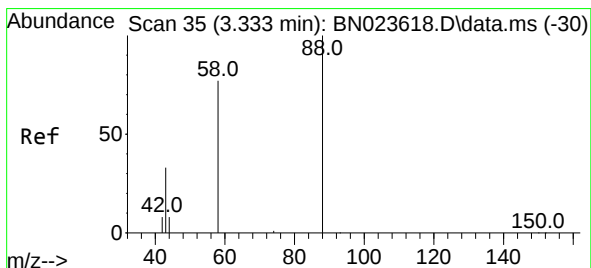
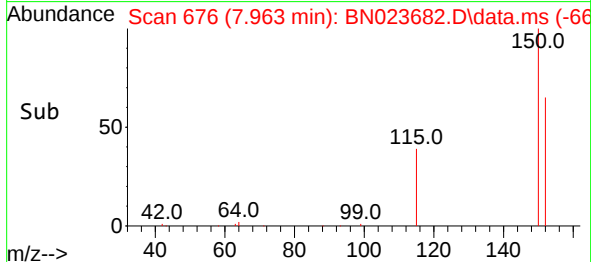
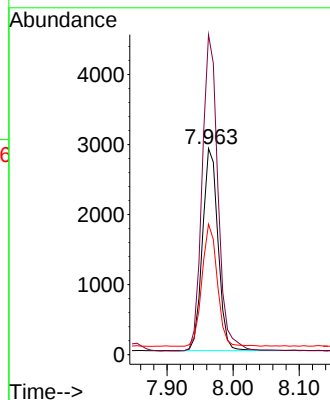
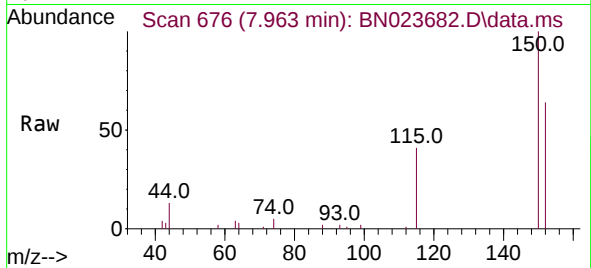




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.963 min Scan# 61
Delta R.T. 0.015 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

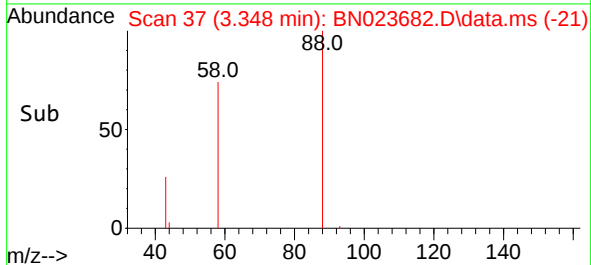
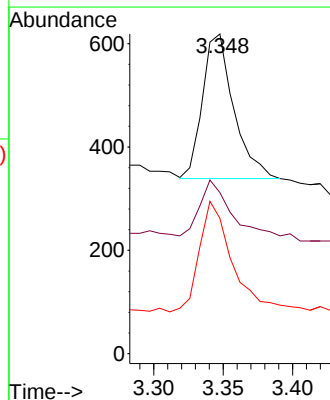
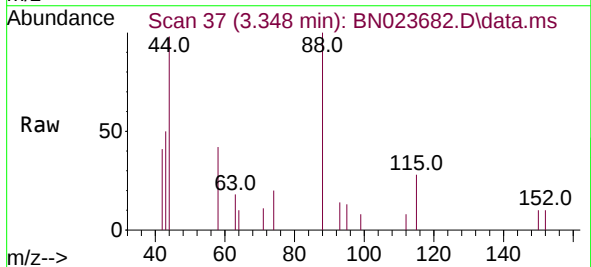
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

Tgt Ion:152 Resp: 4716
Ion Ratio Lower Upper
152 100
150 155.2 123.8 185.8
115 63.3 50.6 75.8



#2
1,4-Dioxane
Concen: 0.104 ng
RT: 3.348 min Scan# 37
Delta R.T. 0.014 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

Tgt Ion: 88 Resp: 438
Ion Ratio Lower Upper
88 100
43 36.5 26.2 39.2
58 79.5 60.6 90.8

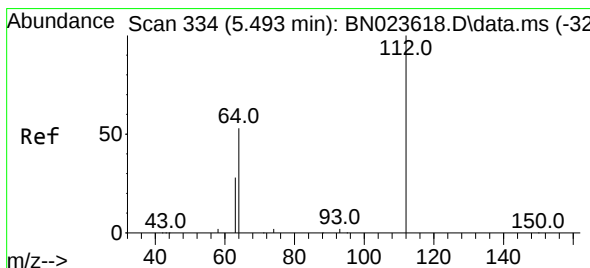
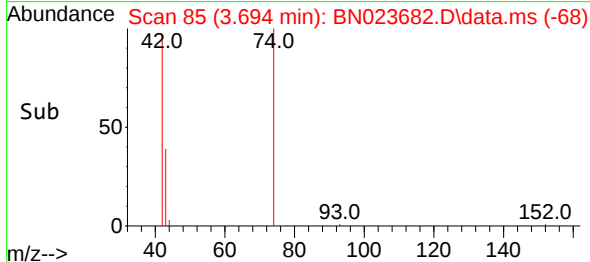
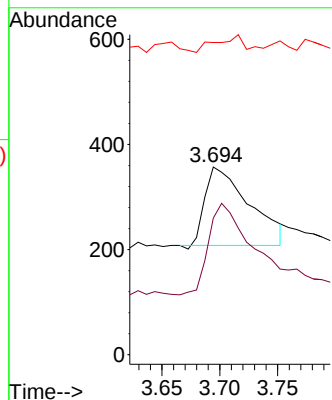
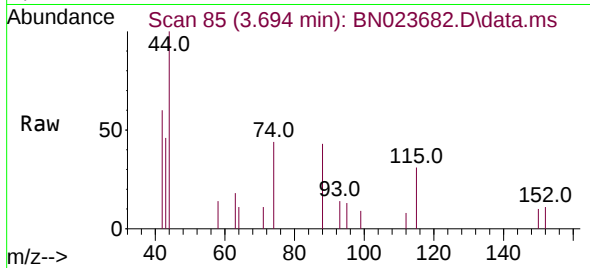




#3
n-Nitrosodimethylamine
Concen: 0.084 ng
RT: 3.694 min Scan# 81
Delta R.T. 0.022 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

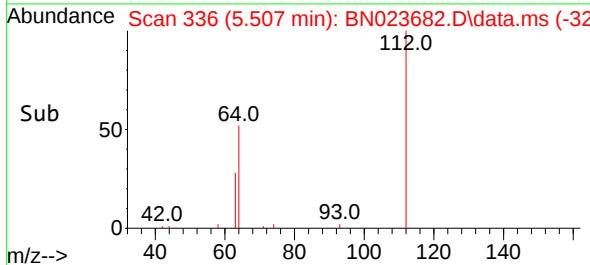
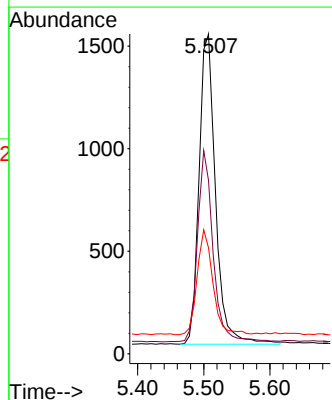
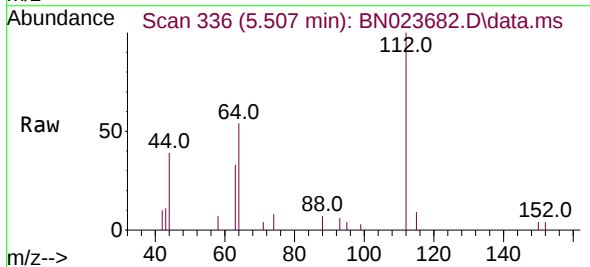
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

Tgt Ion: 42 Resp: 397
Ion Ratio Lower Upper
42 100
74 116.1 92.1 138.1
44 0.0 5.4 8.0#



#4
2-Fluorophenol
Concen: 0.279 ng
RT: 5.507 min Scan# 336
Delta R.T. 0.014 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

Tgt Ion: 112 Resp: 2612
Ion Ratio Lower Upper
112 100
64 58.0 44.9 67.3
63 32.4 24.9 37.3

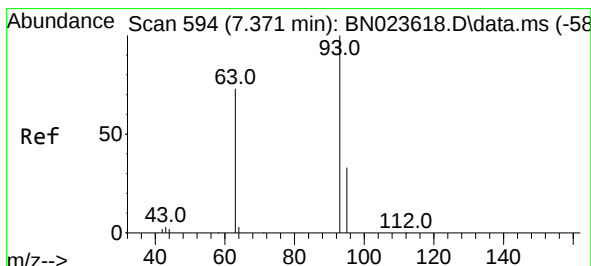
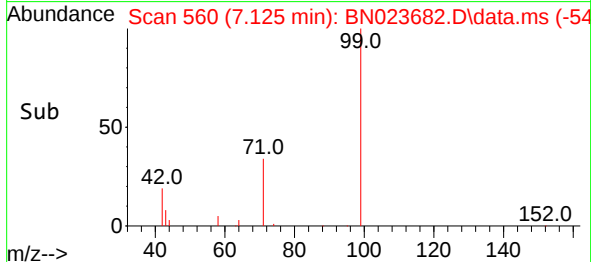
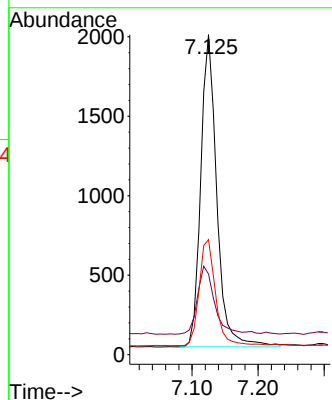
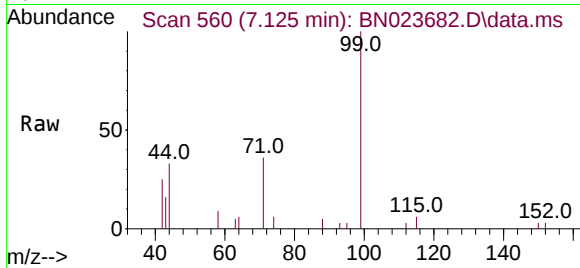




#5
Phenol-d6
Concen: 0.275 ng
RT: 7.125 min Scan# 50
Delta R.T. 0.022 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

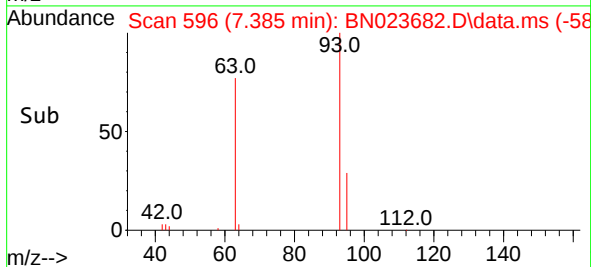
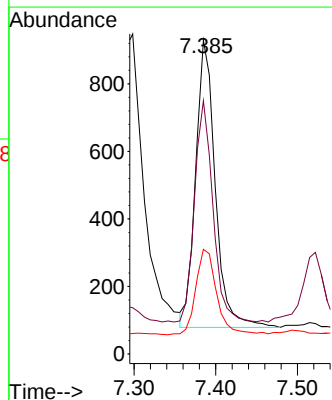
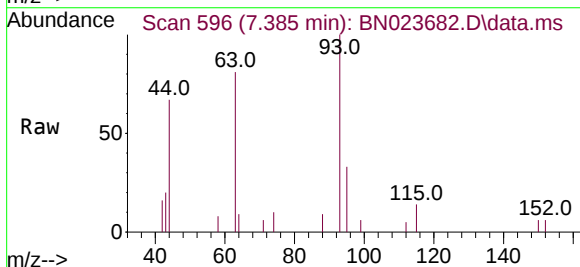
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

