

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031822\
 Data File : BN019012.D
 Acq On : 18 Mar 2022 12:27
 Operator : CG/JU
 Sample : N1645-03
 Misc : MDL-MDL-SOIL 0.2ng
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Quant Time: Mar 18 16:27:13 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 16:26:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/21/2022
 Supervised By :Jagrut Upadhyay 03/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4971	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	13186	0.400	ng	# 0.00
13) Acenaphthene-d10	14.495	164	8218	0.400	ng	0.00
19) Phenanthrene-d10	17.235	188	16500	0.400	ng	# 0.00
29) Chrysene-d12	21.422	240	10703	0.400	ng	# 0.00
35) Perylene-d12	23.790	264	7406	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	4244	0.381	ng	0.00
5) Phenol-d6	7.016	99	3955	0.339	ng	0.00
8) Nitrobenzene-d5	9.014	82	3115	0.328	ng	0.00
11) 2-Methylnaphthalene-d10	12.253	152	8066	0.369	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	1010	0.255	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	12616	0.383	ng	-0.01
27) Fluoranthene-d10	19.265	212	17785	0.363	ng	0.00
31) Terphenyl-d14	19.864	244	10783	0.410	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	1243	0.202	ng	99
3) n-Nitrosodimethylamine	3.579	42	1160	0.162	ng	96
6) bis(2-Chloroethyl)ether	7.269	93	2700	0.194	ng	98
9) Naphthalene	10.711	128	7833	0.209	ng	98
10) Hexachlorobutadiene	11.010	225	1850	0.202	ng	# 99
12) 2-Methylnaphthalene	12.325	142	5154	0.202	ng	98
16) Acenaphthylene	14.206	152	6506	0.171	ng	100
17) Acenaphthene	14.548	154	5032	0.188	ng	97
18) Fluorene	15.543	166	6119	0.182	ng	98
20) 4,6-Dinitro-2-methylph...	15.628	198	185	0.091	ng	# 6
21) 4-Bromophenyl-phenylether	16.425	248	1753	0.168	ng	# 85
22) Hexachlorobenzene	16.548	284	2710	0.202	ng	98
23) Atrazine	16.692	200	1248	0.161	ng	98
24) Pentachlorophenol	16.897	266	332	0.081	ng	96
25) Phenanthrene	17.277	178	9390	0.182	ng	99
26) Anthracene	17.369	178	6787	0.156	ng	99
28) Fluoranthene	19.295	202	11309	0.187	ng	98
30) Pyrene	19.657	202	11169	0.209	ng	99
32) Benzo(a)anthracene	21.404	228	5067	0.154	ng	97
33) Chrysene	21.458	228	8744	0.197	ng	98
34) Bis(2-ethylhexyl)phtha...	21.333	149	3788	0.173	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.249	276	5309m	0.199	ng	
37) Benzo(b)fluoranthene	23.074	252	4791	0.177	ng	# 83
38) Benzo(k)fluoranthene	23.121	252	7190m	0.194	ng	
39) Benzo(a)pyrene	23.688	252	5077	0.207	ng	# 67
40) Dibenzo(a,h)anthracene	26.278	278	3838m	0.184	ng	
41) Benzo(g,h,i)perylene	26.992	276	5140	0.196	ng	# 91

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

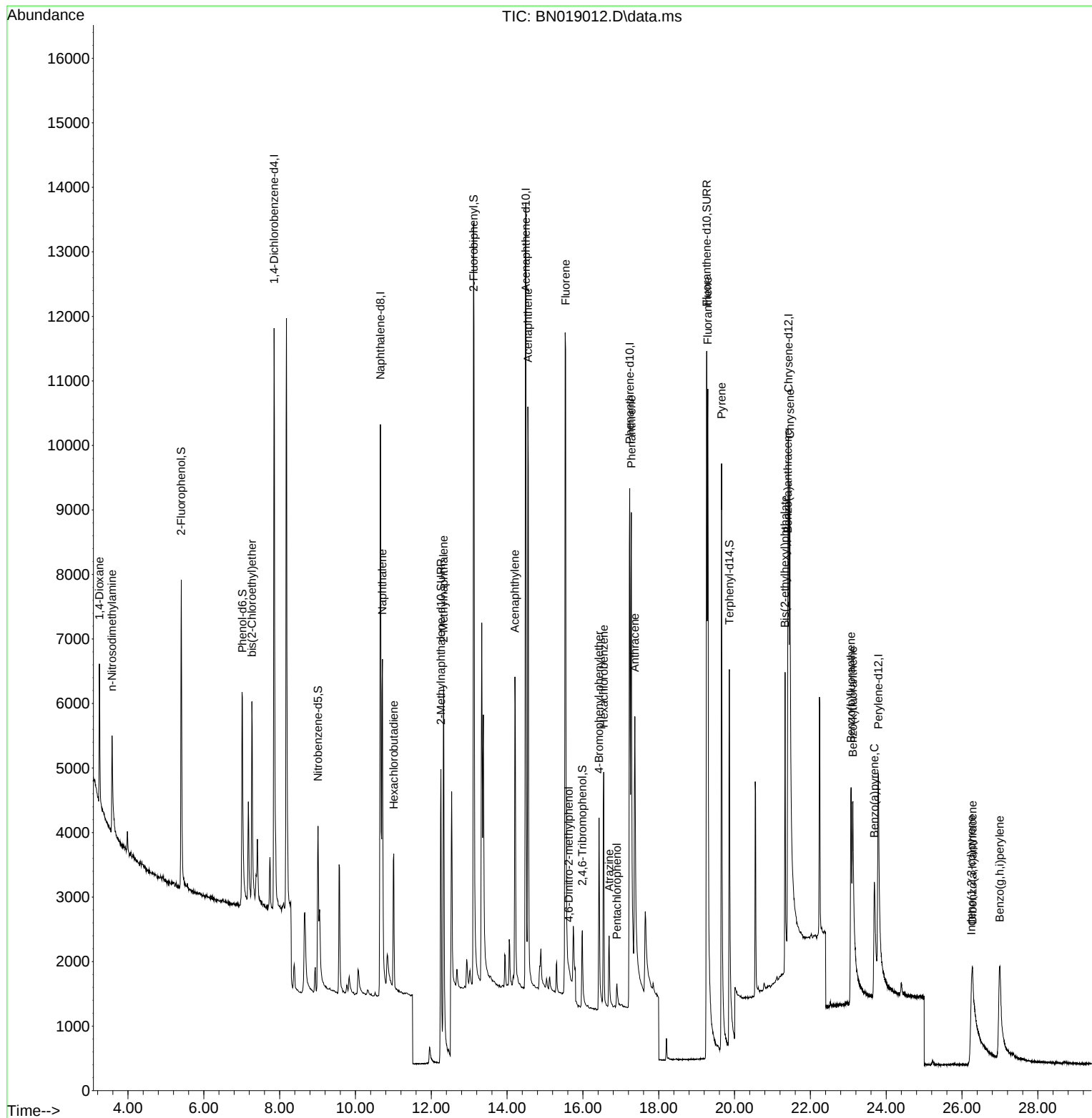
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031822\
Data File : BN019012.D
Acq On : 18 Mar 2022 12:27
Operator : CG/JU
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Misc : MDL-MDL-SOIL 0.2ng
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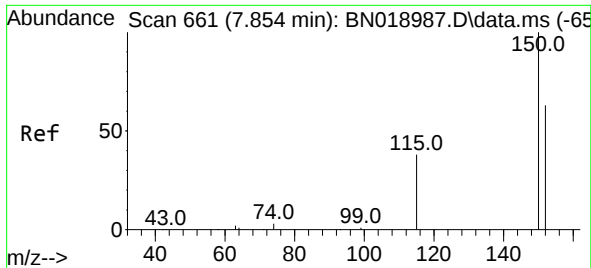
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022

Quant Time: Mar 18 16:27:13 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 16:26:38 2022
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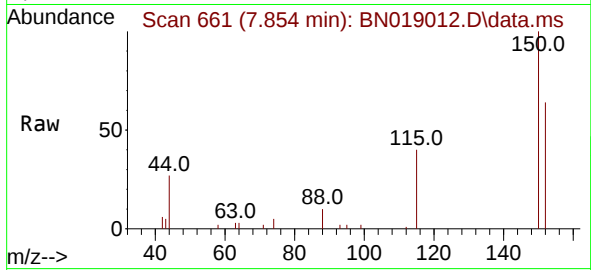
Reviewed By : Christian Giraldo 03/21/2022
Supervised By : Jagrut Upadhyay 03/22/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. 0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

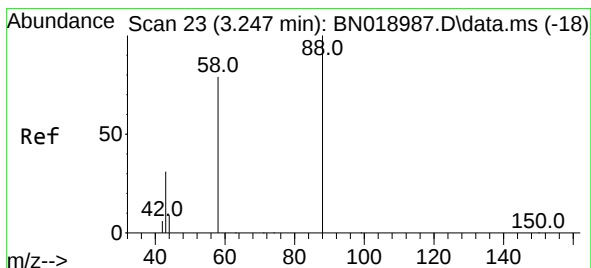
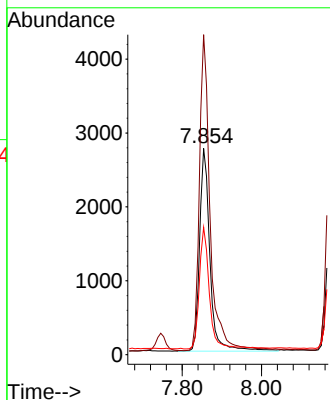
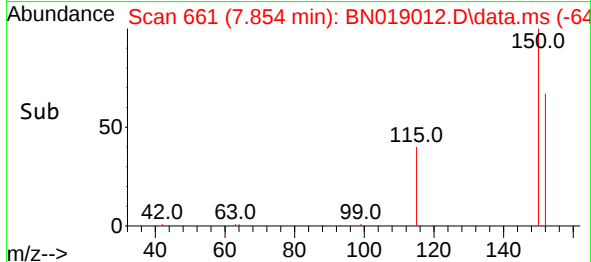
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022



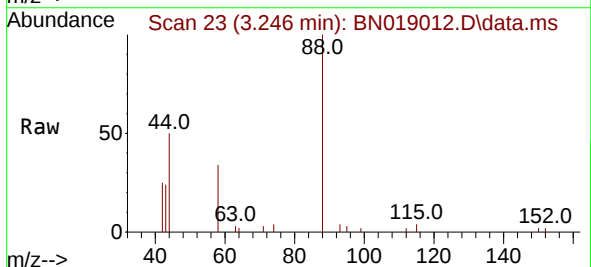
Tgt Ion:152 Resp: 497
Ion Ratio Lower Upper
152 100
150 155.1 123.9 185.9
115 61.7 48.2 72.4

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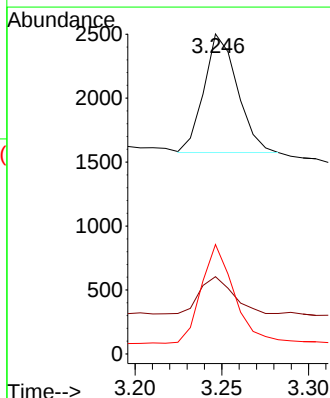
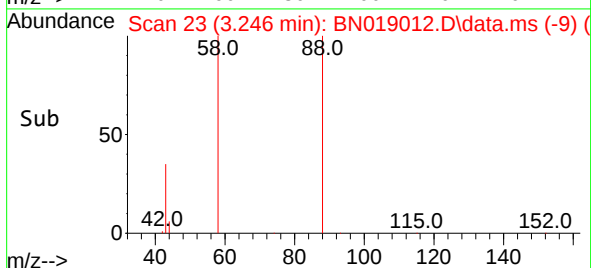
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#2
1,4-Dioxane
Concen: 0.202 ng
RT: 3.246 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27



