

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110624\
 Data File : BN034878.D
 Acq On : 06 Nov 2024 18:03
 Operator : RC/JU
 Sample : P4368-02
 Misc : LOQ-SOIL-0.2 ng
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024

Quant Time: Nov 07 00:42:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 00:03:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :mohammad ahmed 11/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	5935	0.400	ng	-0.01
7) Naphthalene-d8	10.340	136	17065	0.400	ng	-0.01
13) Acenaphthene-d10	14.208	164	7867	0.400	ng	-0.01
19) Phenanthrene-d10	16.952	188	14868	0.400	ng	#-0.02
29) Chrysene-d12	21.149	240	7963	0.400	ng	#-0.01
35) Perylene-d12	23.315	264	6322	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.199	112	5547	0.309	ng	-0.01
5) Phenol-d6	6.759	99	7340	0.314	ng	0.00
8) Nitrobenzene-d5	8.717	82	4930	0.368	ng	-0.01
11) 2-Methylnaphthalene-d10	11.939	152	12787	0.518	ng	-0.01
14) 2,4,6-Tribromophenol	15.698	330	556	0.143	ng	-0.02
15) 2-Fluorobiphenyl	12.829	172	11566	0.373	ng	-0.01
27) Fluoranthene-d10	18.990	212	18230	0.523	ng	-0.01
31) Terphenyl-d14	19.603	244	5908	0.345	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.191	88	1667m	0.256	ng	
3) n-Nitrosodimethylamine	3.487	42	1926m	0.263	ng	
6) bis(2-Chloroethyl)ether	7.012	93	4296	0.252	ng	95
9) Naphthalene	10.394	128	10346	0.219	ng	100
10) Hexachlorobutadiene	10.693	225	1625	0.209	ng	# 98
12) 2-Methylnaphthalene	12.011	142	6132	0.199	ng	97
16) Acenaphthylene	13.919	152	7894	0.200	ng	99
17) Acenaphthene	14.272	154	5282	0.201	ng	94
18) Fluorene	15.266	166	6413	0.196	ng	98
20) 4,6-Dinitro-2-methylph...	15.341	198	208	0.253	ng	# 1
21) 4-Bromophenyl-phenylether	16.157	248	1689	0.196	ng	# 87
22) Hexachlorobenzene	16.269	284	2043	0.212	ng	93
23) Atrazine	16.430	200	1089	0.147	ng	# 91
24) Pentachlorophenol	16.604	266	627	0.151	ng	97
25) Phenanthrene	16.989	178	9744	0.223	ng	99
26) Anthracene	17.088	178	8332	0.204	ng	100
28) Fluoranthene	19.017	202	9089	0.189	ng	97
30) Pyrene	19.384	202	8987	0.216	ng	100
32) Benzo(a)anthracene	21.131	228	6348	0.200	ng	99
33) Chrysene	21.185	228	6986	0.225	ng	99
34) Bis(2-ethylhexyl)phtha...	21.086	149	3813m	0.144	ng	
36) Indeno(1,2,3-cd)pyrene	25.476	276	5904	0.254	ng	93
37) Benzo(b)fluoranthene	22.669	252	6225	0.245	ng	# 83
38) Benzo(k)fluoranthene	22.713	252	6106	0.246	ng	# 84
39) Benzo(a)pyrene	23.222	252	4623	0.220	ng	# 72
40) Dibenzo(a,h)anthracene	25.490	278	4537	0.250	ng	93
41) Benzo(g,h,i)perylene	26.128	276	5194	0.265	ng	# 91

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

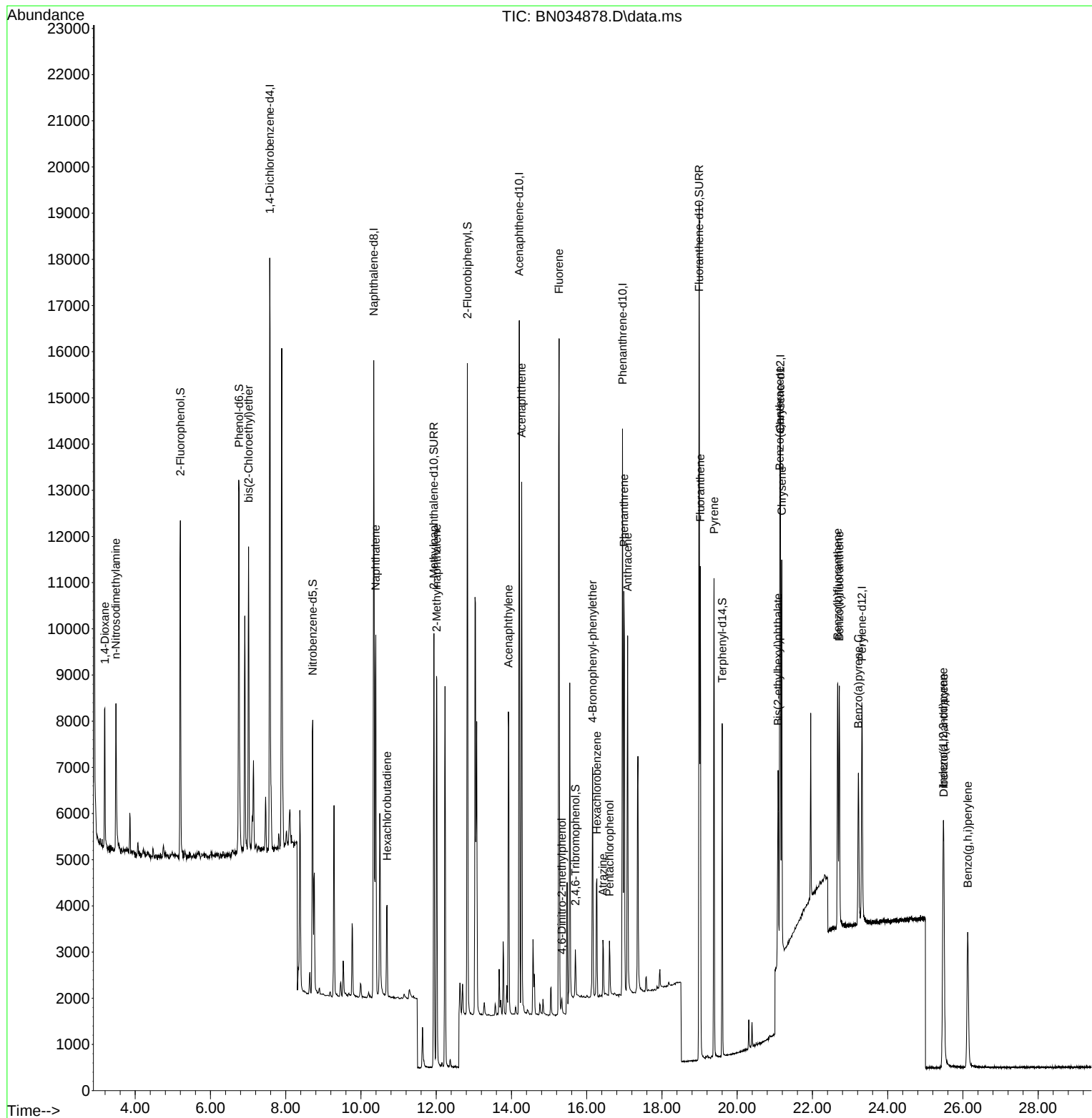
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110624\
Data File : BN034878.D
Acq On : 06 Nov 2024 18:03
Operator : RC/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 00:03:28 2024
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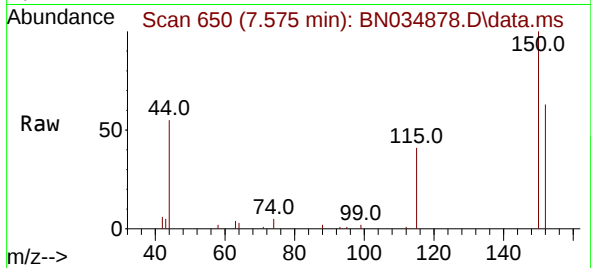
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN034878.D
 Acq: 06 Nov 2024 18:03