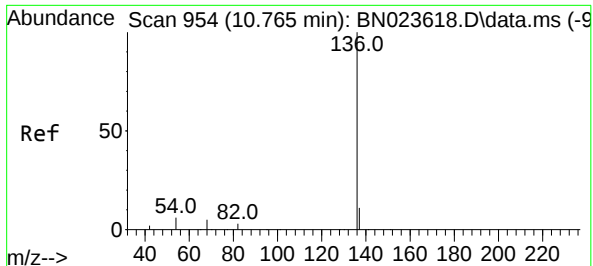
Tgt Ion: 99 Resp: 3315
Ion Ratio Lower Upper
99 100
42 23.3 18.8 28.2
71 35.0 28.2 42.4



#6
bis(2-Chloroethyl)ether
Concen: 0.112 ng
RT: 7.385 min Scan# 596
Delta R.T. 0.014 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

Tgt Ion: 93 Resp: 1420
Ion Ratio Lower Upper
93 100
63 72.0 59.6 89.4
95 31.8 25.3 37.9

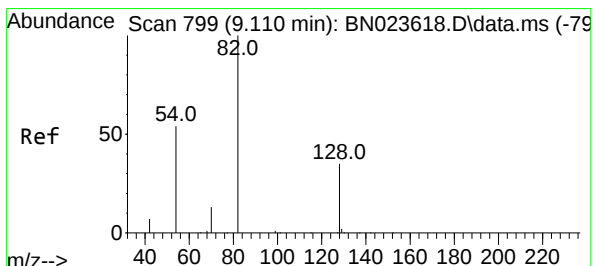
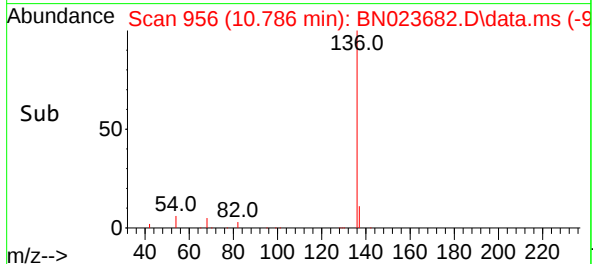
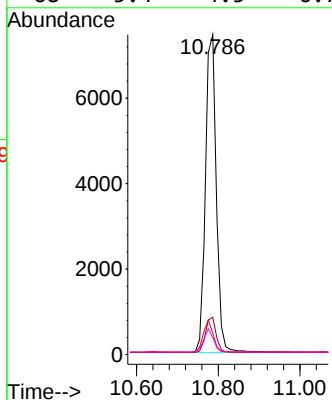
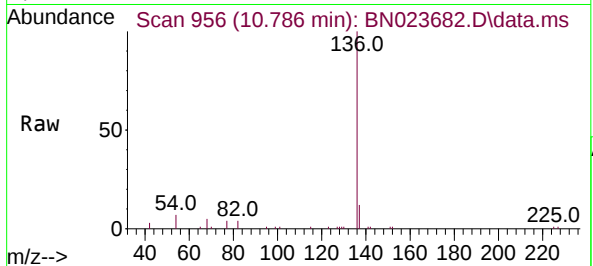




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.786 min Scan# 91
Delta R.T. 0.021 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

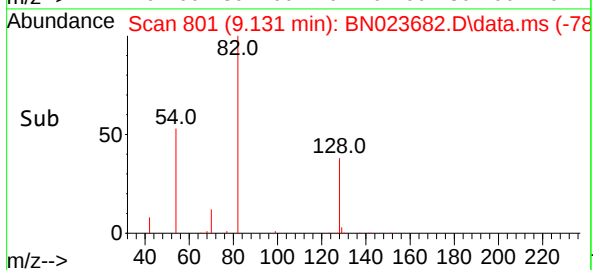
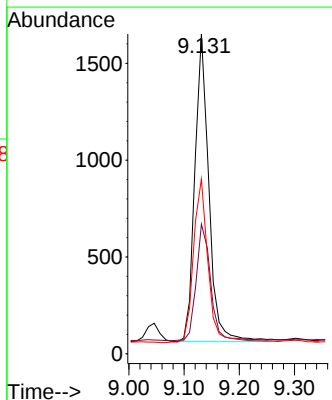
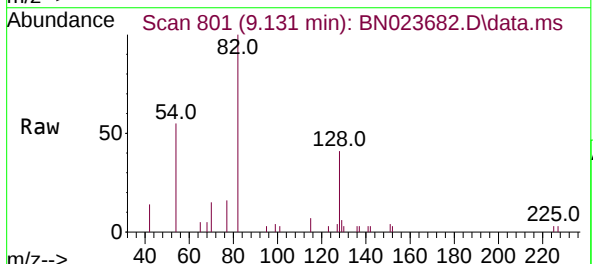
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

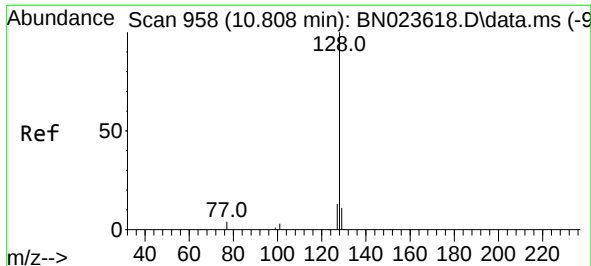
Tgt Ion:	136	Resp:	13719
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	6.7	5.7	8.5
68	5.4	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.272 ng
RT: 9.131 min Scan# 801
Delta R.T. 0.021 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

Tgt Ion:	82	Resp:	2810
Ion	Ratio	Lower	Upper
82	100		
128	40.6	29.8	44.8
54	54.6	43.9	65.9

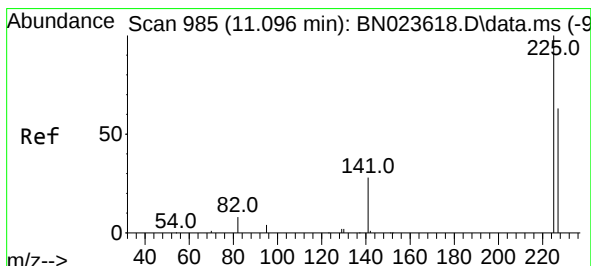
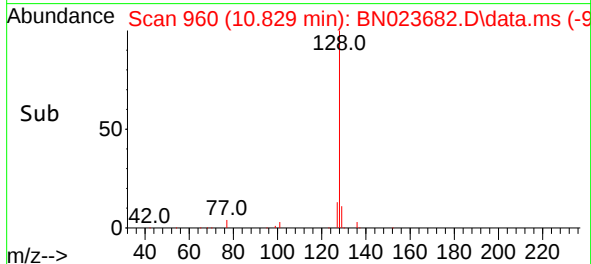
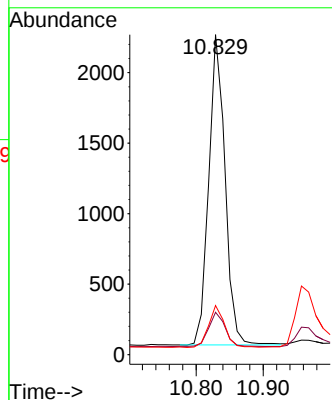
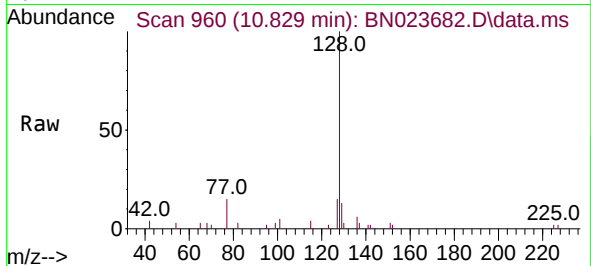




#9
Naphthalene
Concen: 0.102 ng
RT: 10.829 min Scan# 960
Delta R.T. 0.011 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

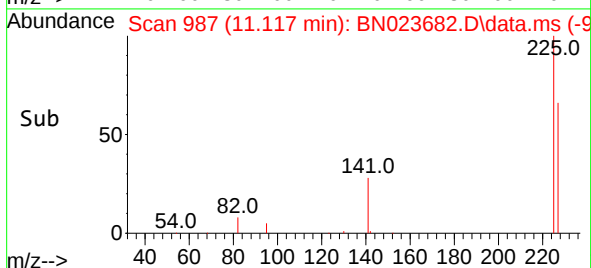
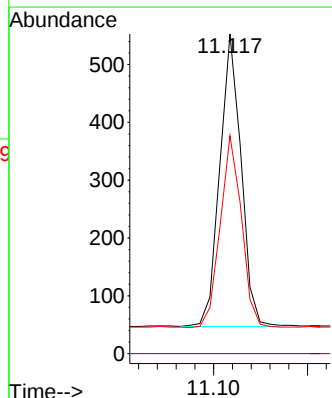
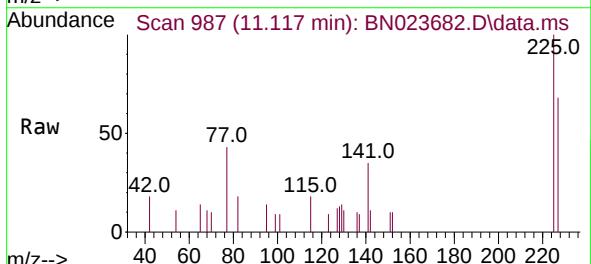
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

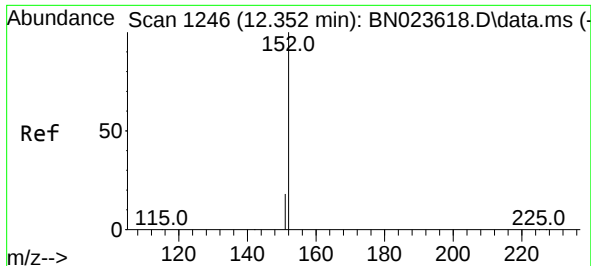
Tgt Ion:	128	Resp:	3718
Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.2	13.8
127	15.3	11.0	16.4



#10
Hexachlorobutadiene
Concen: 0.108 ng
RT: 11.117 min Scan# 987
Delta R.T. 0.021 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

Tgt Ion:	225	Resp:	796
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.7	51.8	77.6

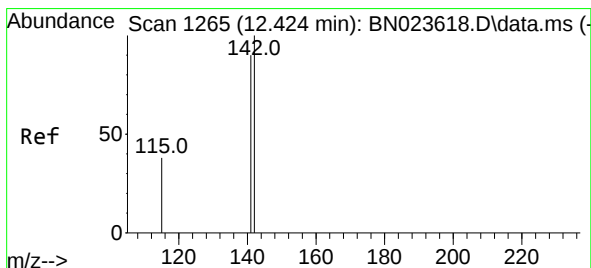
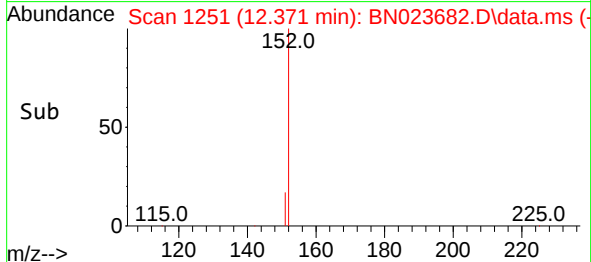
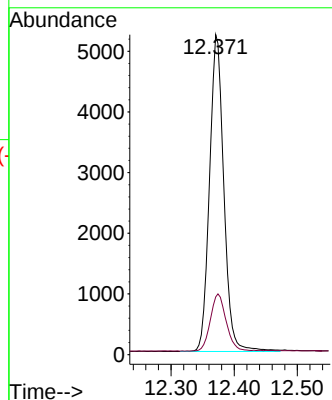
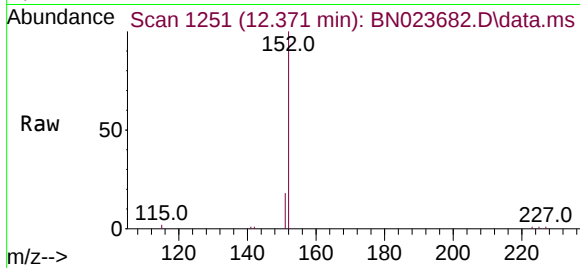




