

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121022\
 Data File : BN023118.D
 Acq On : 10 Dec 2022 12:15
 Operator : CG/JU
 Sample : N4955-03
 Misc : MDL-MDL-SOIL 0.1ng
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2022

Manual Integrations
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Reviewed By :Christian
 Giraldo

Quant Time: Dec 12 05:27:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 05:27:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.021	152	7351	0.400	ng	0.00
7) Naphthalene-d8	10.840	136	21486	0.400	ng	# 0.00
13) Acenaphthene-d10	14.656	164	11174	0.400	ng	0.00
19) Phenanthrene-d10	17.402	188	24133	0.400	ng	# 0.00
29) Chrysene-d12	21.589	240	18898	0.400	ng	# 0.00
35) Perylene-d12	24.050	264	15474	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.551	112	3742	0.273	ng	0.00
5) Phenol-d6	7.168	99	4570	0.263	ng	0.00
8) Nitrobenzene-d5	9.185	82	3780	0.267	ng	0.00
11) 2-Methylnaphthalene-d10	12.424	152	16293	0.447	ng	0.00
14) 2,4,6-Tribromophenol	16.148	330	971	0.240	ng	0.00
15) 2-Fluorobiphenyl	13.287	172	12934	0.290	ng	0.00
27) Fluoranthene-d10	19.435	212	25369	0.449	ng	0.00
31) Terphenyl-d14	20.031	244	8751	0.285	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.398	88	886	0.122	ng	90
3) n-Nitrosodimethylamine	3.752	42	520	0.073	ng	# 93
6) bis(2-Chloroethyl)ether	7.436	93	2228	0.113	ng	98
9) Naphthalene	10.883	128	5610	0.103	ng	97
10) Hexachlorobutadiene	11.182	225	1124	0.108	ng	# 99
12) 2-Methylnaphthalene	12.114	142	764	0.094	ng	# 73
16) Acenaphthylene	14.378	152	4194	0.093	ng	99
17) Acenaphthene	14.720	154	3260	0.099	ng	98
18) Fluorene	15.703	166	3628	0.098	ng	98
20) 4,6-Dinitro-2-methylph...	15.776	198	215	0.062	ng	# 10
21) 4-Bromophenyl-phenylether	16.595	248	1318	0.102	ng	# 88
22) Hexachlorobenzene	16.707	284	1819	0.108	ng	98
23) Atrazine	16.856	200	788	0.087	ng	# 85
24) Pentachlorophenol	17.055	266	422	0.072	ng	91
25) Phenanthrene	17.452	178	7064	0.098	ng	99
26) Anthracene	17.539	178	5387	0.094	ng	99
28) Fluoranthene	19.465	202	7465	0.097	ng	98
30) Pyrene	19.827	202	7037	0.102	ng	100
32) Benzo(a)anthracene	21.571	228	5610	0.092	ng	99
33) Chrysene	21.625	228	7140	0.104	ng	97
34) Bis(2-ethylhexyl)phtha...	21.491	149	3921	0.152	ng	98
36) Indeno(1,2,3-cd)pyrene	26.620	276	6440	0.093	ng	98
37) Benzo(b)fluoranthene	23.296	252	6375	0.099	ng	# 80
38) Benzo(k)fluoranthene	23.346	252	6147m	0.094	ng	
39) Benzo(a)pyrene	23.939	252	5522	0.115	ng	# 70
40) Dibenzo(a,h)anthracene	26.641	278	5023	0.090	ng	# 89
41) Benzo(g,h,i)perylene	27.413	276	5537	0.093	ng	95

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

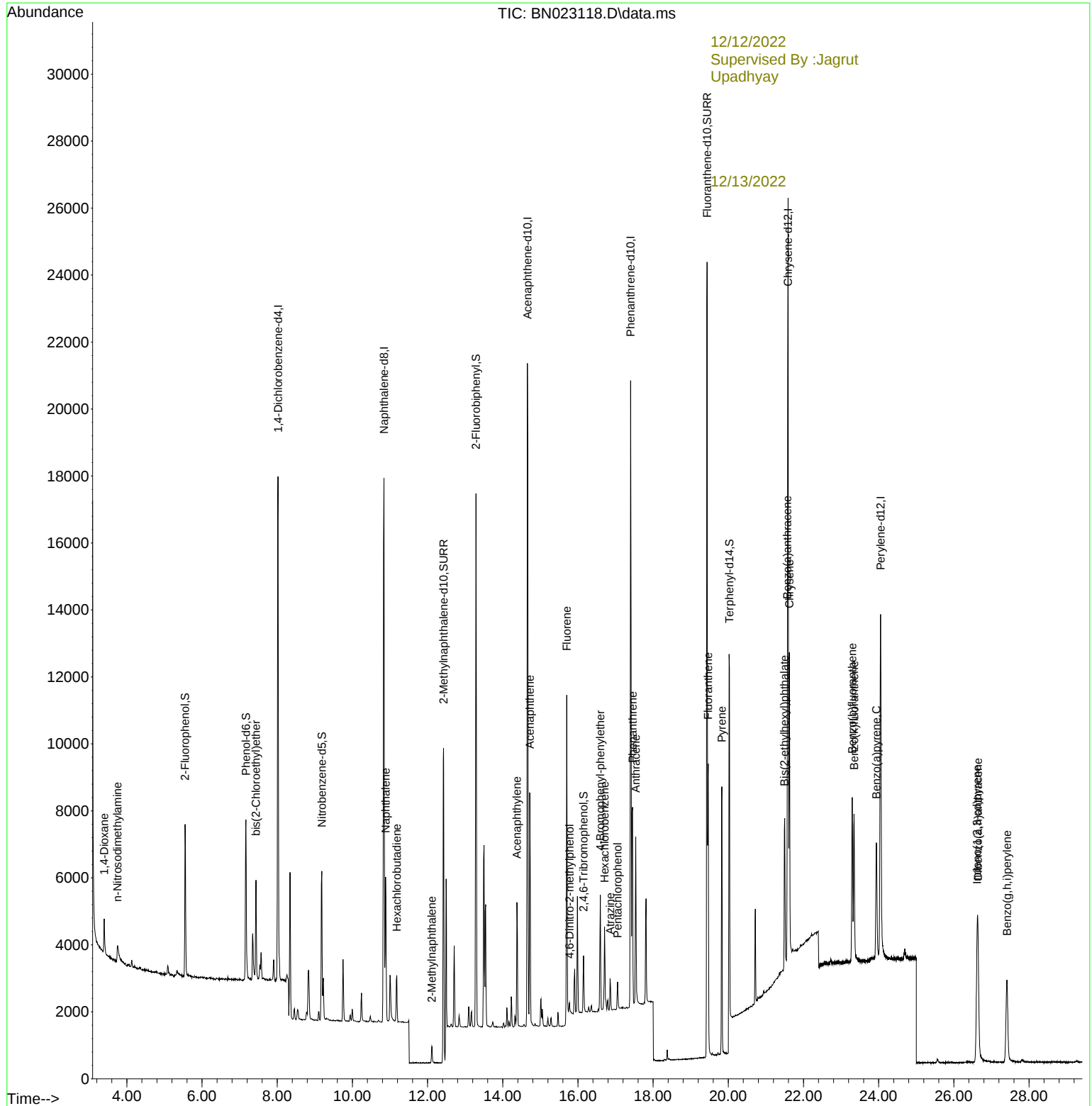
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121022\
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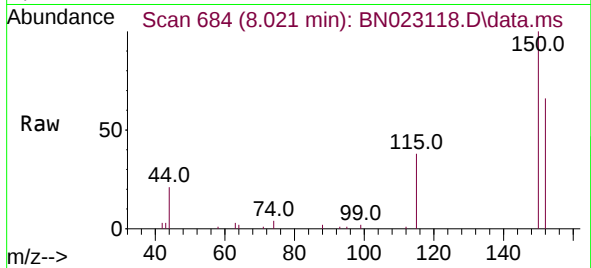
Reviewed By :Christian
 Giraldo





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.021 min Scan# 684
 Delta R.T. -0.000 min
 Lab File: BN023118.D
 Acq: 10 Dec 2022 12:15

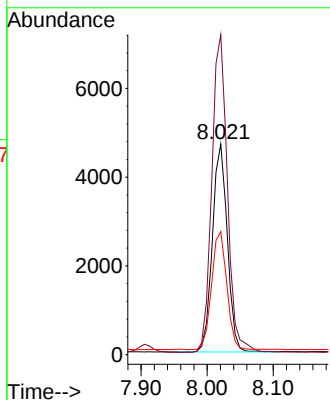
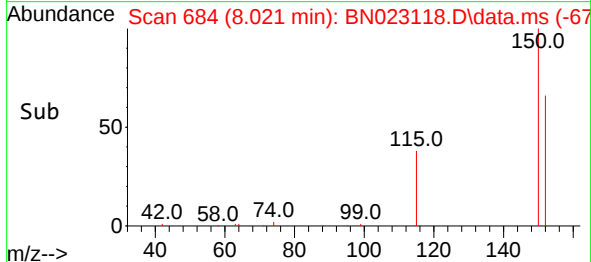
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2022



Tgt Ion: 152 Resp: 735
 Ion Ratio Lower Upper
 152 100
 150 151.9 125.6 188.4
 115 58.4 49.0 73.4

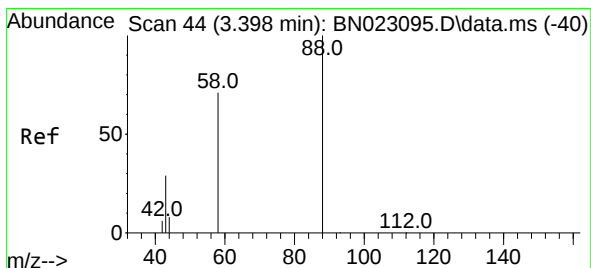
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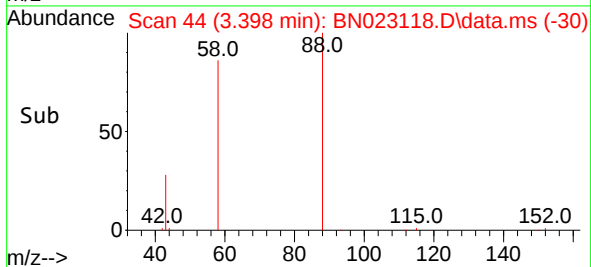
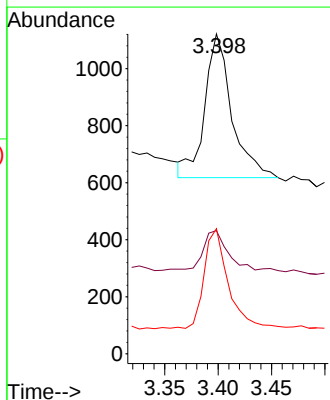
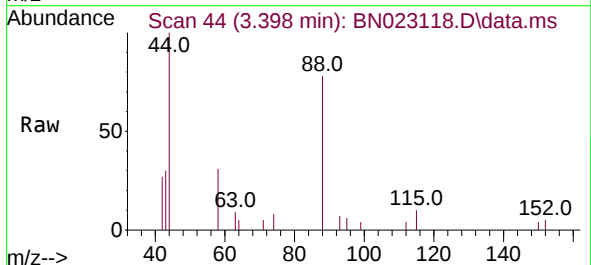
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 Upadhyay

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#2
 1,4-Dioxane
 Concen: 0.122 ng
 RT: 3.398 min Scan# 44
 Delta R.T. -0.000 min
 Lab File: BN023118.D
 Acq: 10 Dec 2022 12:15

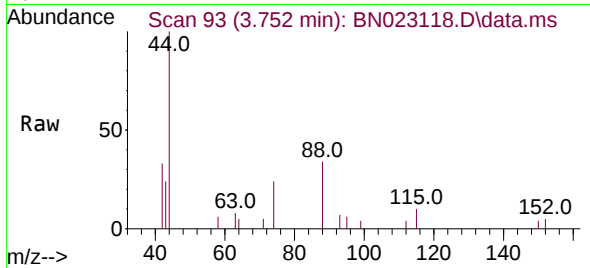
Tgt Ion: 88 Resp: 886
 Ion Ratio Lower Upper
 88 100
 43 25.7 23.3 34.9
 58 62.6 58.0 87.0





#3
n-Nitrosodimethylamine
Concen: 0.073 ng
RT: 3.752 min Scan# 91
Delta R.T. 0.014 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15

