

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031722\
 Data File : BN018999.D
 Acq On : 17 Mar 2022 17:55
 Operator : CG/JU
 Sample : N1645-02
 Misc : LOQ-SOIL 0.1ng
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

Quant Time: Mar 18 02:00:05 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 01:58:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/18/2022
 Supervised By :Jagrut Upadhyay 03/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4977	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	13344	0.400	ng	# 0.00
13) Acenaphthene-d10	14.495	164	8688	0.400	ng	0.00
19) Phenanthrene-d10	17.236	188	17870	0.400	ng	# 0.00
29) Chrysene-d12	21.422	240	12079	0.400	ng	# 0.00
35) Perylene-d12	23.793	264	8985	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	4363	0.391	ng	0.00
5) Phenol-d6	7.017	99	4015	0.343	ng	0.00
8) Nitrobenzene-d5	9.014	82	3044	0.316	ng	0.00
11) 2-Methylnaphthalene-d10	12.253	152	7853	0.355	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	1212	0.289	ng	0.00
15) 2-Fluorobiphenyl	13.127	172	12239	0.351	ng	0.00
27) Fluoranthene-d10	19.265	212	19014	0.359	ng	0.00
31) Terphenyl-d14	19.864	244	11764	0.397	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	616	0.100	ng	98
3) n-Nitrosodimethylamine	3.579	42	619	0.086	ng	# 88
6) bis(2-Chloroethyl)ether	7.269	93	1292	0.093	ng	96
9) Naphthalene	10.712	128	3955	0.104	ng	95
10) Hexachlorobutadiene	11.011	225	920	0.099	ng	# 98
12) 2-Methylnaphthalene	12.325	142	2564	0.099	ng	97
16) Acenaphthylene	14.217	152	3418	0.085	ng	99
17) Acenaphthene	14.559	154	2662	0.094	ng	98
18) Fluorene	15.543	166	3198	0.090	ng	99
20) 4,6-Dinitro-2-methylph...	15.639	198	98	0.044	ng	# 1
21) 4-Bromophenyl-phenylether	16.425	248	903	0.080	ng	# 80
22) Hexachlorobenzene	16.549	284	1441	0.099	ng	98
23) Atrazine	16.692	200	738	0.088	ng	92
24) Pentachlorophenol	16.897	266	234	0.052	ng	92
25) Phenanthrene	17.277	178	5012	0.090	ng	99
26) Anthracene	17.369	178	3684	0.078	ng	99
28) Fluoranthene	19.295	202	6282	0.096	ng	99
30) Pyrene	19.657	202	6318	0.105	ng	99
32) Benzo(a)anthracene	21.404	228	2887	0.078	ng	95
33) Chrysene	21.458	228	5169	0.103	ng	97
34) Bis(2-ethylhexyl)phtha...	21.333	149	2528	0.102	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.258	276	3024m	0.093	ng	
37) Benzo(b)fluoranthene	23.074	252	2923	0.089	ng	# 42
38) Benzo(k)fluoranthene	23.118	252	4920m	0.110	ng	
39) Benzo(a)pyrene	23.691	252	3623m	0.121	ng	
40) Dibenzo(a,h)anthracene	26.290	278	2391m	0.095	ng	
41) Benzo(g,h,i)perylene	26.998	276	2965m	0.093	ng	

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

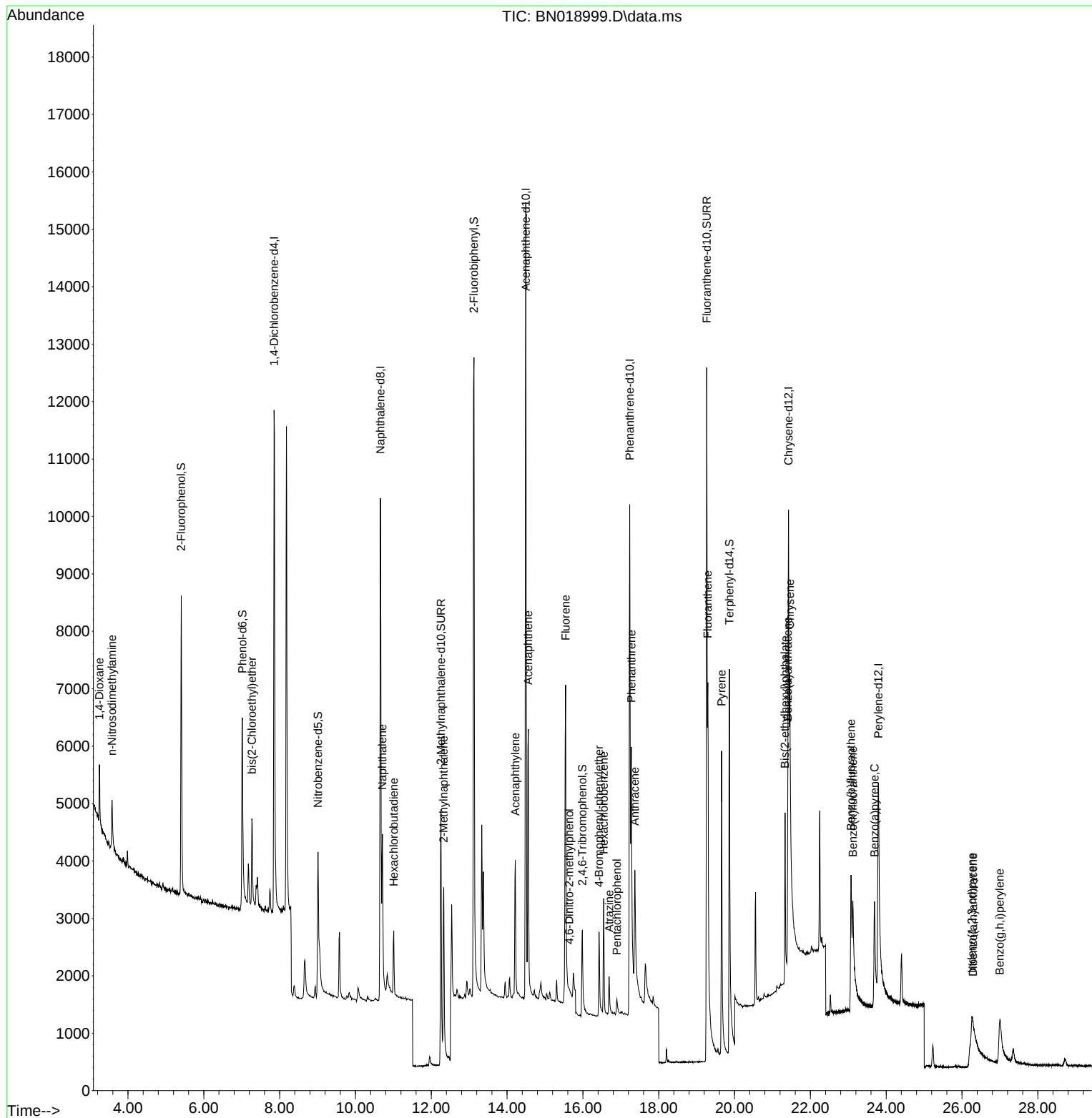
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Data File : BN018999.D
Acq On : 17 Mar 2022 17:55
Operator : CG/JU
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Misc : LOQ-SOIL 0.1ng
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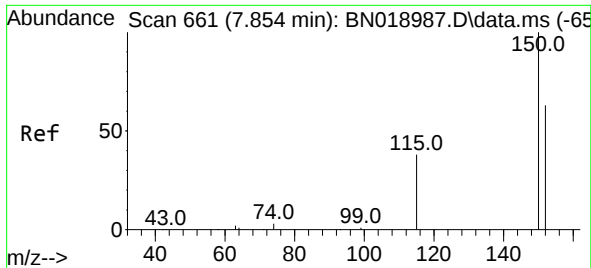
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Quant Time: Mar 18 02:00:05 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 01:58:41 2022
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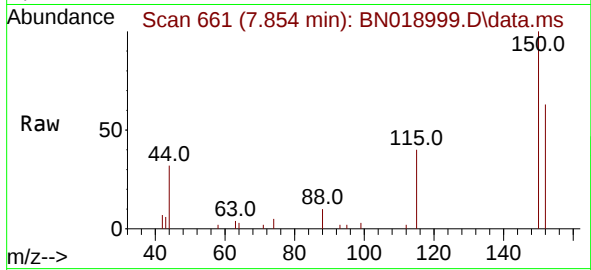
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. 0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

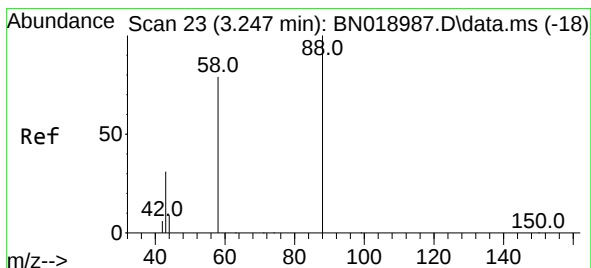
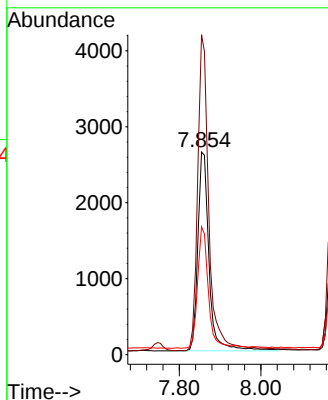
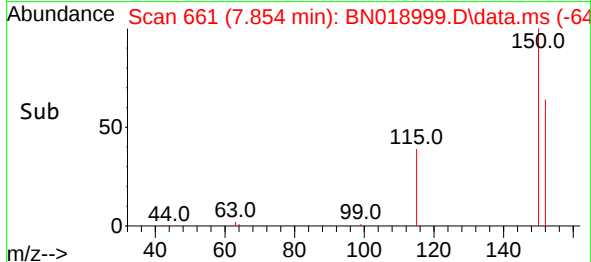
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:152 Resp: 497
Ion Ratio Lower Upper
152 100
150 157.9 123.9 185.9
115 63.0 48.2 72.4

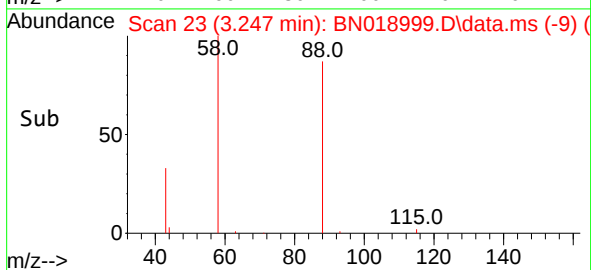
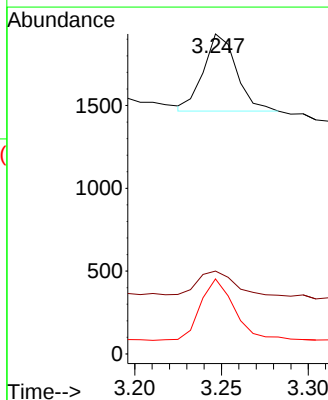
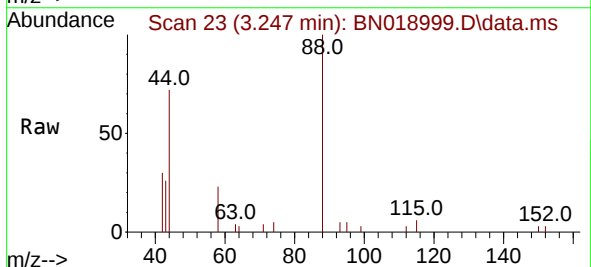
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#2
1,4-Dioxane
Concen: 0.100 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