#11
2-Methylnaphthalene-d10
Concen: 0.436 ng
RT: 12.371 min Scan# 1271
Delta R.T. 0.015 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

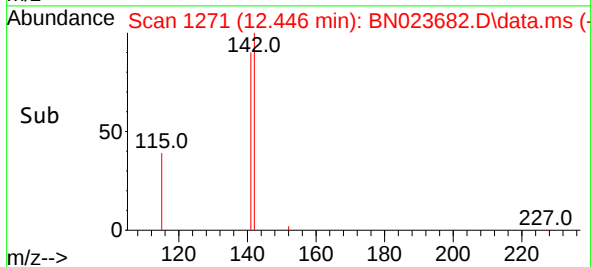
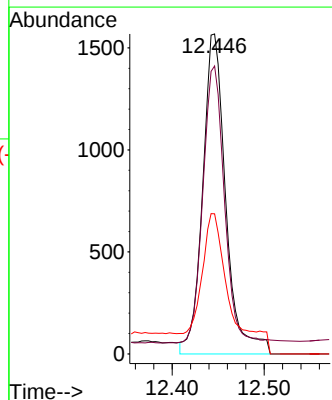
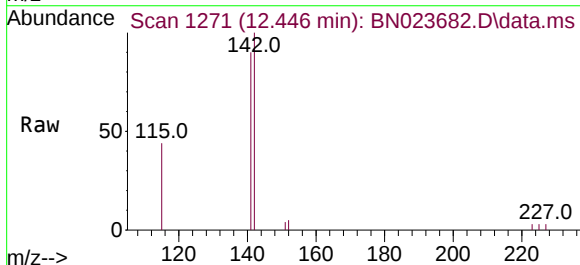
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

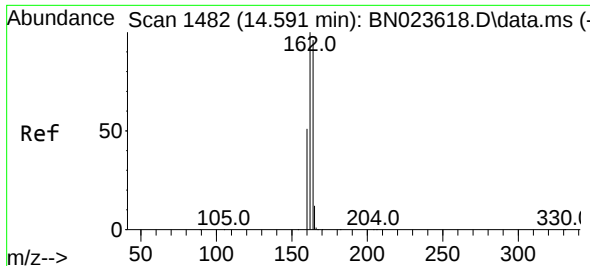
Tgt Ion:152 Resp: 8256
Ion Ratio Lower Upper
152 100
151 19.9 16.9 25.3



#12
2-Methylnaphthalene
Concen: 0.112 ng
RT: 12.446 min Scan# 1271
Delta R.T. 0.015 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

Tgt Ion:142 Resp: 2921
Ion Ratio Lower Upper
142 100
141 90.0 72.0 108.0
115 43.8 31.7 47.5

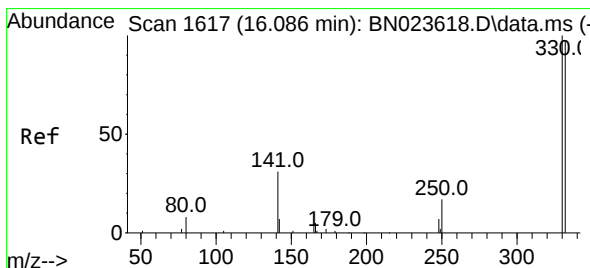
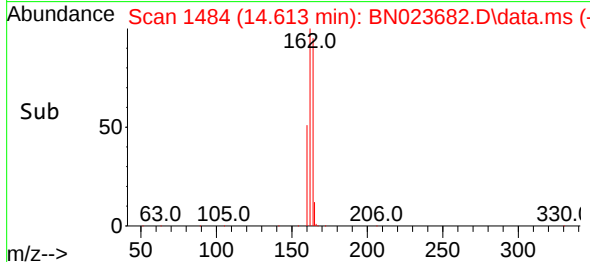
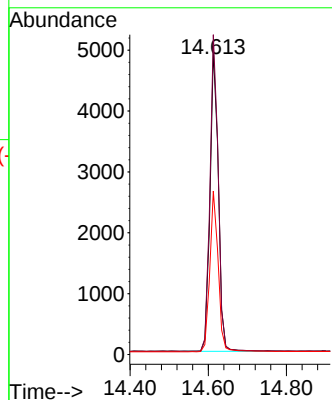
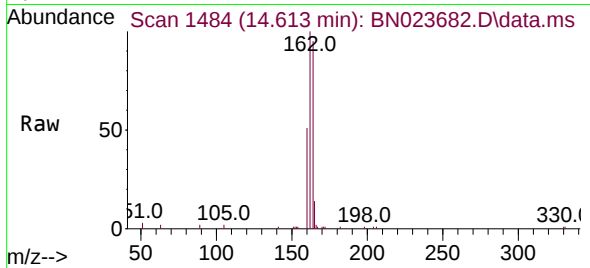




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.613 min Scan# 1482
Delta R.T. 0.011 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

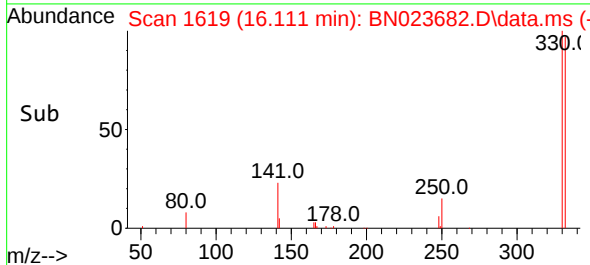
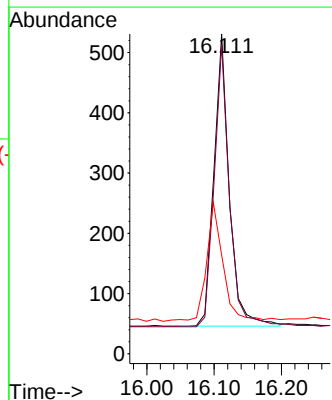
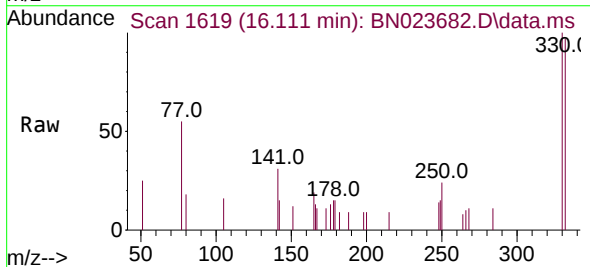
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

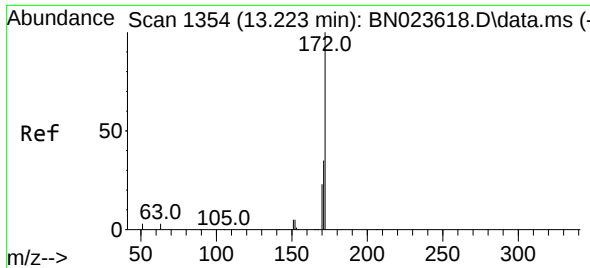
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Ion Ratio Lower Upper
164 100
162 105.4 83.4 125.2
160 53.9 42.7 64.1



#14
2,4,6-Tribromophenol
Concen: 0.244 ng
RT: 16.111 min Scan# 1619
Delta R.T. 0.012 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

Tgt Ion:330 Resp: 772
Ion Ratio Lower Upper
330 100
332 96.2 78.1 117.1
141 41.2 33.4 50.0

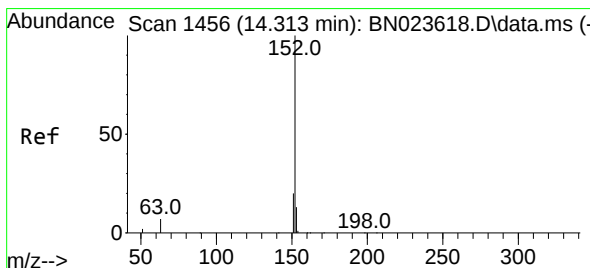
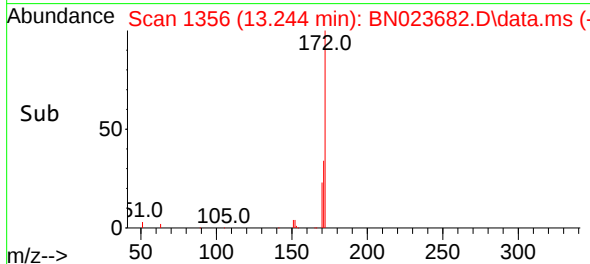
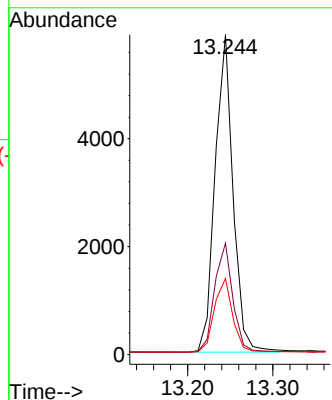
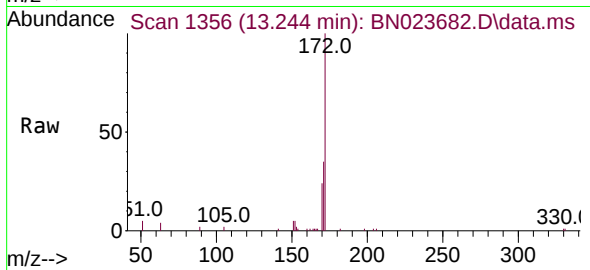




#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 13.244 min Scan# 1354
Delta R.T. 0.021 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

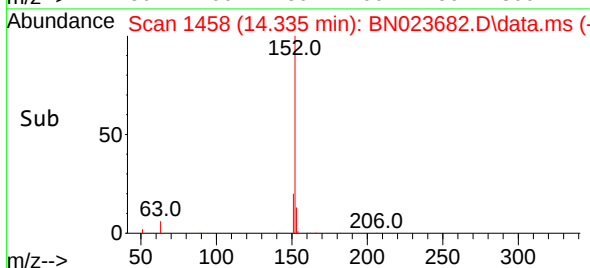
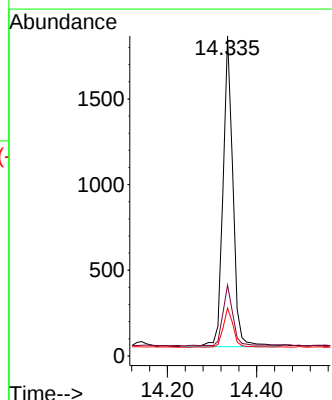
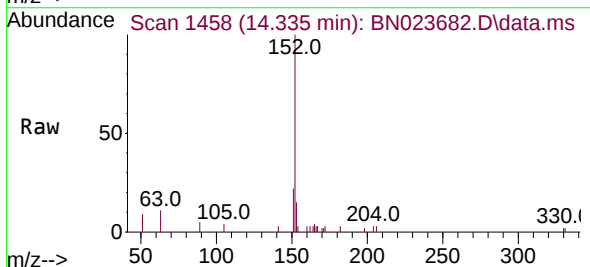
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