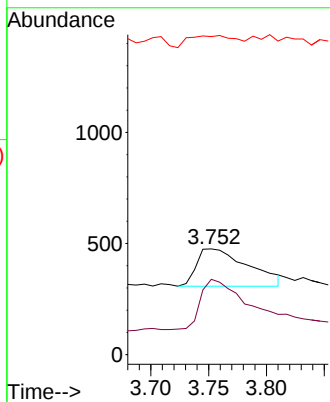
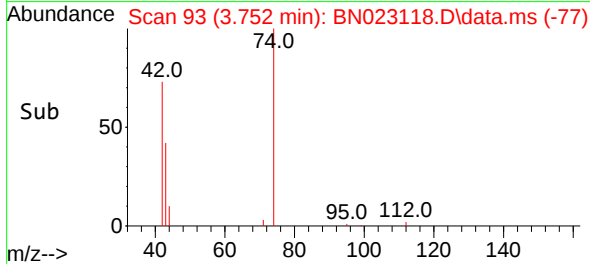
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022



Tgt Ion: 42 Resp: 520
Ion Ratio Lower Upper
42 100
74 122.9 95.8 143.6
44 30.2 8.4 12.6

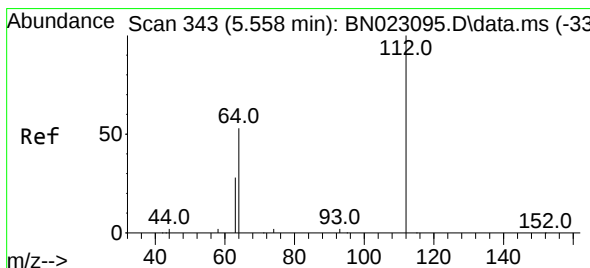
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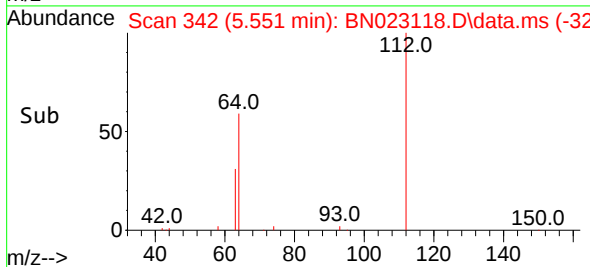
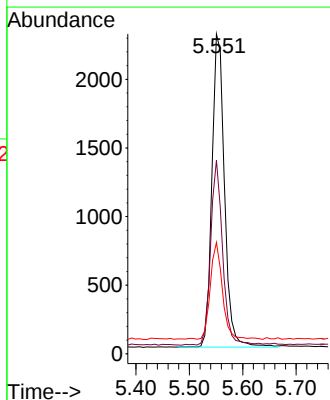
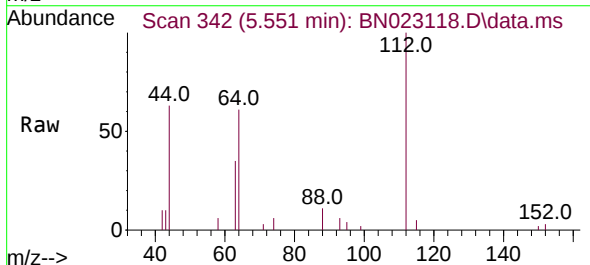
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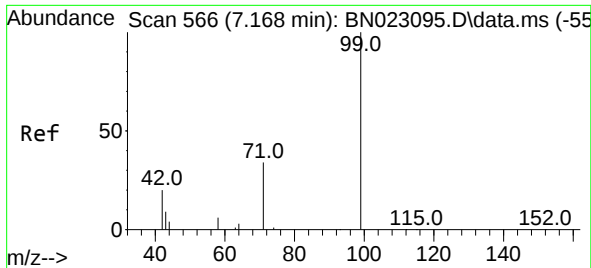
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#4
2-Fluorophenol
Concen: 0.273 ng
RT: 5.551 min Scan# 342
Delta R.T. -0.000 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15

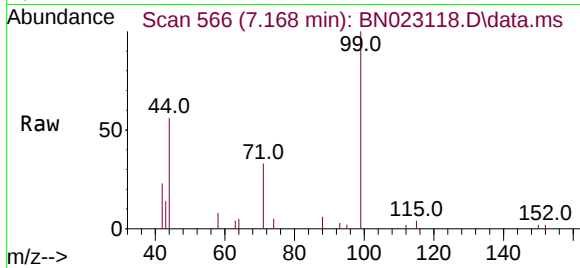
Tgt Ion:112 Resp: 3742
Ion Ratio Lower Upper
112 100
64 56.0 44.4 66.6
63 30.0 23.7 35.5





#5
Phenol-d6
Concen: 0.263 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.000 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15

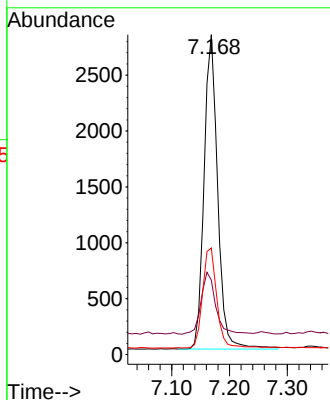
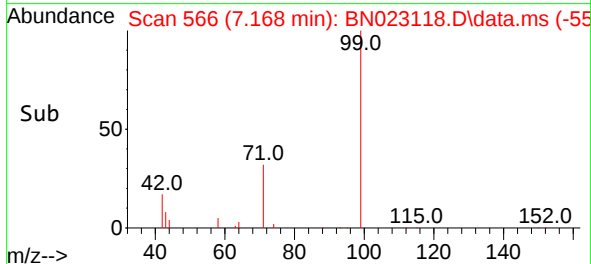
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022



Tgt Ion: 99 Resp: 4570
Ion Ratio Lower Upper
99 100
42 21.0 16.3 24.5
71 33.2 26.5 39.7

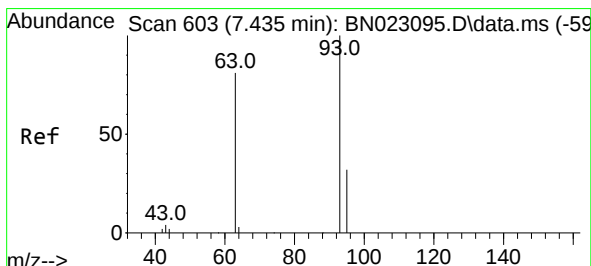
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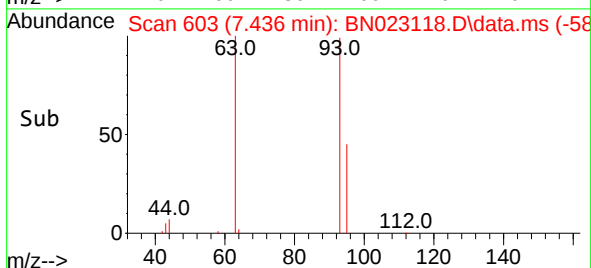
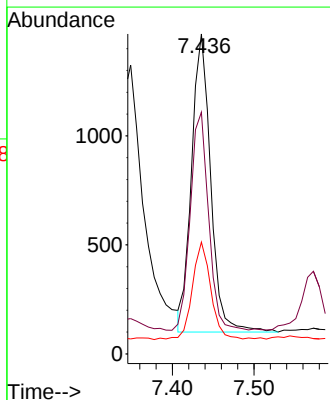
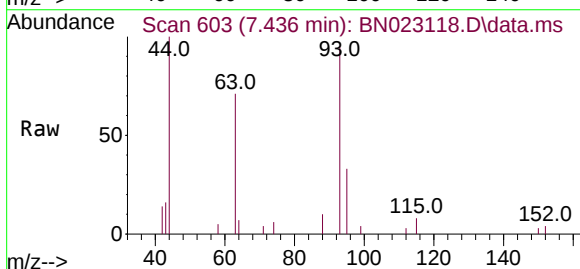
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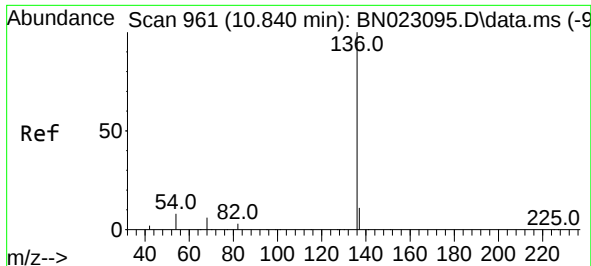
12/13/2022



#6
bis(2-Chloroethyl)ether
Concen: 0.113 ng
RT: 7.436 min Scan# 603
Delta R.T. -0.000 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15

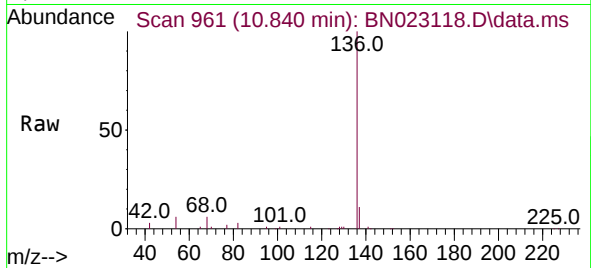
Tgt Ion: 93 Resp: 2228
Ion Ratio Lower Upper
93 100
63 70.2 58.1 87.1
95 31.4 25.2 37.8





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.840 min Scan# 961
Delta R.T. -0.000 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15

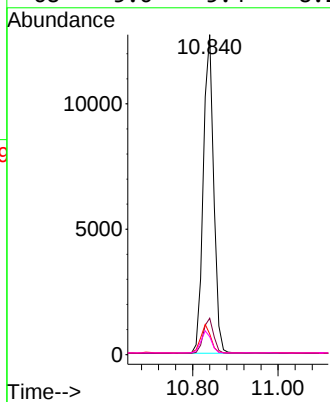
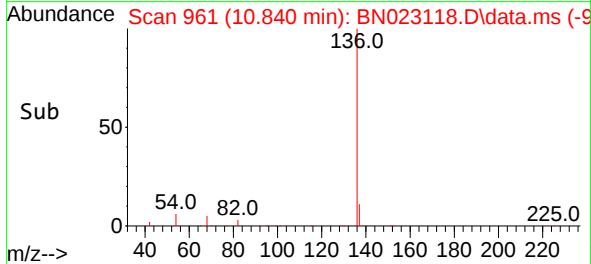
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022



Tgt Ion:	136	Resp:	21486
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	6.4	6.5	9.7
68	5.6	5.4	8.2

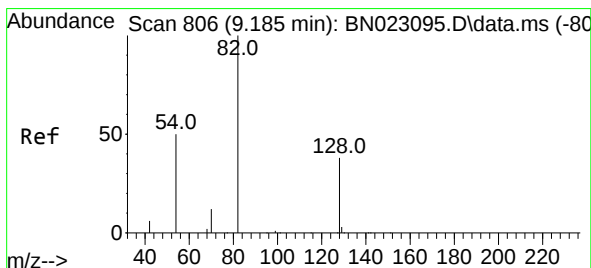
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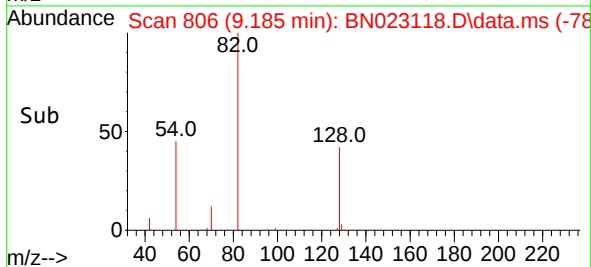
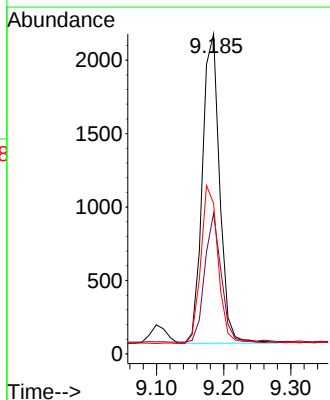
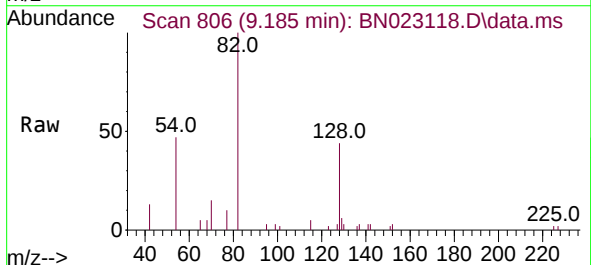
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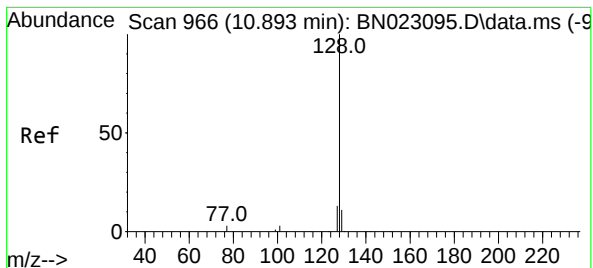
12/13/2022