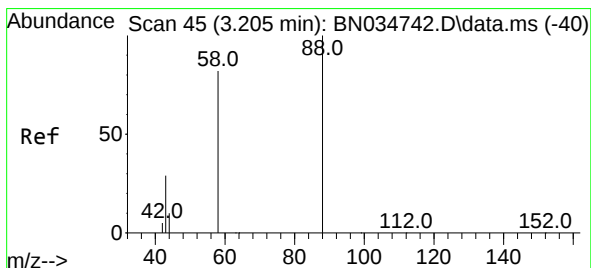
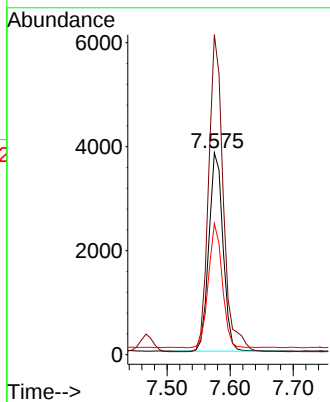
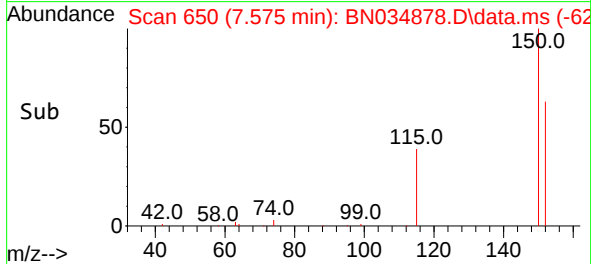
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024



Tgt Ion: 152 Resp: 593
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.9 187.3
 115 64.9 50.2 75.2

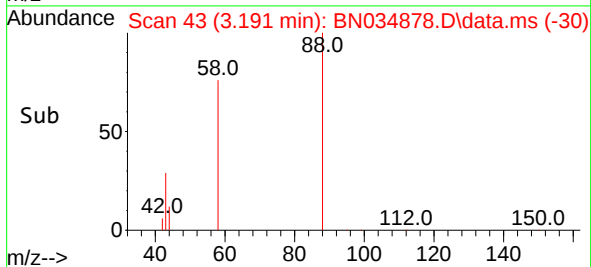
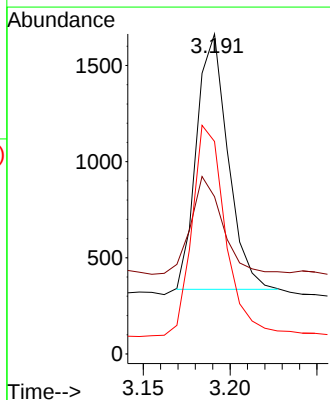
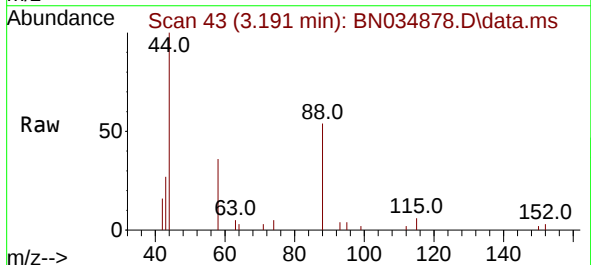
Manual Integrations
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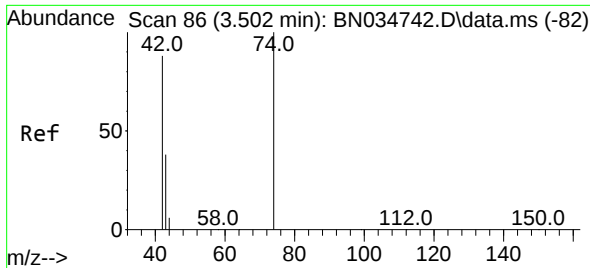
Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :mohammad ahmed 11/08/2024



#2
 1,4-Dioxane
 Concen: 0.256 ng m
 RT: 3.191 min Scan# 43
 Delta R.T. -0.007 min
 Lab File: BN034878.D
 Acq: 06 Nov 2024 18:03

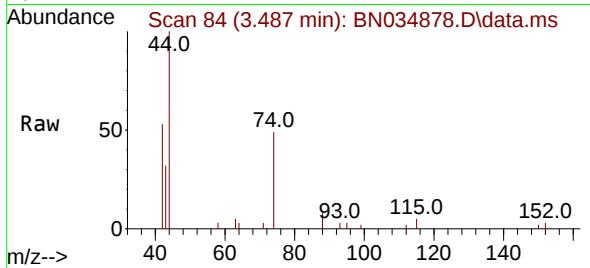
Tgt Ion: 88 Resp: 1667
 Ion Ratio Lower Upper
 88 100
 43 39.4 26.7 40.1
 58 90.7 59.3 88.9#