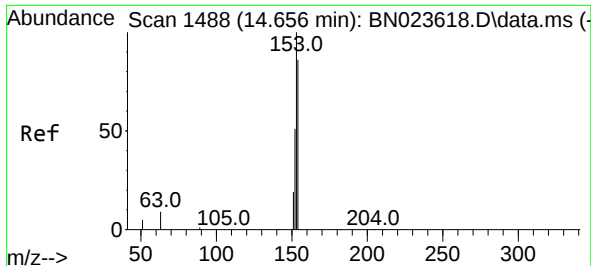
Tgt Ion:172 Resp: 8646
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.8 19.0 28.4



#16
Acenaphthylene
Concen: 0.094 ng
RT: 14.335 min Scan# 1458
Delta R.T. 0.011 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

Tgt Ion:152 Resp: 2787
Ion Ratio Lower Upper
152 100
151 19.4 15.6 23.4
153 12.7 10.5 15.7

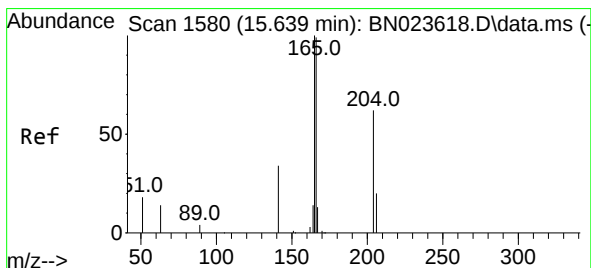
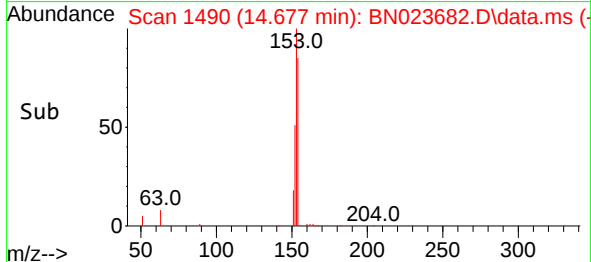
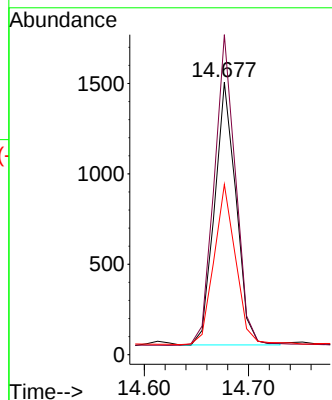
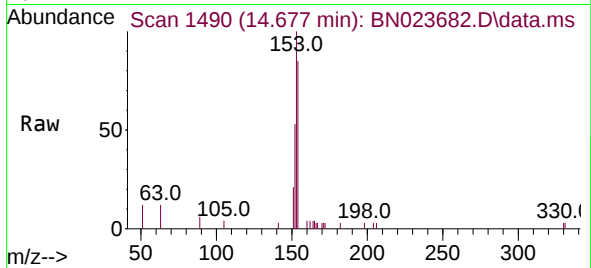




#17
Acenaphthene
Concen: 0.097 ng
RT: 14.677 min Scan# 1488
Delta R.T. 0.011 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

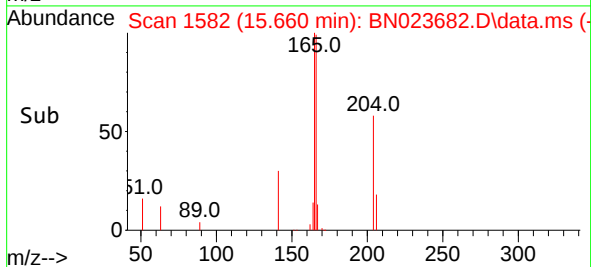
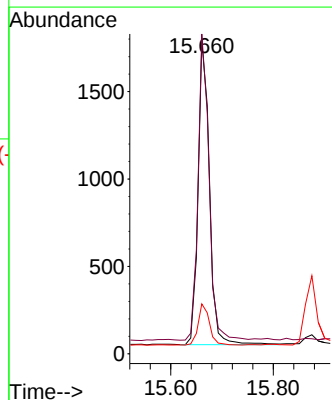
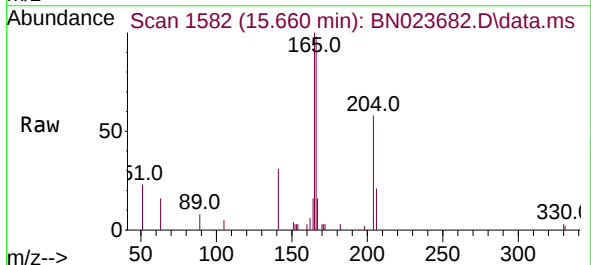
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

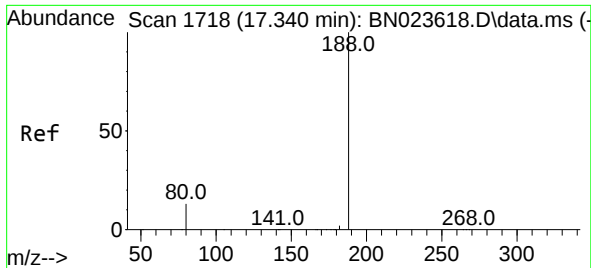
Tgt Ion:154 Resp: 2088
Ion Ratio Lower Upper
154 100
153 118.6 92.4 138.6
152 62.2 48.2 72.2



#18
Fluorene
Concen: 0.099 ng
RT: 15.660 min Scan# 1582
Delta R.T. 0.011 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

Tgt Ion:166 Resp: 2875
Ion Ratio Lower Upper
166 100
165 94.4 80.4 120.6
167 12.8 10.6 16.0

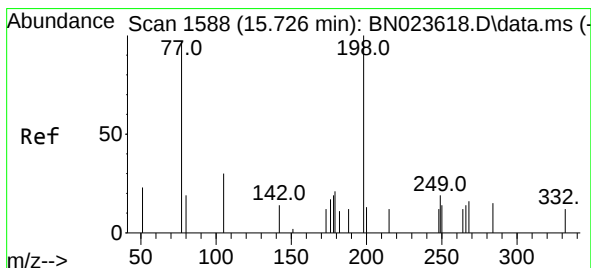
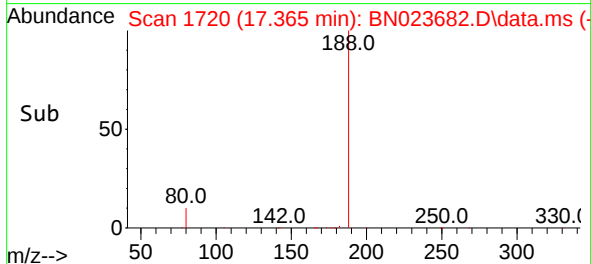
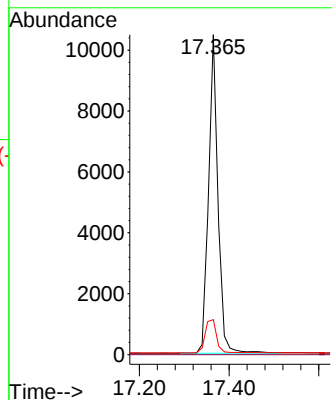
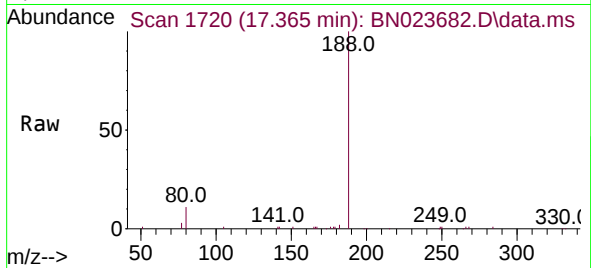




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.365 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

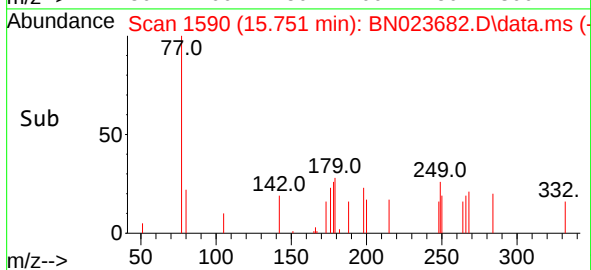
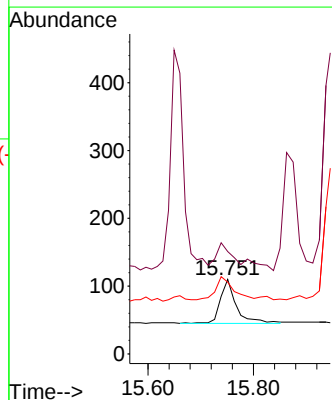
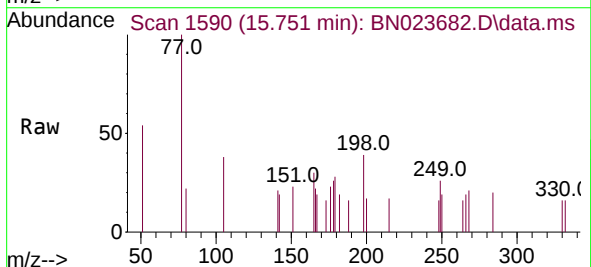
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

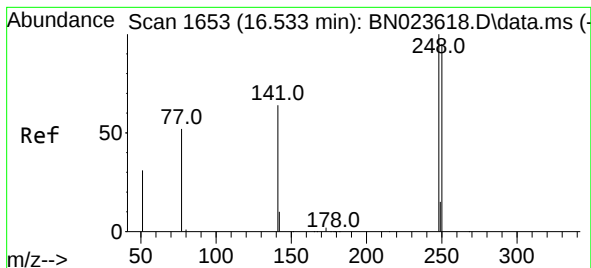
Tgt Ion:188 Resp: 15308
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 11.0 16.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.079 ng
RT: 15.751 min Scan# 1590
Delta R.T. 0.025 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

Tgt Ion:198 Resp: 132
Ion Ratio Lower Upper
198 100
51 137.3 44.9 67.3#
105 96.4 37.0 55.4#

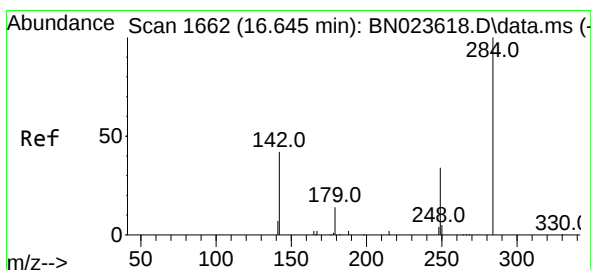
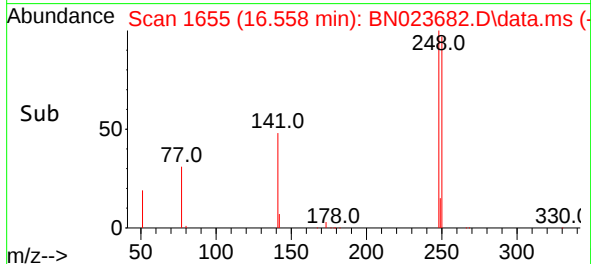
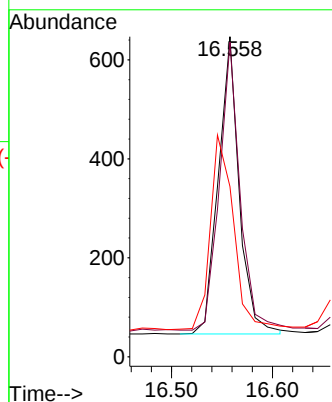
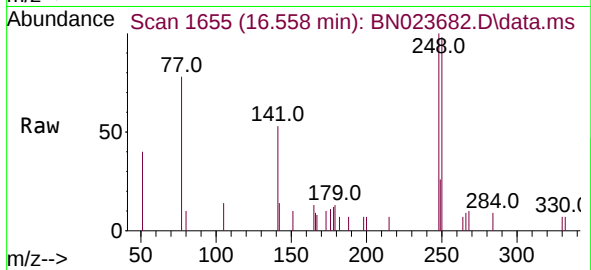