#8
Nitrobenzene-d5
Concen: 0.267 ng
RT: 9.185 min Scan# 806
Delta R.T. -0.000 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15

Tgt Ion:	82	Resp:	3780
Ion Ratio	Lower	Upper	
82	100		
128	43.9	31.4	47.2
54	47.1	41.0	61.4





#9

Naphthalene

Concen: 0.103 ng

RT: 10.883 min Scan# 966

Delta R.T. -0.000 min

Lab File: BN023118.D

Acq: 10 Dec 2022 12:15

Instrument :

BNA_N

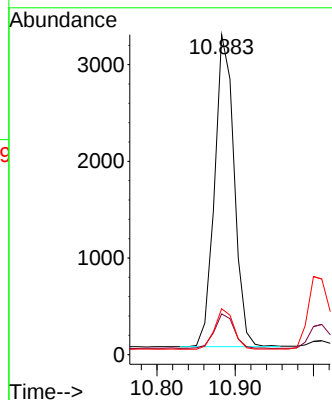
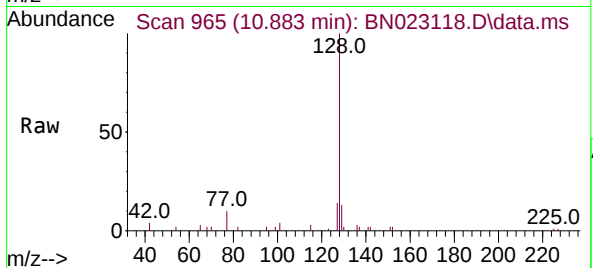
ClientSampleId :

MDL-SOIL-03-QT4-2022

Tgt Ion:	128	Resp:	5610
Ion Ratio	Lower	Upper	
128	100		
129	12.7	9.0	13.6
127	14.3	10.5	15.7

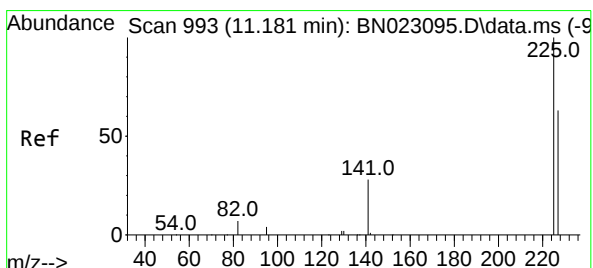
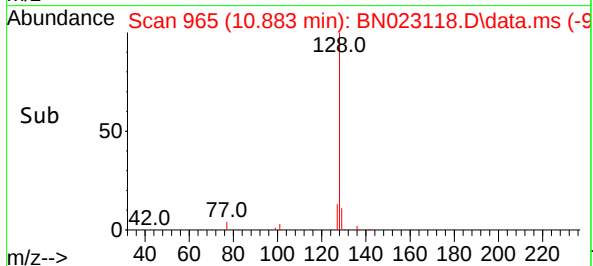
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#10

Hexachlorobutadiene

Concen: 0.108 ng

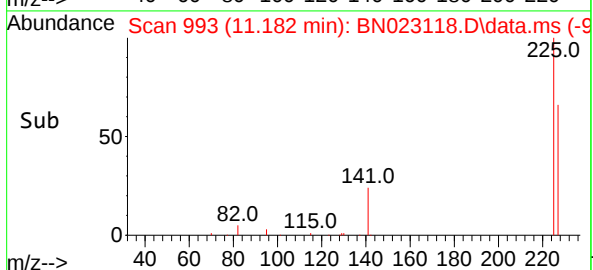
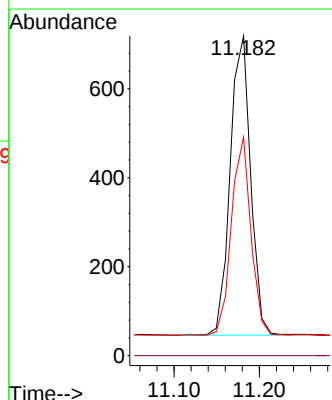
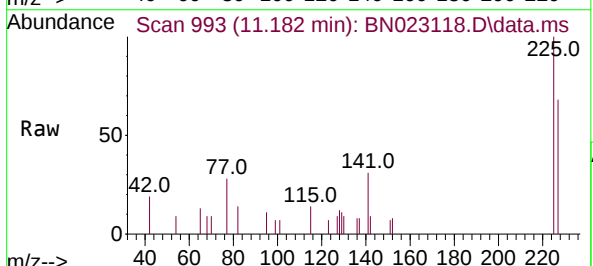
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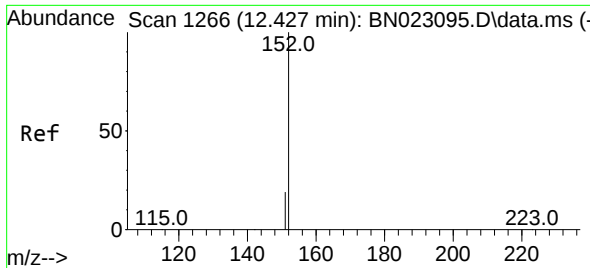
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Lab File: BN023118.D

Acq: 10 Dec 2022 12:15

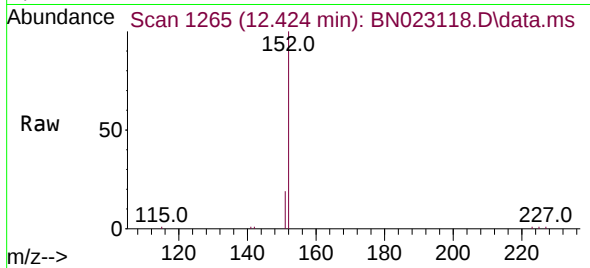
Tgt Ion:	225	Resp:	1124
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	62.9	51.1	76.7





#11
2-Methylnaphthalene-d10
Concen: 0.447 ng
RT: 12.424 min Scan# 1183
Delta R.T. 0.004 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15

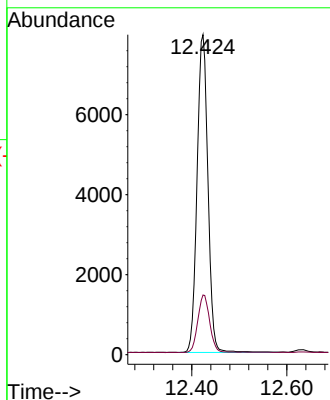
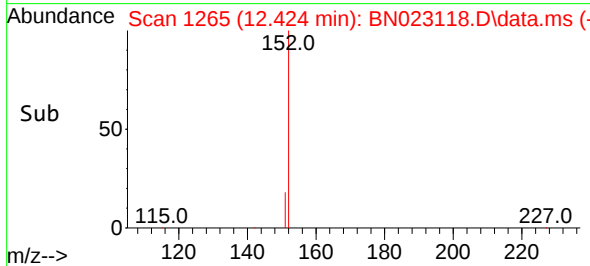
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022



Tgt Ion:152 Resp: 16293
Ion Ratio Lower Upper
152 100
151 15.3 15.1 22.7

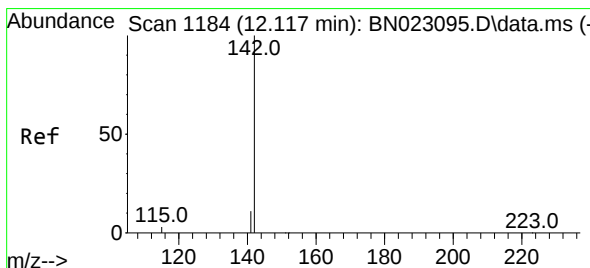
Manual Integrations
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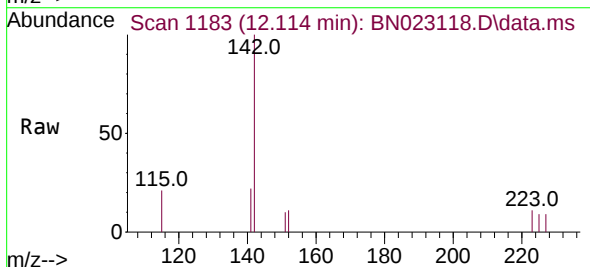


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Supervised By :Jagrut
Upadhyay

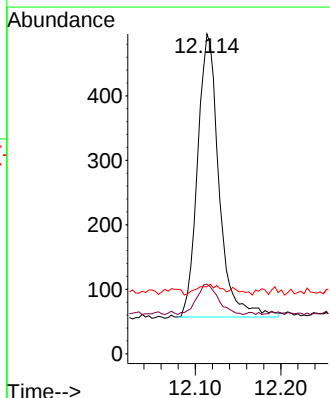
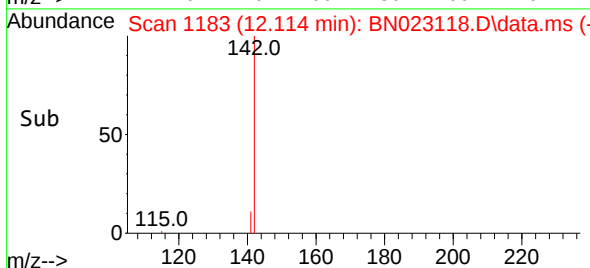
12/13/2022

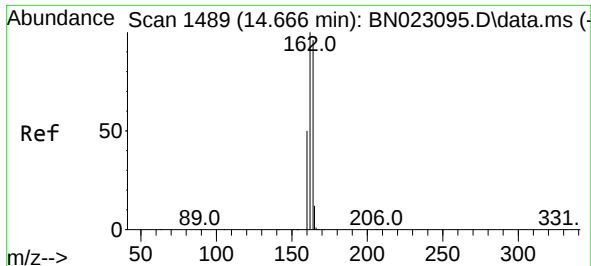


#12
2-Methylnaphthalene
Concen: 0.094 ng
RT: 12.114 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15



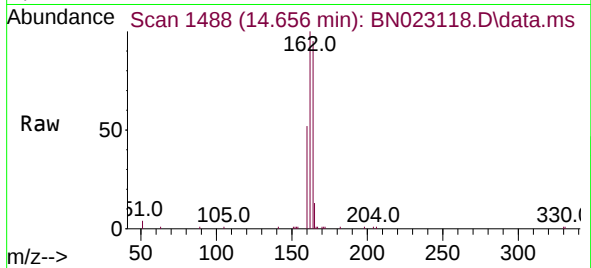
Tgt Ion:142 Resp: 764
Ion Ratio Lower Upper
142 100
141 21.8 10.9 16.3#
115 21.0 5.7 8.5#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.656 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15

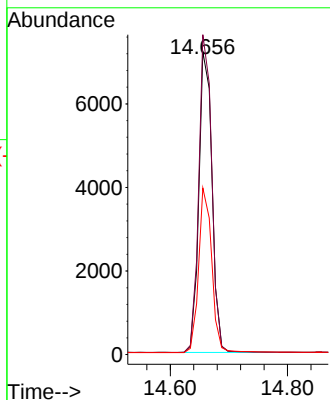
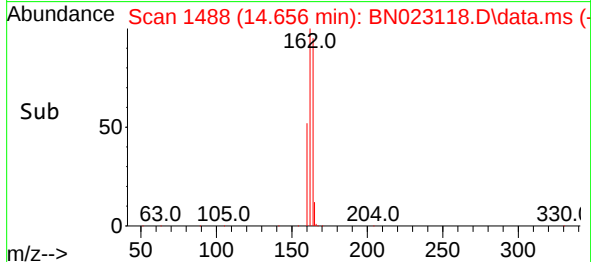
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022



Tgt Ion:164 Resp: 11174
Ion Ratio Lower Upper
164 100
162 105.7 83.4 125.0
160 55.0 41.8 62.8

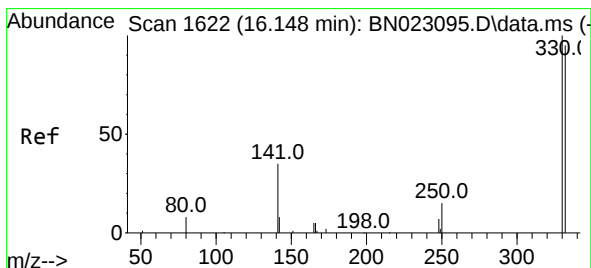
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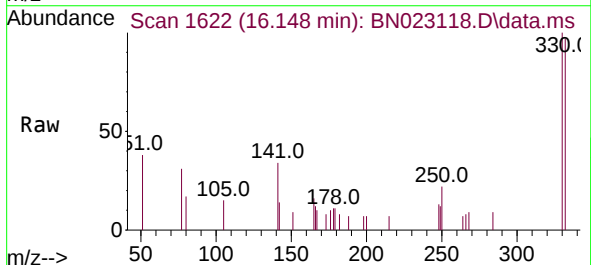