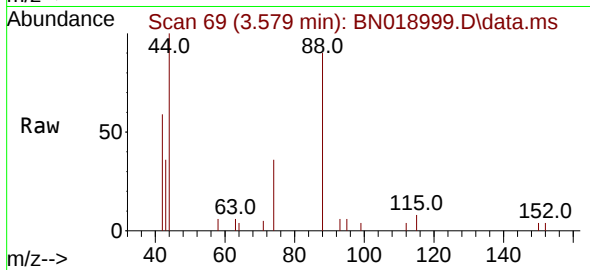
Tgt Ion: 88 Resp: 616
Ion Ratio Lower Upper
88 100
43 33.1 24.6 37.0
58 82.3 65.4 98.2





#3
n-Nitrosodimethylamine
Concen: 0.086 ng
RT: 3.579 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

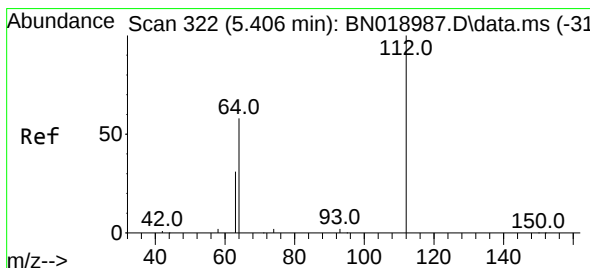
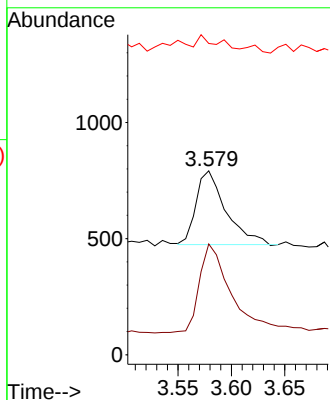
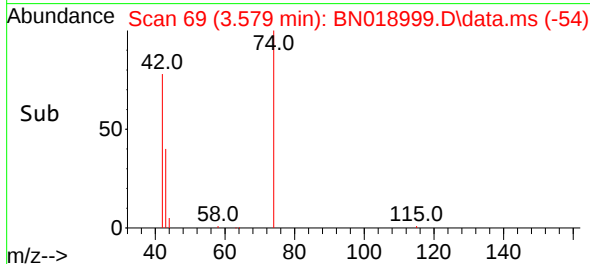
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 42 Resp: 619
Ion Ratio Lower Upper
42 100
74 133.8 96.9 145.3
44 14.7 7.3 10.9

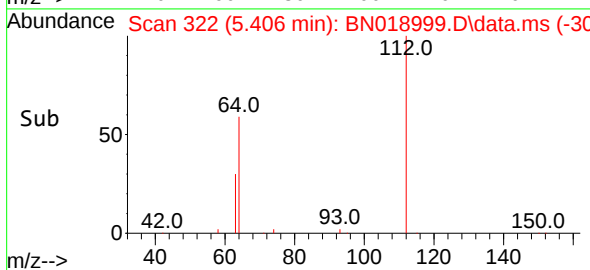
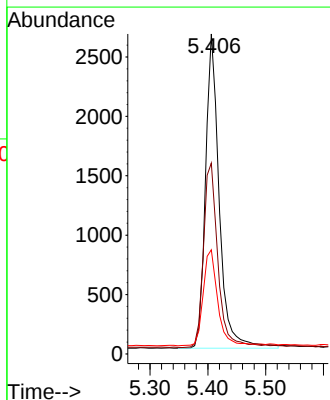
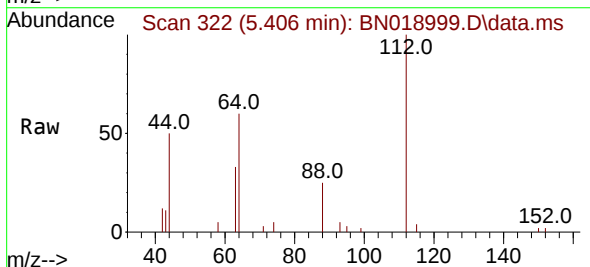
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#4
2-Fluorophenol
Concen: 0.391 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

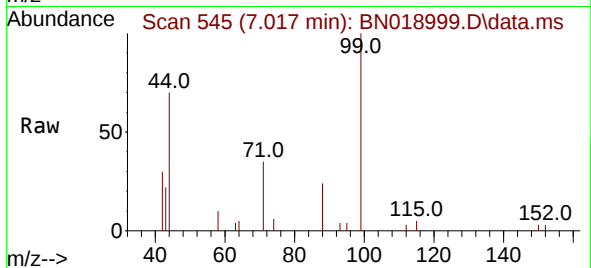
Tgt Ion:112 Resp: 4363
Ion Ratio Lower Upper
112 100
64 62.6 47.8 71.8
63 32.6 25.7 38.5





#5
Phenol-d6
Concen: 0.343 ng
RT: 7.017 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

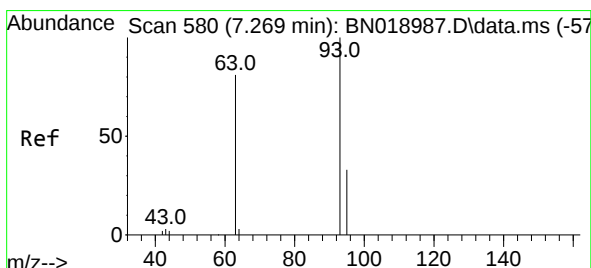
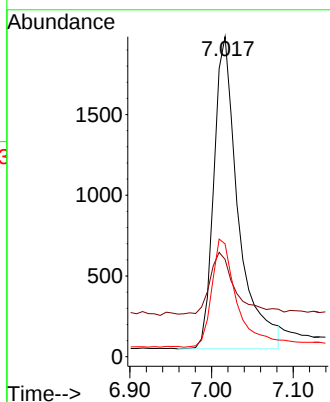
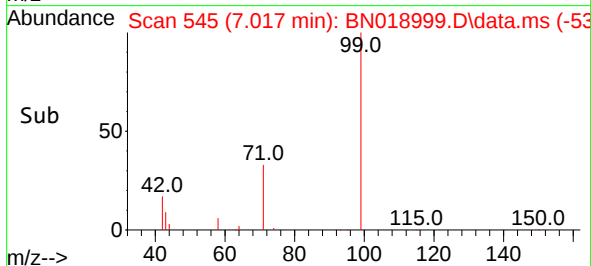
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 99 Resp: 401
Ion Ratio Lower Upper
99 100
42 20.5 16.2 24.4
71 35.6 27.7 41.5

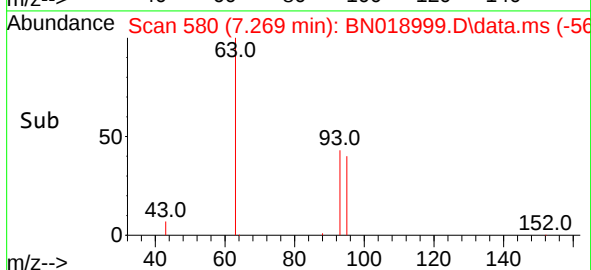
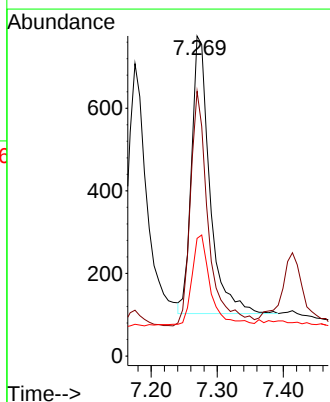
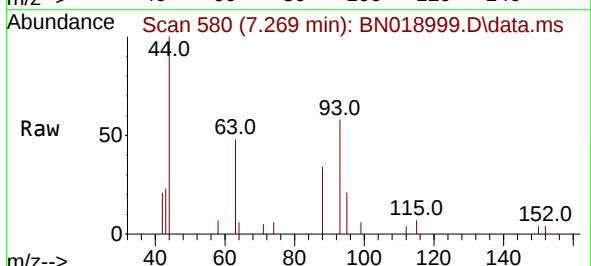
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#6
bis(2-Chloroethyl)ether
Concen: 0.093 ng
RT: 7.269 min Scan# 580
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

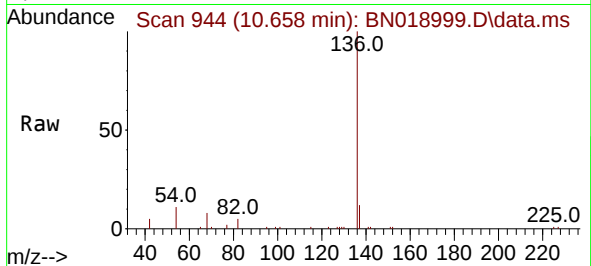
Tgt Ion: 93 Resp: 1292
Ion Ratio Lower Upper
93 100
63 82.8 62.8 94.2
95 34.0 26.2 39.4





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

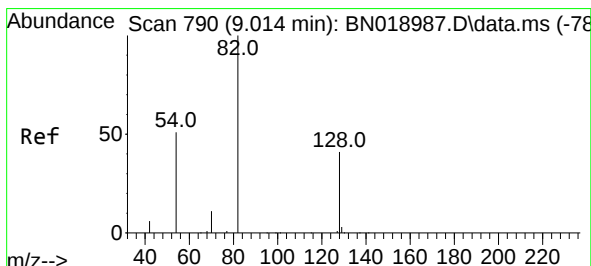
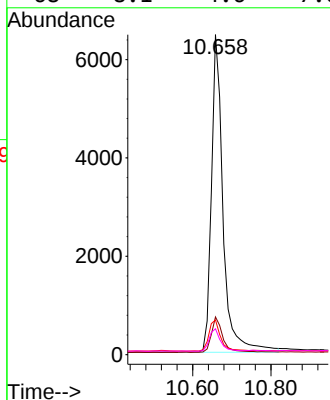
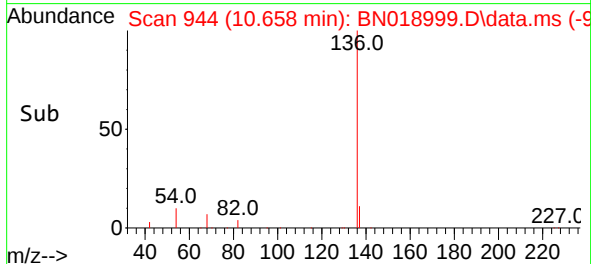
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.4
54	10.9	5.8	8.6
68	8.1	4.6	7.0

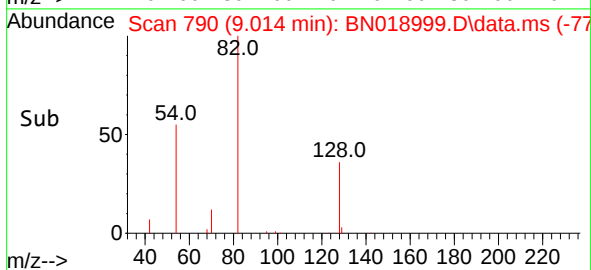
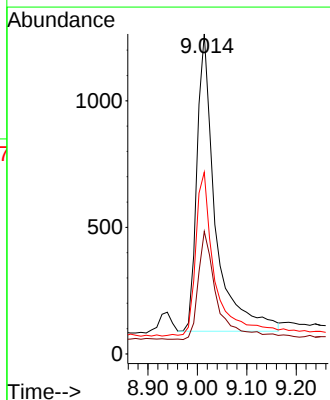
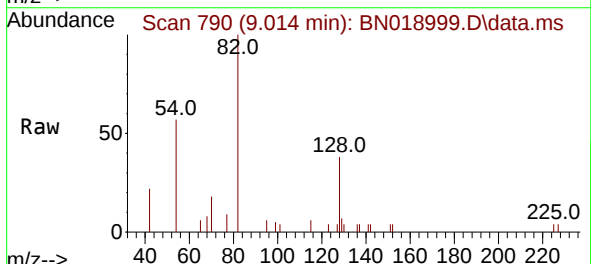
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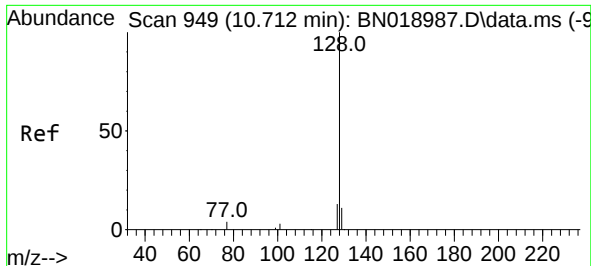
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 9.014 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.3	33.0	49.6
54	56.8	42.5	63.7