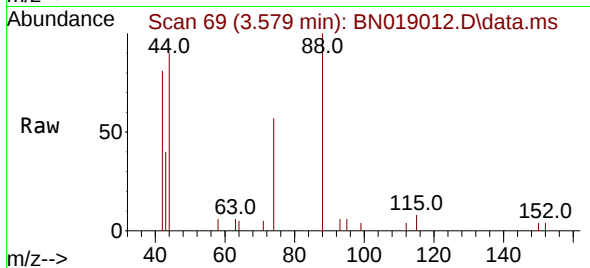
Tgt Ion: 88 Resp: 1243
Ion Ratio Lower Upper
88 100
43 31.1 24.6 37.0
58 82.7 65.4 98.2





#3
n-Nitrosodimethylamine
Concen: 0.162 ng
RT: 3.579 min Scan# 68
Delta R.T. 0.007 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

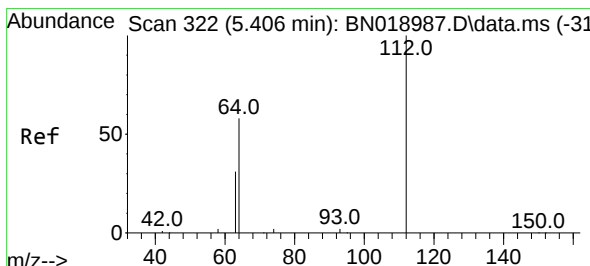
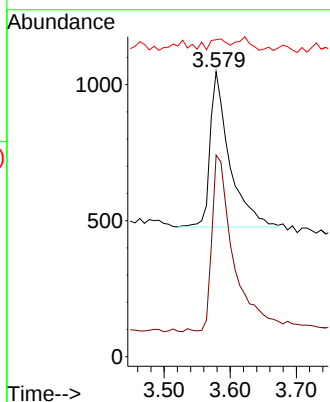
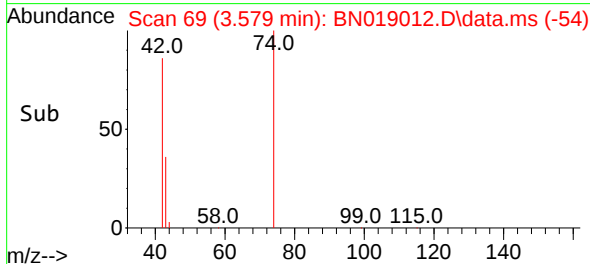
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion: 42 Resp: 1160
Ion Ratio Lower Upper
42 100
74 126.0 96.9 145.3
44 7.4 7.3 10.9

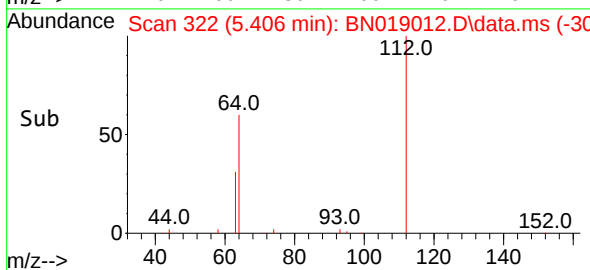
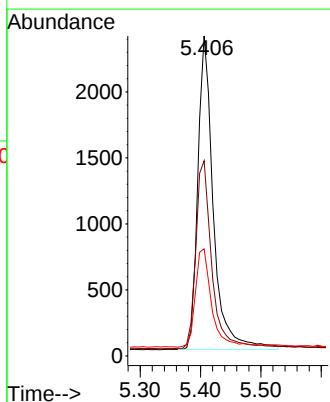
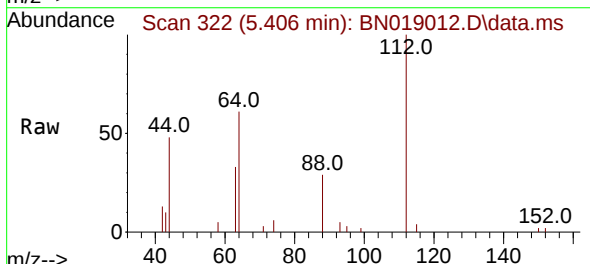
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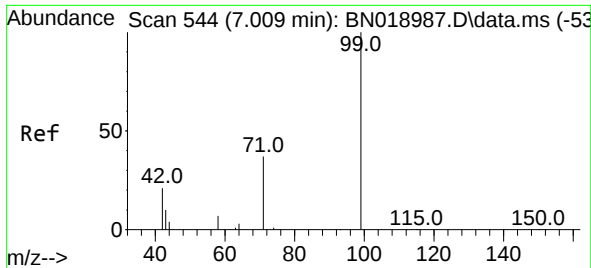
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#4
2-Fluorophenol
Concen: 0.381 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

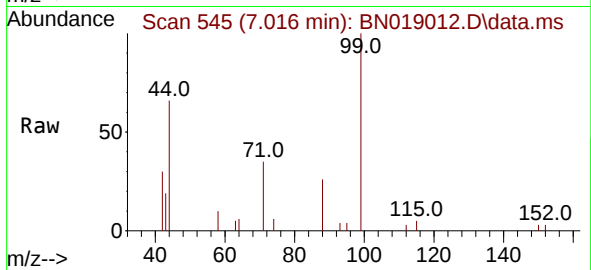
Tgt Ion:112 Resp: 4244
Ion Ratio Lower Upper
112 100
64 62.4 47.8 71.8
63 33.2 25.7 38.5





#5
Phenol-d6
Concen: 0.339 ng
RT: 7.016 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

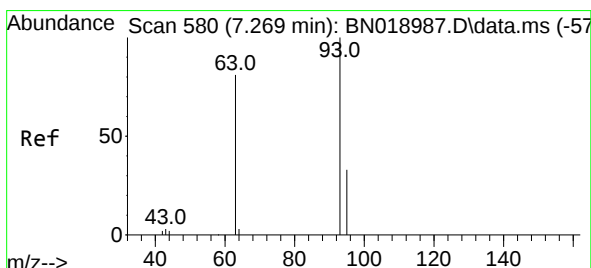
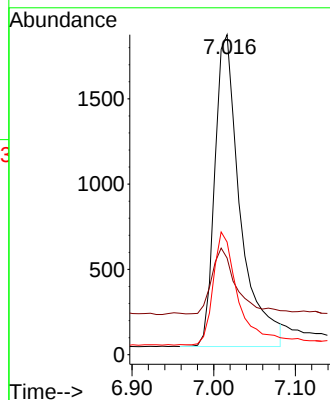
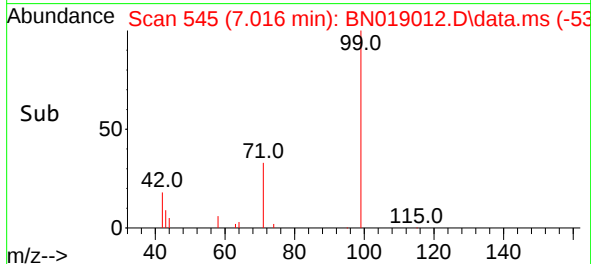
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion: 99 Resp: 395
Ion Ratio Lower Upper
99 100
42 20.3 16.2 24.4
71 35.4 27.7 41.5

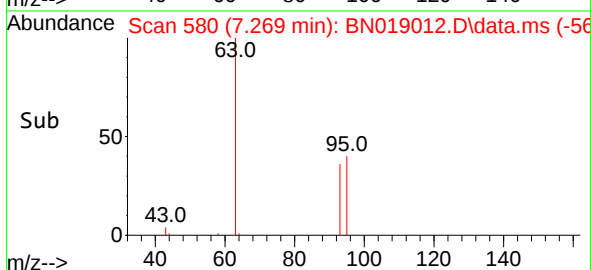
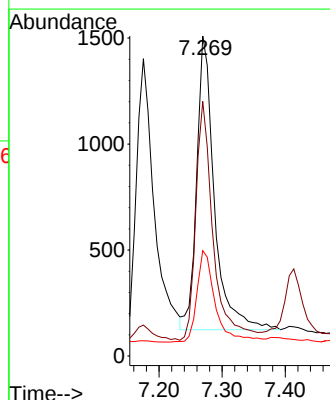
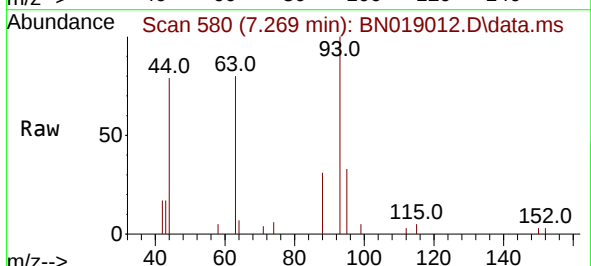
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#6
bis(2-Chloroethyl)ether
Concen: 0.194 ng
RT: 7.269 min Scan# 580
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

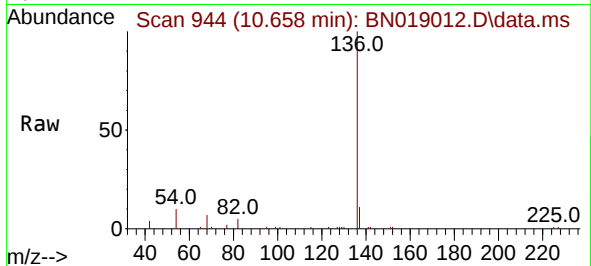
Tgt Ion: 93 Resp: 2700
Ion Ratio Lower Upper
93 100
63 80.0 62.8 94.2
95 32.1 26.2 39.4





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

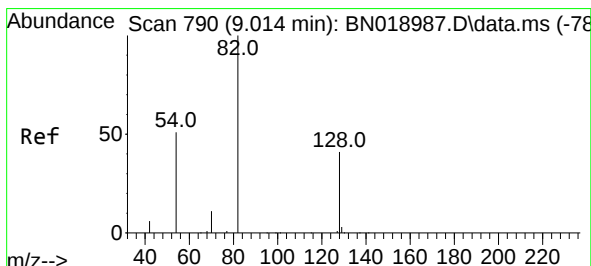
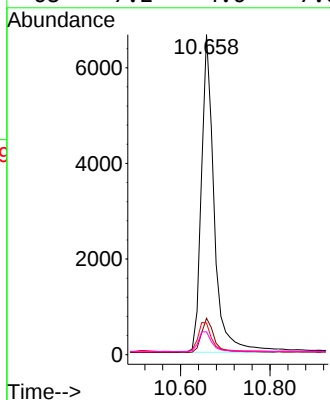
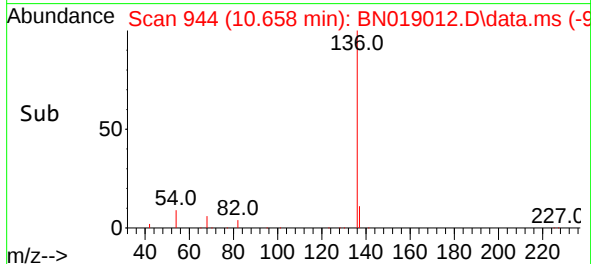
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	9.9	5.8	8.6
68	7.2	4.6	7.0