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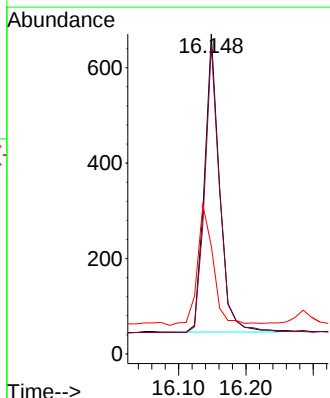
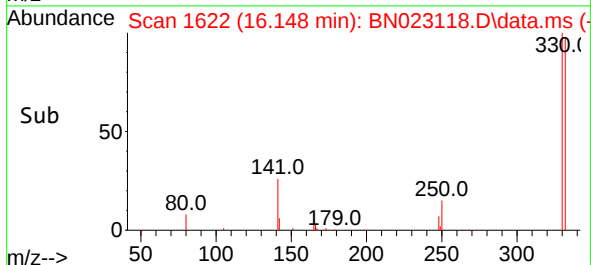
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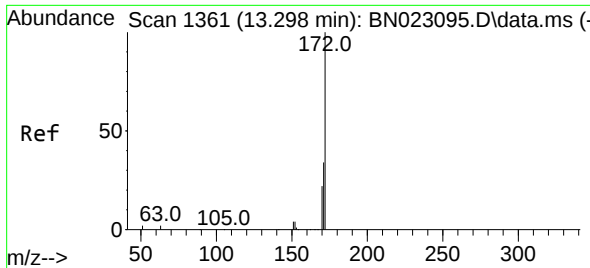


#14
2,4,6-Tribromophenol
Concen: 0.240 ng
RT: 16.148 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15



Tgt Ion:330 Resp: 971
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 42.9 33.5 50.3





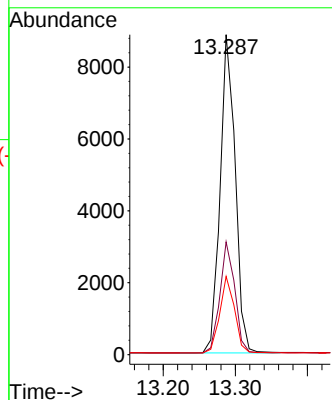
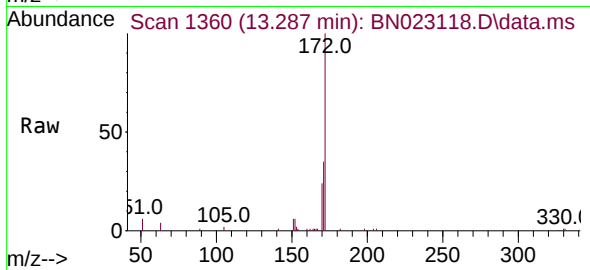
#15
2-Fluorobiphenyl
Concen: 0.290 ng
RT: 13.287 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022

Tgt Ion:172 Resp: 12934
Ion Ratio Lower Upper
172 100
171 35.2 27.4 41.0
170 24.4 17.9 26.9

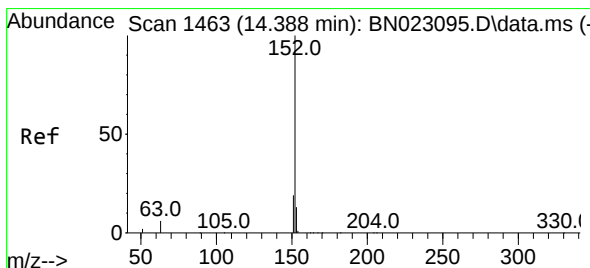
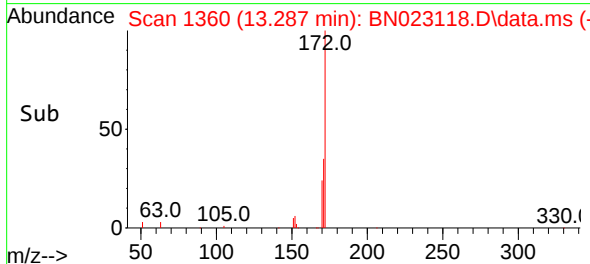
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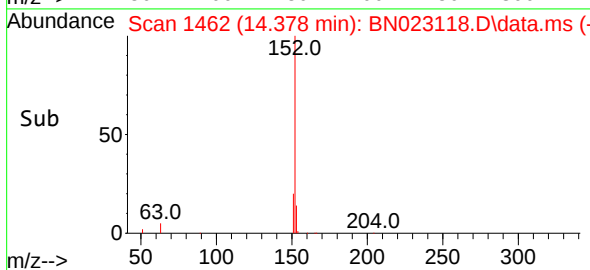
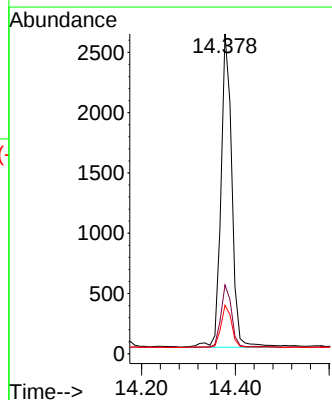
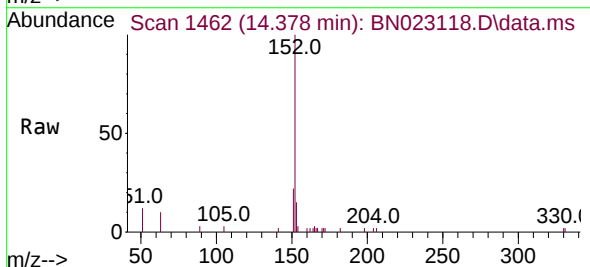
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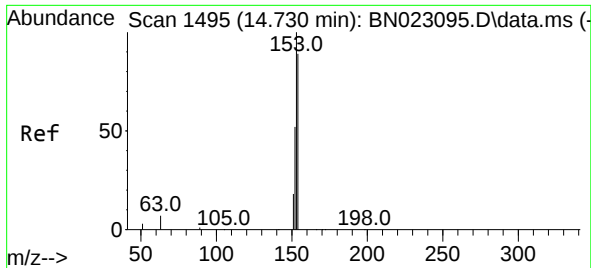
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#16
Acenaphthylene
Concen: 0.093 ng
RT: 14.378 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15

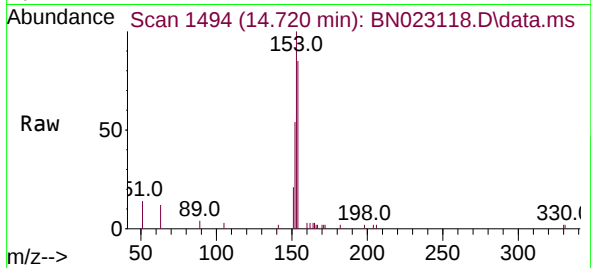
Tgt Ion:152 Resp: 4194
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.2
153 13.8 10.3 15.5





#17
Acenaphthene
Concen: 0.099 ng
RT: 14.720 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15

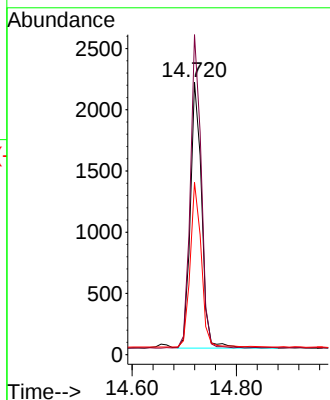
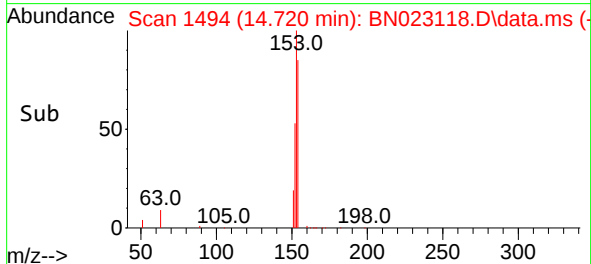
Instrument : BNA_N
ClientSampleId : MDL-SOIL-03-QT4-2022



Tgt Ion:154 Resp: 3260
Ion Ratio Lower Upper
154 100
153 113.6 88.6 132.8
152 60.3 48.1 72.1

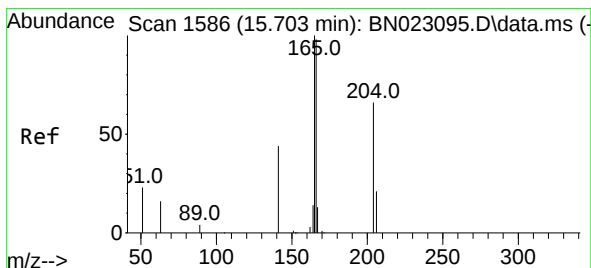
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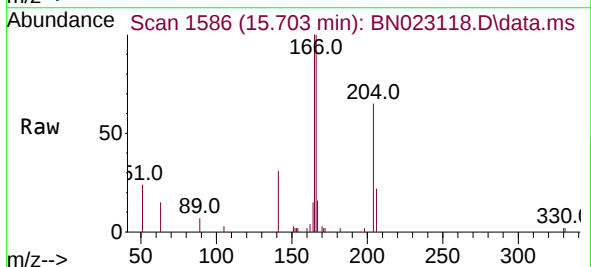


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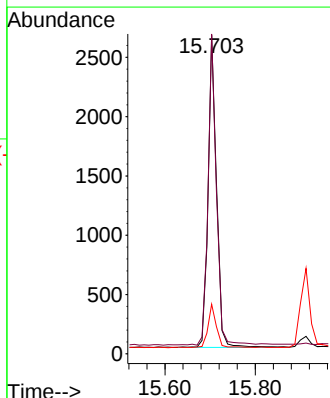
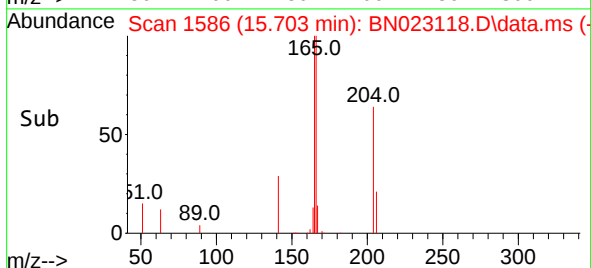
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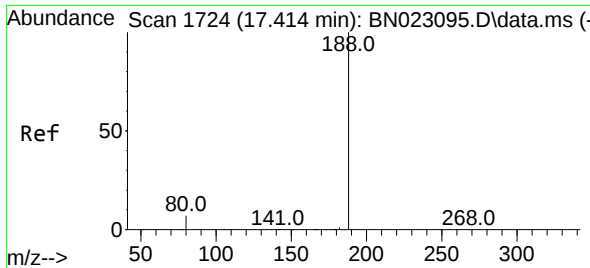


#18
Fluorene
Concen: 0.098 ng
RT: 15.703 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15



Tgt Ion:166 Resp: 3628
Ion Ratio Lower Upper
166 100
165 98.1 79.8 119.6
167 13.7 10.6 16.0





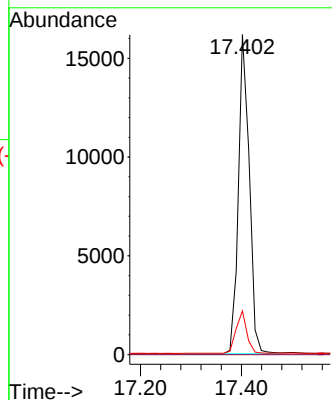
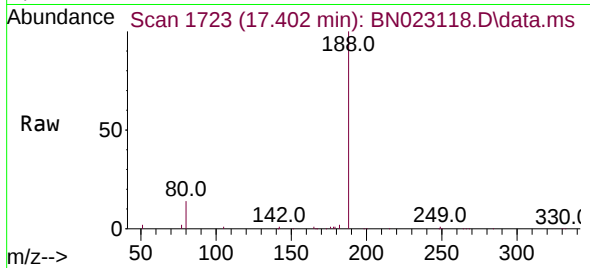
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.402 min Scan# 1723
Delta R.T. -0.000 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022

Tgt Ion:188 Resp: 24133
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 6.1 9.1