#3
n-Nitrosodimethylamine
Concen: 0.263 ng m
RT: 3.487 min Scan# 84
Delta R.T. -0.007 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

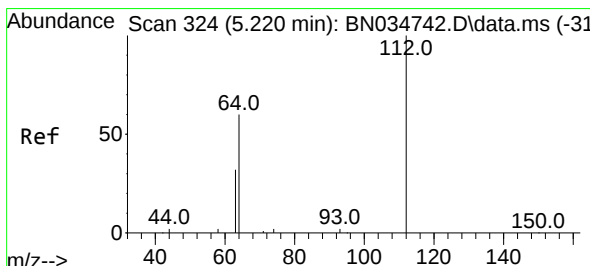
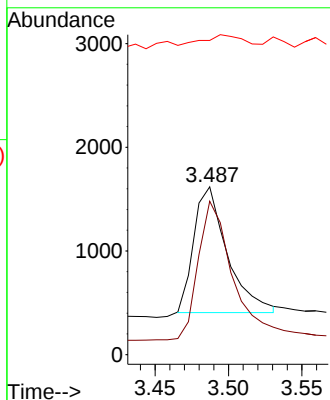
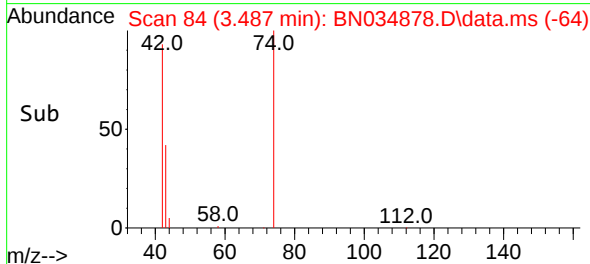
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion: 42 Resp: 1920
Ion Ratio Lower Upper
42 100
74 121.8 103.1 154.7
44 13.6 6.7 10.1

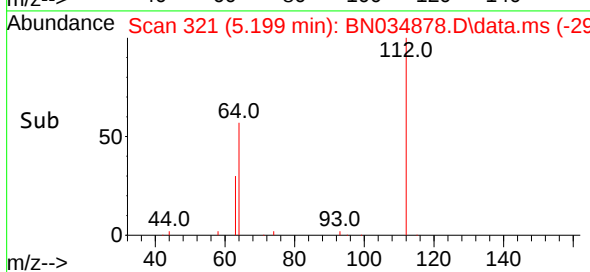
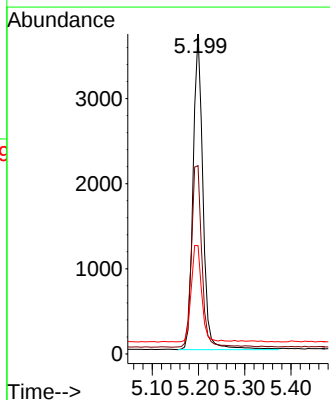
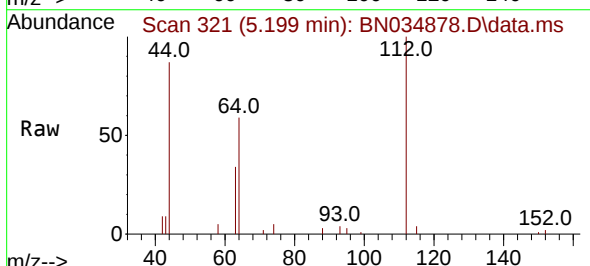
Manual Integrations
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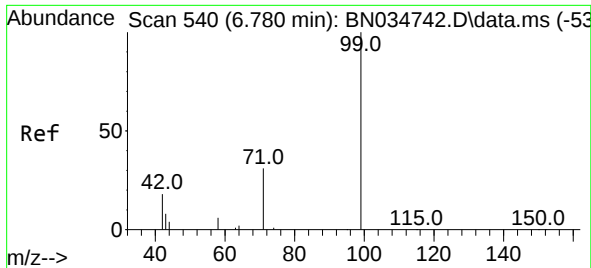
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#4
2-Fluorophenol
Concen: 0.309 ng
RT: 5.199 min Scan# 321
Delta R.T. -0.014 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

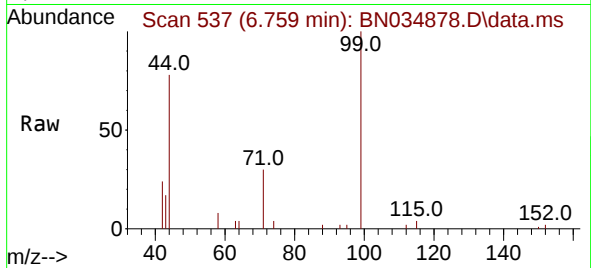
Tgt Ion:112 Resp: 5547
Ion Ratio Lower Upper
112 100
64 60.5 44.9 67.3
63 32.1 23.5 35.3





#5
Phenol-d6
Concen: 0.314 ng
RT: 6.759 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

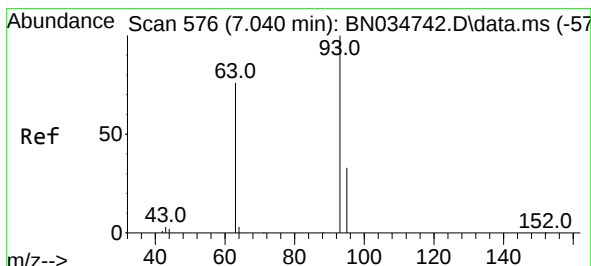
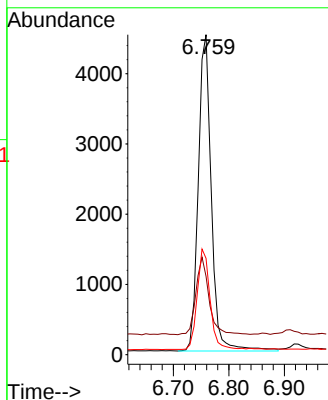
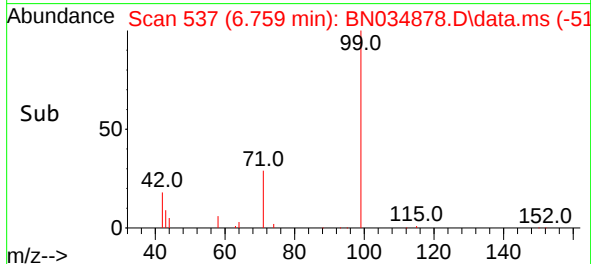
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion: 99 Resp: 7340
Ion Ratio Lower Upper
99 100
42 24.7 15.9 23.9
71 31.4 24.3 36.5