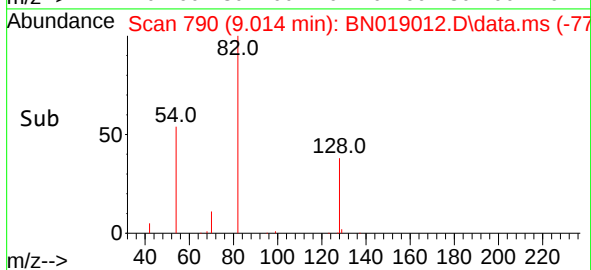
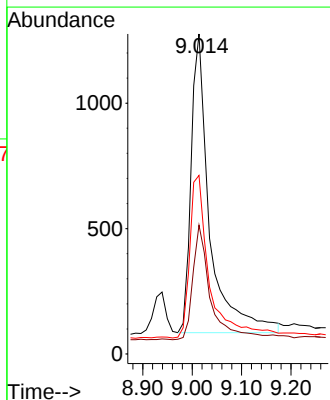
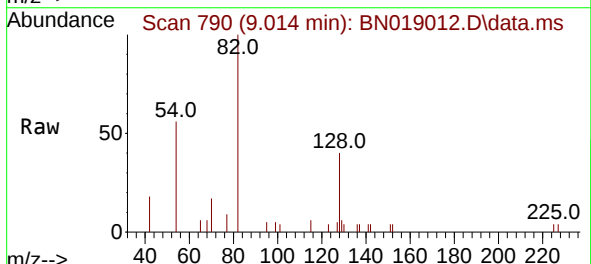
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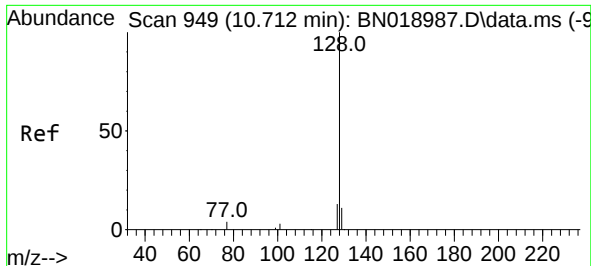
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#8
Nitrobenzene-d5
Concen: 0.328 ng
RT: 9.014 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.0	49.6
54	55.8	42.5	63.7





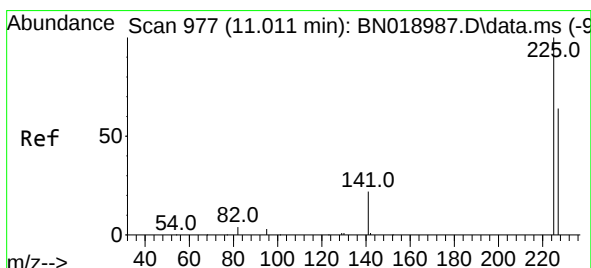
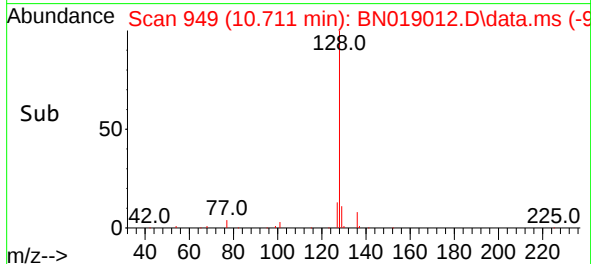
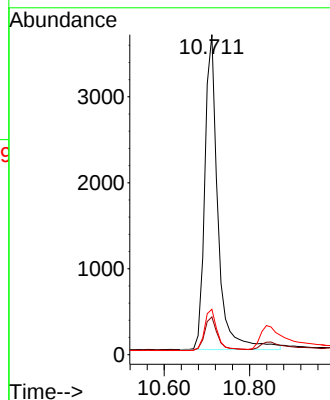
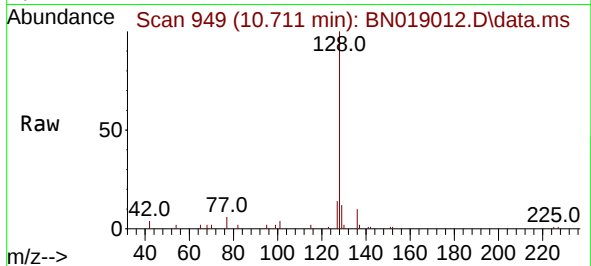
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Naphthalene
Concen: 0.209 ng
RT: 10.711 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:128 Resp: 783
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.4
127 14.2 10.7 16.1

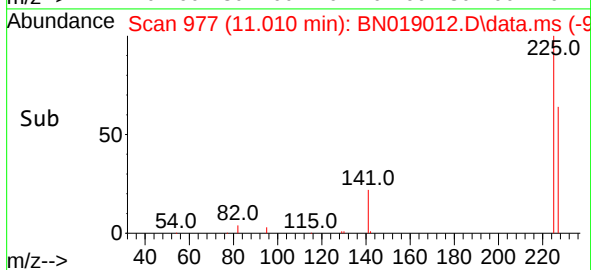
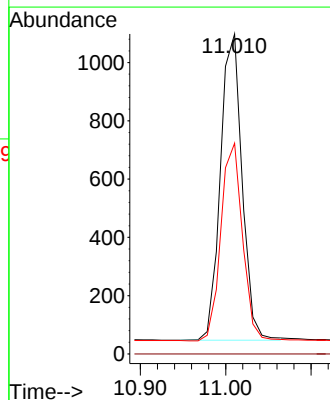
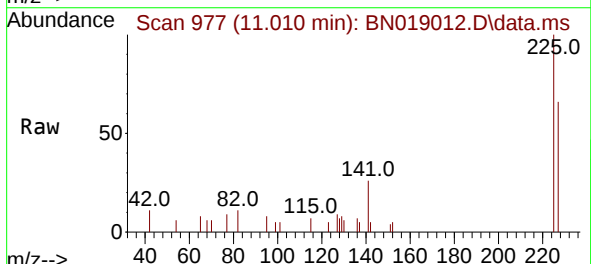
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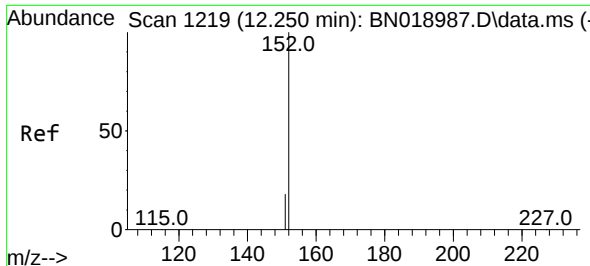
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#10
Hexachlorobutadiene
Concen: 0.202 ng
RT: 11.010 min Scan# 977
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

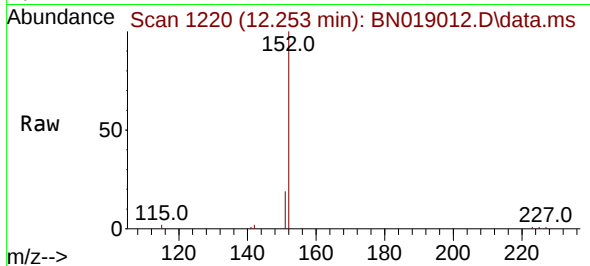
Tgt Ion:225 Resp: 1850
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.4 51.0 76.6





#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.253 min Scan# 1219
Delta R.T. 0.004 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

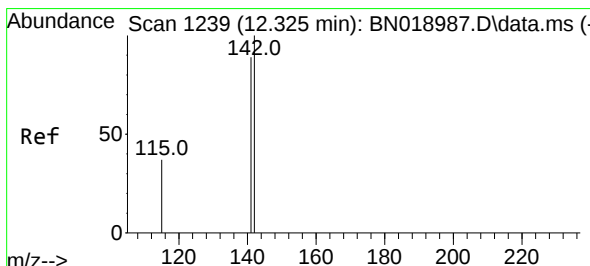
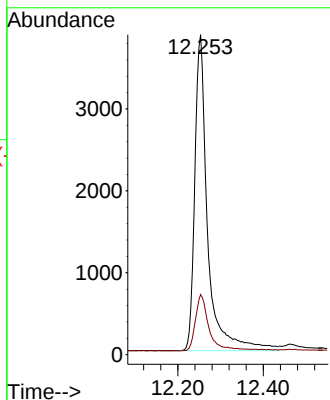
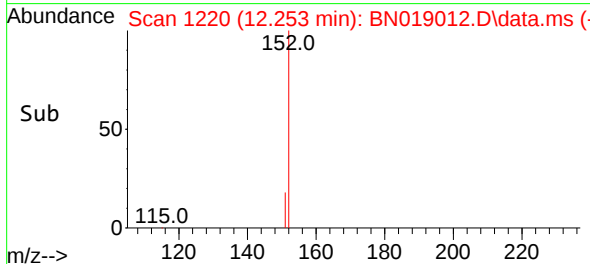
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:152 Resp: 806
Ion Ratio Lower Upper
152 100
151 18.7 16.5 24.7

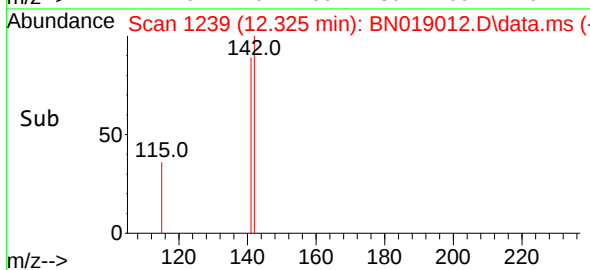
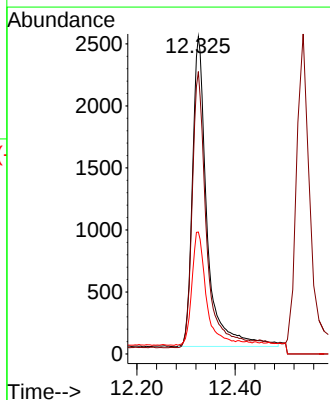
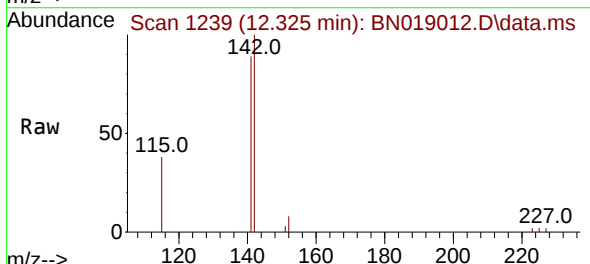
Manual Integrations
APPROVED

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Supervised By :Jagrut Upadhyay 03/22/2022



#12
2-Methylnaphthalene
Concen: 0.202 ng
RT: 12.325 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

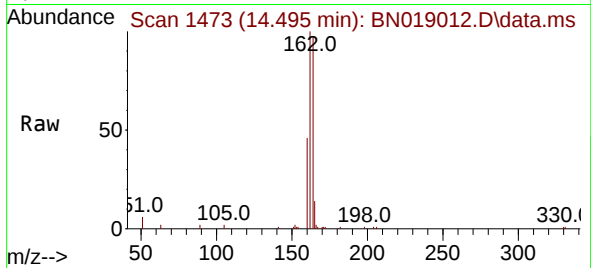
Tgt Ion:142 Resp: 5154
Ion Ratio Lower Upper
142 100
141 89.0 70.0 105.0
115 38.4 29.8 44.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

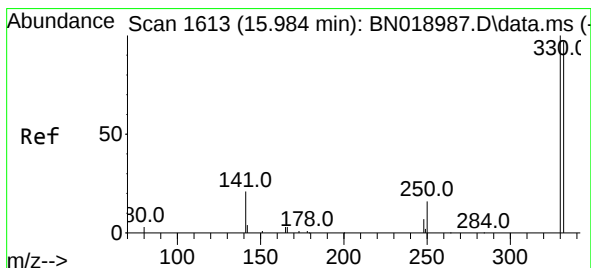
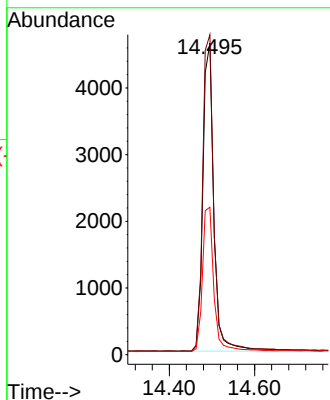
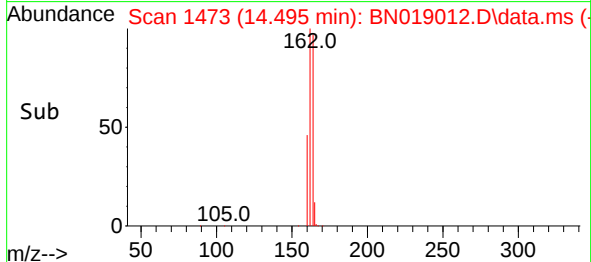
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022