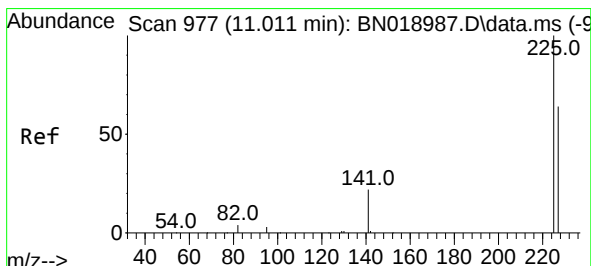
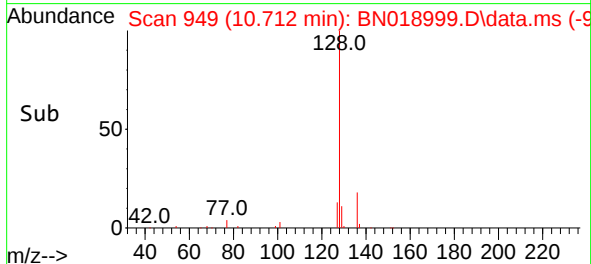
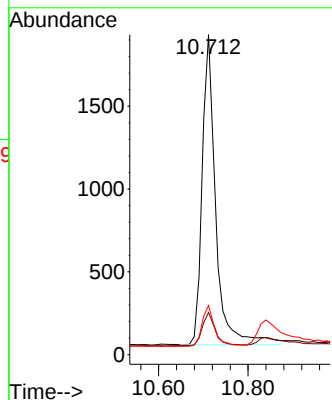
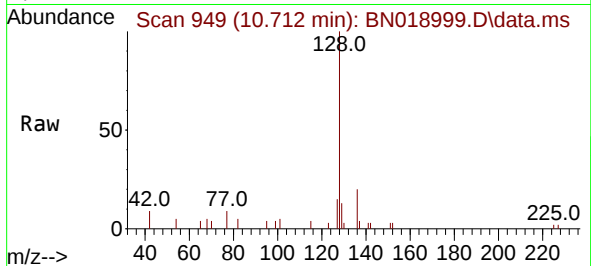
#9
Naphthalene
Concen: 0.104 ng
RT: 10.712 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Tgt Ion:128 Resp: 395
Ion Ratio Lower Upper
128 100
129 13.2 9.0 13.4
127 15.4 10.7 16.1

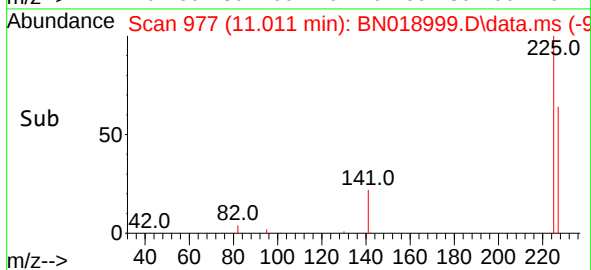
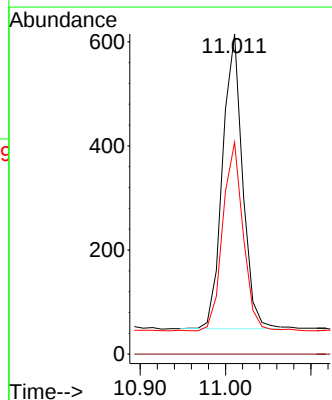
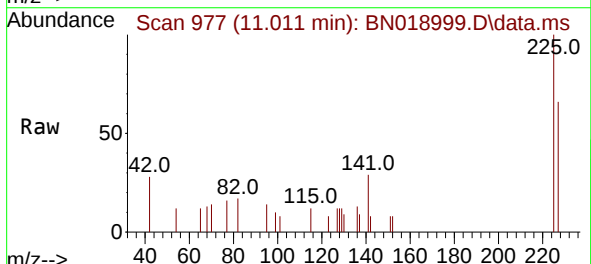
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#10
Hexachlorobutadiene
Concen: 0.099 ng
RT: 11.011 min Scan# 977
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

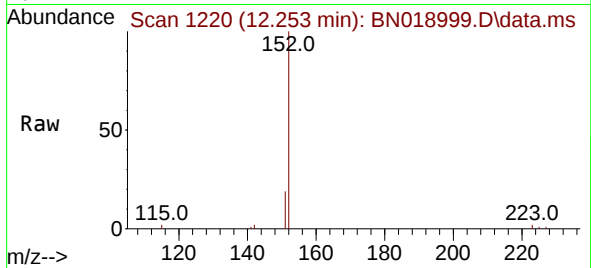
Tgt Ion:225 Resp: 920
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 65.1 51.0 76.6





#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.253 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

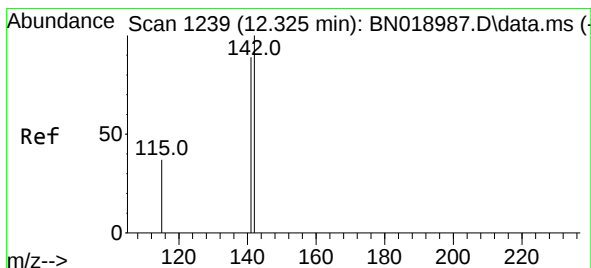
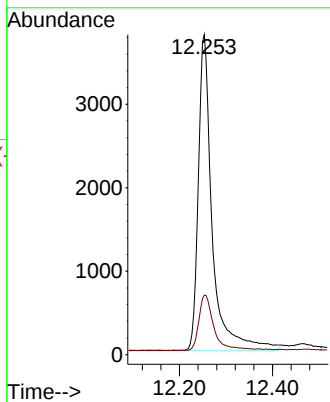
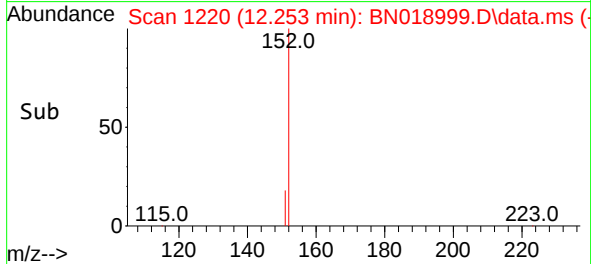
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BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2022



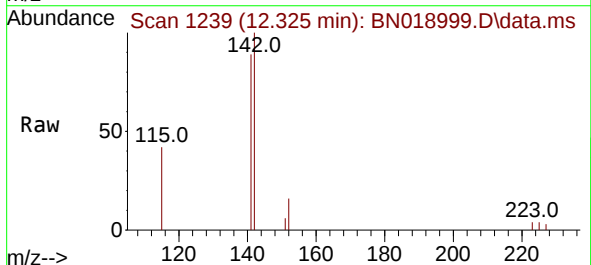
Tgt Ion:152 Resp: 785
Ion Ratio Lower Upper
152 100
151 18.9 16.5 24.7

Manual Integrations
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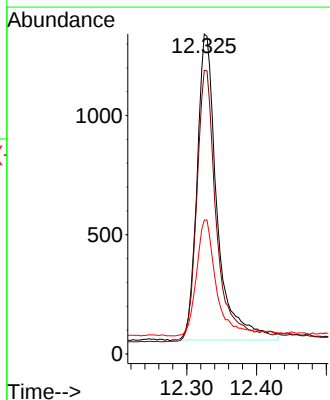
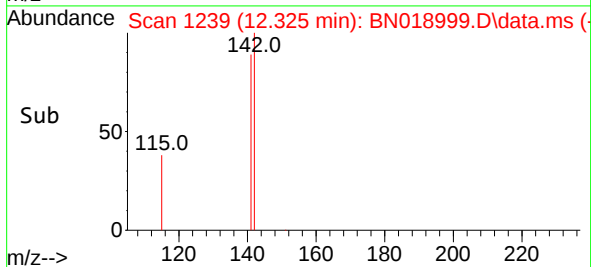
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

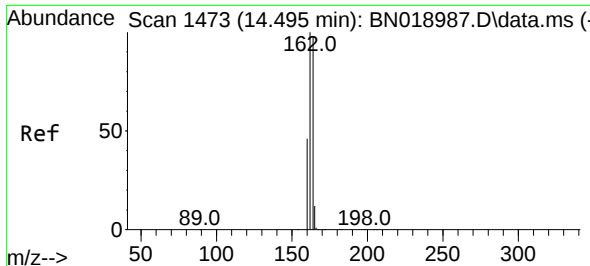


#12
2-Methylnaphthalene
Concen: 0.099 ng
RT: 12.325 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55



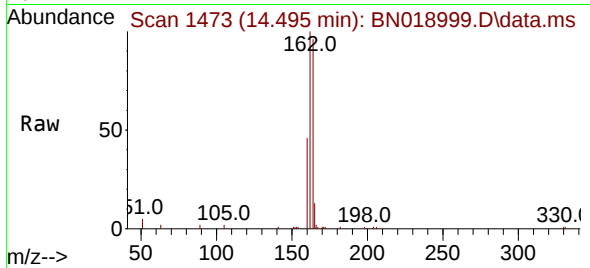
Tgt Ion:142 Resp: 2564
Ion Ratio Lower Upper
142 100
141 88.7 70.0 105.0
115 41.9 29.8 44.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

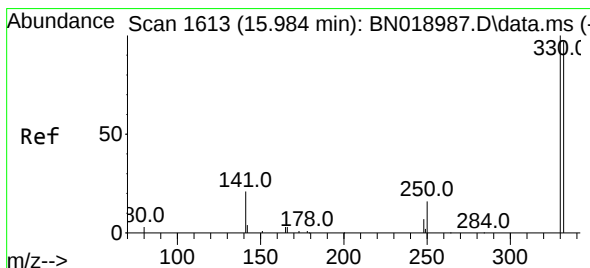
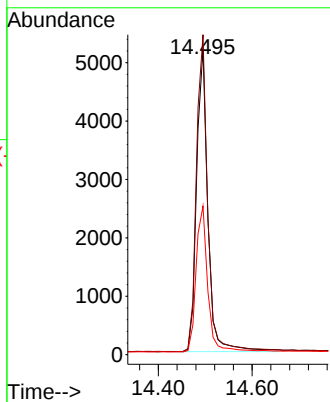
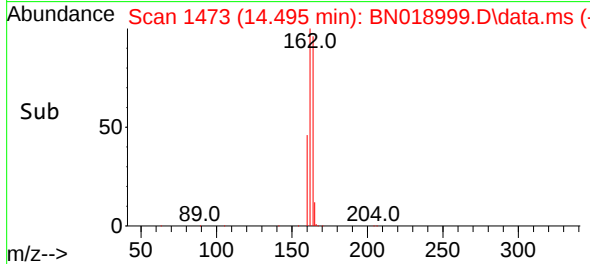
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2022



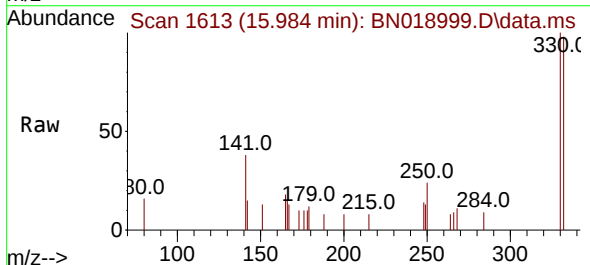
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Ion Ratio Lower Upper
164 100
162 104.6 85.2 127.8
160 48.6 41.5 62.3