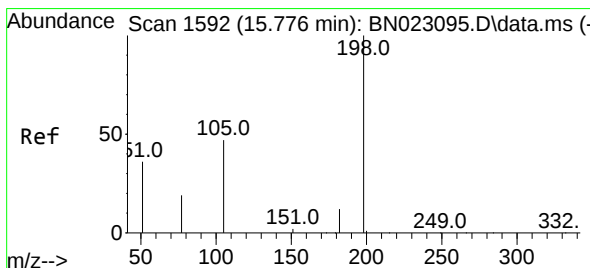
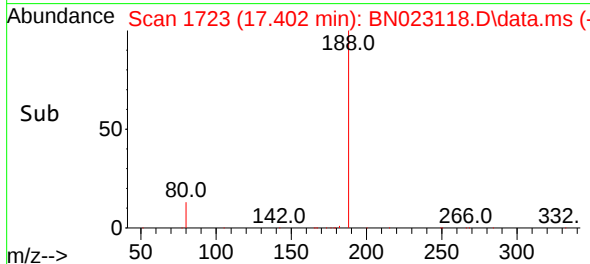
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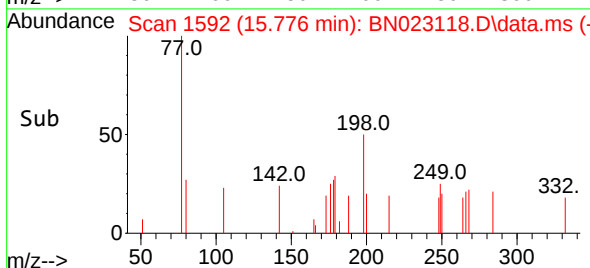
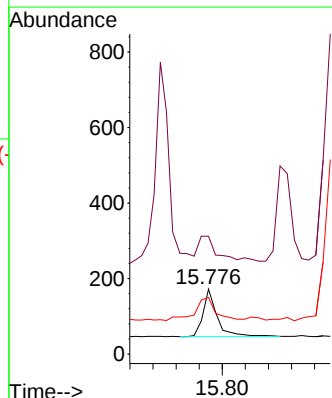
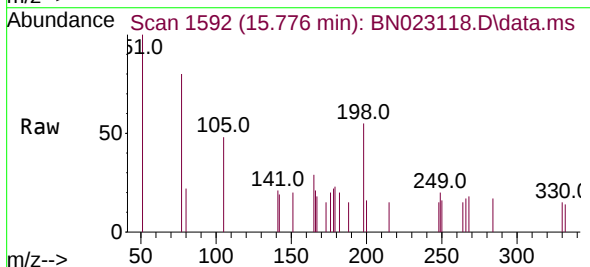
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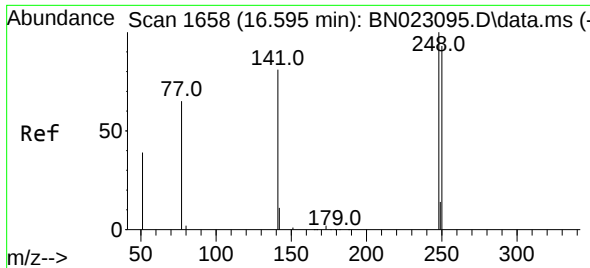
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#20
4,6-Dinitro-2-methylphenol
Concen: 0.062 ng
RT: 15.776 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15

Tgt Ion:198 Resp: 215
Ion Ratio Lower Upper
198 100
51 181.4 57.0 85.4#
105 87.2 47.2 70.8#





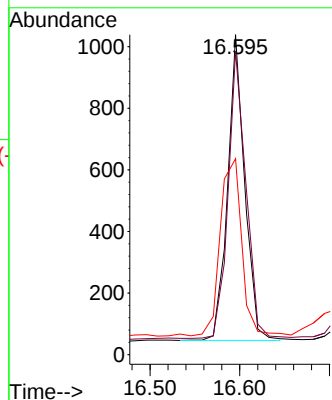
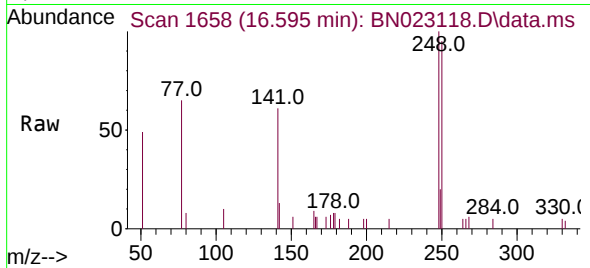
#21
4-Bromophenyl-phenylether
Concen: 0.102 ng
RT: 16.595 min Scan# 1658
Delta R.T. 0.000 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022

Tgt Ion:248 Resp: 1318
Ion Ratio Lower Upper
248 100
250 94.9 74.3 111.5
141 61.2 65.0 97.6

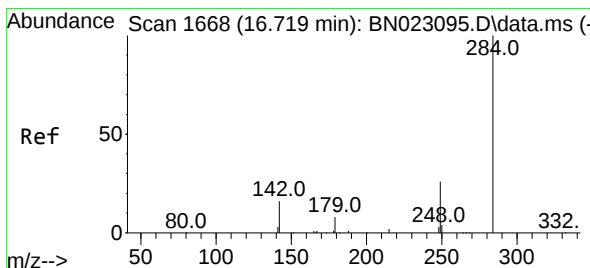
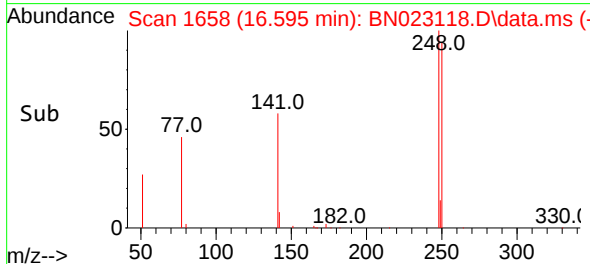
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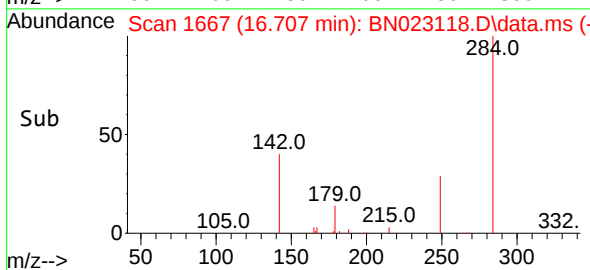
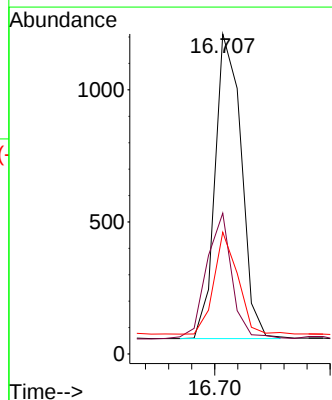
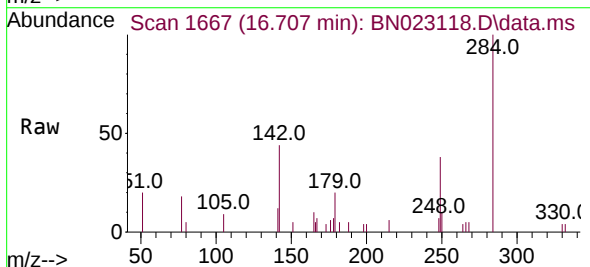
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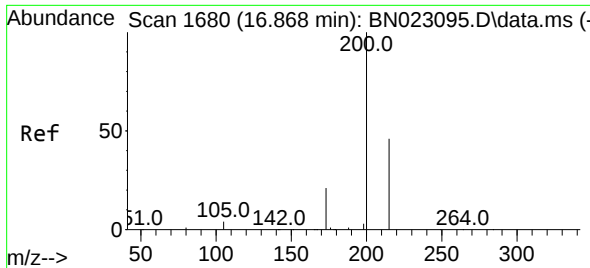
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#22
Hexachlorobenzene
Concen: 0.108 ng
RT: 16.707 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15

Tgt Ion:284 Resp: 1819
Ion Ratio Lower Upper
284 100
142 40.2 31.0 46.4
249 30.2 24.4 36.6





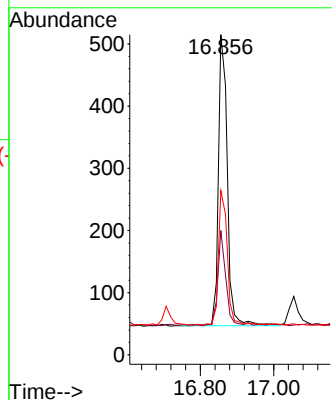
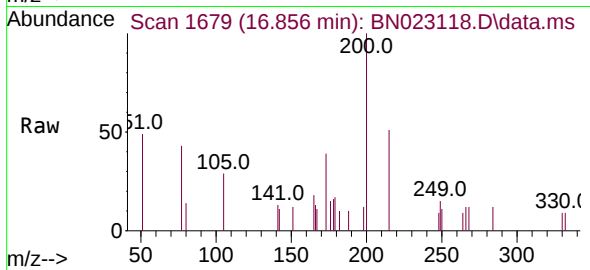
#23
Atrazine
Concen: 0.087 ng
RT: 16.856 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15

Instrument : BNA_N
ClientSampleId : MDL-SOIL-03-QT4-2022

Tgt Ion:200 Resp: 788
Ion Ratio Lower Upper
200 100
173 38.8 18.2 27.4
215 51.3 38.0 57.0

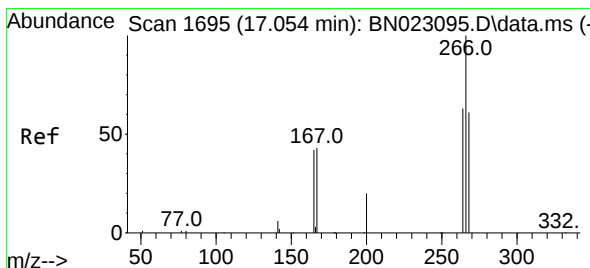
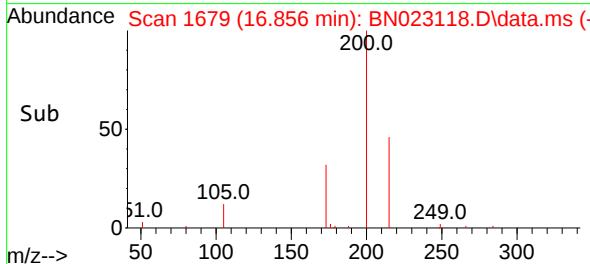
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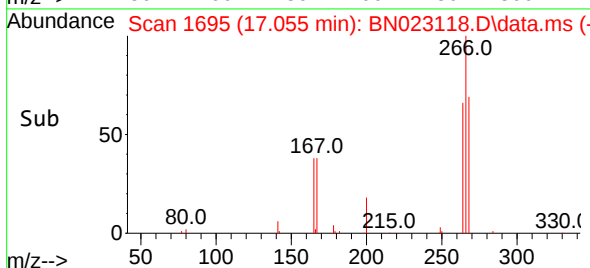
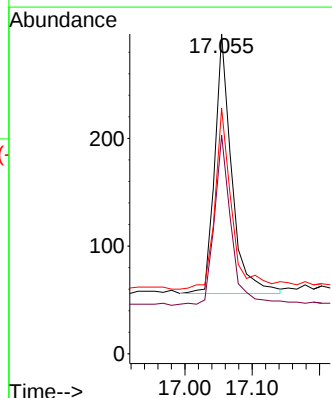
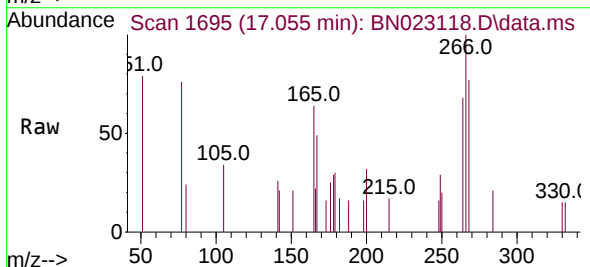
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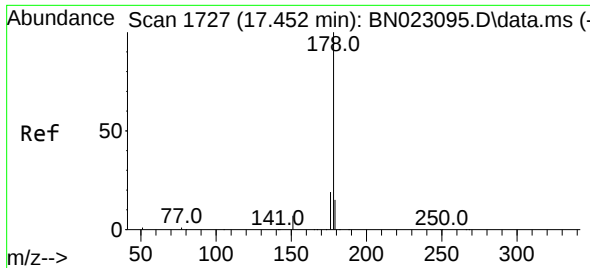
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#24
Pentachlorophenol
Concen: 0.072 ng
RT: 17.055 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15

Tgt Ion:266 Resp: 422
Ion Ratio Lower Upper
266 100
264 67.8 50.1 75.1
268 70.9 49.7 74.5