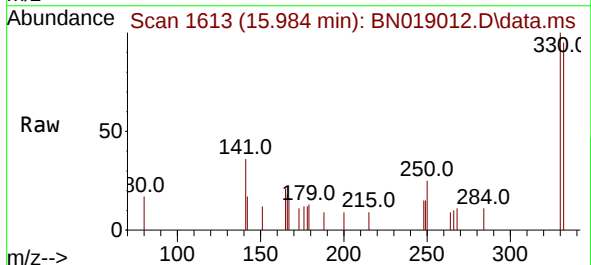
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Ion Ratio Lower Upper
164 100
162 102.7 85.2 127.8
160 47.4 41.5 62.3

Manual Integrations
APPROVED

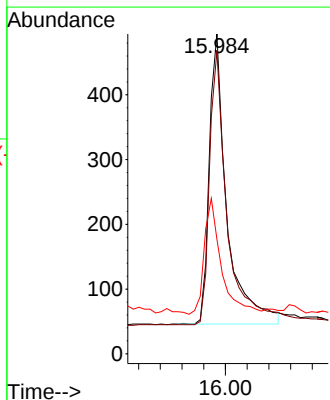
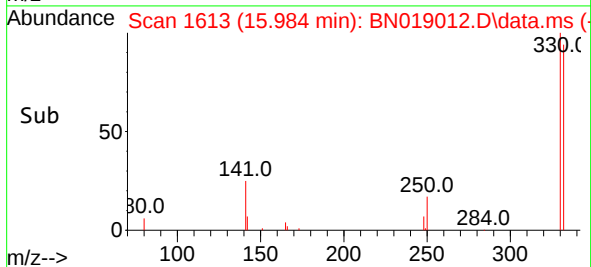
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

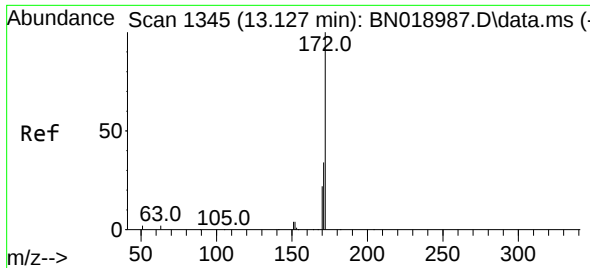


#14
2,4,6-Tribromophenol
Concen: 0.255 ng
RT: 15.984 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27



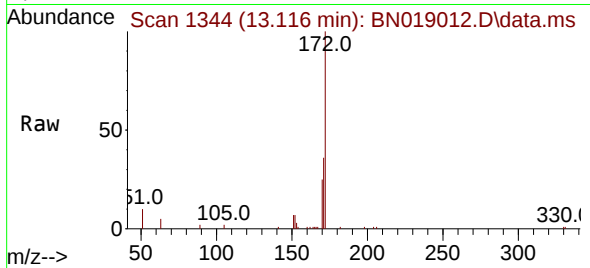
Tgt Ion:330 Resp: 1010
Ion Ratio Lower Upper
330 100
332 95.0 76.8 115.2
141 38.6 32.2 48.2





#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

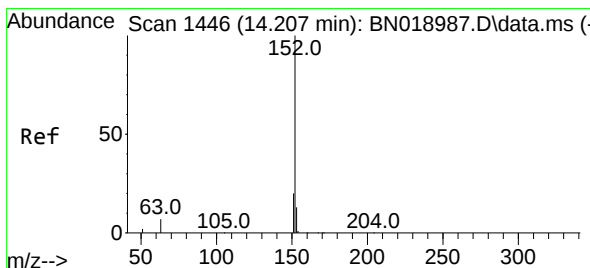
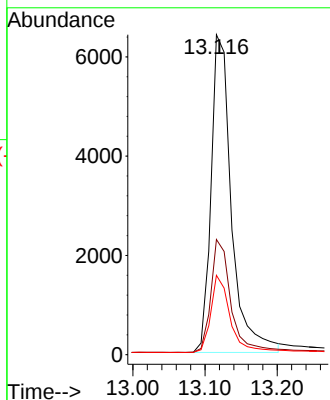
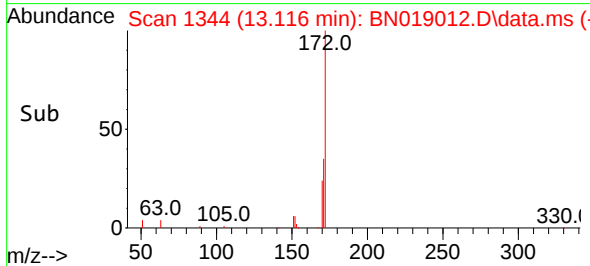
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:172 Resp: 12610
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 24.8 18.7 28.1

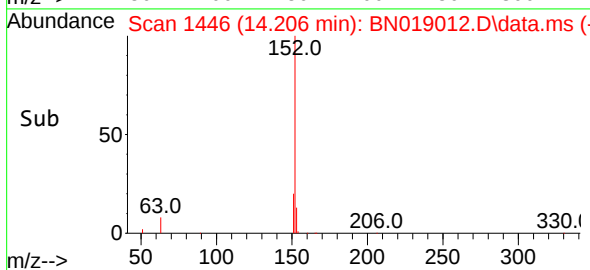
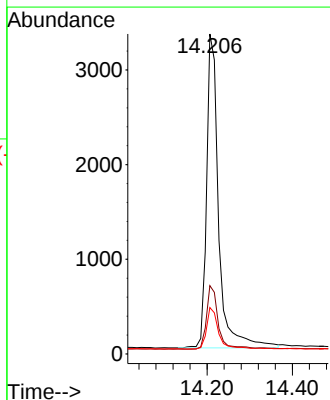
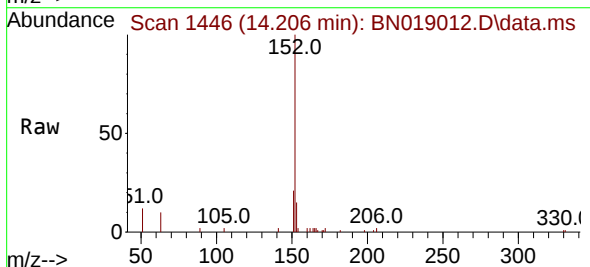
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#16
Acenaphthylene
Concen: 0.171 ng
RT: 14.206 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

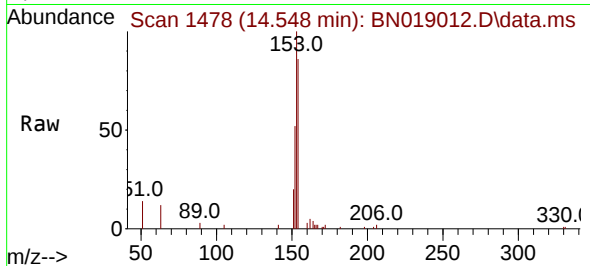
Tgt Ion:152 Resp: 6506
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.1 10.6 15.8





#17
Acenaphthene
Concen: 0.188 ng
RT: 14.548 min Scan# 1478
Delta R.T. -0.011 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

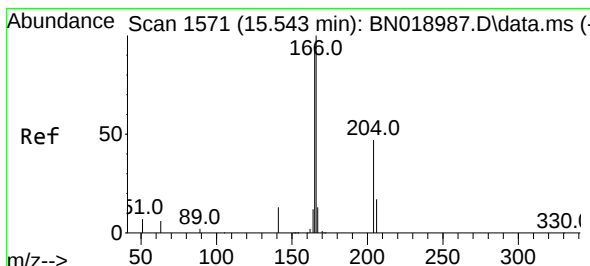
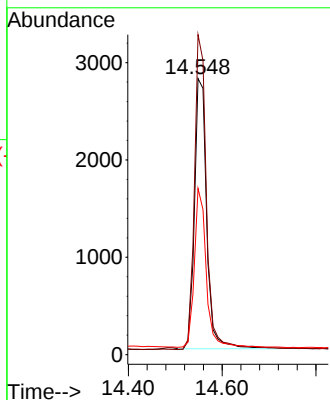
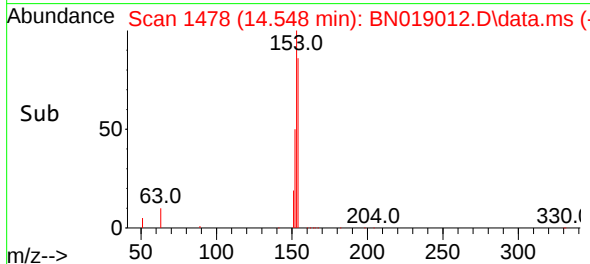
Instrument : BNA_N
ClientSampleId : MDL-SOIL-03-QT1-2022



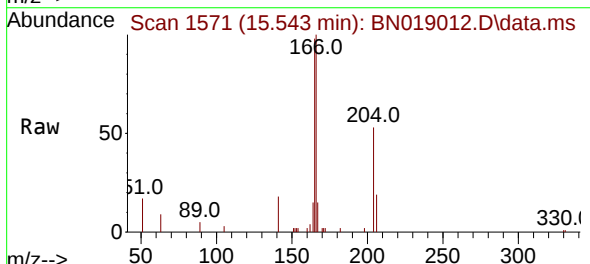
Tgt Ion:154 Resp: 503
Ion Ratio Lower Upper
154 100
153 115.9 89.7 134.5
152 56.7 44.7 67.1

Manual Integrations
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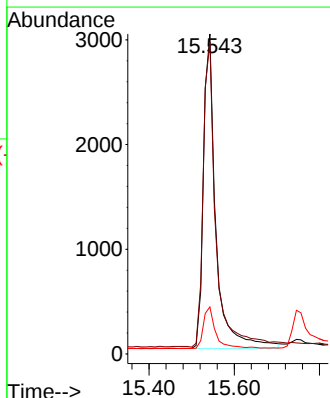
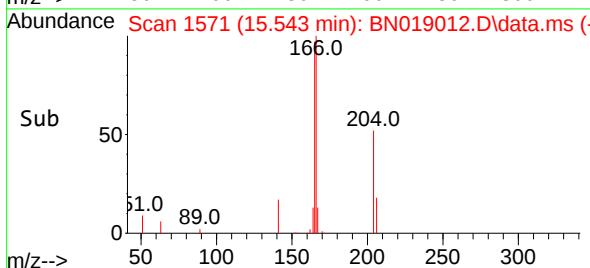
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

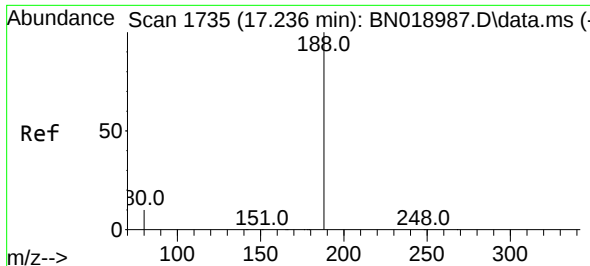


#18
Fluorene
Concen: 0.182 ng
RT: 15.543 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27



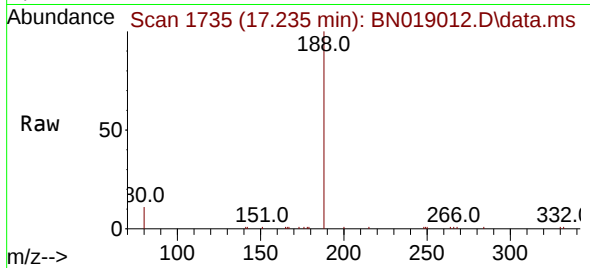
Tgt Ion:166 Resp: 6119
Ion Ratio Lower Upper
166 100
165 97.3 79.2 118.8
167 13.2 10.7 16.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1735
Delta R.T. -0.001 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