Manual Integrations
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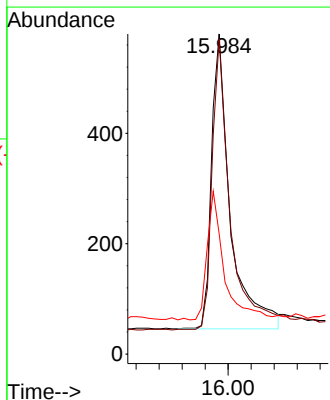
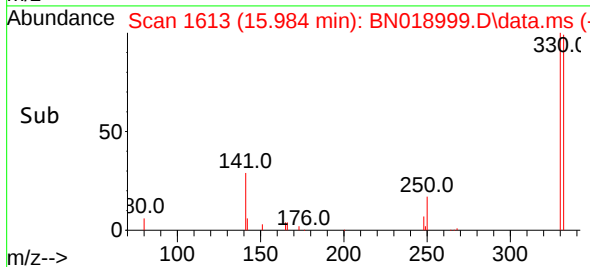
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

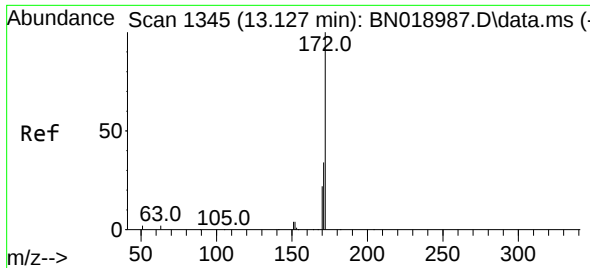


#14
2,4,6-Tribromophenol
Concen: 0.289 ng
RT: 15.984 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55



Tgt Ion:330 Resp: 1212
Ion Ratio Lower Upper
330 100
332 96.0 76.8 115.2
141 40.1 32.2 48.2





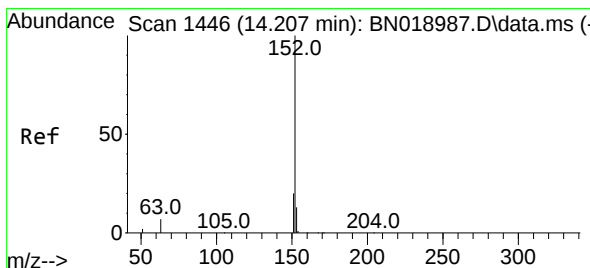
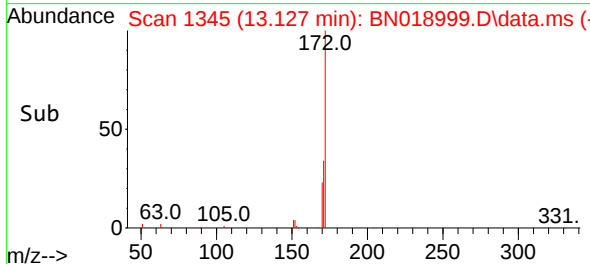
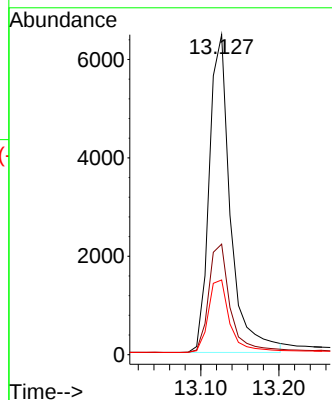
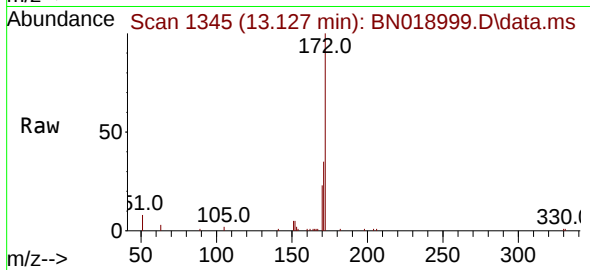
#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 13.127 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Tgt Ion:172 Resp: 12239
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 23.4 18.7 28.1

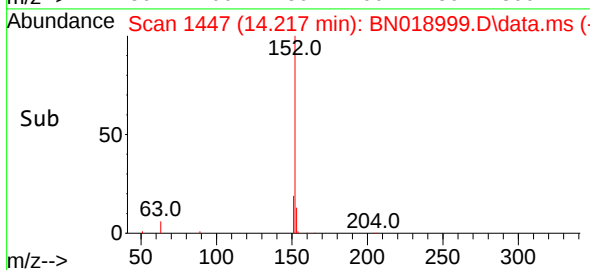
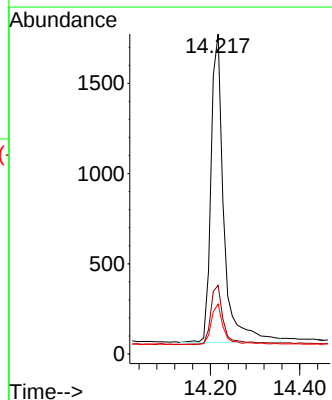
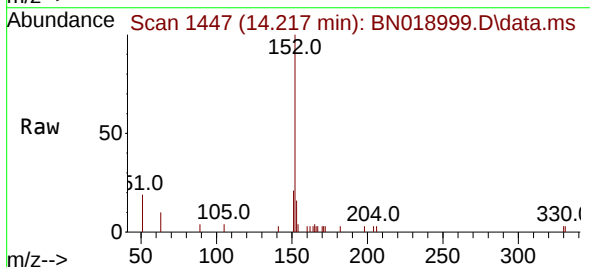
Manual Integrations
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#16
Acenaphthylene
Concen: 0.085 ng
RT: 14.217 min Scan# 1447
Delta R.T. 0.011 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

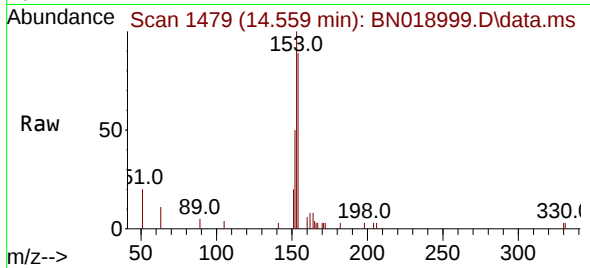
Tgt Ion:152 Resp: 3418
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 12.7 10.6 15.8





#17
Acenaphthene
Concen: 0.094 ng
RT: 14.559 min Scan# 1479
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

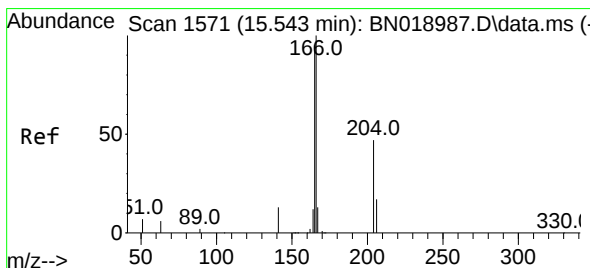
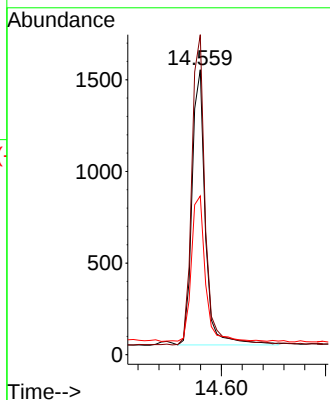
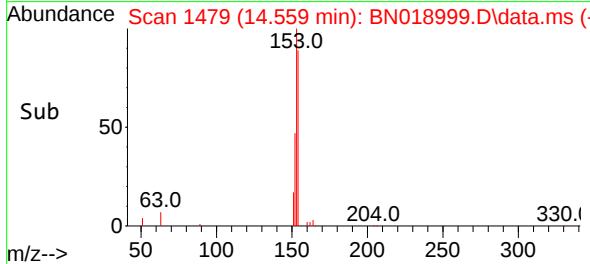
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2022



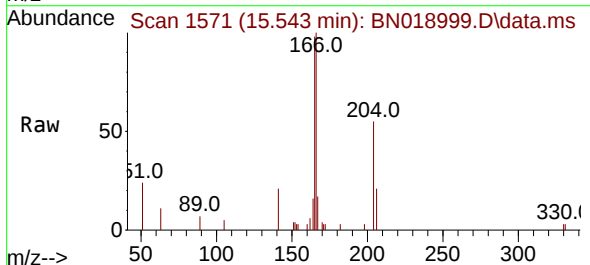
Tgt Ion:154 Resp: 2662
Ion Ratio Lower Upper
154 100
153 113.9 89.7 134.5
152 55.0 44.7 67.1

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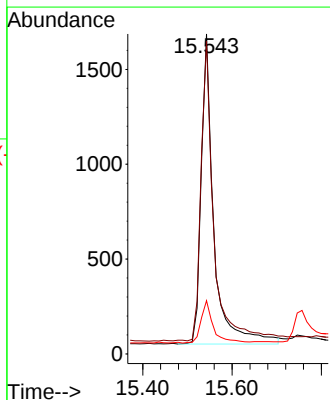
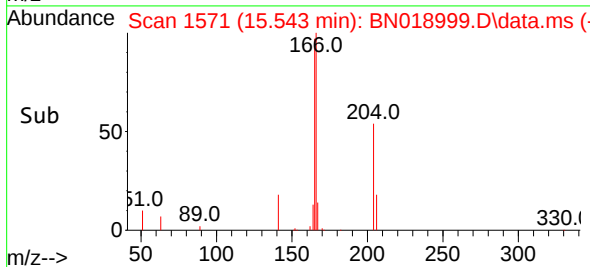
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

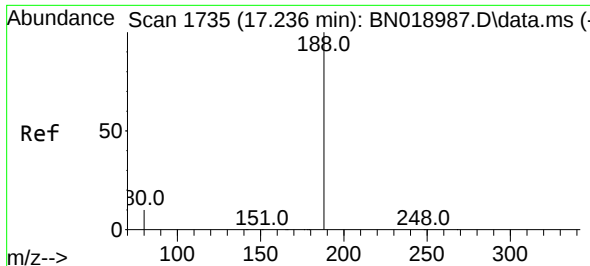


#18
Fluorene
Concen: 0.090 ng
RT: 15.543 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55



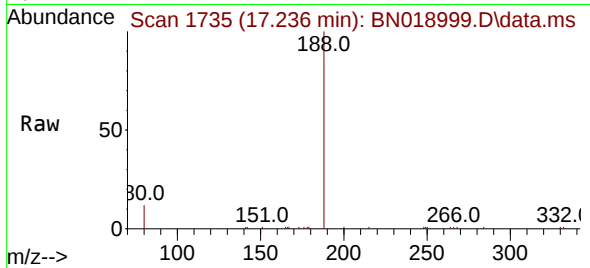
Tgt Ion:166 Resp: 3198
Ion Ratio Lower Upper
166 100
165 97.4 79.2 118.8
167 13.4 10.7 16.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