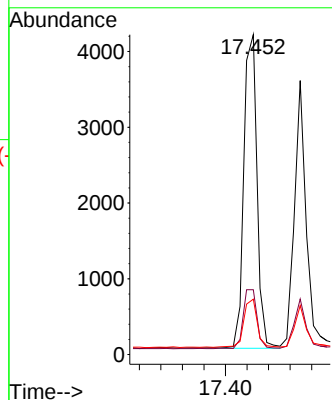
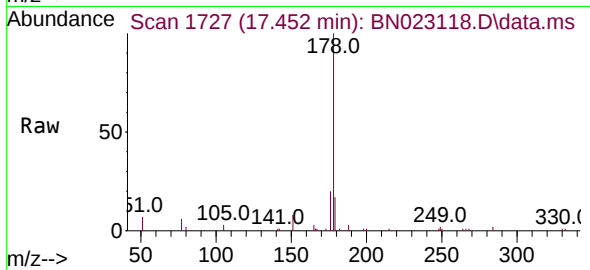
#25
Phenanthrene
Concen: 0.098 ng
RT: 17.452 min Scan# 1727
Delta R.T. 0.012 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022

Tgt Ion:178 Resp: 7064
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.7 12.2 18.2

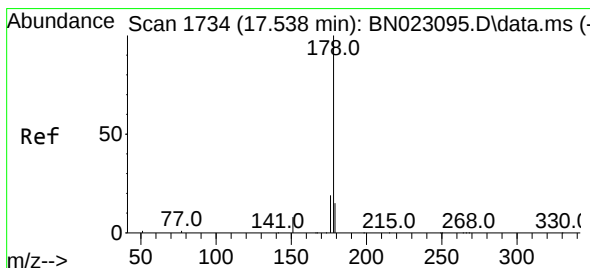
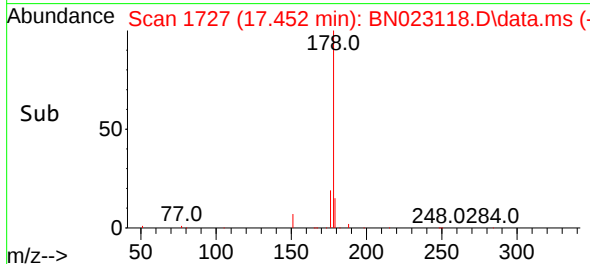
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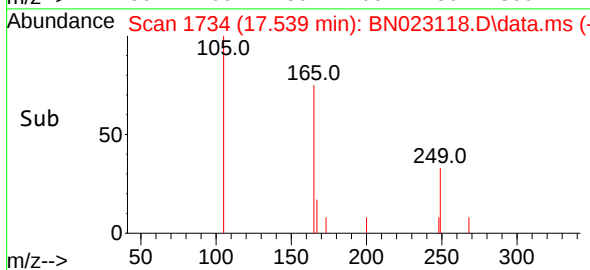
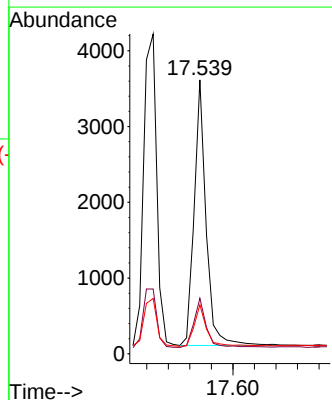
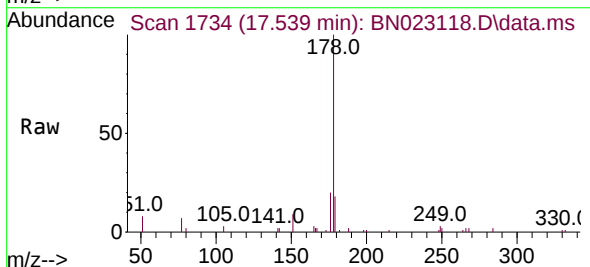
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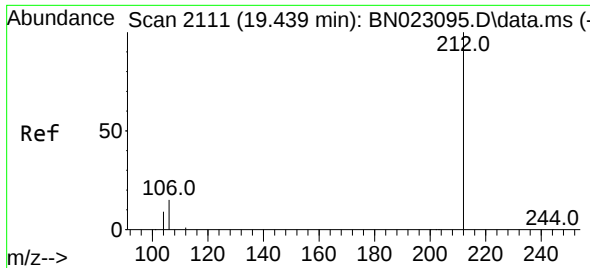
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#26
Anthracene
Concen: 0.094 ng
RT: 17.539 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15

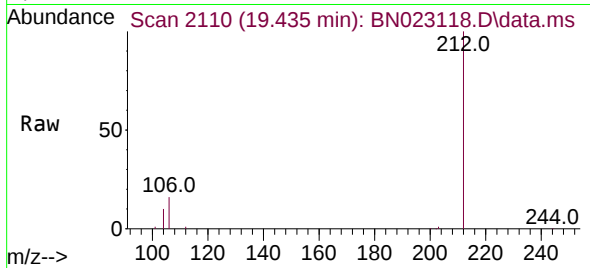
Tgt Ion:178 Resp: 5387
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 16.0 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.449 ng
RT: 19.435 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15

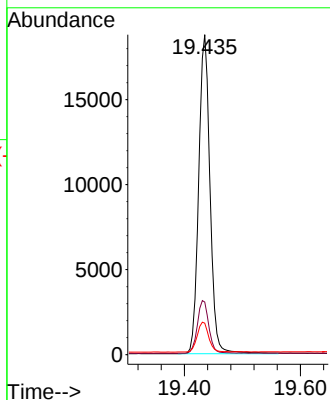
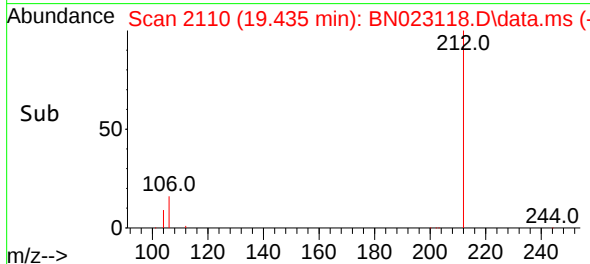
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022



Tgt Ion:212 Resp: 25369
Ion Ratio Lower Upper
212 100
106 16.8 13.0 19.4
104 9.5 7.5 11.3

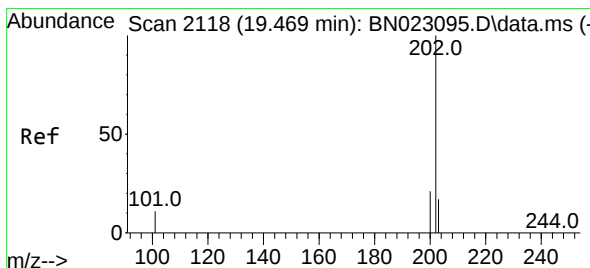
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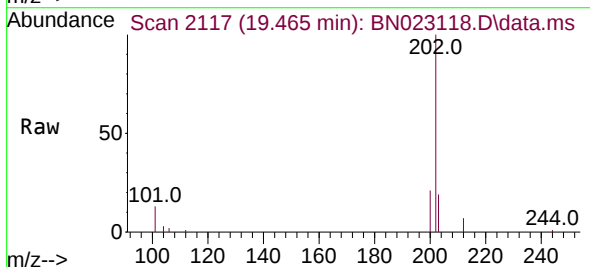


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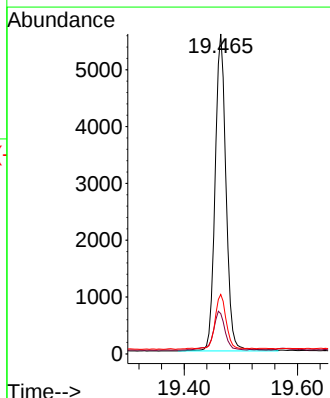
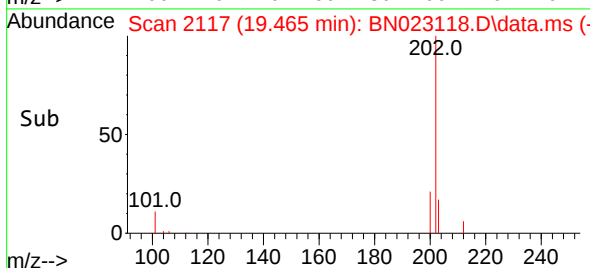
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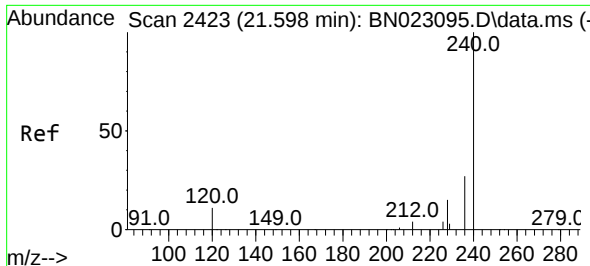


#28
Fluoranthene
Concen: 0.097 ng
RT: 19.465 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15



Tgt Ion:202 Resp: 7465
Ion Ratio Lower Upper
202 100
101 13.2 9.7 14.5
203 16.8 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.589 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BN023118.D

Acq: 10 Dec 2022 12:15

Instrument :

BNA_N

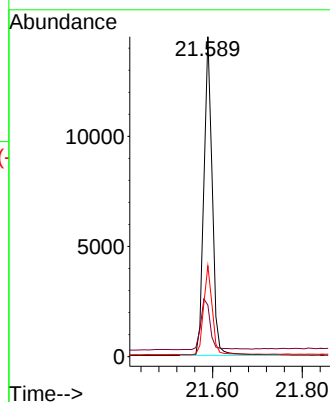
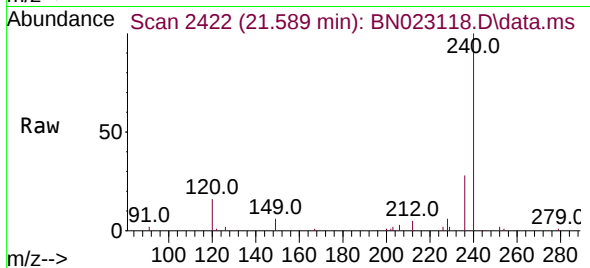
ClientSampleId :

MDL-SOIL-03-QT4-2022

Tgt Ion:240	Resp:	18898
Ion Ratio	Lower	Upper
240	100	
120	16.1	10.1 15.1
236	28.4	22.2 33.4

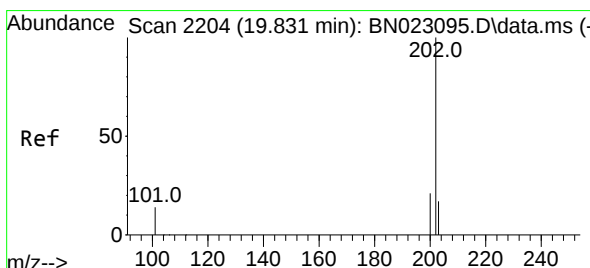
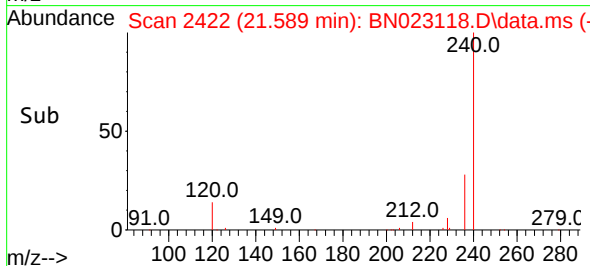
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#30

Pyrene

Concen: 0.102 ng

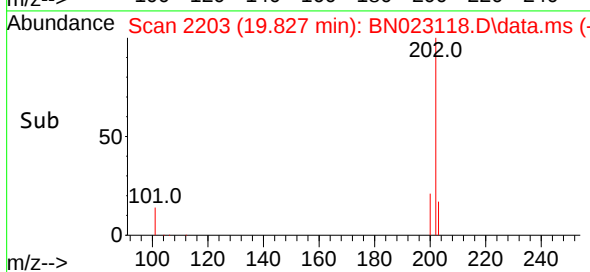
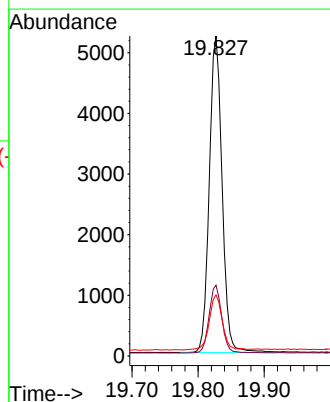
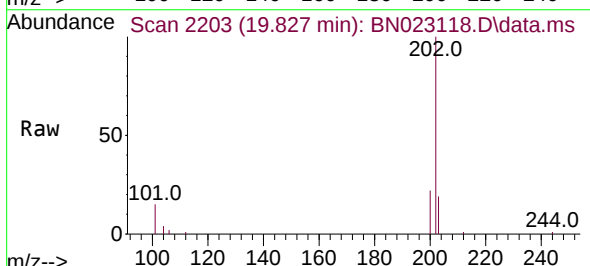
RT: 19.827 min Scan# 2203