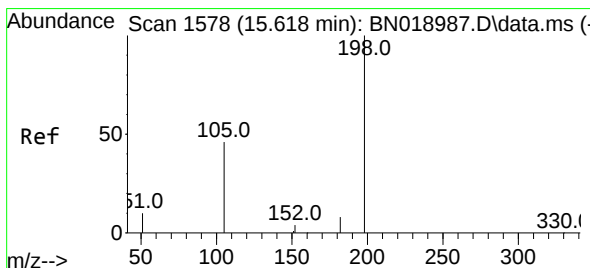
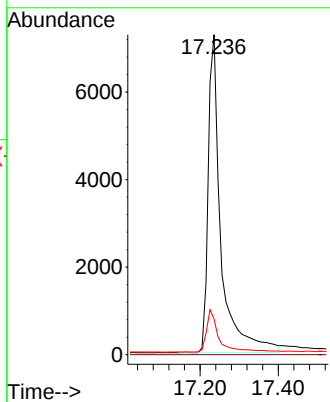
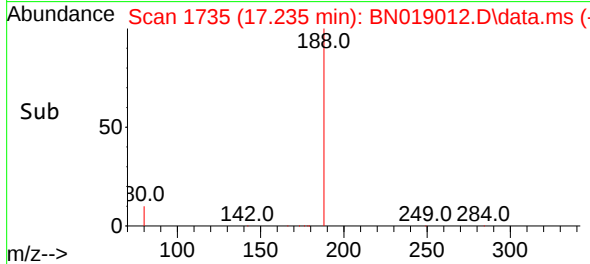
Instrument : BNA_N
ClientSampleId : MDL-SOIL-03-QT1-2022



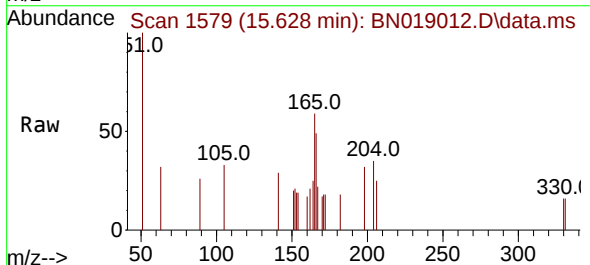
Tgt Ion:188 Resp: 16500
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 11.8 17.8

Manual Integrations
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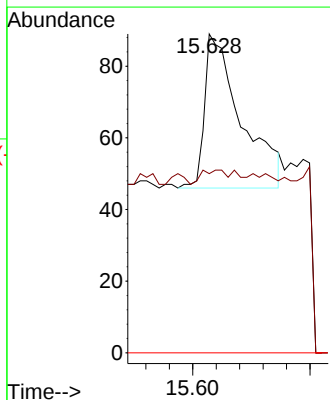
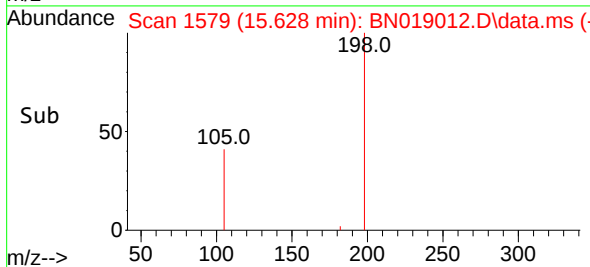
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#20
4,6-Dinitro-2-methylphenol
Concen: 0.091 ng
RT: 15.628 min Scan# 1579
Delta R.T. 0.010 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27



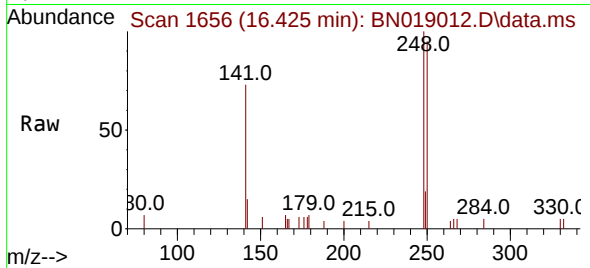
Tgt Ion:198 Resp: 185
Ion Ratio Lower Upper
198 100
182 56.2 13.0 19.4#
77 0.0 0.0 0.0





#21
4-Bromophenyl-phenylether
Concen: 0.168 ng
RT: 16.425 min Scan# 1656
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

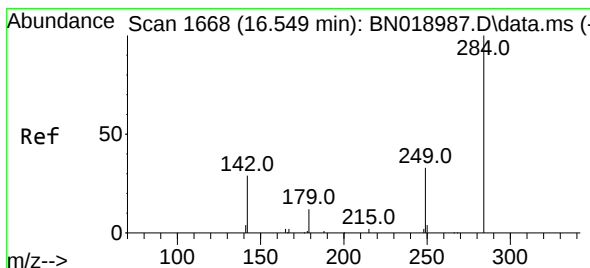
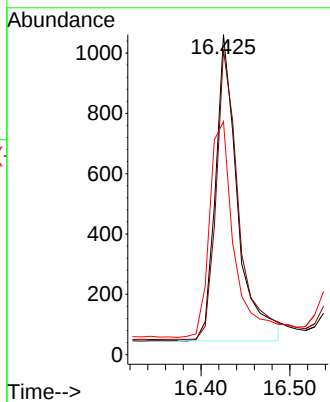
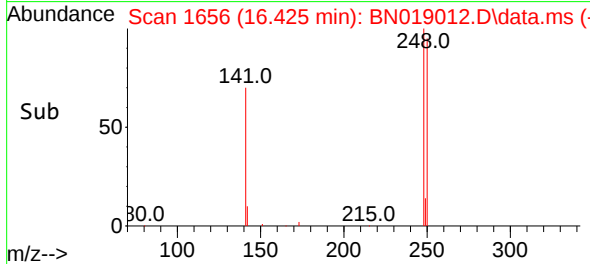
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022



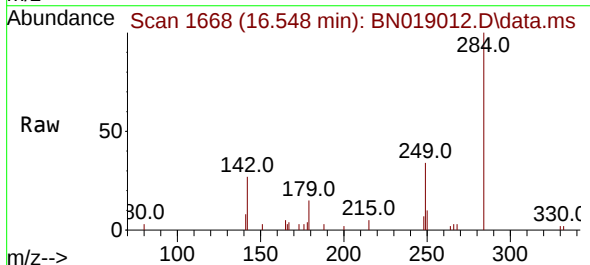
Tgt Ion:248 Resp: 175
Ion Ratio Lower Upper
248 100
250 95.3 80.7 121.1
141 72.9 39.6 59.4

Manual Integrations
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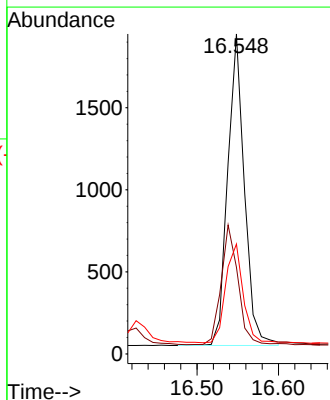
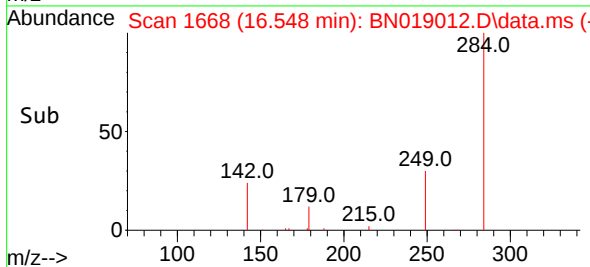
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

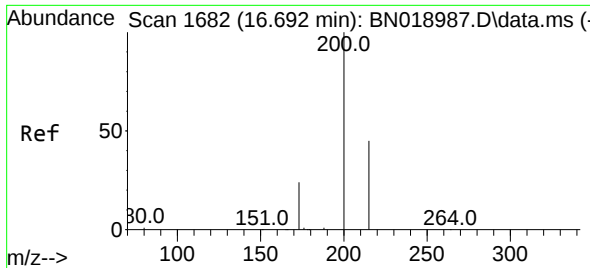


#22
Hexachlorobenzene
Concen: 0.202 ng
RT: 16.548 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27



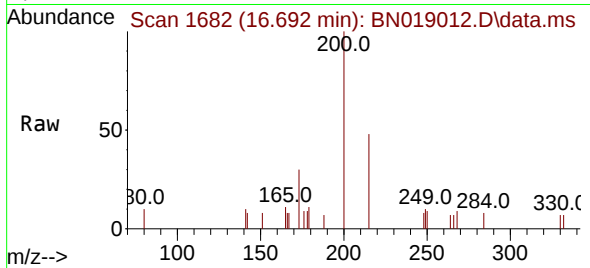
Tgt Ion:284 Resp: 2710
Ion Ratio Lower Upper
284 100
142 38.7 29.8 44.8
249 33.2 26.2 39.2





#23
Atrazine
Concen: 0.161 ng
RT: 16.692 min Scan# 110
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

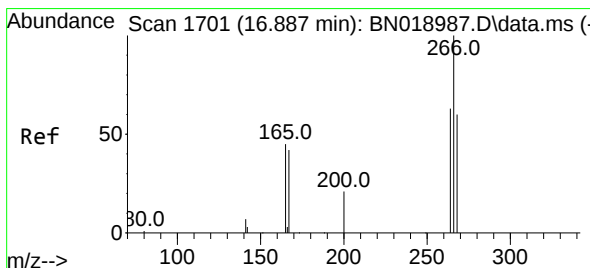
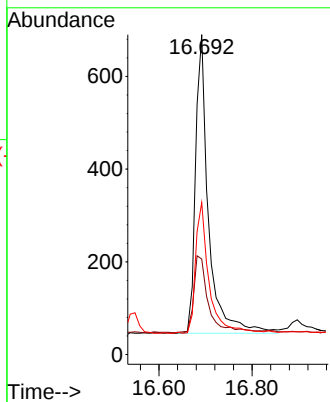
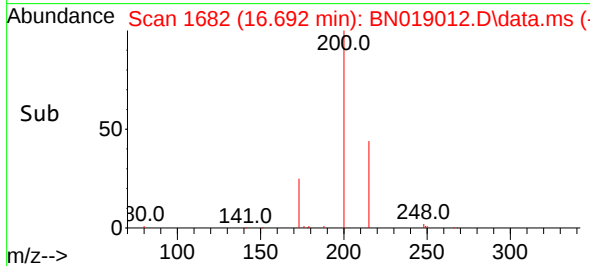
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022



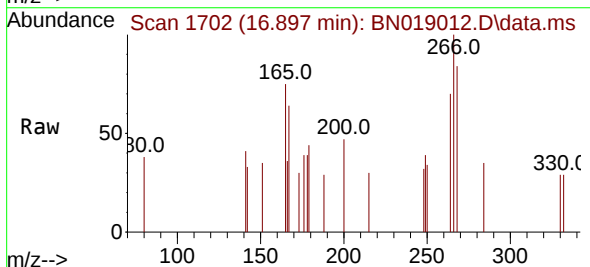
Tgt Ion:200 Resp: 1248
Ion Ratio Lower Upper
200 100
173 29.9 23.9 35.9
215 47.5 36.6 54.8

Manual Integrations
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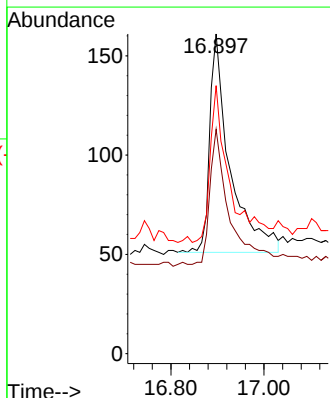
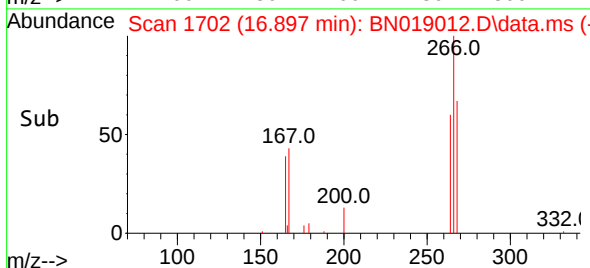
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#24
Pentachlorophenol
Concen: 0.081 ng
RT: 16.897 min Scan# 1702
Delta R.T. 0.010 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27