#21
4-Bromophenyl-phenylether
Concen: 0.099 ng
RT: 16.558 min Scan# 1655
Delta R.T. 0.012 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

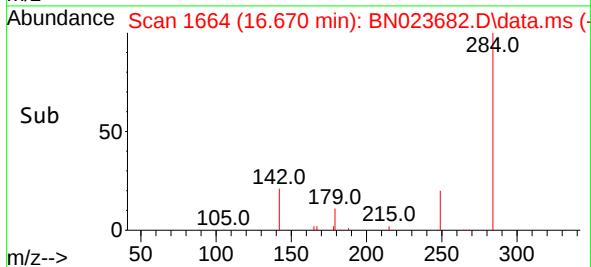
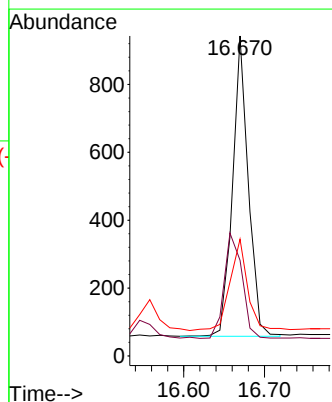
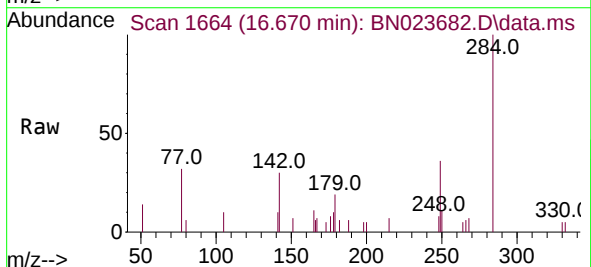
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

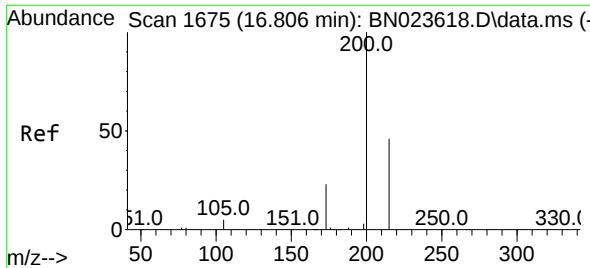
Tgt Ion:248 Resp: 863
Ion Ratio Lower Upper
248 100
250 98.3 76.6 114.8
141 53.2 52.3 78.5



#22
Hexachlorobenzene
Concen: 0.110 ng
RT: 16.670 min Scan# 1664
Delta R.T. 0.012 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

Tgt Ion:284 Resp: 1203
Ion Ratio Lower Upper
284 100
142 39.5 31.4 47.2
249 33.6 24.9 37.3





#23

Atrazine

Concen: 0.094 ng

RT: 16.831 min Scan# 1677

Delta R.T. 0.012 min

Lab File: BN023682.D

Acq: 17 Jan 2023 15:08

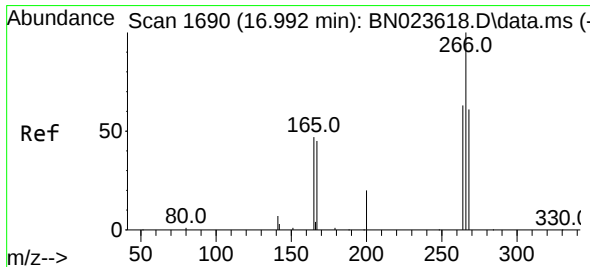
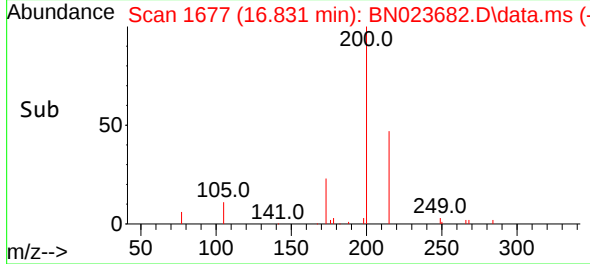
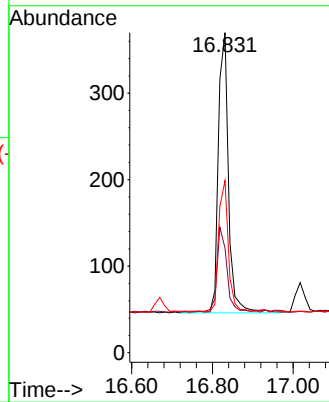
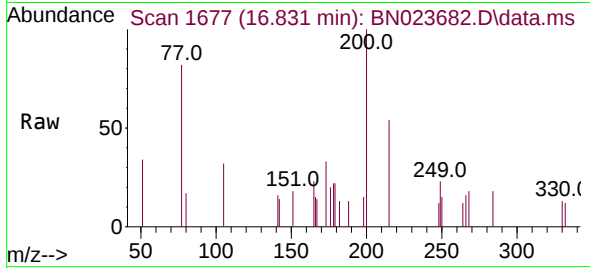
Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2022

Tgt Ion:	200	Resp:	566
Ion Ratio	Lower	Upper	
200	100		
173	32.7	20.4	30.6#
215	53.8	38.1	57.1



#24

Pentachlorophenol

Concen: 0.085 ng

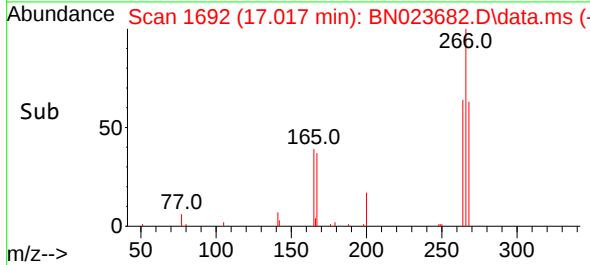
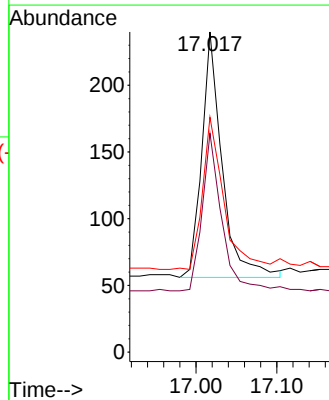
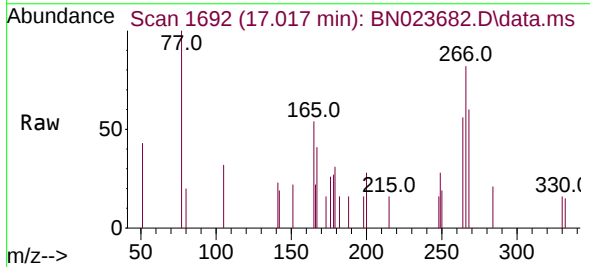
RT: 17.017 min Scan# 1692

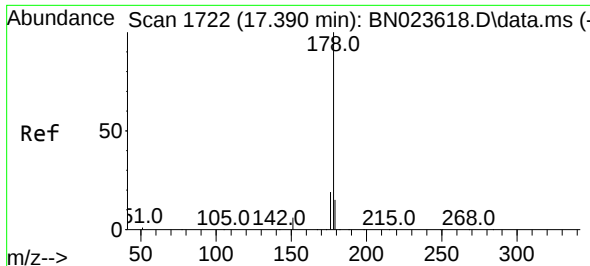
Delta R.T. 0.012 min

Lab File: BN023682.D

Acq: 17 Jan 2023 15:08

Tgt Ion:	266	Resp:	322
Ion Ratio	Lower	Upper	
266	100		
264	61.8	49.7	74.5
268	64.6	49.3	73.9

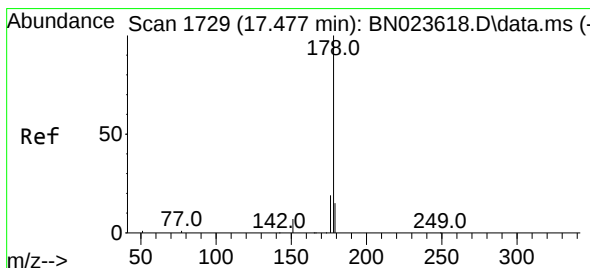
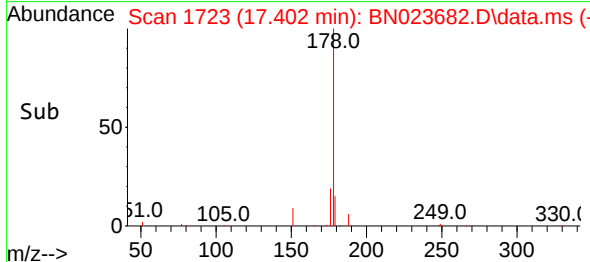
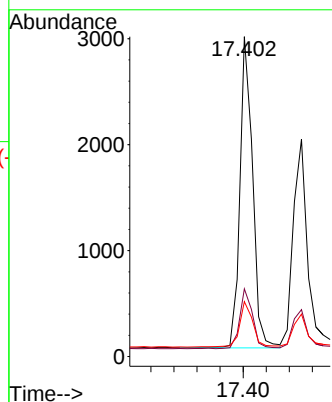
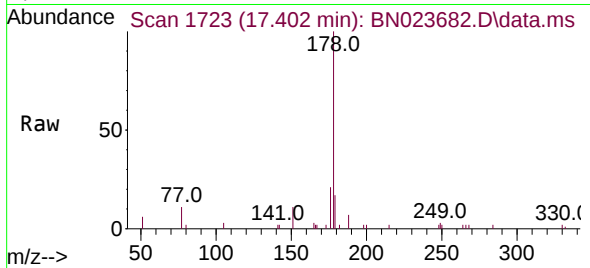




#25
 Phenanthrene
 Concen: 0.100 ng
 RT: 17.402 min Scan# 1731
 Delta R.T. 0.012 min
 Lab File: BN023682.D
 Acq: 17 Jan 2023 15:08

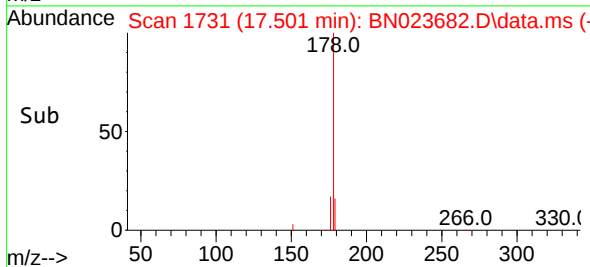
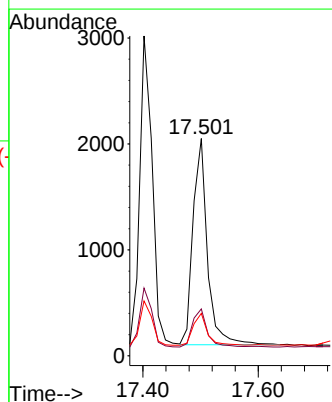
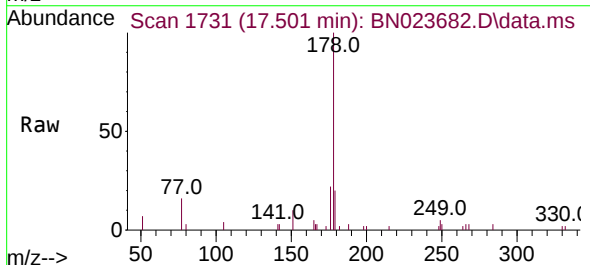
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