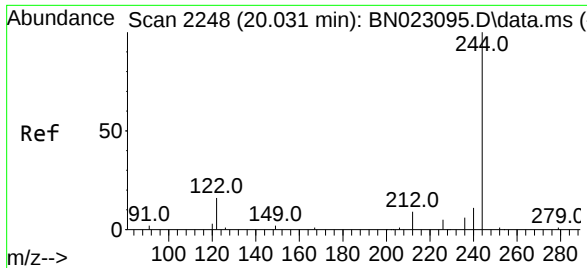
Delta R.T. -0.000 min

Lab File: BN023118.D

Acq: 10 Dec 2022 12:15

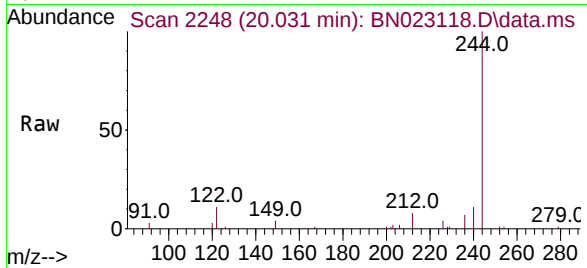
Tgt Ion:202	Resp:	7037
Ion Ratio	Lower	Upper
202	100	
200	21.1	16.9 25.3
203	17.5	14.2 21.4





#31
 Terphenyl-d14
 Concen: 0.285 ng
 RT: 20.031 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN023118.D
 Acq: 10 Dec 2022 12:15

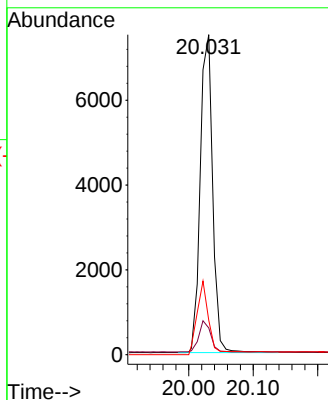
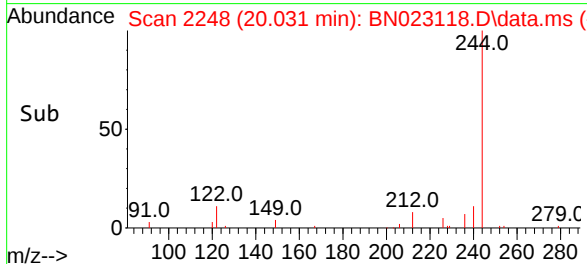
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2022



Tgt Ion:244 Resp: 875
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.6 11.4
 122 10.7 12.6 18.8

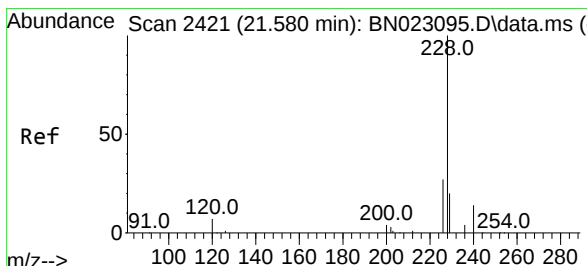
Manual Integrations
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Reviewed By :Christian
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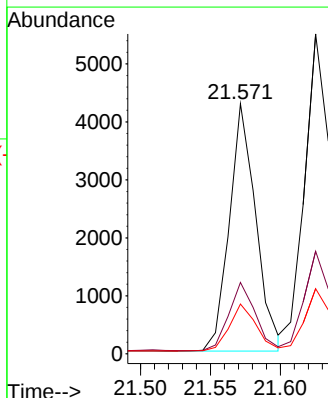
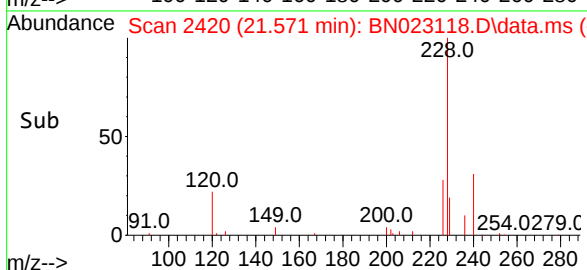
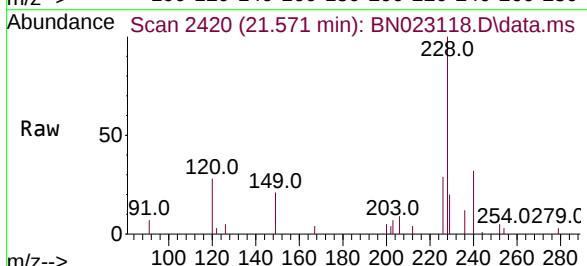
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 Supervised By :Jagrut
 Upadhyay

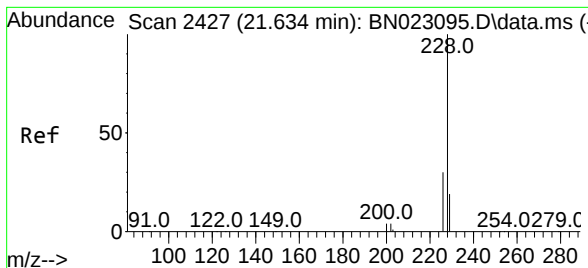
12/13/2022



#32
 Benzo(a)anthracene
 Concen: 0.092 ng
 RT: 21.571 min Scan# 2420
 Delta R.T. -0.000 min
 Lab File: BN023118.D
 Acq: 10 Dec 2022 12:15

Tgt Ion:228 Resp: 5610
 Ion Ratio Lower Upper
 228 100
 226 28.5 22.0 33.0
 229 19.9 15.8 23.8





#33

Chrysene

Concen: 0.104 ng

RT: 21.625 min Scan# 2426

Delta R.T. -0.000 min

Lab File: BN023118.D

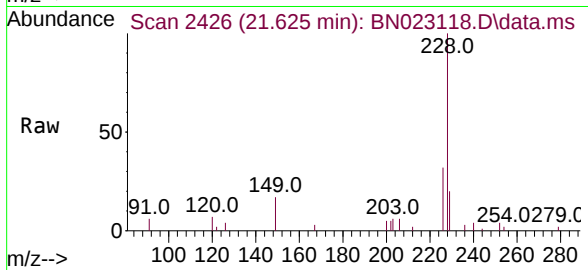
Acq: 10 Dec 2022 12:15

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT4-2022



Tgt Ion:228 Resp: 7140

Ion Ratio Lower Upper

228 100

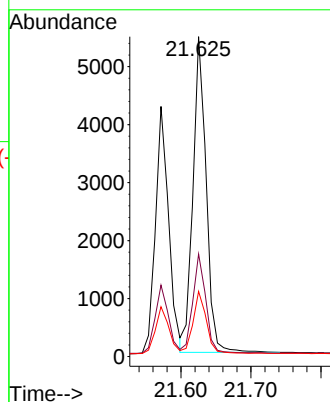
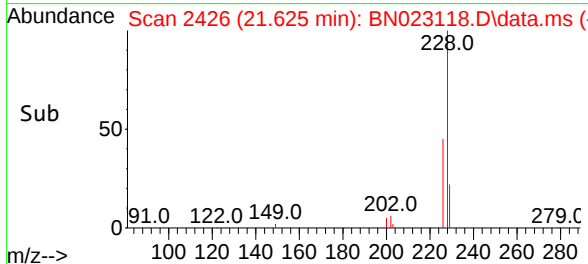
226 32.1 24.4 36.6

229 20.4 15.6 23.4

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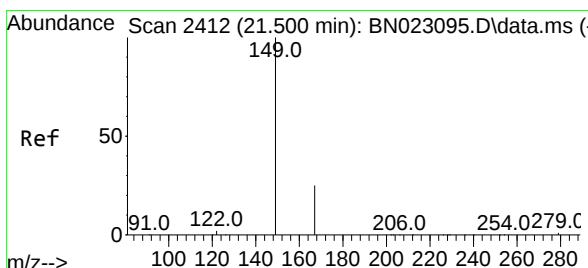
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Reviewed By :Christian
Giraldo



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Supervised By :Jagrut
Upadhyay

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#34

Bis(2-ethylhexyl)phthalate

Concen: 0.152 ng

RT: 21.491 min Scan# 2411

Delta R.T. -0.000 min

Lab File: BN023118.D

Acq: 10 Dec 2022 12:15

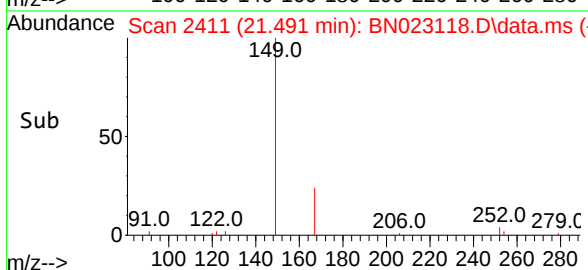
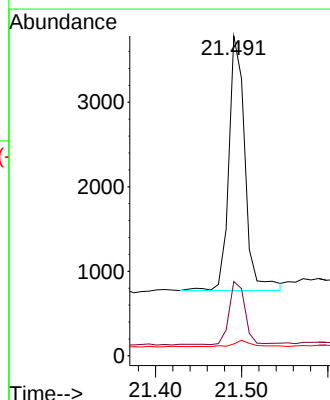
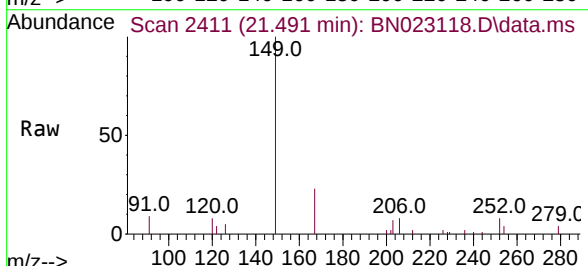
Tgt Ion:149 Resp: 3921

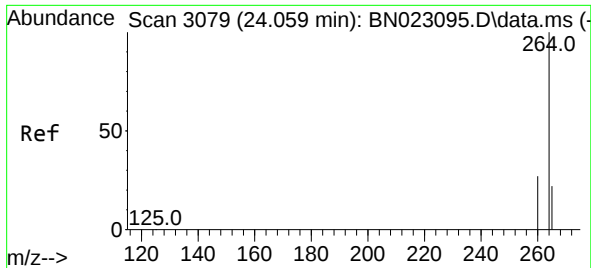
Ion Ratio Lower Upper

149 100

167 24.1 20.2 30.2

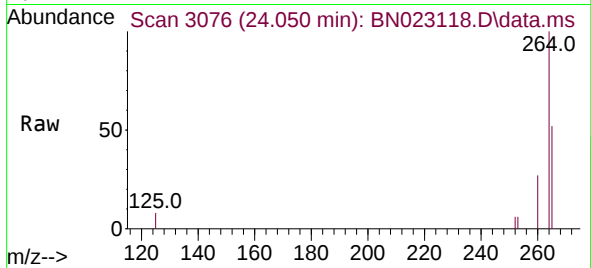
279 2.6 2.3 3.5





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.050 min Scan# 3076
 Delta R.T. -0.000 min
 Lab File: BN023118.D
 Acq: 10 Dec 2022 12:15

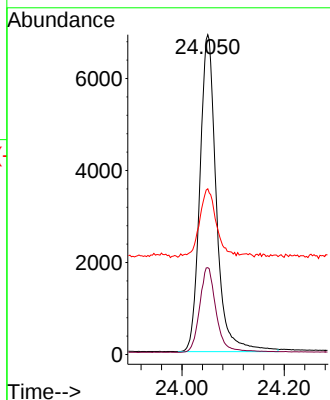
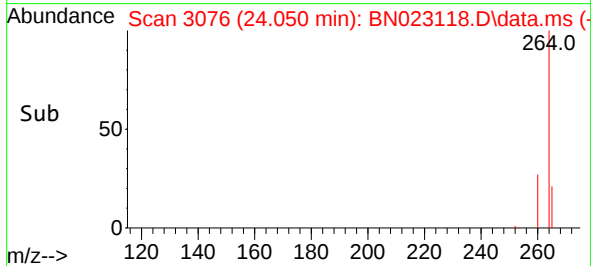
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT4-2022



Tgt Ion:264 Resp: 15474
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.7 32.5
 265 51.8 43.2 64.8