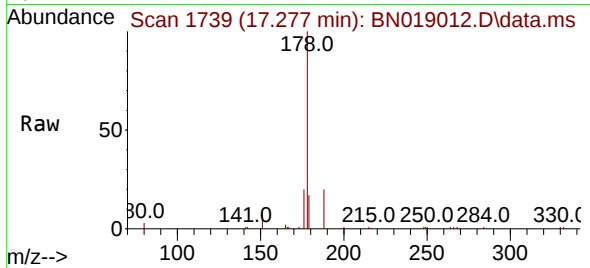
Tgt Ion:266 Resp: 332
Ion Ratio Lower Upper
266 100
264 59.6 50.2 75.4
268 67.5 51.9 77.9





#25
Phenanthrene
Concen: 0.182 ng
RT: 17.277 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

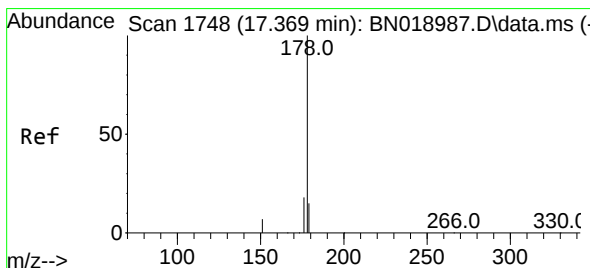
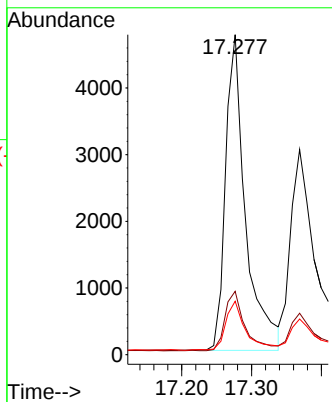
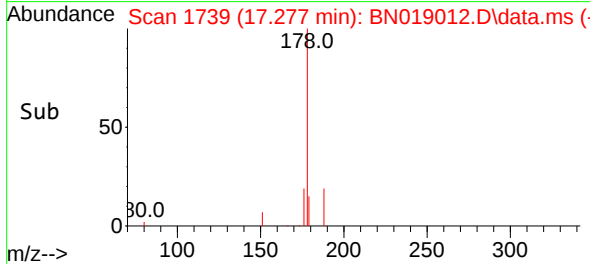
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:178 Resp: 9390
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.7 12.2 18.2

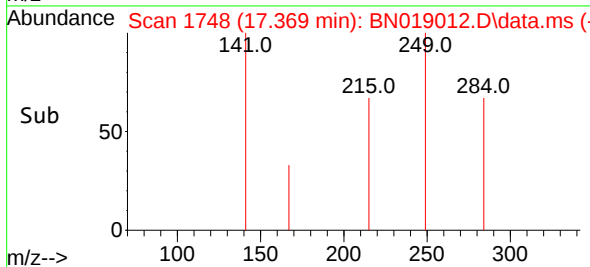
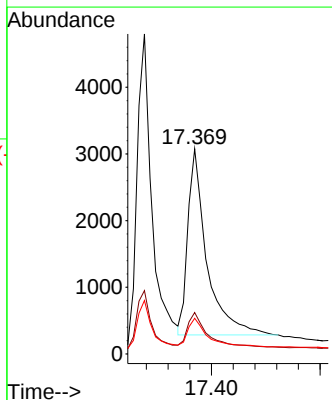
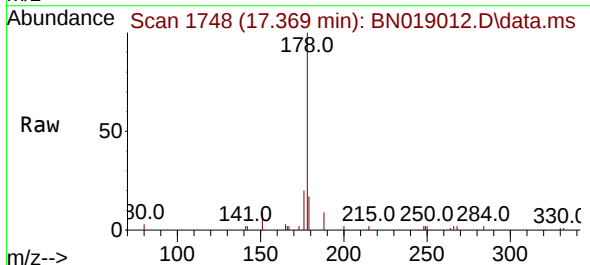
Manual Integrations
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Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#26
Anthracene
Concen: 0.156 ng
RT: 17.369 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

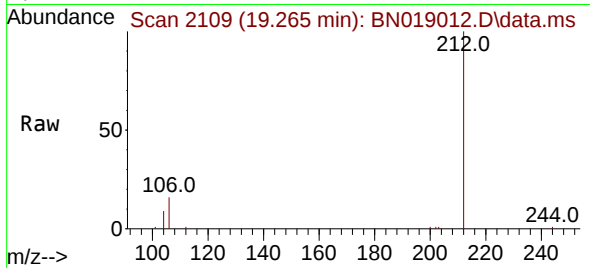
Tgt Ion:178 Resp: 6787
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.8 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

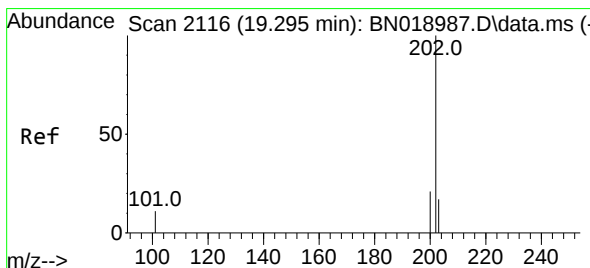
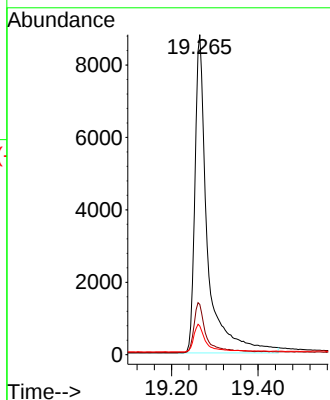
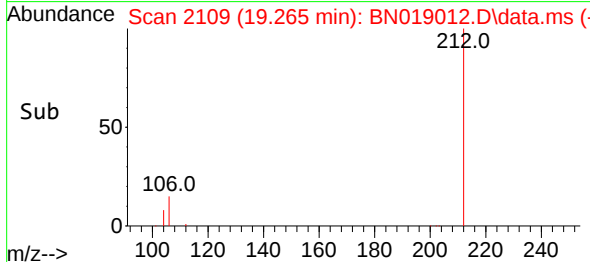
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:212 Resp: 1778
Ion Ratio Lower Upper
212 100
106 15.3 12.7 19.1
104 8.1 7.1 10.7

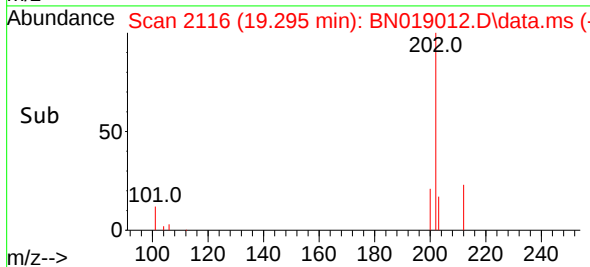
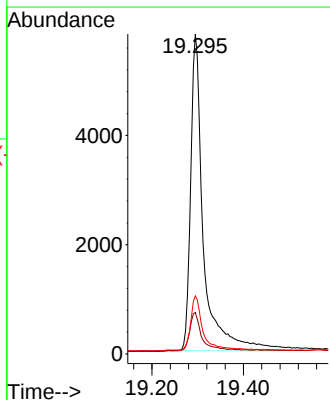
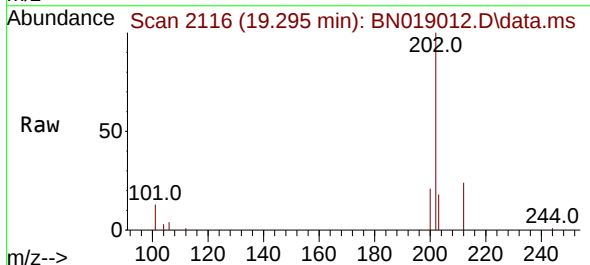
Manual Integrations
APPROVED

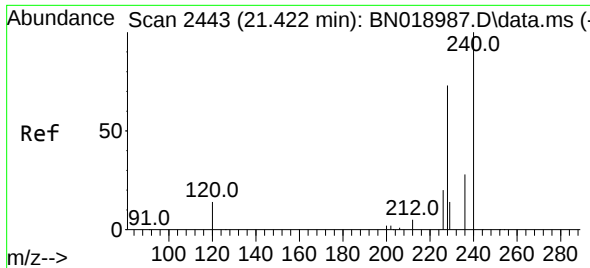
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#28
Fluoranthene
Concen: 0.187 ng
RT: 19.295 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

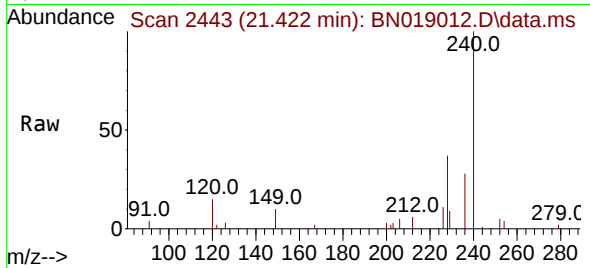
Tgt Ion:202 Resp: 11309
Ion Ratio Lower Upper
202 100
101 11.6 9.8 14.6
203 16.3 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

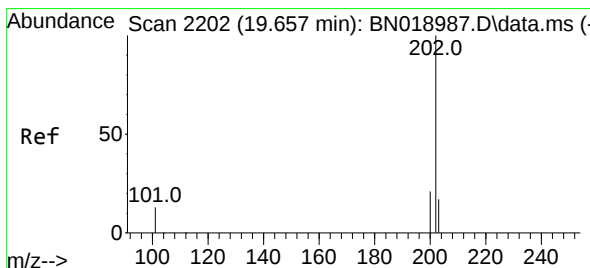
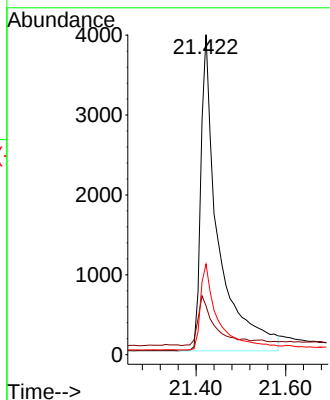
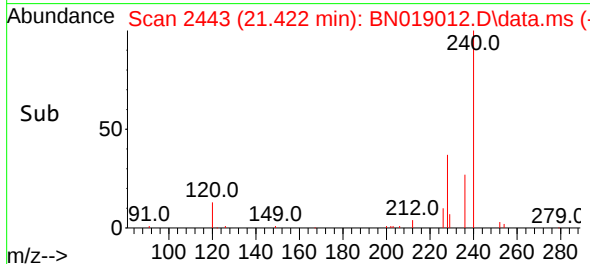
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022



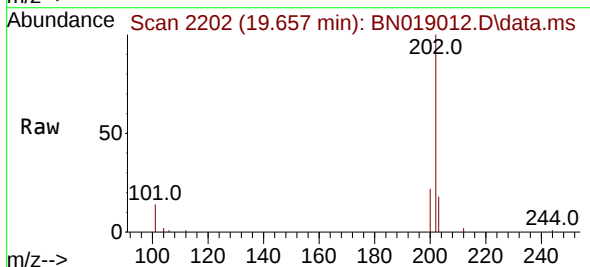
Tgt Ion:240 Resp: 1070
Ion Ratio Lower Upper
240 100
120 15.3 8.5 12.7
236 28.3 22.4 33.6

Manual Integrations
APPROVED

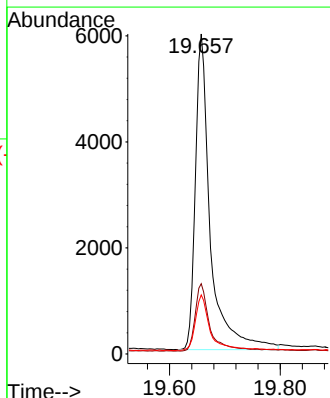
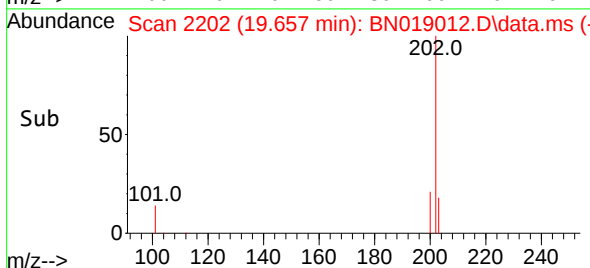
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