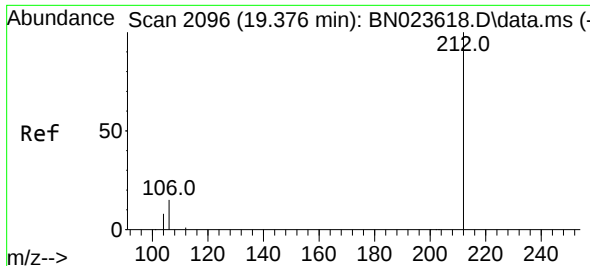
Tgt Ion:178 Resp: 4496
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 15.1 12.5 18.7



#26
 Anthracene
 Concen: 0.094 ng
 RT: 17.501 min Scan# 1731
 Delta R.T. 0.012 min
 Lab File: BN023682.D
 Acq: 17 Jan 2023 15:08

Tgt Ion:178 Resp: 3384
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.1 22.7
 179 14.8 12.2 18.2

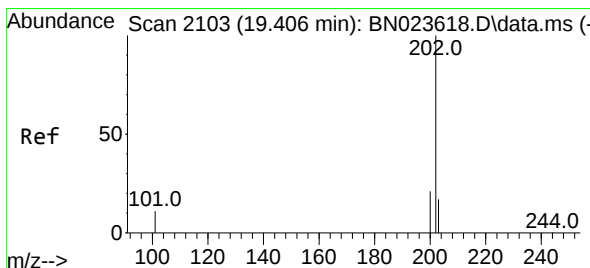
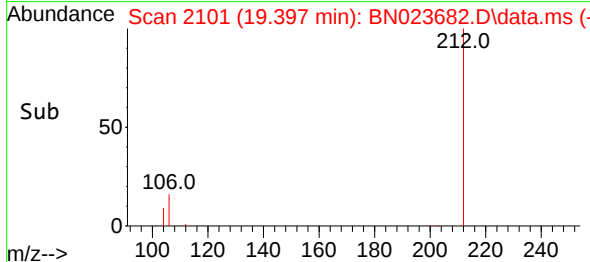
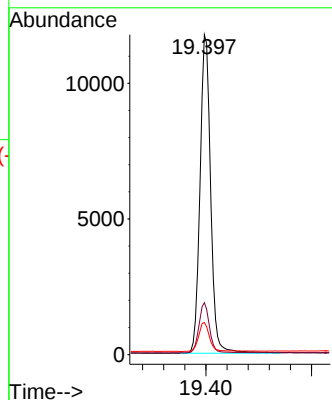
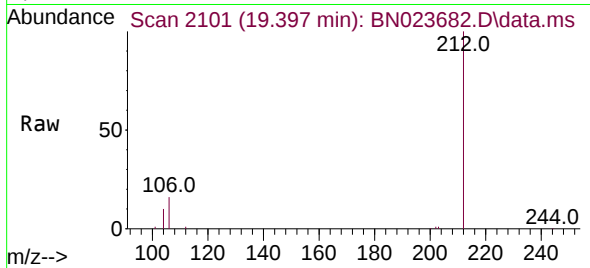




#27
Fluoranthene-d10
Concen: 0.436 ng
RT: 19.397 min Scan# 2108
Delta R.T. 0.008 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

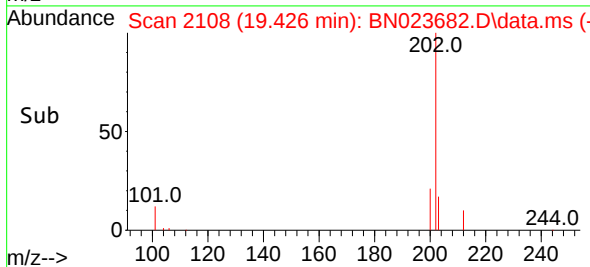
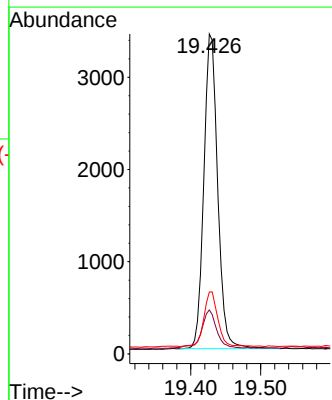
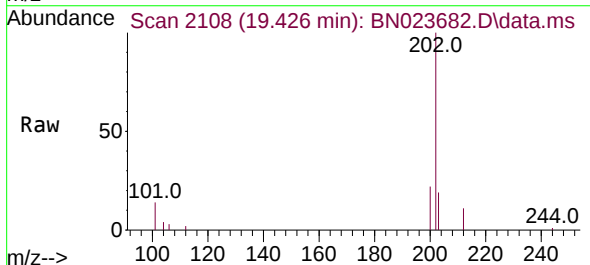
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

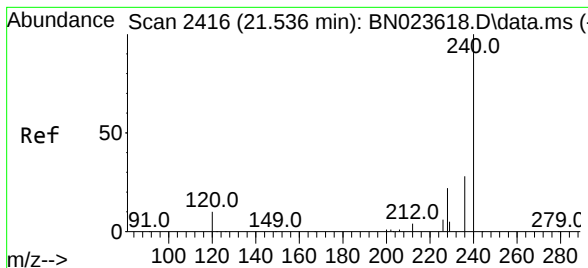
Tgt Ion:212 Resp: 16335
Ion Ratio Lower Upper
212 100
106 15.6 12.2 18.4
104 9.1 7.1 10.7



#28
Fluoranthene
Concen: 0.093 ng
RT: 19.426 min Scan# 2108
Delta R.T. 0.008 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

Tgt Ion:202 Resp: 4702
Ion Ratio Lower Upper
202 100
101 13.3 9.7 14.5
203 17.6 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.562 min Scan# 2416

Delta R.T. 0.018 min

Lab File: BN023682.D

Acq: 17 Jan 2023 15:08

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2022

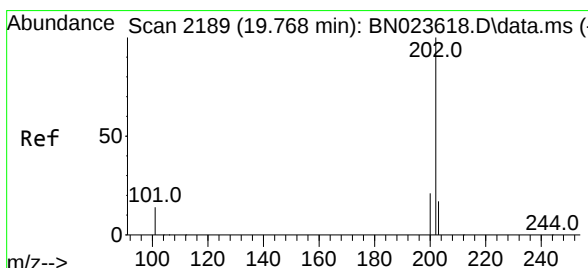
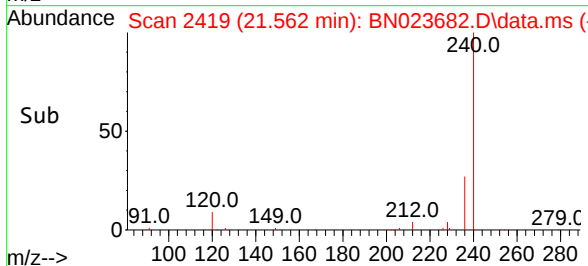
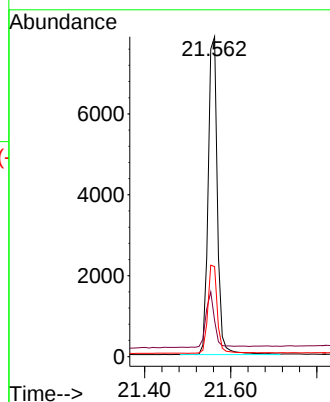
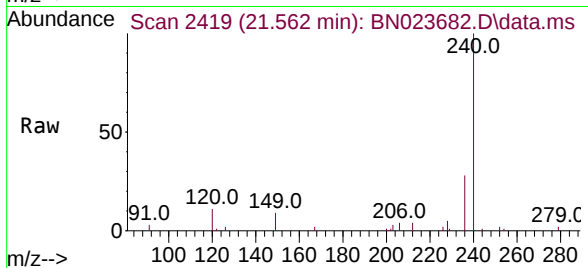
Tgt Ion:240 Resp: 11654

Ion Ratio Lower Upper

240 100

120 11.3 10.6 15.8

236 28.1 23.0 34.6



#30

Pyrene

Concen: 0.103 ng

RT: 19.793 min Scan# 2195

Delta R.T. 0.013 min

Lab File: BN023682.D

Acq: 17 Jan 2023 15:08

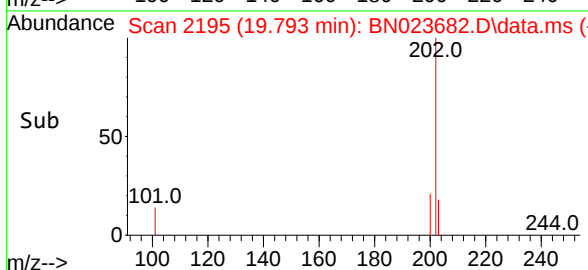
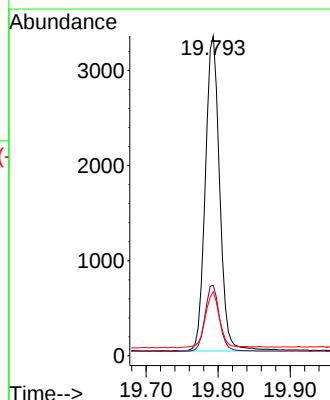
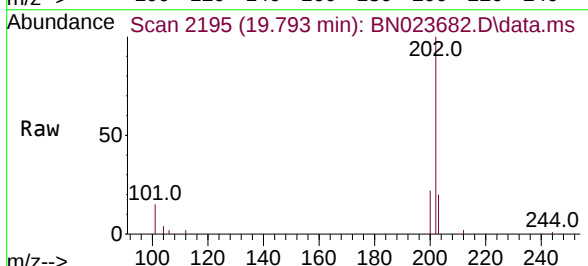
Tgt Ion:202 Resp: 4580

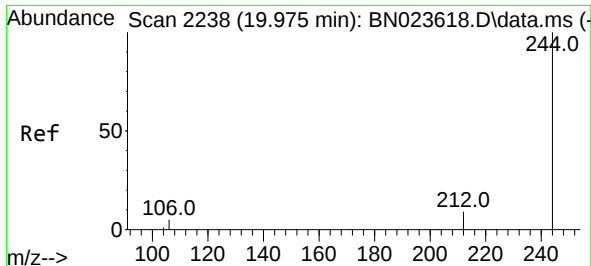
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

203 17.9 14.2 21.2

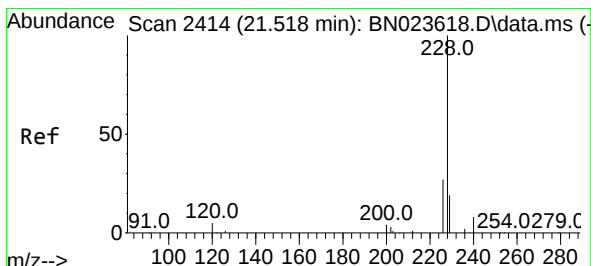
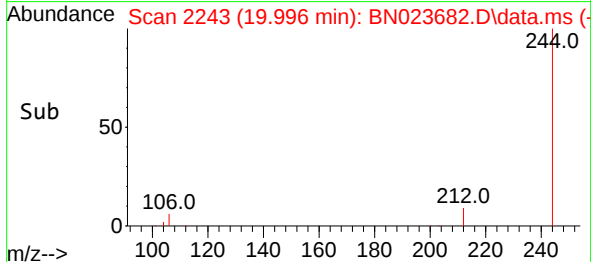
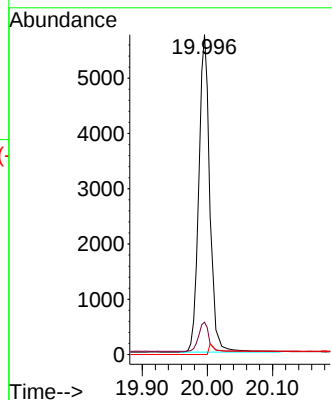
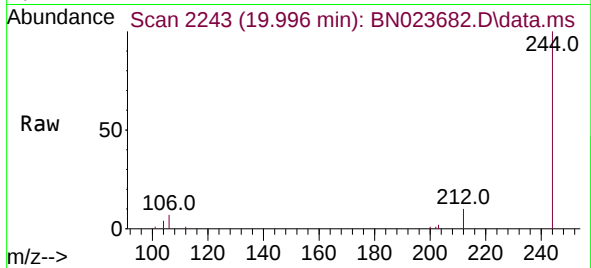