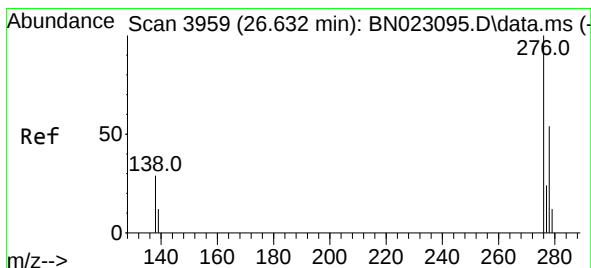
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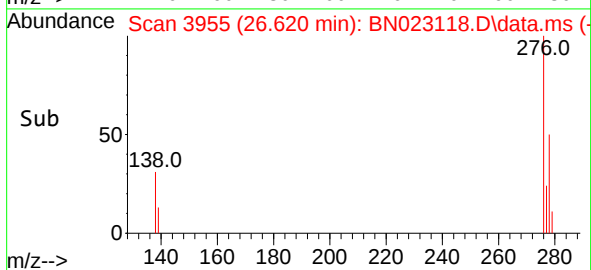
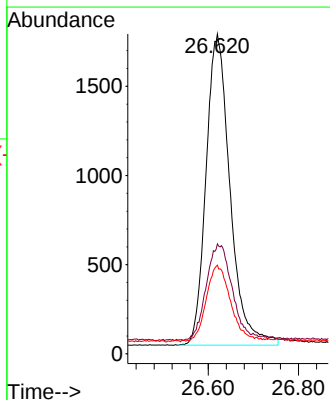
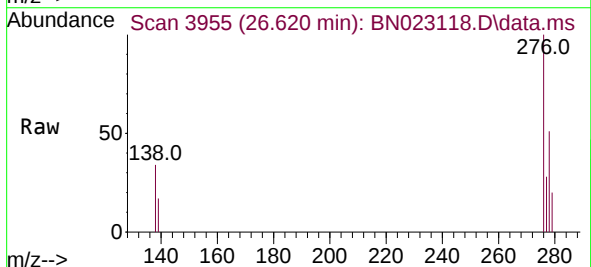
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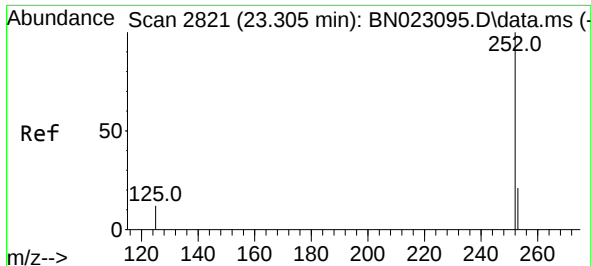
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#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.093 ng
 RT: 26.620 min Scan# 3955
 Delta R.T. 0.003 min
 Lab File: BN023118.D
 Acq: 10 Dec 2022 12:15

Tgt Ion:276 Resp: 6440
 Ion Ratio Lower Upper
 276 100
 138 32.8 25.0 37.6
 277 24.3 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.099 ng

RT: 23.296 min Scan# 2818

Delta R.T. -0.000 min

Lab File: BN023118.D

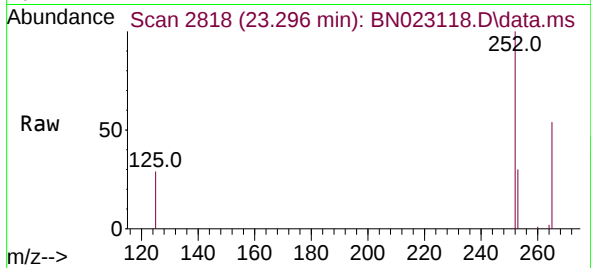
Acq: 10 Dec 2022 12:15

Instrument :

BN023118.D

ClientSampleId :

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Tgt Ion:252 Resp: 6375

Ion Ratio Lower Upper

252 100

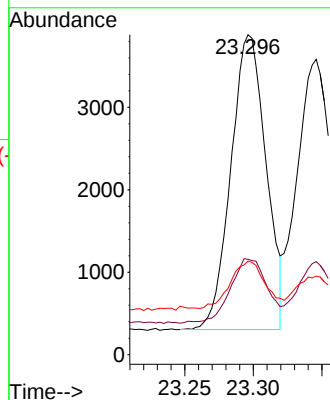
253 29.8 19.0 28.4

125 29.3 12.8 19.2

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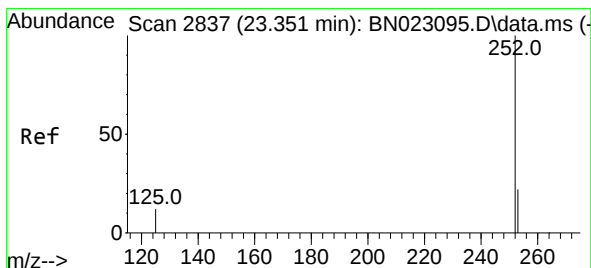
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Upadhyay

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#38

Benzo(k)fluoranthene

Concen: 0.094 ng m

RT: 23.346 min Scan# 2835

Delta R.T. -0.000 min

Lab File: BN023118.D

Acq: 10 Dec 2022 12:15

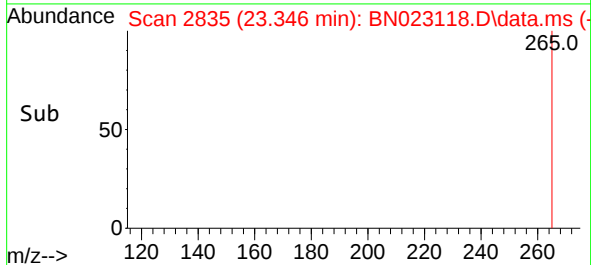
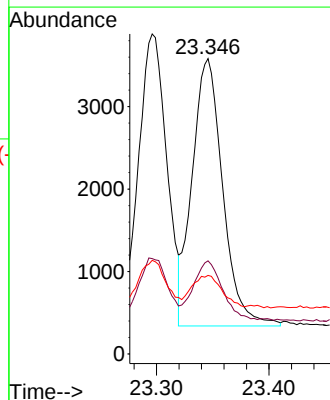
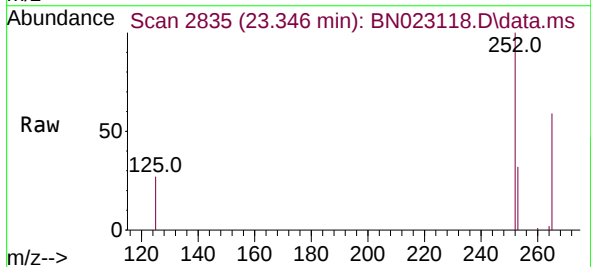
Tgt Ion:252 Resp: 6147

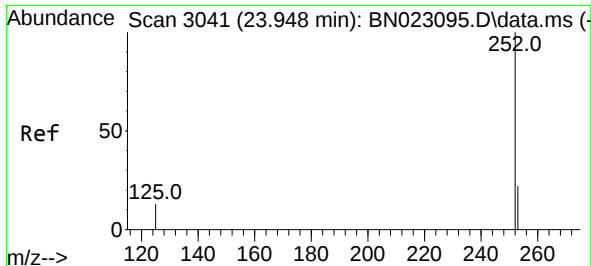
Ion Ratio Lower Upper

252 100

253 31.5 19.1 28.7

125 26.6 12.5 18.7





#39

Benzo(a)pyrene

Concen: 0.115 ng

RT: 23.939 min Scan# 3041

Delta R.T. -0.003 min

Lab File: BN023118.D

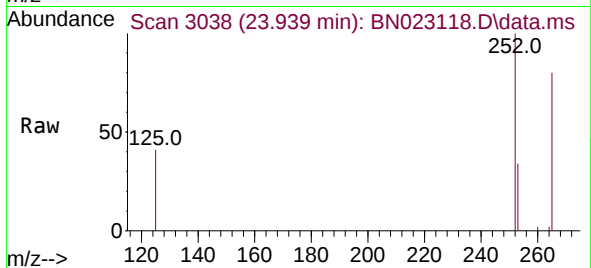
Acq: 10 Dec 2022 12:15

Instrument :

BN023118.D

ClientSampleId :

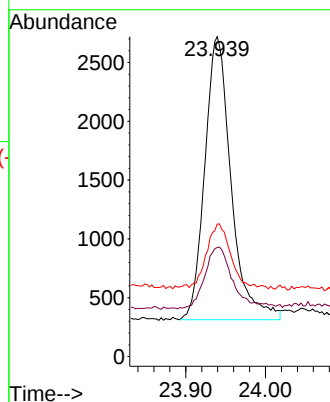
MDL-SOIL-03-QT4-2022



Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.0	20.6	30.8
125	41.4	15.8	23.8

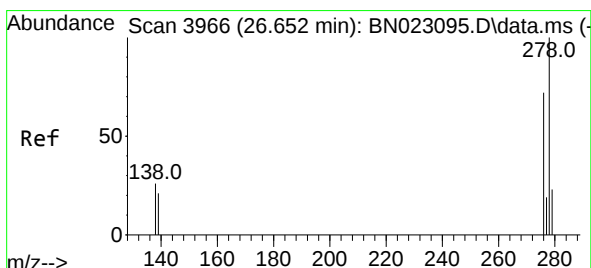
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#40

Dibenzo(a,h)anthracene

Concen: 0.090 ng

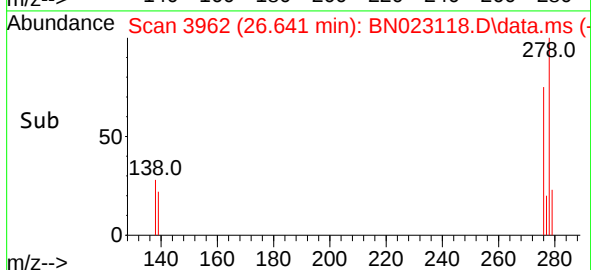
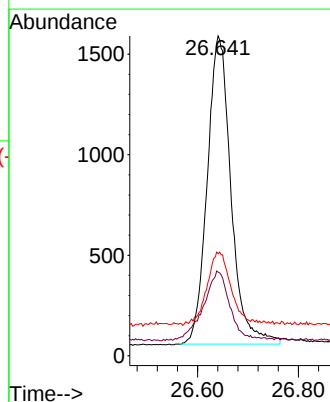
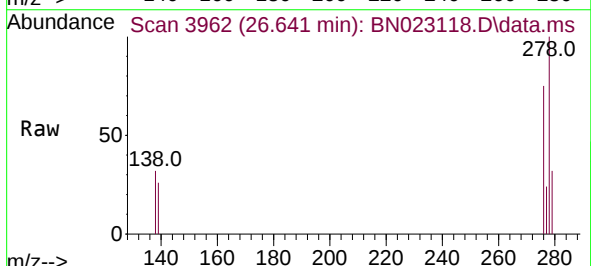
RT: 26.641 min Scan# 3962

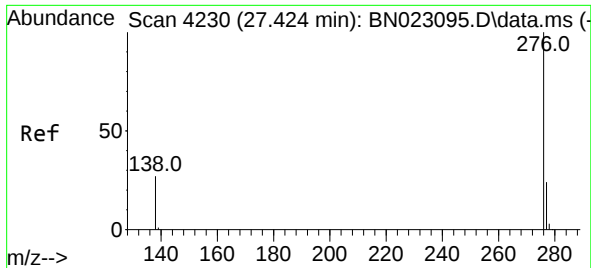
Delta R.T. 0.003 min

Lab File: BN023118.D

Acq: 10 Dec 2022 12:15

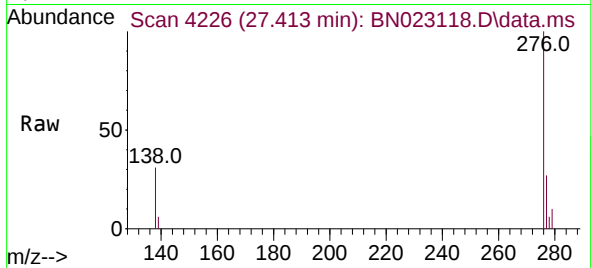
Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.1	17.5	26.3
279	31.9	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.093 ng
RT: 27.413 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN023118.D
Acq: 10 Dec 2022 12:15

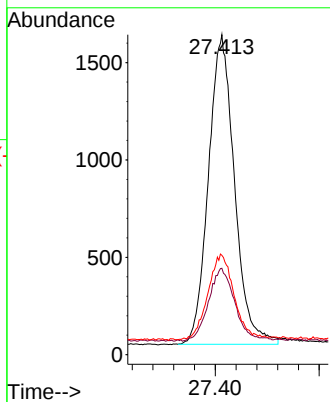
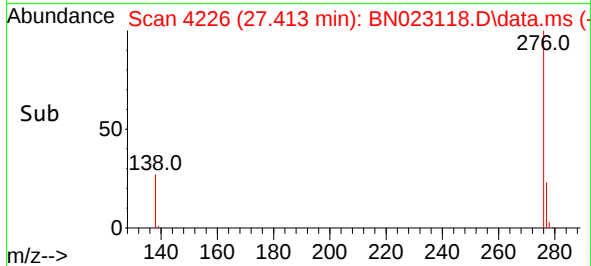
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT4-2022



Tgt Ion: 276 Resp: 553
Ion Ratio Lower Upper
276 100
277 27.0 19.9 29.9
138 31.0 22.2 33.2

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