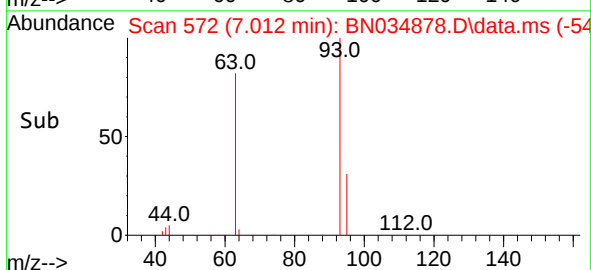
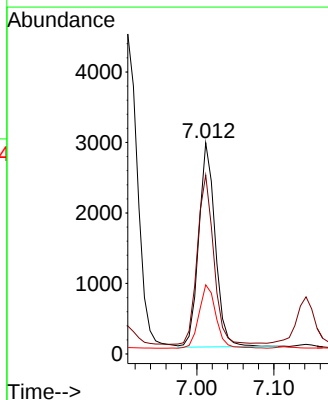
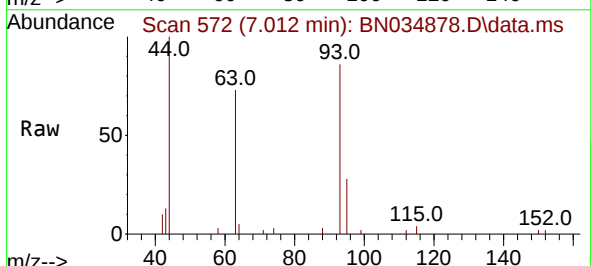
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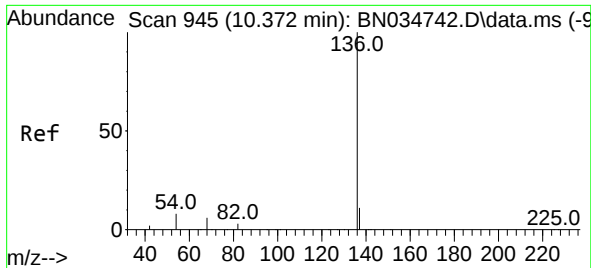
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#6
bis(2-Chloroethyl)ether
Concen: 0.252 ng
RT: 7.012 min Scan# 572
Delta R.T. -0.014 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

Tgt Ion: 93 Resp: 4296
Ion Ratio Lower Upper
93 100
63 82.9 61.2 91.8
95 32.2 25.8 38.8





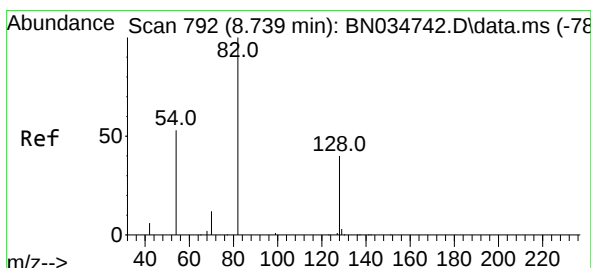
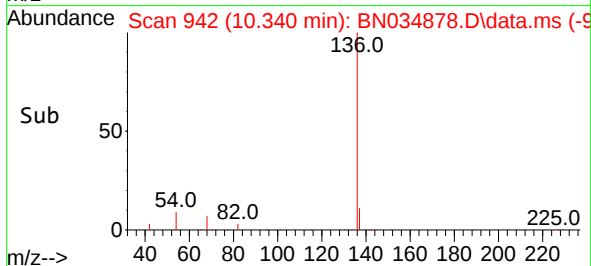
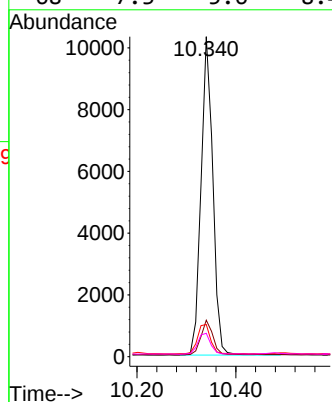
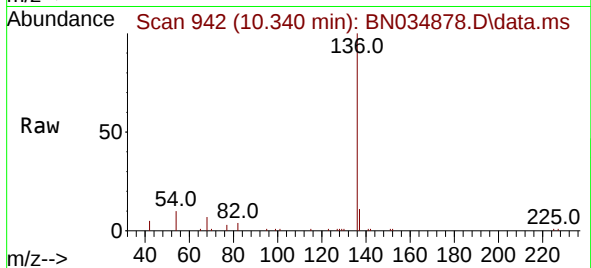
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 945
Delta R.T. -0.011 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:136 Resp: 1706
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 10.0 7.0 10.4
68 7.3 5.6 8.4

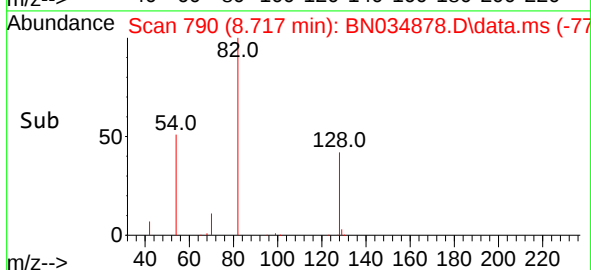
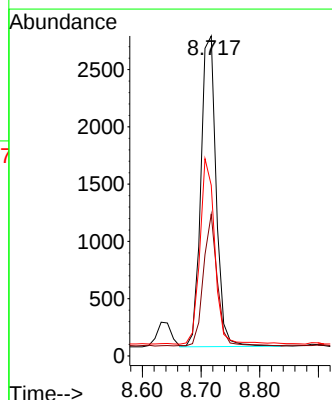
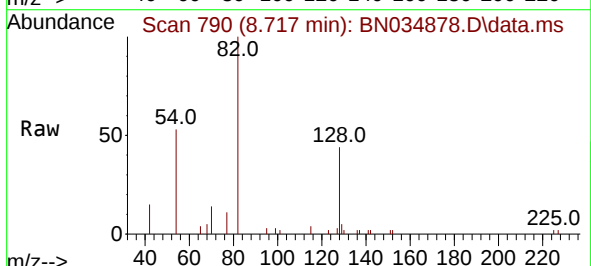
Manual Integrations
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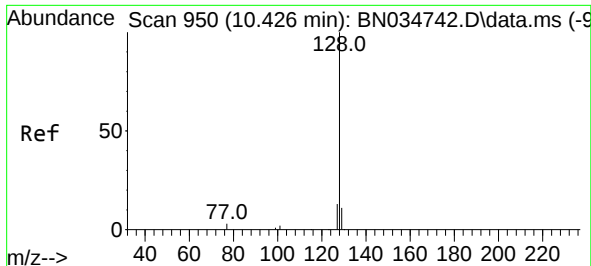
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.717 min Scan# 790
Delta R.T. -0.011 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