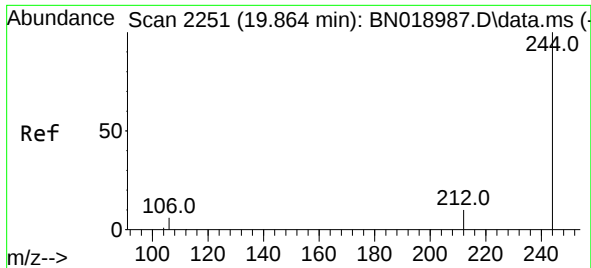


#30
Pyrene
Concen: 0.209 ng
RT: 19.657 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27



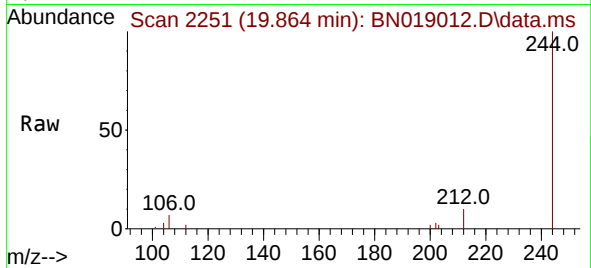
Tgt Ion:202 Resp: 11169
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.2 14.2 21.2





#31
 Terphenyl-d14
 Concen: 0.410 ng
 RT: 19.864 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN019012.D
 Acq: 18 Mar 2022 12:27

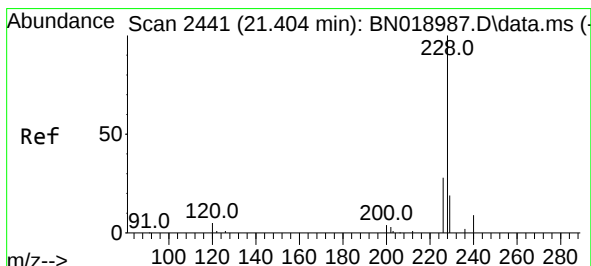
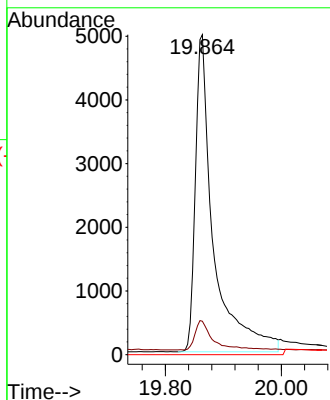
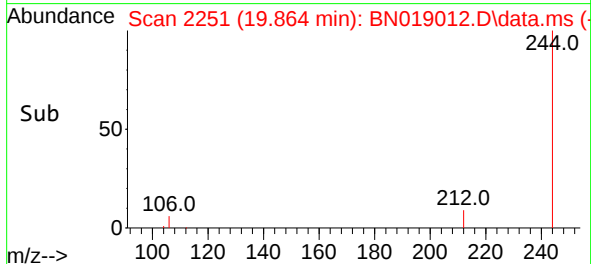
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT1-2022



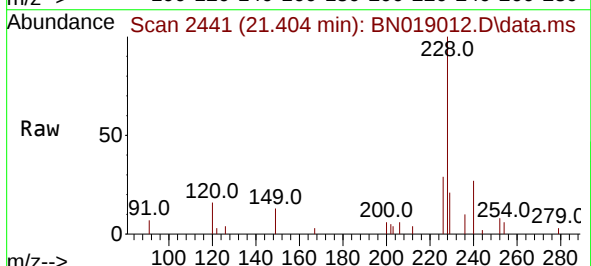
Tgt Ion:244 Resp: 1078
 Ion Ratio Lower Upper
 244 100
 212 10.5 8.2 12.4
 122 0.0 0.0 0.0

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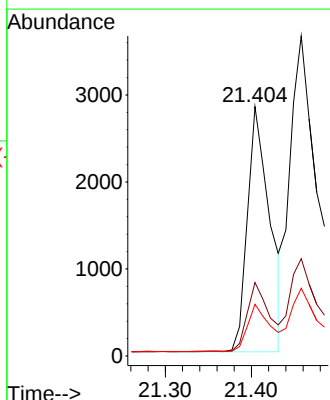
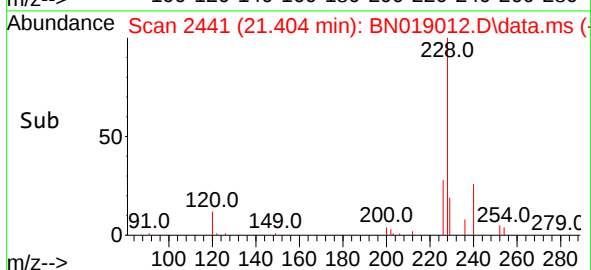
Reviewed By :Christian Giraldo 03/21/2022
 Supervised By :Jagrut Upadhyay 03/22/2022



#32
 Benzo(a)anthracene
 Concen: 0.154 ng
 RT: 21.404 min Scan# 2441
 Delta R.T. -0.000 min
 Lab File: BN019012.D
 Acq: 18 Mar 2022 12:27



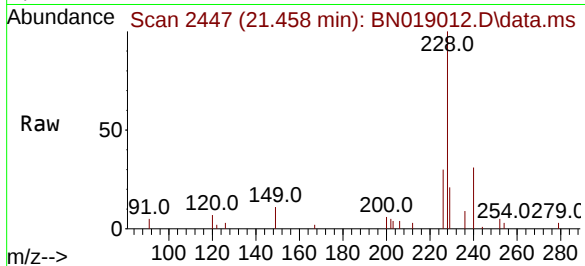
Tgt Ion:228 Resp: 5067
 Ion Ratio Lower Upper
 228 100
 226 29.4 21.9 32.9
 229 20.8 16.0 24.0





#33
Chrysene
Concen: 0.197 ng
RT: 21.458 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

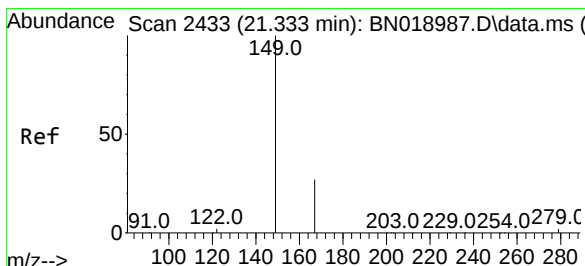
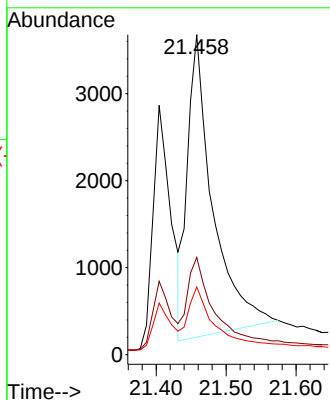
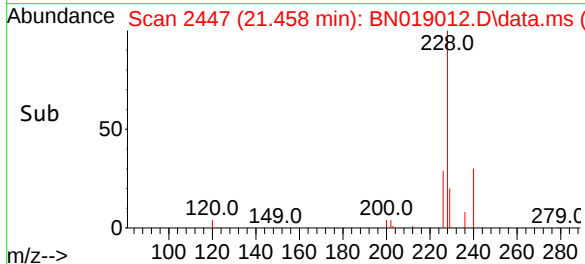
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022



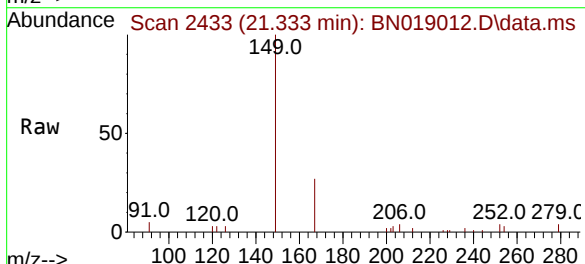
Tgt Ion: 228 Resp: 8744
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 21.2 15.9 23.9

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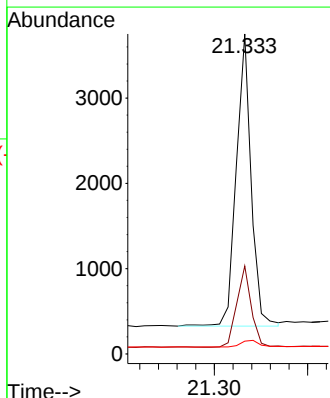
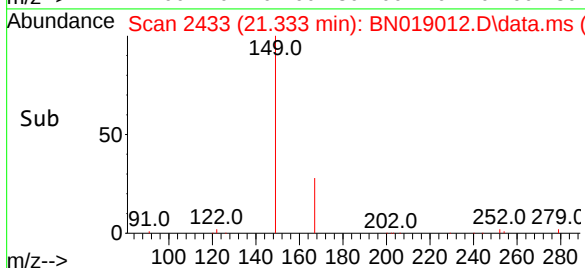
Reviewed By : Christian Giraldo 03/21/2022
Supervised By : Jagrut Upadhyay 03/22/2022



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.173 ng
RT: 21.333 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27



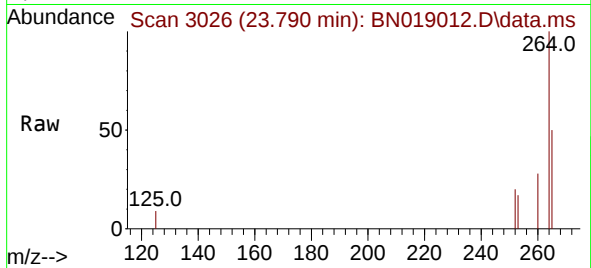
Tgt Ion: 149 Resp: 3788
Ion Ratio Lower Upper
149 100
167 27.6 21.8 32.8
279 3.2 2.0 3.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.790 min Scan# 3026
 Delta R.T. -0.000 min
 Lab File: BN019012.D
 Acq: 18 Mar 2022 12:27

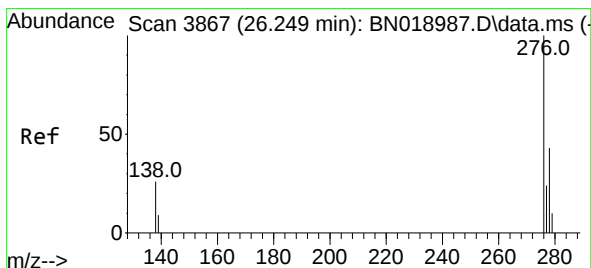
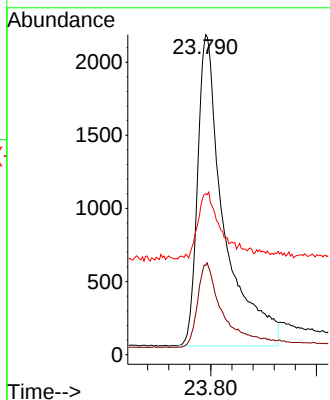
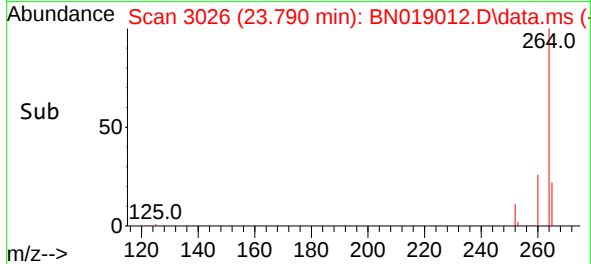
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT1-2022



Tgt Ion:264 Resp: 7400
 Ion Ratio Lower Upper
 264 100
 260 27.9 22.4 33.6
 265 50.3 25.3 37.9