#31
Terphenyl-d14
Concen: 0.331 ng
RT: 19.996 min Scan# 21
Delta R.T. 0.013 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

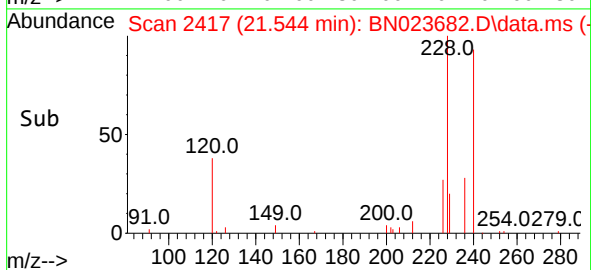
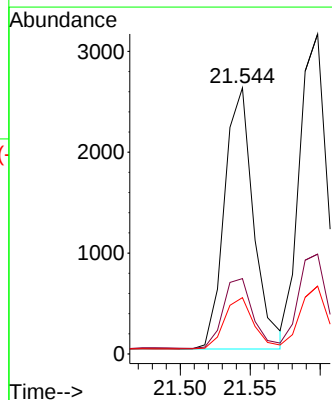
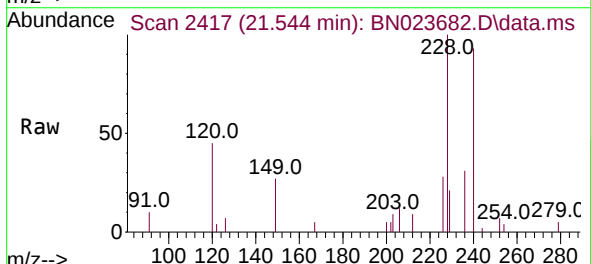
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

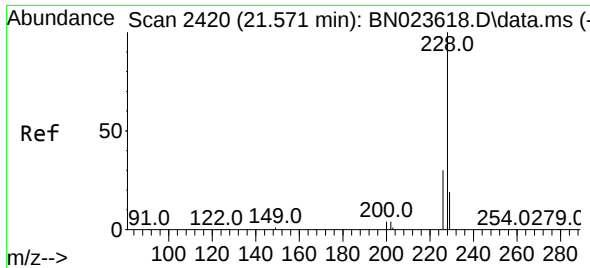
Tgt Ion:244 Resp: 9774
Ion Ratio Lower Upper
244 100
212 10.1 7.5 11.3
122 0.0 0.0 0.0



#32
Benzo(a)anthracene
Concen: 0.100 ng
RT: 21.544 min Scan# 2417
Delta R.T. 0.018 min
Lab File: BN023682.D
Acq: 17 Jan 2023 15:08

Tgt Ion:228 Resp: 3757
Ion Ratio Lower Upper
228 100
226 28.3 22.2 33.2
229 21.1 15.7 23.5





#33

Chrysene

Concen: 0.106 ng

RT: 21.598 min Scan# 24

Delta R.T. 0.018 min

Lab File: BN023682.D

Acq: 17 Jan 2023 15:08

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2022

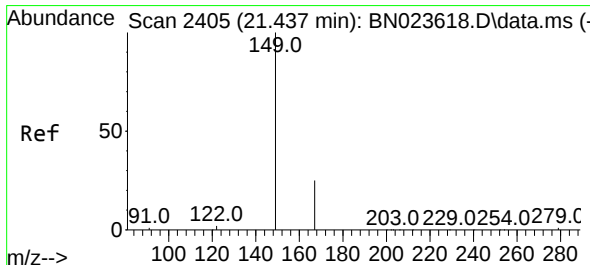
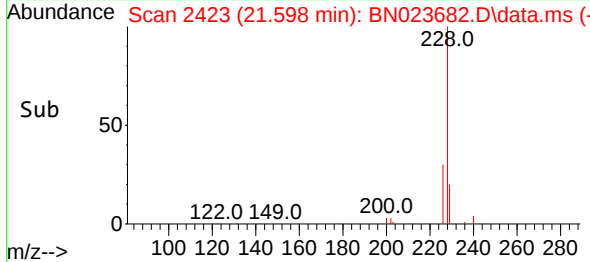
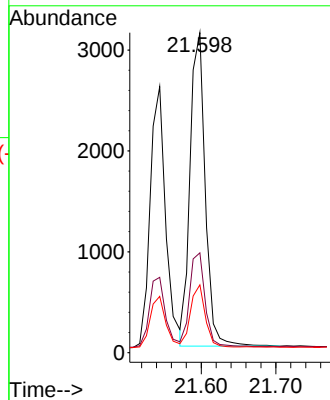
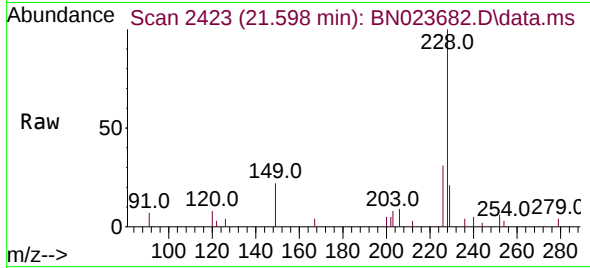
Tgt Ion:228 Resp: 4399

Ion Ratio Lower Upper

228 100

226 31.2 24.4 36.6

229 21.2 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.116 ng

RT: 21.464 min Scan# 2408

Delta R.T. 0.009 min

Lab File: BN023682.D

Acq: 17 Jan 2023 15:08

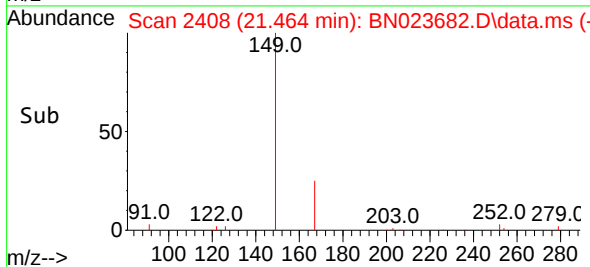
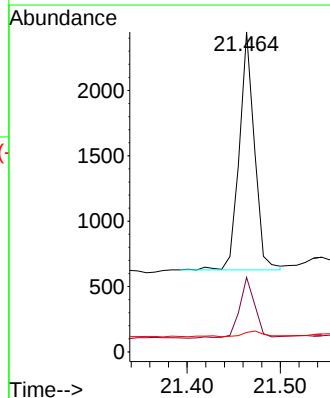
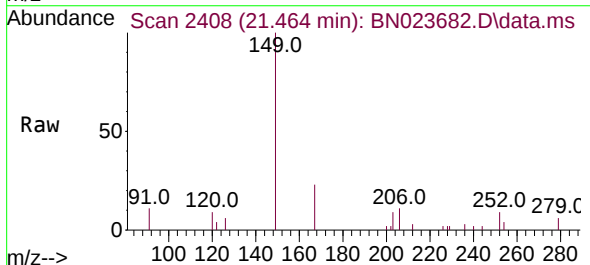
Tgt Ion:149 Resp: 2045

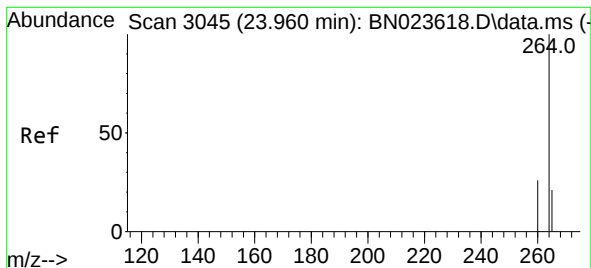
Ion Ratio Lower Upper

149 100

167 26.6 20.6 30.8

279 3.3 2.6 4.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.006 min Scan# 3045

Delta R.T. 0.023 min

Lab File: BN023682.D

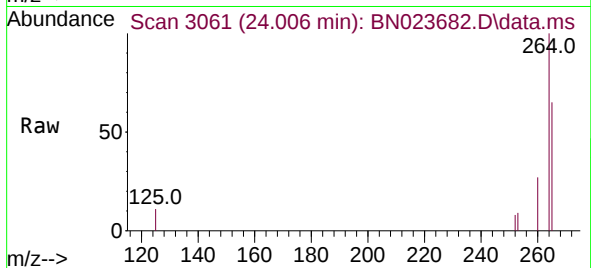
Acq: 17 Jan 2023 15:08

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2022



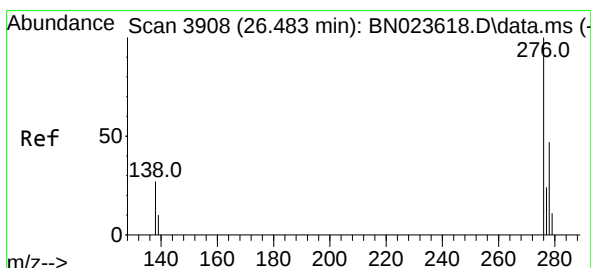
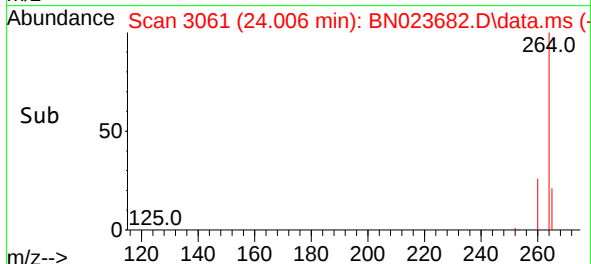
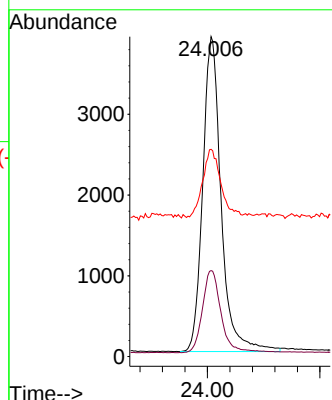
Tgt Ion:264 Resp: 8839