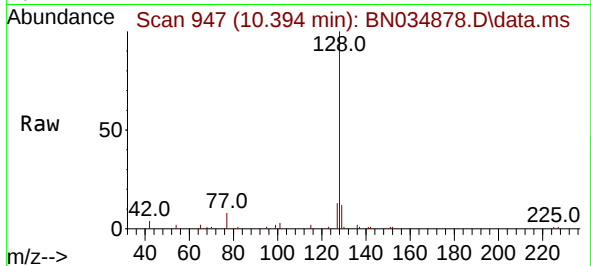
Tgt Ion: 82 Resp: 4930
Ion Ratio Lower Upper
82 100
128 44.3 33.7 50.5
54 53.3 44.4 66.6





#9
Naphthalene
Concen: 0.219 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

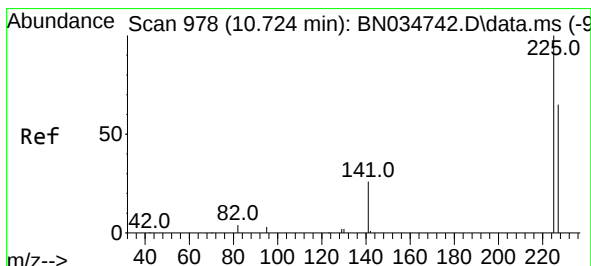
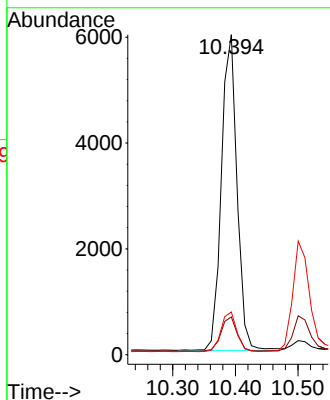
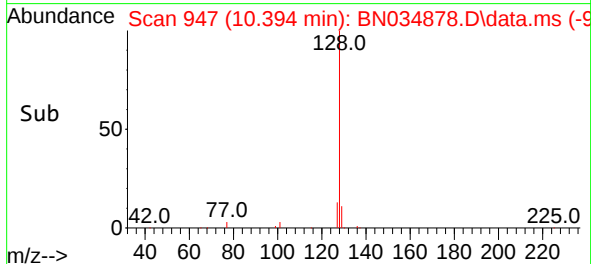
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:128 Resp: 10340
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.3 10.6 15.8

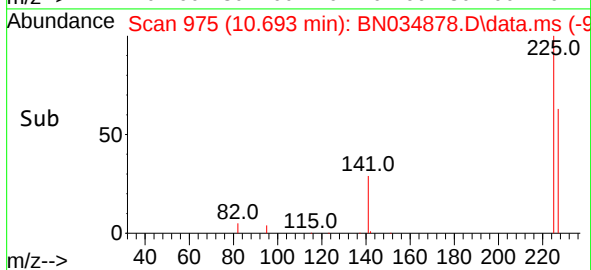
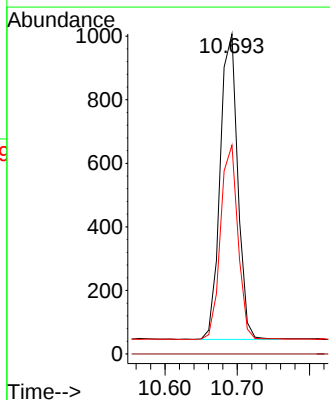
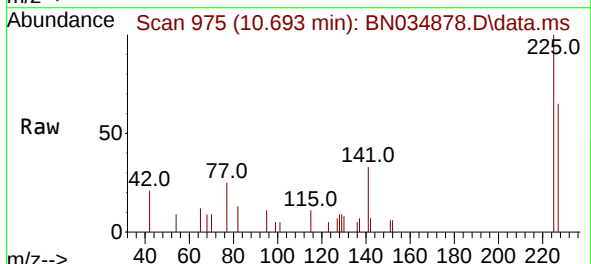
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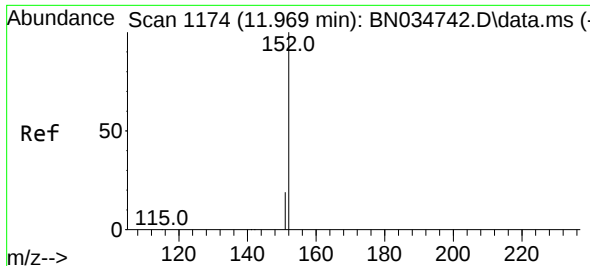
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#10
Hexachlorobutadiene
Concen: 0.209 ng
RT: 10.693 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

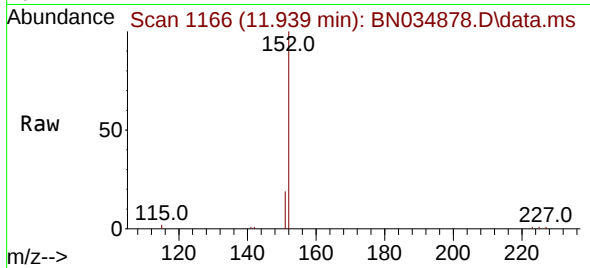
Tgt Ion:225 Resp: 1625
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 62.9 51.4 77.2





#11
2-Methylnaphthalene-d10
Concen: 0.518 ng
RT: 11.939 min Scan# 1174
Delta R.T. -0.011 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