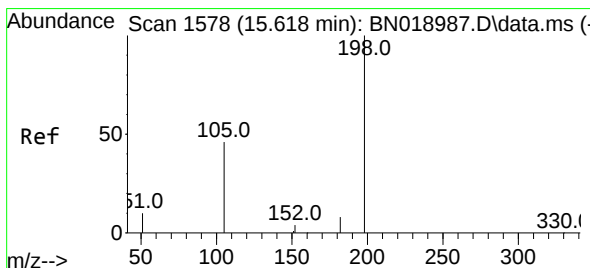
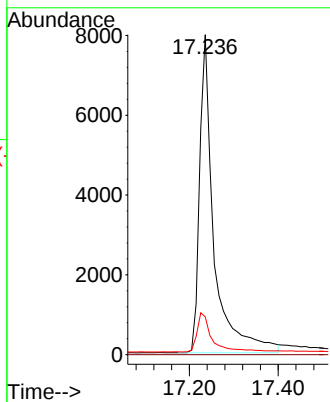
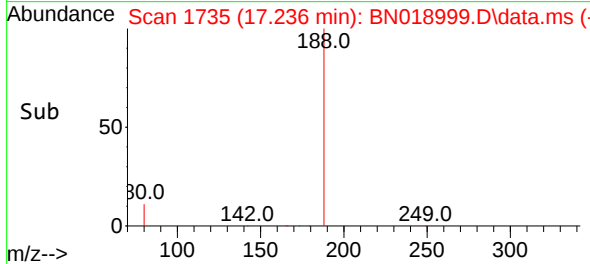
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:188 Resp: 17870
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 11.8 17.8

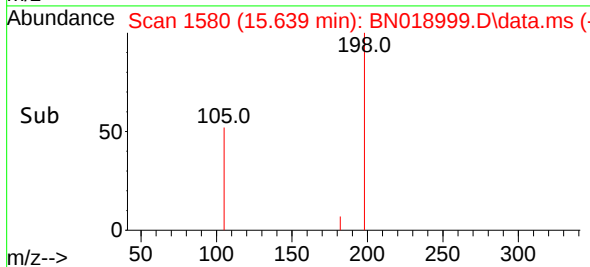
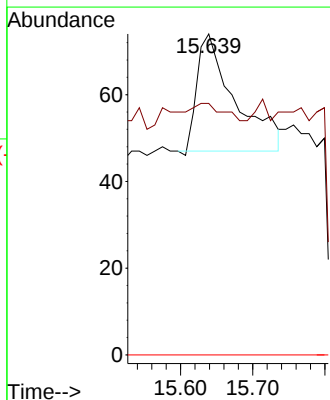
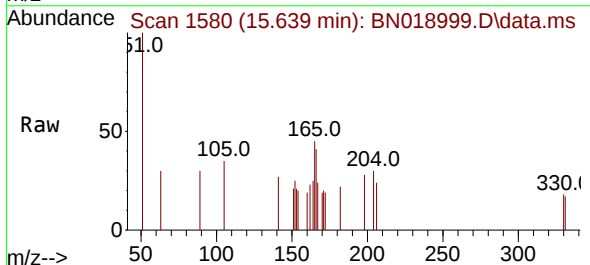
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#20
4,6-Dinitro-2-methylphenol
Concen: 0.044 ng
RT: 15.639 min Scan# 1580
Delta R.T. 0.021 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

Tgt Ion:198 Resp: 98
Ion Ratio Lower Upper
198 100
182 78.4 13.0 19.4#
77 0.0 0.0 0.0





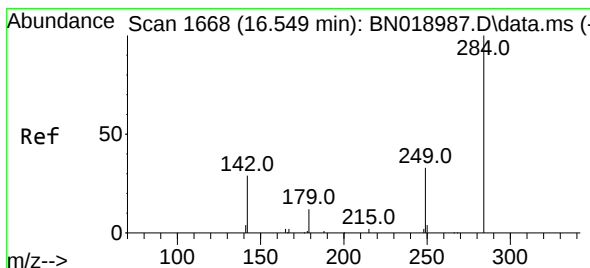
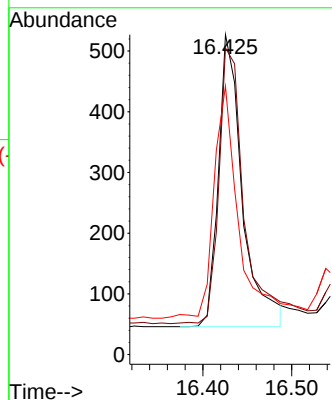
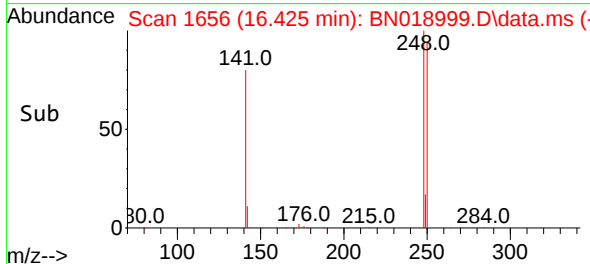
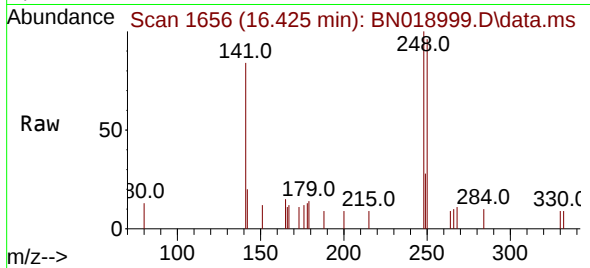
#21
4-Bromophenyl-phenylether
Concen: 0.080 ng
RT: 16.425 min Scan# 1656
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Tgt Ion:248 Resp: 900
Ion Ratio Lower Upper
248 100
250 95.8 80.7 121.1
141 83.9 39.6 59.4

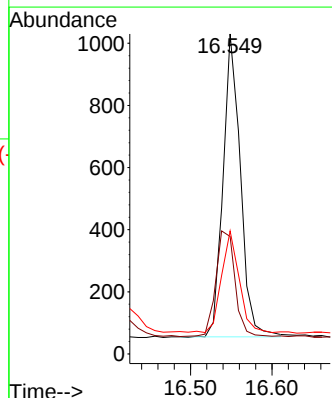
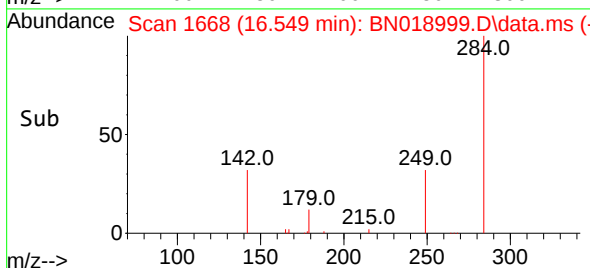
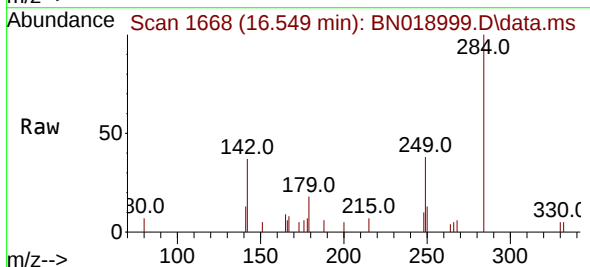
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#22
Hexachlorobenzene
Concen: 0.099 ng
RT: 16.549 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

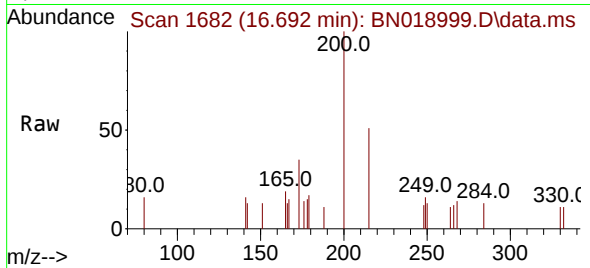
Tgt Ion:284 Resp: 1441
Ion Ratio Lower Upper
284 100
142 38.4 29.8 44.8
249 34.0 26.2 39.2





#23
Atrazine
Concen: 0.088 ng
RT: 16.692 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

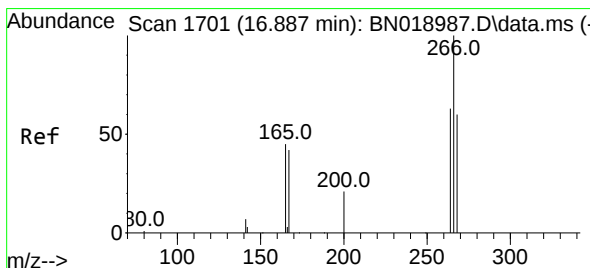
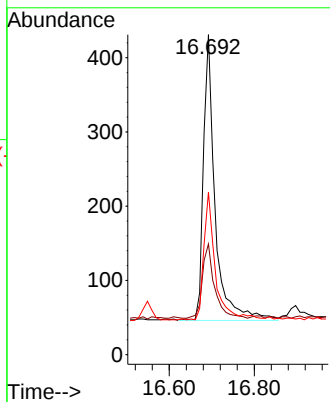
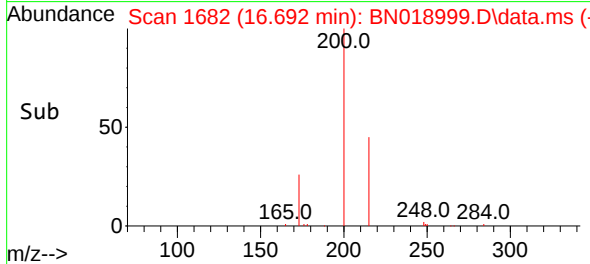
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2022



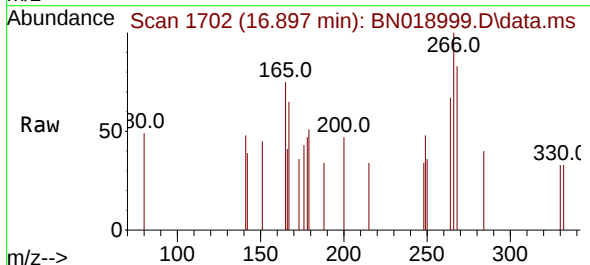
Tgt Ion:200 Resp: 738
Ion Ratio Lower Upper
200 100
173 34.6 23.9 35.9
215 50.8 36.6 54.8

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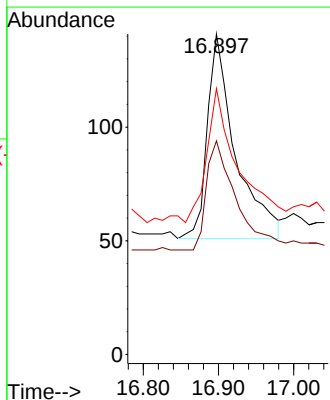
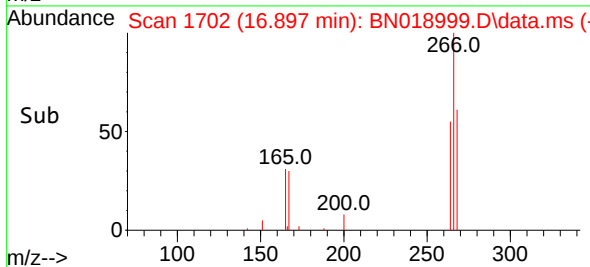
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#24
Pentachlorophenol
Concen: 0.052 ng
RT: 16.897 min Scan# 1702
Delta R.T. 0.010 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55



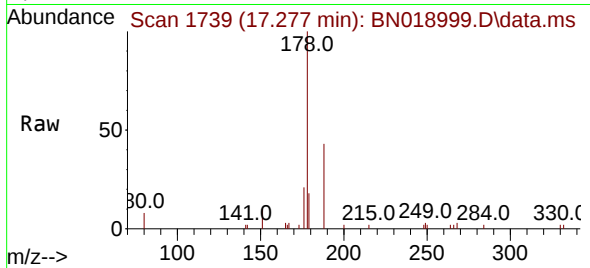
Tgt Ion:266 Resp: 234
Ion Ratio Lower Upper
266 100
264 60.7 50.2 75.4
268 74.8 51.9 77.9





#25
Phenanthrene
Concen: 0.090 ng
RT: 17.277 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