Ion Ratio Lower Upper

264 100

260 26.9 21.4 32.2

265 64.8 56.6 85.0



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.099 ng

RT: 26.568 min Scan# 3937

Delta R.T. 0.041 min

Lab File: BN023682.D

Acq: 17 Jan 2023 15:08

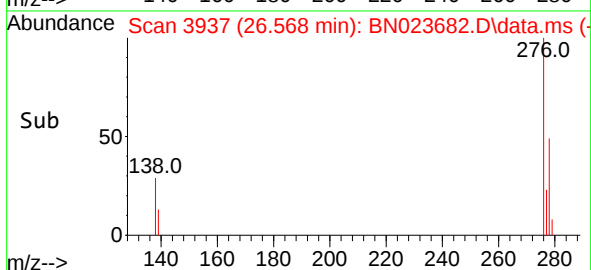
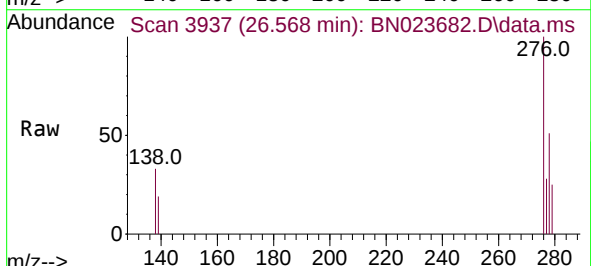
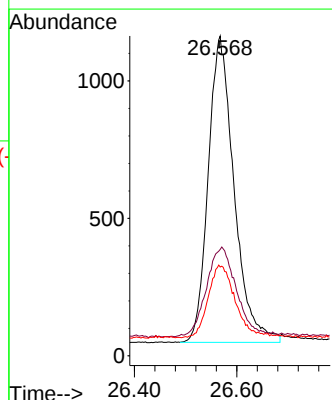
Tgt Ion:276 Resp: 3909

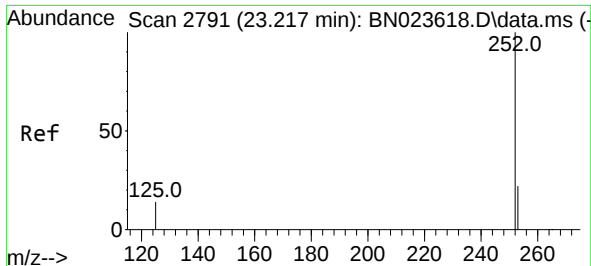
Ion Ratio Lower Upper

276 100

138 32.2 23.8 35.8

277 24.6 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.113 ng

RT: 23.255 min Scan# 2811

Delta R.T. 0.017 min

Lab File: BN023682.D

Acq: 17 Jan 2023 15:08

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2022

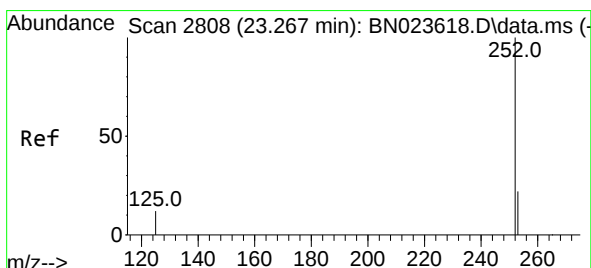
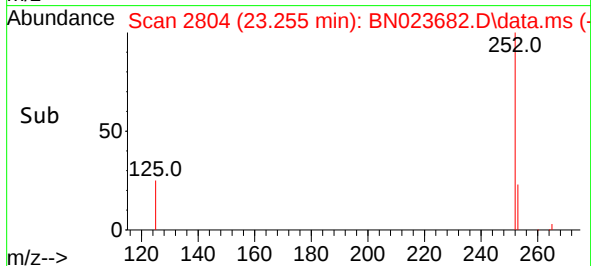
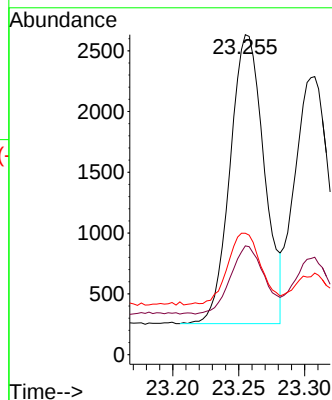
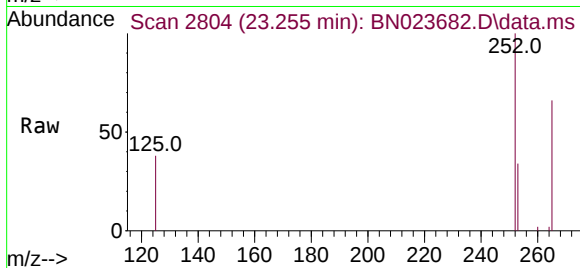
Tgt Ion:252 Resp: 4275

Ion Ratio Lower Upper

252 100

253 34.0 20.0 30.0#

125 37.9 14.4 21.6#



#38

Benzo(k)fluoranthene

Concen: 0.104 ng

RT: 23.308 min Scan# 2822

Delta R.T. 0.020 min

Lab File: BN023682.D

Acq: 17 Jan 2023 15:08

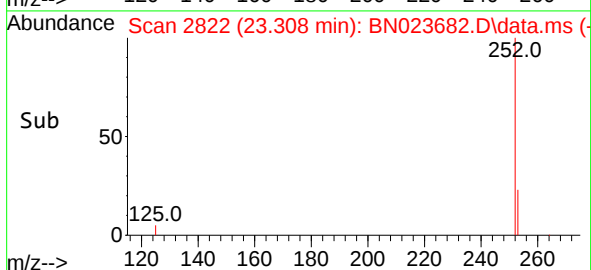
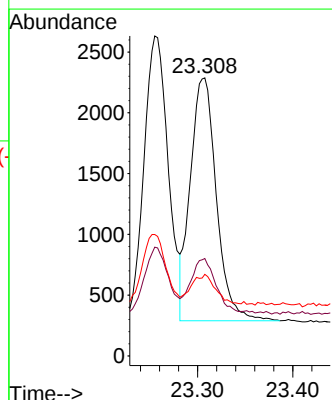
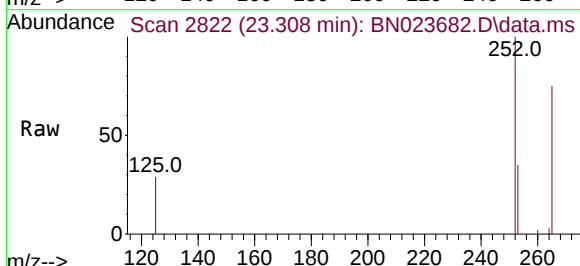
Tgt Ion:252 Resp: 3813

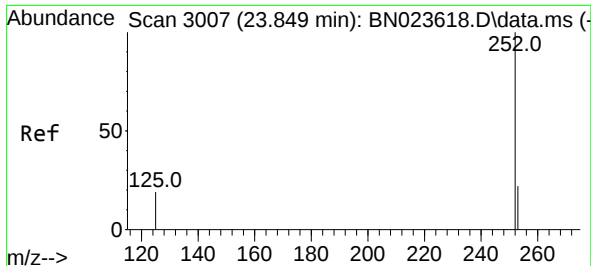
Ion Ratio Lower Upper

252 100

253 35.0 20.2 30.2#

125 29.3 13.0 19.4#





#39

Benzo(a)pyrene

Concen: 0.124 ng

RT: 23.895 min Scan# 3007

Delta R.T. 0.020 min

Lab File: BN023682.D

Acq: 17 Jan 2023 15:08

Instrument :

BNA_N

ClientSampleId :

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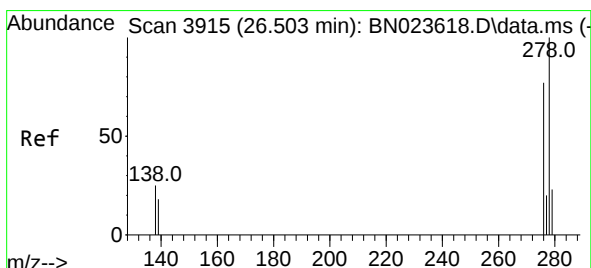
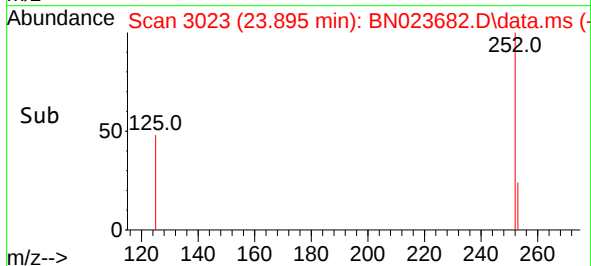
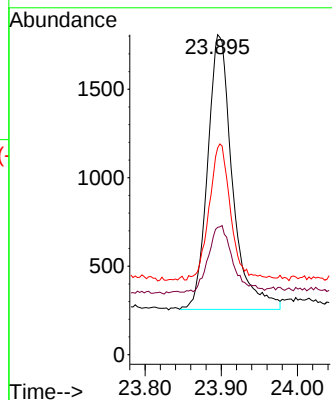
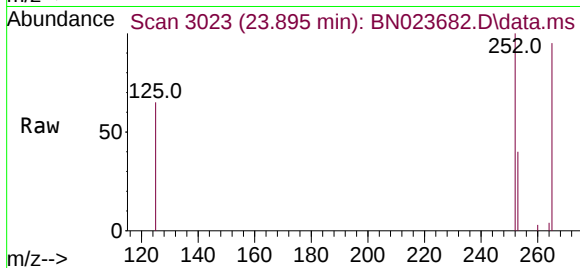
Tgt Ion:252 Resp: 3519

Ion Ratio Lower Upper

252 100

253 39.8 22.3 33.5#

125 64.6 21.2 31.8#



#40

Dibenzo(a,h)anthracene

Concen: 0.097 ng

RT: 26.591 min Scan# 3945

Delta R.T. 0.038 min

Lab File: BN023682.D

Acq: 17 Jan 2023 15:08

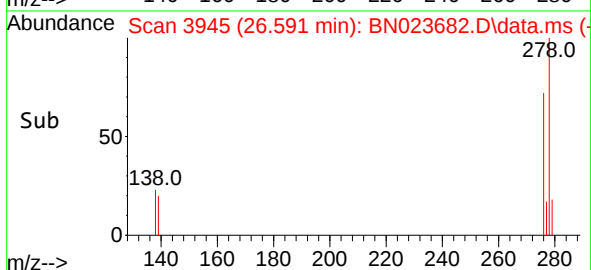
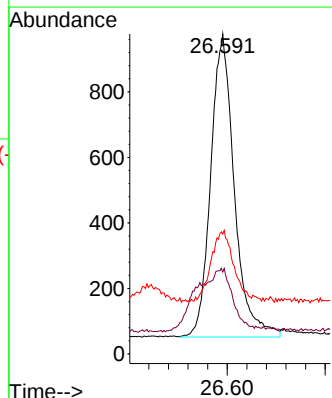
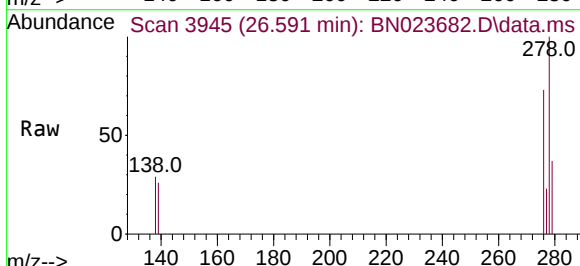
Tgt Ion:278 Resp: 3087

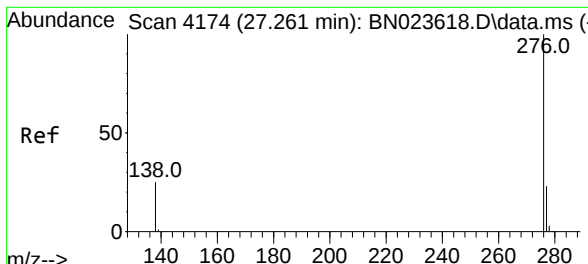
Ion Ratio Lower Upper

278 100

139 25.6 16.8 25.2#

279 37.5 21.5 32.3#





#41
 Benzo(g,h,i)perylene
 Concen: 0.098 ng
 RT: 27.357 min Scan# 41
 Delta R.T. 0.044 min
 Lab File: BN023682.D
 Acq: 17 Jan 2023 15:08

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

Tgt Ion: 276 Resp: 3174

Ion	Ratio	Lower	Upper
276	100		
277	28.8	19.6	29.4
138	31.2	21.5	32.3