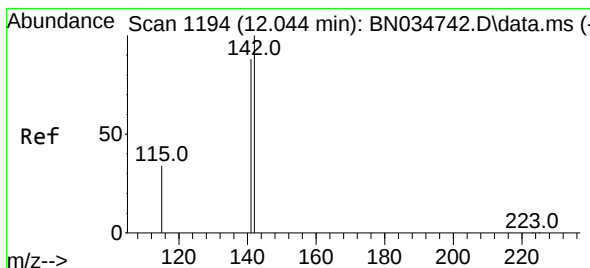
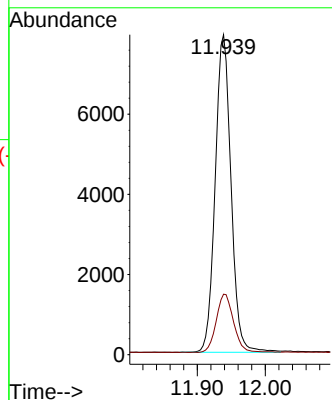
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:152 Resp: 1278
Ion Ratio Lower Upper
152 100
151 20.0 16.6 24.8

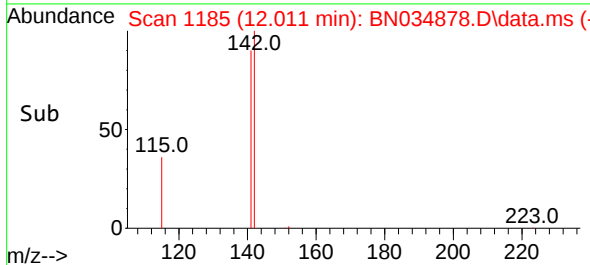
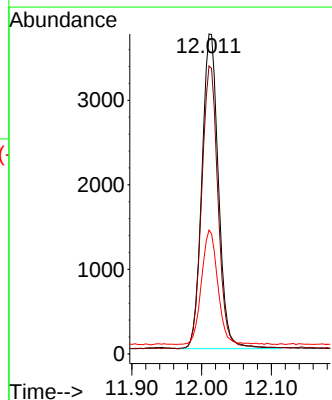
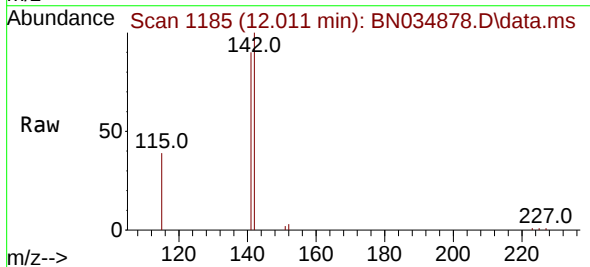
Manual Integrations
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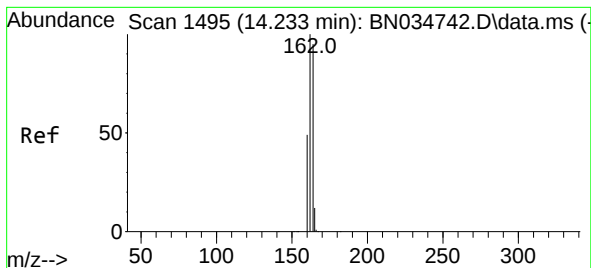
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#12
2-Methylnaphthalene
Concen: 0.199 ng
RT: 12.011 min Scan# 1185
Delta R.T. -0.015 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

Tgt Ion:142 Resp: 6132
Ion Ratio Lower Upper
142 100
141 90.0 70.6 106.0
115 38.7 28.6 42.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.208 min Scan# 1492

Delta R.T. -0.015 min

Lab File: BN034878.D

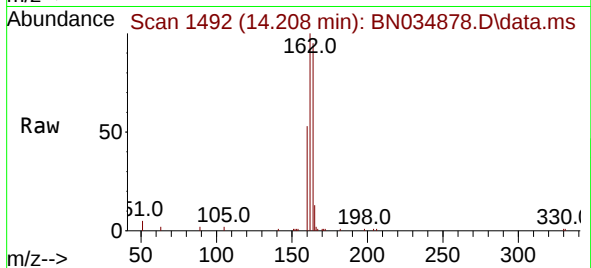
Acq: 06 Nov 2024 18:03

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2024



Tgt Ion:164 Resp: 786

Ion Ratio Lower Upper

164 100

162 105.6 84.3 126.5

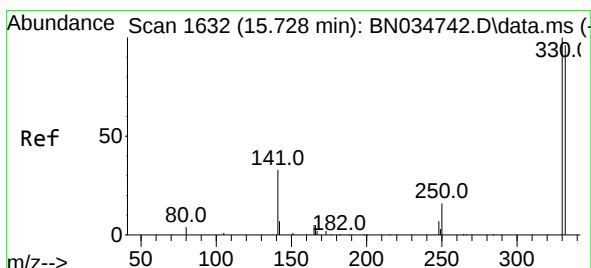
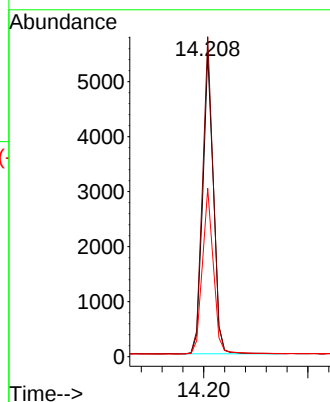
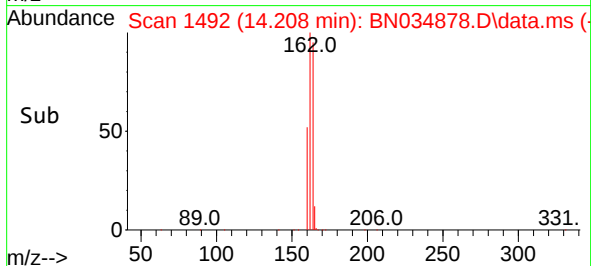
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Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/07/2024