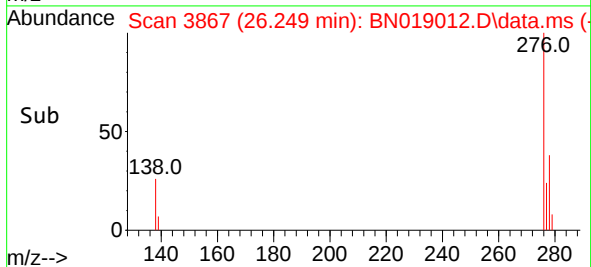
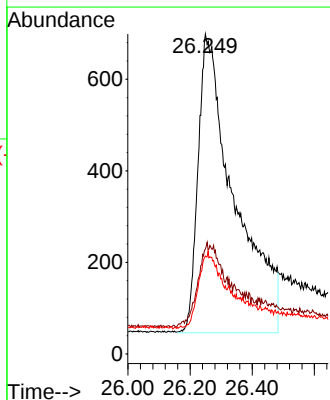
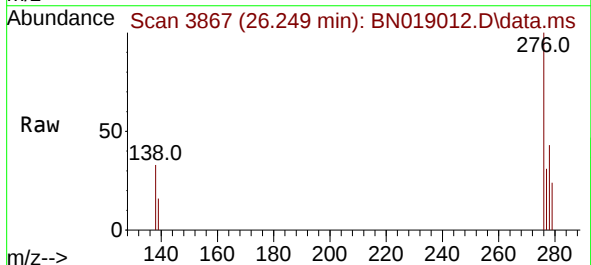
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 Supervised By :Jagrut Upadhyay 03/22/2022



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.199 ng m
 RT: 26.249 min Scan# 3867
 Delta R.T. -0.000 min
 Lab File: BN019012.D
 Acq: 18 Mar 2022 12:27

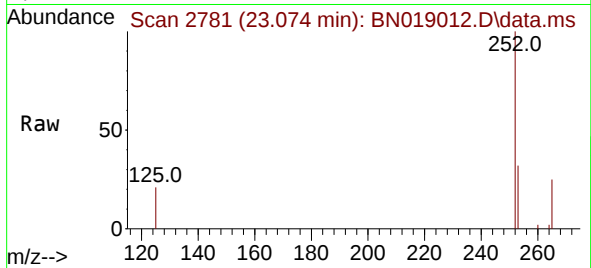
Tgt Ion:276 Resp: 5309
 Ion Ratio Lower Upper
 276 100
 138 7.7 24.5 36.7#
 277 15.0 19.8 29.8#





#37
Benzo(b)fluoranthene
Concen: 0.177 ng
RT: 23.074 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

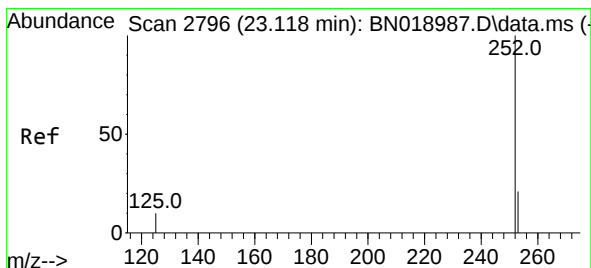
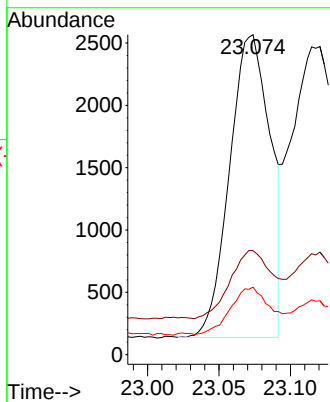
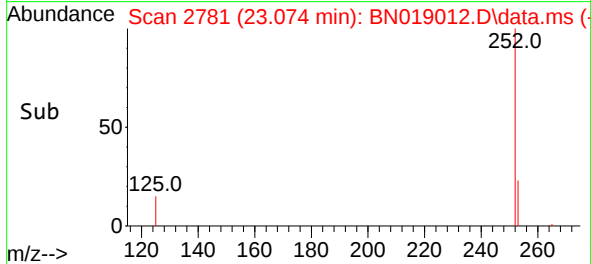
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:252 Resp: 479
Ion Ratio Lower Upper
252 100
253 32.5 18.9 28.3#
125 21.1 12.1 18.1#

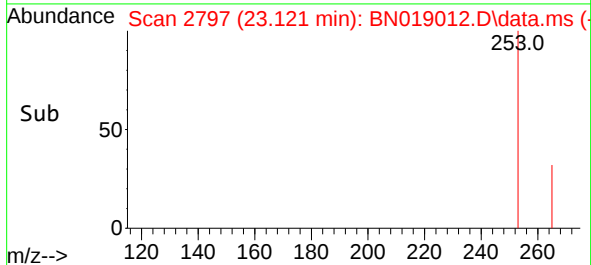
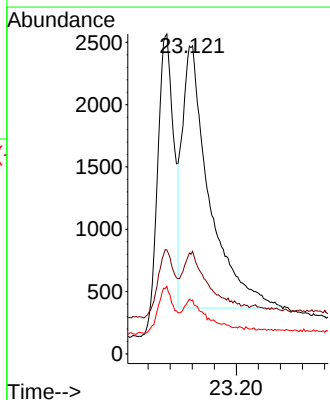
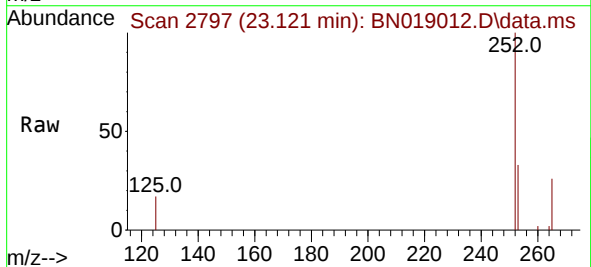
Manual Integrations
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Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#38
Benzo(k)fluoranthene
Concen: 0.194 ng m
RT: 23.121 min Scan# 2797
Delta R.T. 0.003 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

Tgt Ion:252 Resp: 7190
Ion Ratio Lower Upper
252 100
253 33.3 18.9 28.3#
125 17.5 10.3 15.5#





#39

Benzo(a)pyrene

Concen: 0.207 ng

RT: 23.688 min Scan# 2991

Delta R.T. -0.003 min

Lab File: BN019012.D

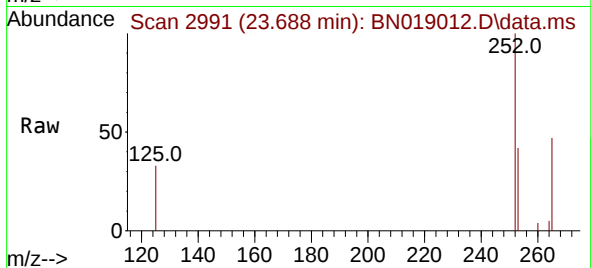
Acq: 18 Mar 2022 12:27

Instrument :

BN019012.D

ClientSampleId :

MDL-SOIL-03-QT1-2022



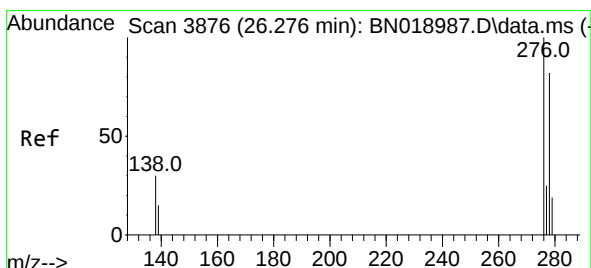
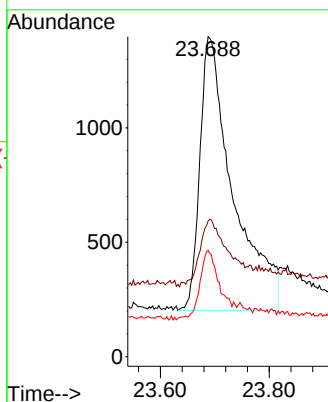
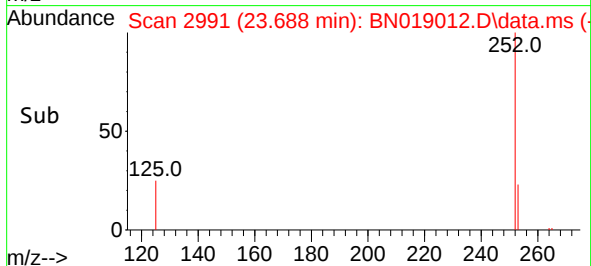
Tgt Ion:	252	Resp:	507
Ion Ratio	Lower	Upper	
252	100		
253	42.4	20.1	30.1
125	33.2	15.2	22.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/22/2022



#40

Dibenzo(a,h)anthracene

Concen: 0.184 ng m

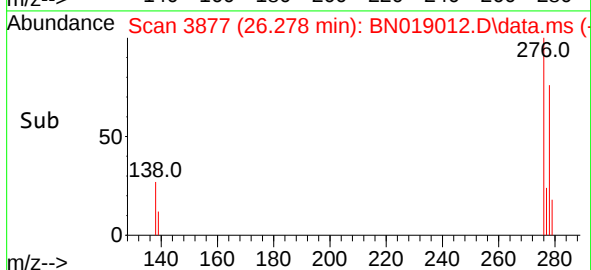
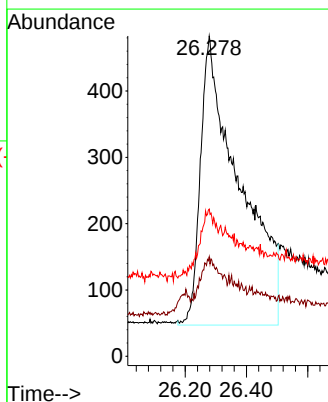
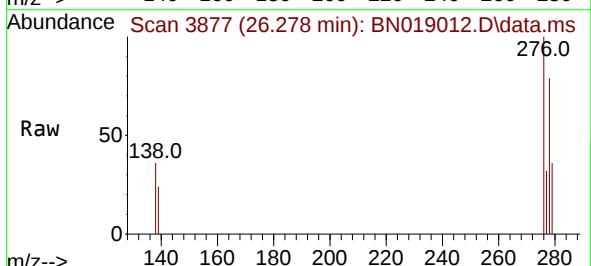
RT: 26.278 min Scan# 3877

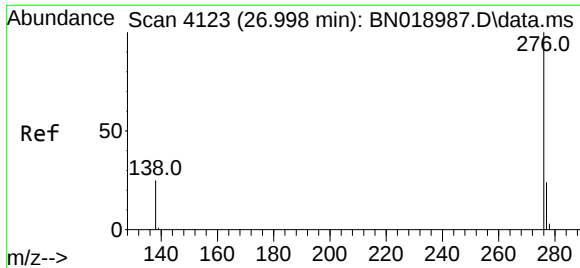
Delta R.T. 0.003 min

Lab File: BN019012.D

Acq: 18 Mar 2022 12:27

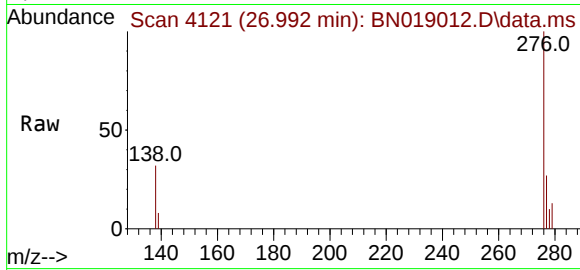
Tgt Ion:	278	Resp:	3838
Ion Ratio	Lower	Upper	
278	100		
139	31.1	17.2	25.8
279	46.0	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.196 ng
RT: 26.992 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN019012.D
Acq: 18 Mar 2022 12:27

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:276 Resp: 5140
Ion Ratio Lower Upper
276 100
277 27.2 19.4 29.0
138 31.9 21.0 31.6

Manual Integrations
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Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