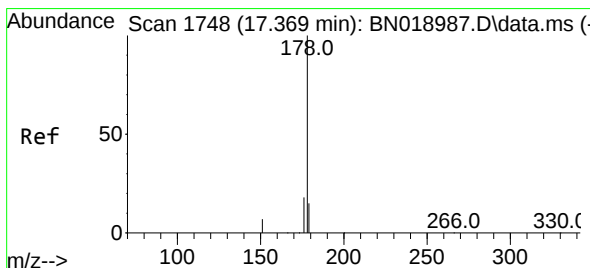
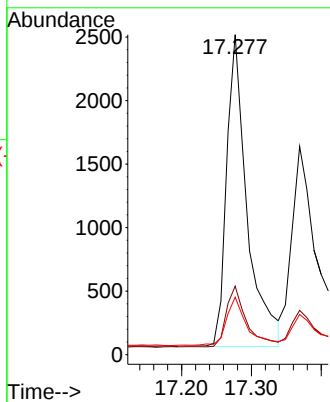
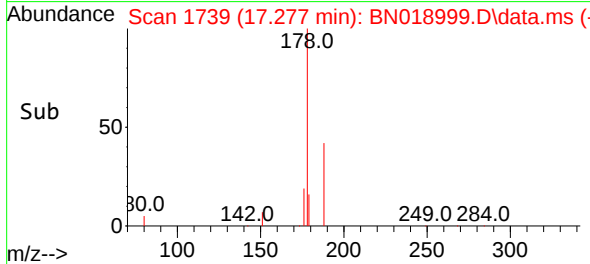
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2022



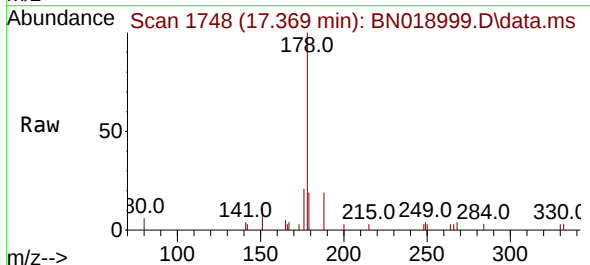
Tgt Ion:178 Resp: 5012
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.5 12.2 18.2

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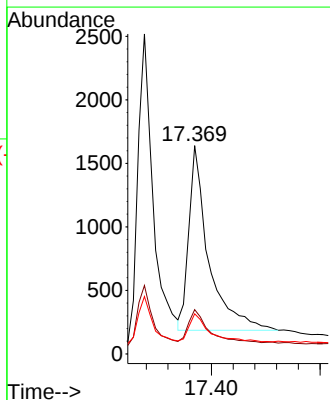
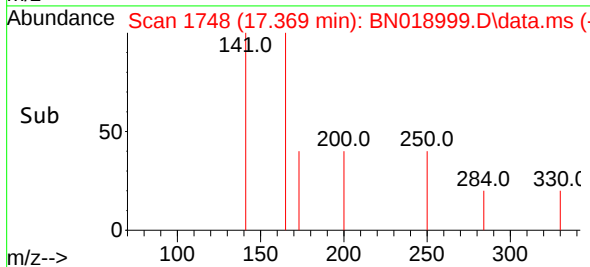
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#26
Anthracene
Concen: 0.078 ng
RT: 17.369 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55



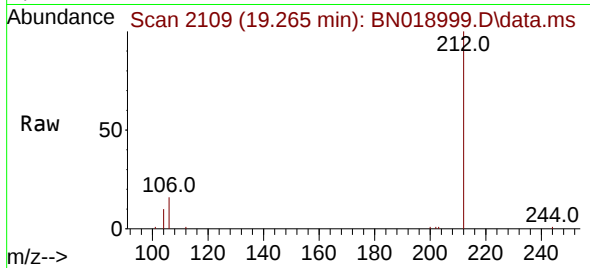
Tgt Ion:178 Resp: 3684
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.1 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

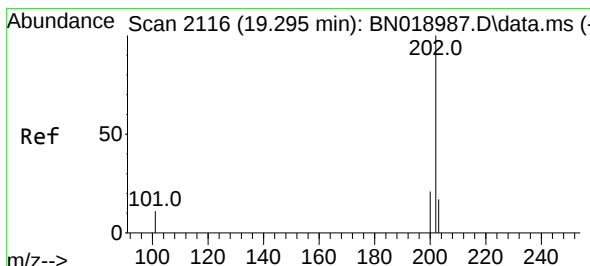
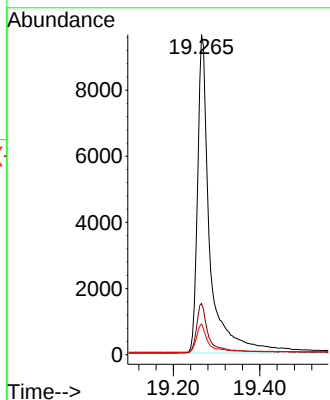
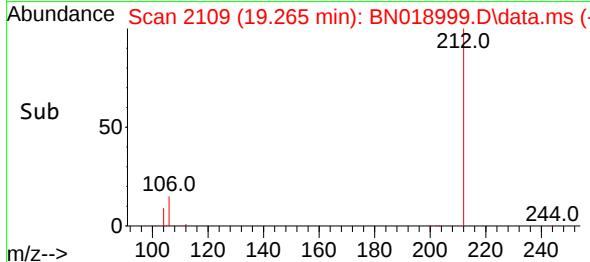
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:212 Resp: 19014
Ion Ratio Lower Upper
212 100
106 15.3 12.7 19.1
104 8.2 7.1 10.7

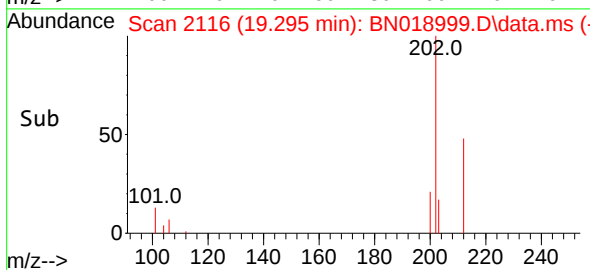
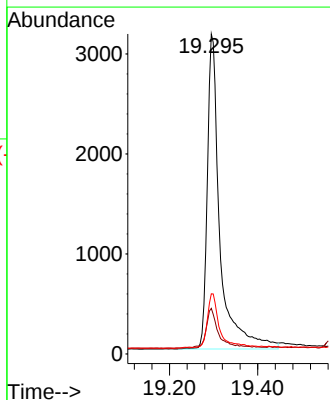
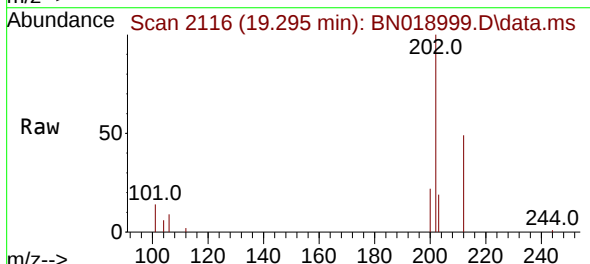
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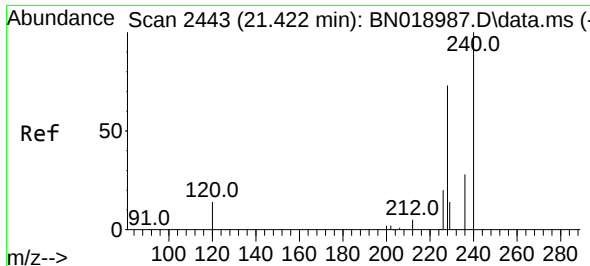
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#28
Fluoranthene
Concen: 0.096 ng
RT: 19.295 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

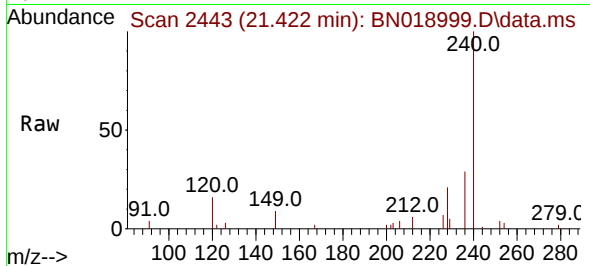
Tgt Ion:202 Resp: 6282
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.6
203 16.3 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

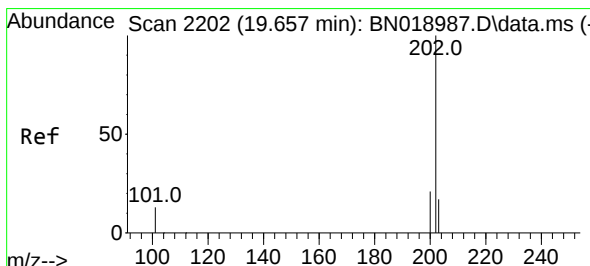
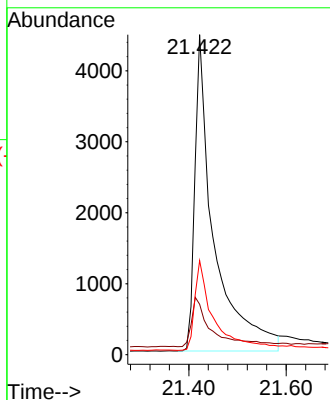
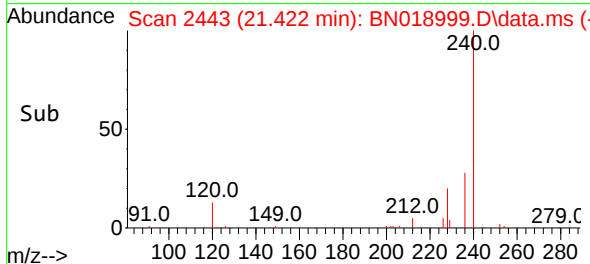
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:240 Resp: 12079
Ion Ratio Lower Upper
240 100
120 15.7 8.5 12.7
236 29.4 22.4 33.6

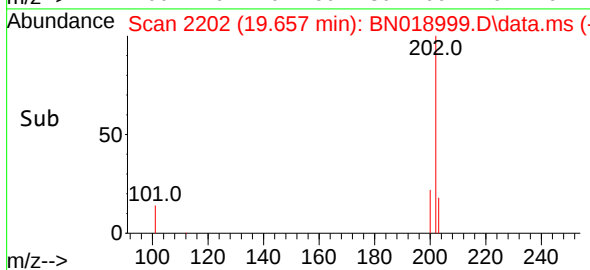
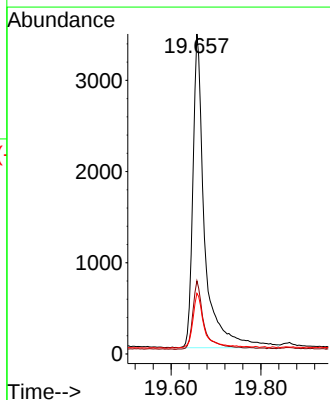
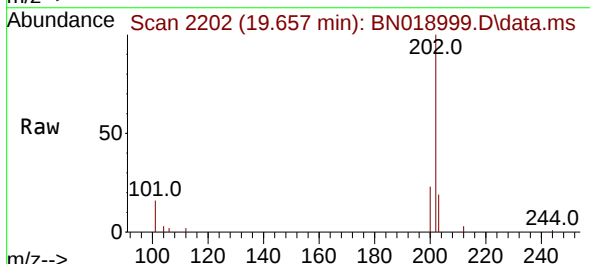
Manual Integrations
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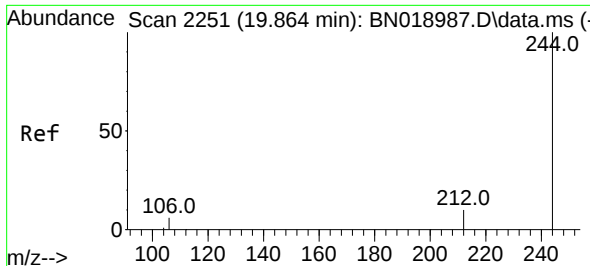
Reviewed By :Christian Giraldo 03/18/2022
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#30
Pyrene
Concen: 0.105 ng
RT: 19.657 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