Supervised By :mohammad ahmed 11/08/2024



#14

2,4,6-Tribromophenol

Concen: 0.143 ng

RT: 15.698 min Scan# 1629

Delta R.T. -0.018 min

Lab File: BN034878.D

Acq: 06 Nov 2024 18:03

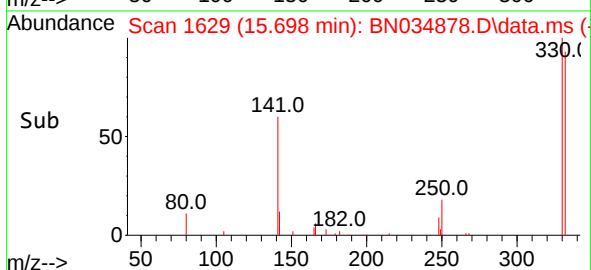
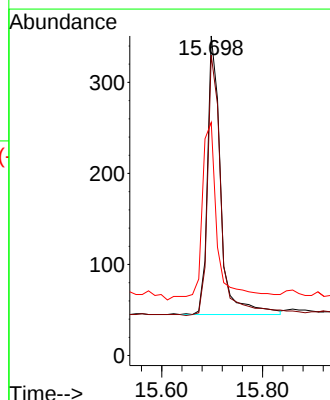
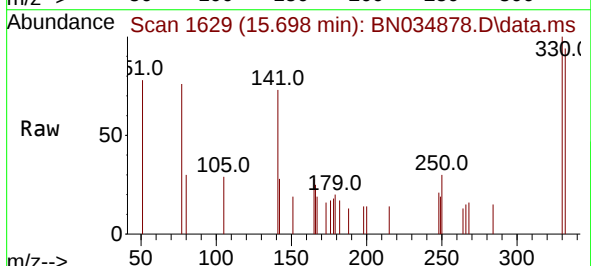
Tgt Ion:330 Resp: 556

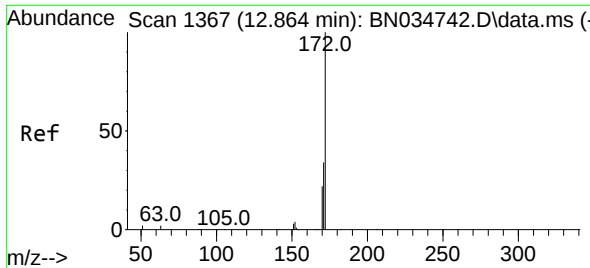
Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.6

141 75.5 41.0 61.4#





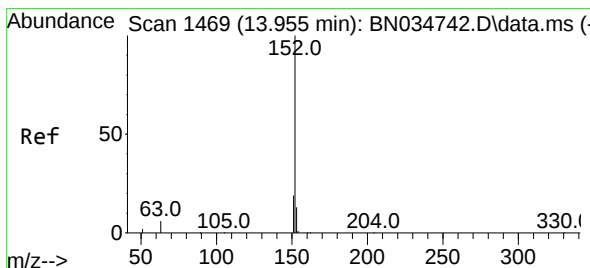
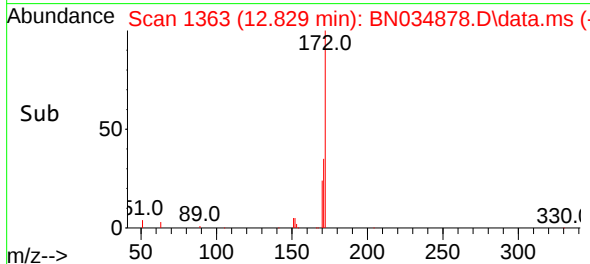
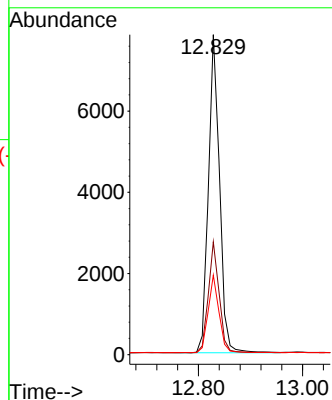
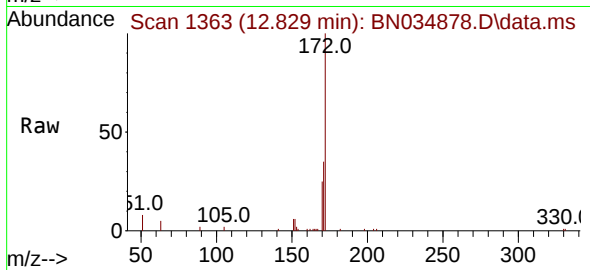
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 12.829 min Scan# 1156
Delta R.T. -0.014 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024

Tgt Ion:172 Resp: 1156
Ion Ratio Lower Upper
172 100
171 35.2 27.2 40.8
170 24.8 18.0 27.0

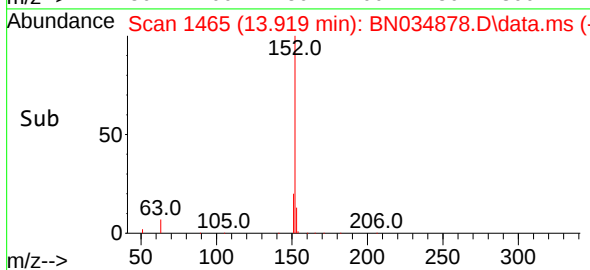
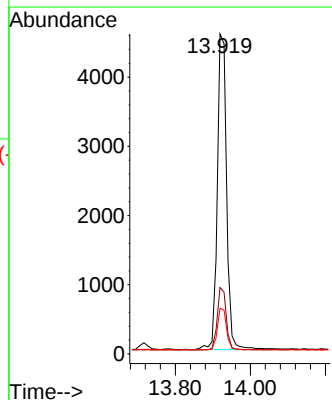
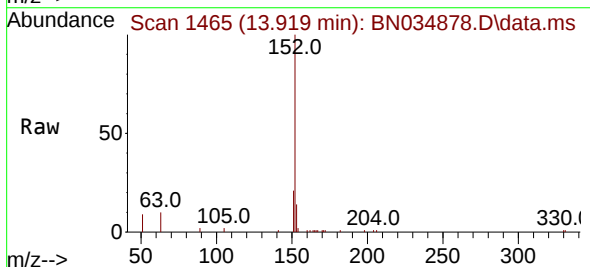
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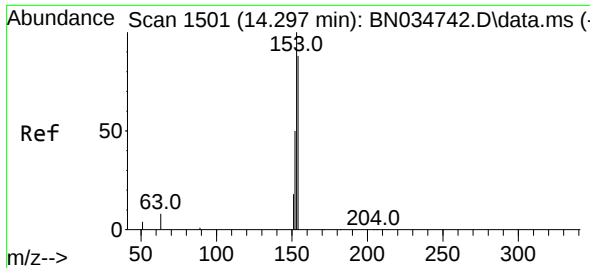
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#16
Acenaphthylene
Concen: 0.200 ng
RT: 13.919 min Scan# 1465
Delta R.T. -0.015 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