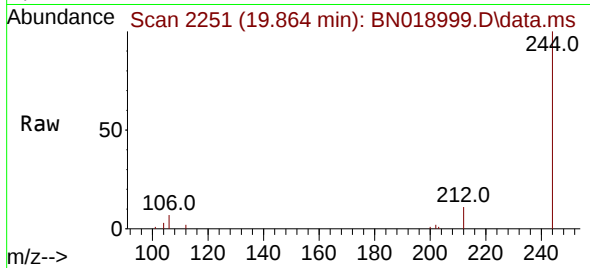
Tgt Ion:202 Resp: 6318
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 17.2 14.2 21.2





#31
 Terphenyl-d14
 Concen: 0.397 ng
 RT: 19.864 min Scan# 211764
 Delta R.T. -0.000 min
 Lab File: BN018999.D
 Acq: 17 Mar 2022 17:55

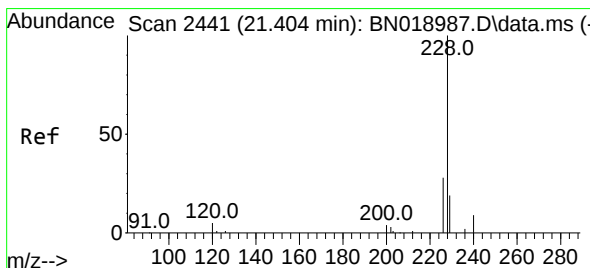
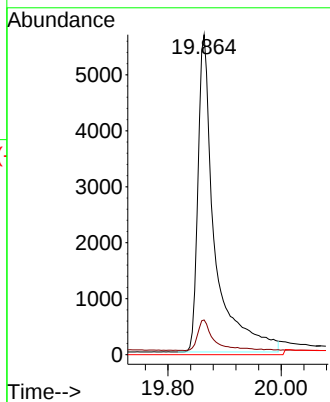
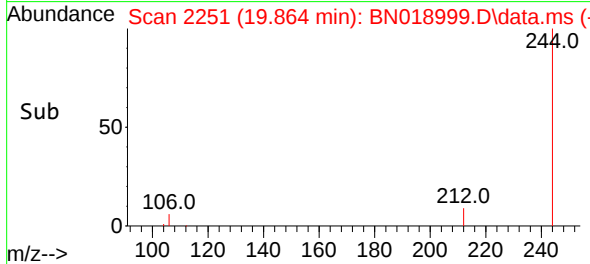
Instrument : BNA_N
 ClientSampleId : LOQ-SOIL-02-QT1-2022



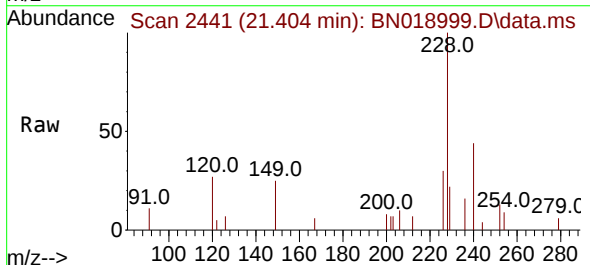
Tgt Ion:244 Resp: 11764
 Ion Ratio Lower Upper
 244 100
 212 10.8 8.2 12.4
 122 0.0 0.0 0.0

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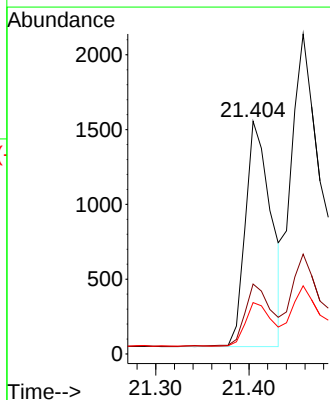
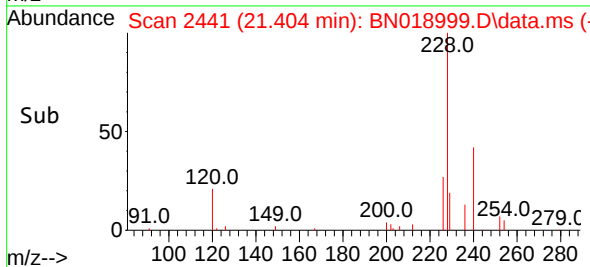
Reviewed By :Christian Giraldo 03/18/2022
 Supervised By :Jagrut Upadhyay 03/18/2022

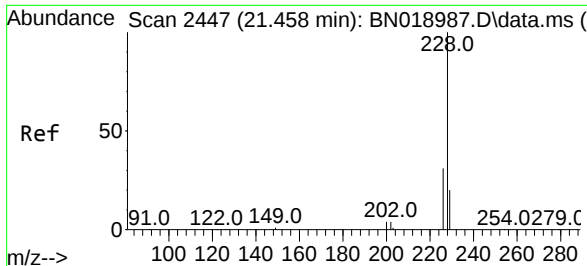


#32
 Benzo(a)anthracene
 Concen: 0.078 ng
 RT: 21.404 min Scan# 2441
 Delta R.T. -0.000 min
 Lab File: BN018999.D
 Acq: 17 Mar 2022 17:55



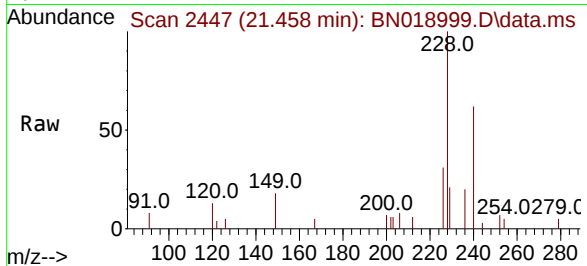
Tgt Ion:228 Resp: 2887
 Ion Ratio Lower Upper
 228 100
 226 30.0 21.9 32.9
 229 22.1 16.0 24.0





#33
Chrysene
Concen: 0.103 ng
RT: 21.458 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

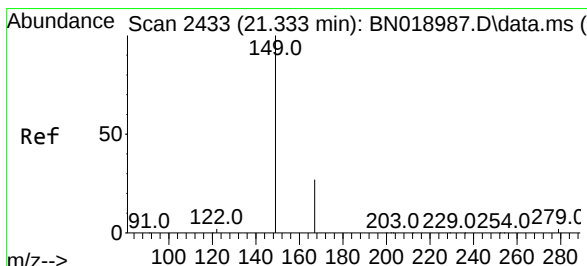
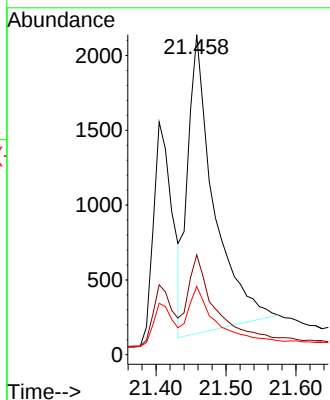
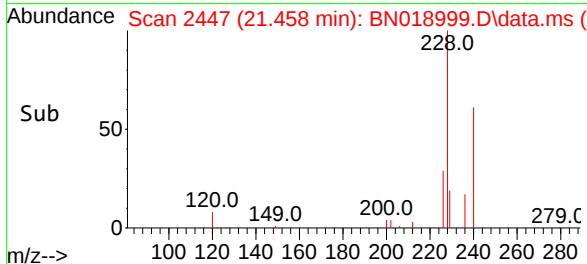
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 228 Resp: 5169
Ion Ratio Lower Upper
228 100
226 31.2 24.0 36.0
229 21.3 15.9 23.9

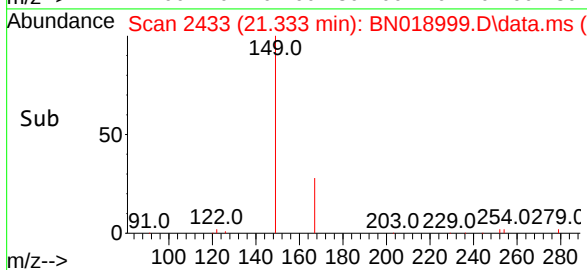
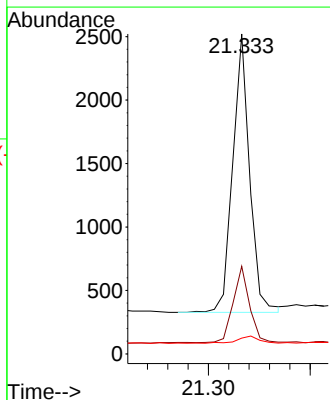
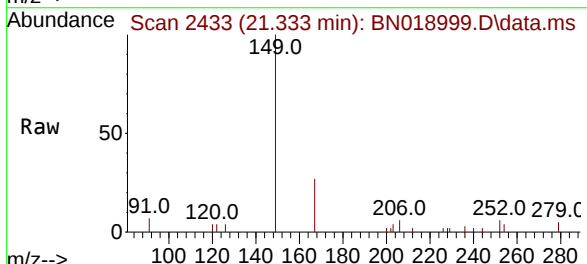
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Supervised By : Jagrut Upadhyay 03/18/2022



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.102 ng
RT: 21.333 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

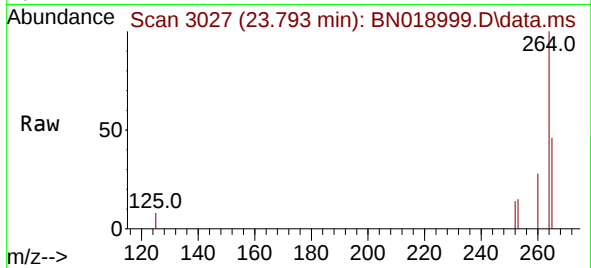
Tgt Ion: 149 Resp: 2528
Ion Ratio Lower Upper
149 100
167 27.0 21.8 32.8
279 3.4 2.0 3.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.793 min Scan# 3026
 Delta R.T. 0.003 min
 Lab File: BN018999.D
 Acq: 17 Mar 2022 17:55

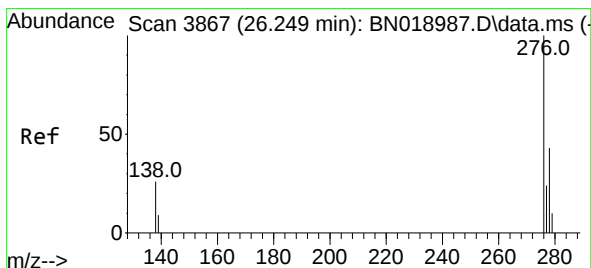
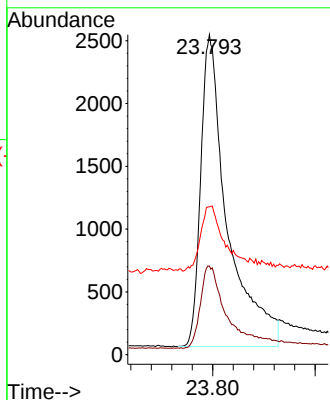
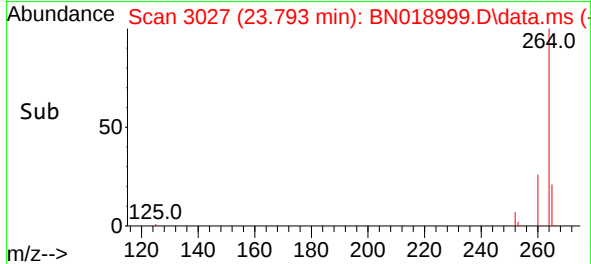
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022



Tgt Ion:264 Resp: 898
 Ion Ratio Lower Upper
 264 100
 260 27.7 22.4 33.6
 265 46.2 25.3 37.9

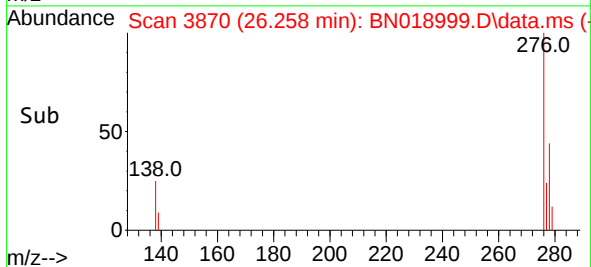
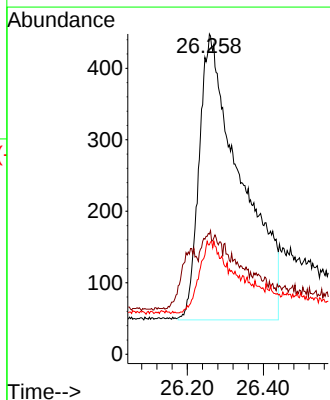
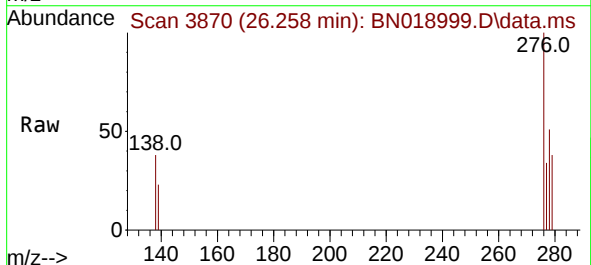
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 Supervised By :Jagrut Upadhyay 03/18/2022



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.093 ng m
 RT: 26.258 min Scan# 3870
 Delta R.T. 0.009 min
 Lab File: BN018999.D
 Acq: 17 Mar 2022 17:55

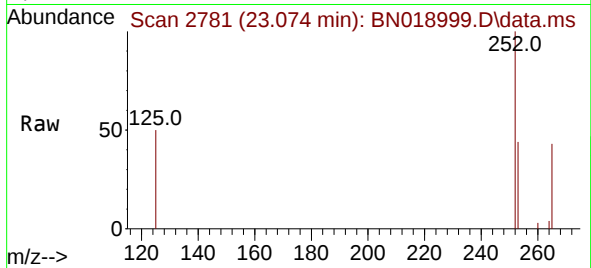
Tgt Ion:276 Resp: 3024
 Ion Ratio Lower Upper
 276 100
 138 2.3 24.5 36.7#
 277 5.8 19.8 29.8#





#37
Benzo(b)fluoranthene
Concen: 0.089 ng
RT: 23.074 min Scan# 2781
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

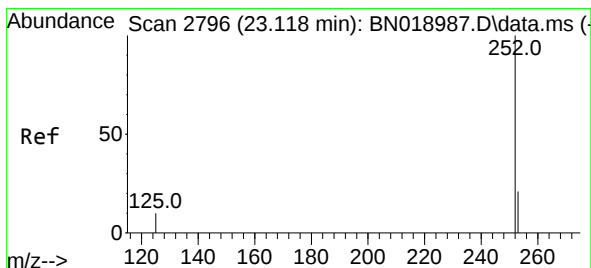
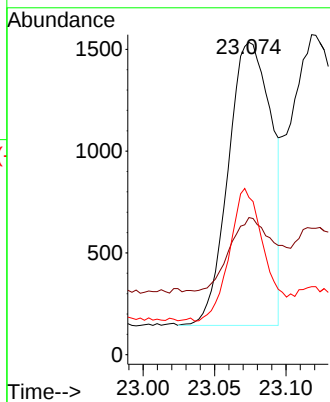
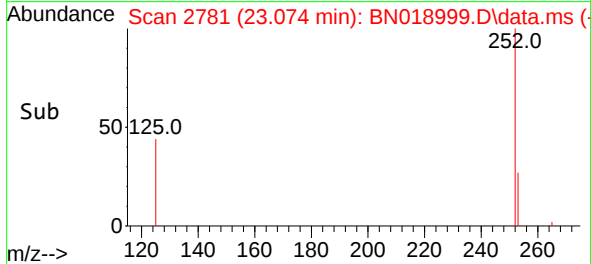
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:252 Resp: 2920
Ion Ratio Lower Upper
252 100
253 43.9 18.9 28.3#
125 50.4 12.1 18.1#

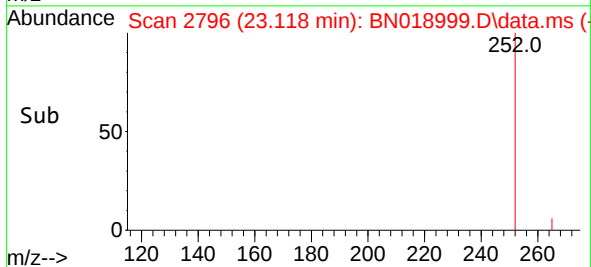
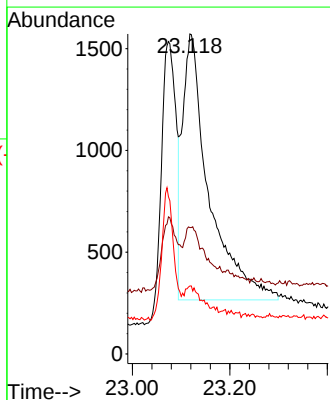
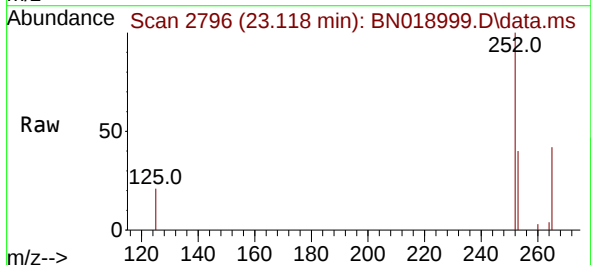
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Supervised By :Jagrut Upadhyay 03/18/2022



#38
Benzo(k)fluoranthene
Concen: 0.110 ng m
RT: 23.118 min Scan# 2796
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

Tgt Ion:252 Resp: 4920
Ion Ratio Lower Upper
252 100
253 39.5 18.9 28.3#
125 21.2 10.3 15.5#





#39

Benzo(a)pyrene

Concen: 0.121 ng m

RT: 23.691 min Scan# 2992

Delta R.T. -0.000 min

Lab File: BN018999.D

Acq: 17 Mar 2022 17:55

Instrument :

BN018999.D

ClientSampleId :

LOQ-SOIL-02-QT1-2022

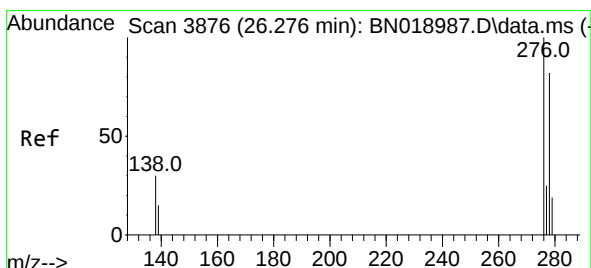
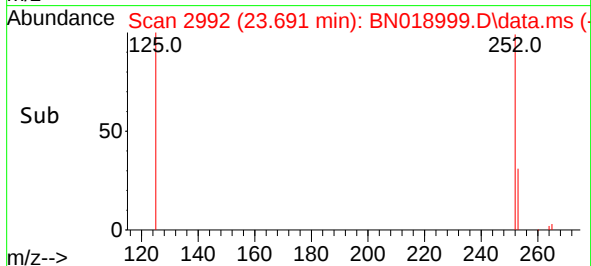
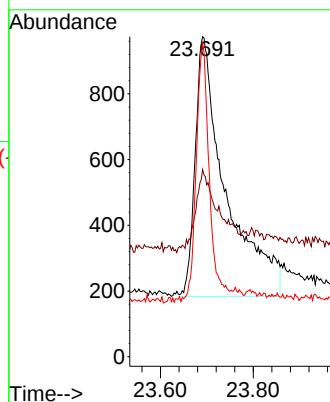
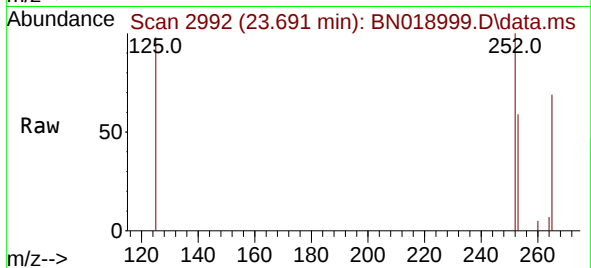
Tgt Ion:	252	Resp:	362
Ion Ratio	Lower	Upper	
252	100		
253	58.5	20.1	30.1
125	97.9	15.2	22.8

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Supervised By :Jagrut Upadhyay 03/18/2022



#40

Dibenzo(a,h)anthracene

Concen: 0.095 ng m

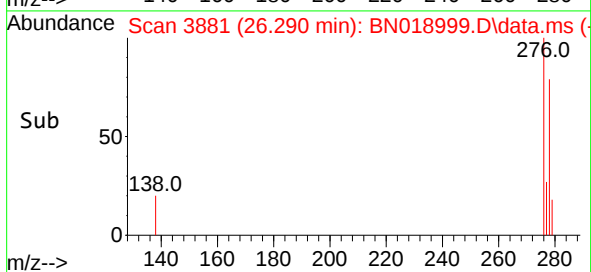
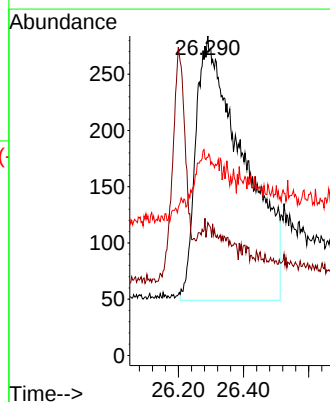
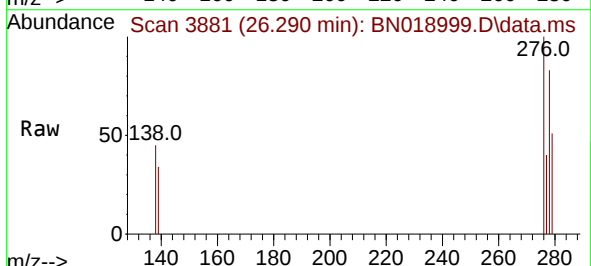
RT: 26.290 min Scan# 3881

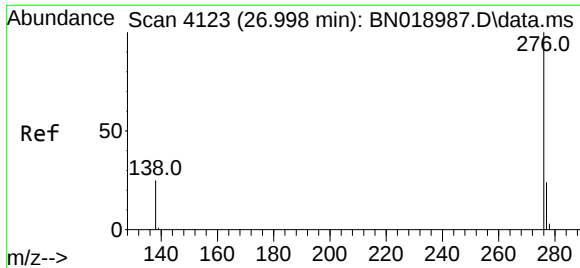
Delta R.T. 0.015 min

Lab File: BN018999.D

Acq: 17 Mar 2022 17:55

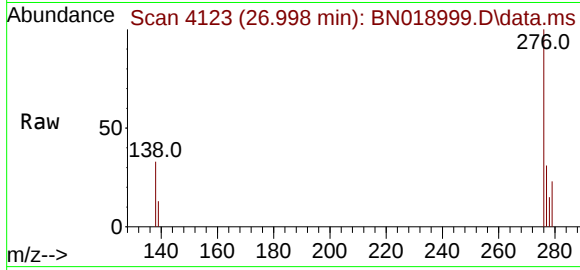
Tgt Ion:	278	Resp:	2391
Ion Ratio	Lower	Upper	
278	100		
139	41.5	17.2	25.8
279	62.0	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.093 ng m
RT: 26.998 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN018999.D
Acq: 17 Mar 2022 17:55

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:276 Resp: 296
Ion Ratio Lower Upper
276 100
277 31.2 19.4 29.0
138 32.8 21.0 31.6

Manual Integrations
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Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