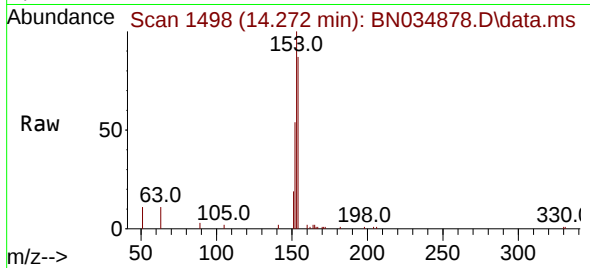
Tgt Ion:152 Resp: 7894
Ion Ratio Lower Upper
152 100
151 19.0 15.4 23.2
153 13.2 10.2 15.4





#17
Acenaphthene
Concen: 0.201 ng
RT: 14.272 min Scan# 1498
Delta R.T. -0.015 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

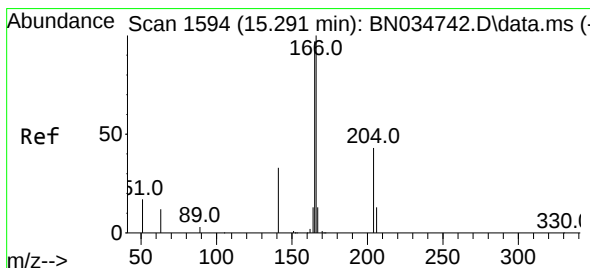
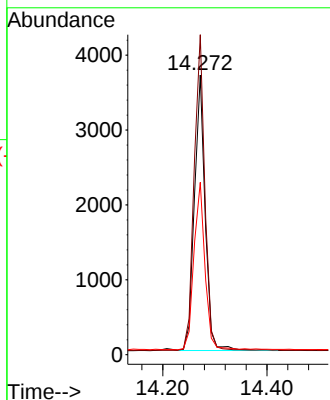
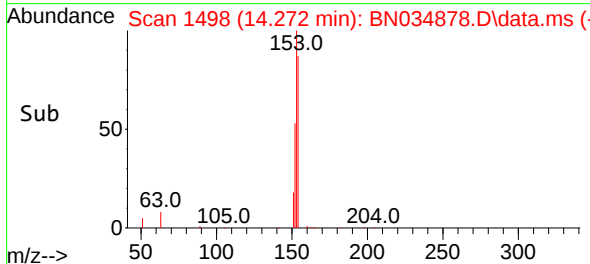
Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT4-2024



Tgt Ion:154 Resp: 528
Ion Ratio Lower Upper
154 100
153 114.4 87.8 131.6
152 62.6 44.6 67.0

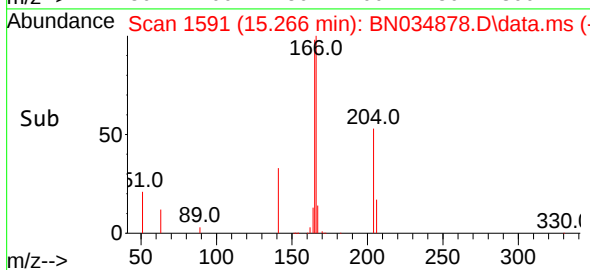
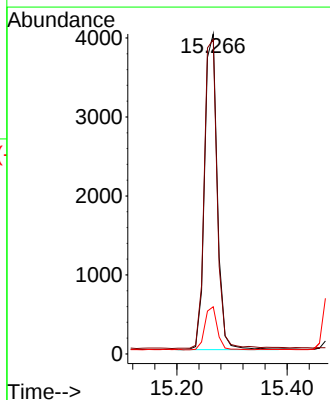
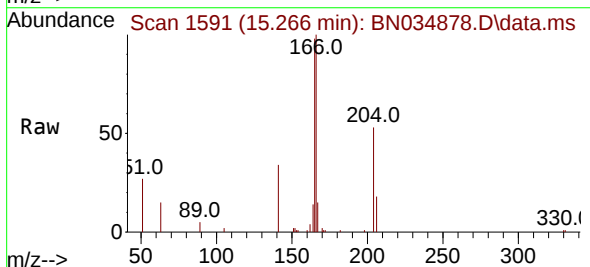
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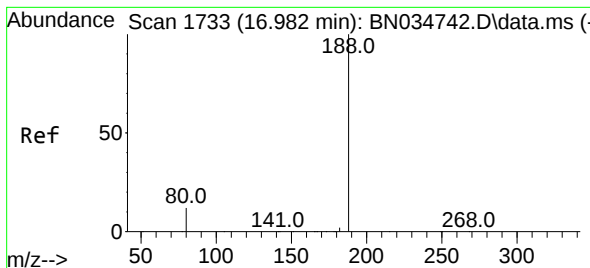
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#18
Fluorene
Concen: 0.196 ng
RT: 15.266 min Scan# 1591
Delta R.T. -0.004 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

Tgt Ion:166 Resp: 6413
Ion Ratio Lower Upper
166 100
165 99.9 78.5 117.7
167 13.4 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.952 min Scan# 11

Delta R.T. -0.018 min

Lab File: BN034878.D

Acq: 06 Nov 2024 18:03

Instrument :

BNA_N

ClientSampleId :

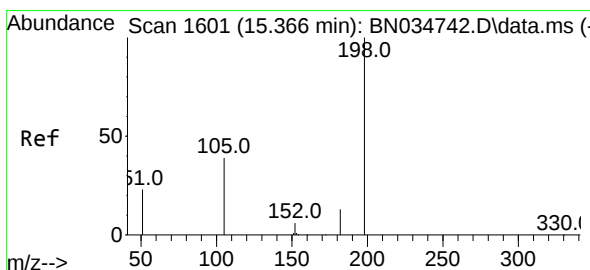
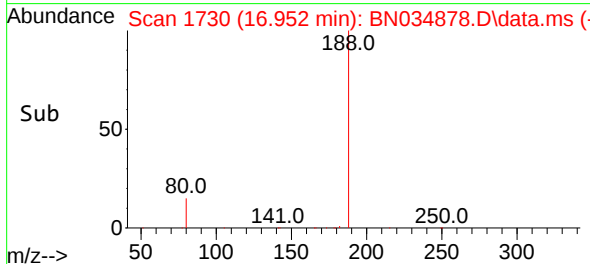
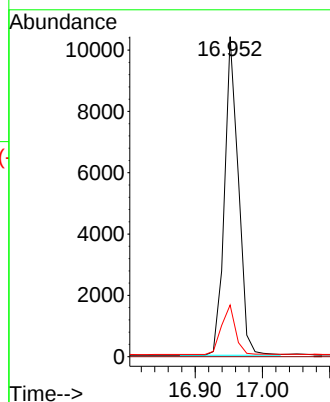
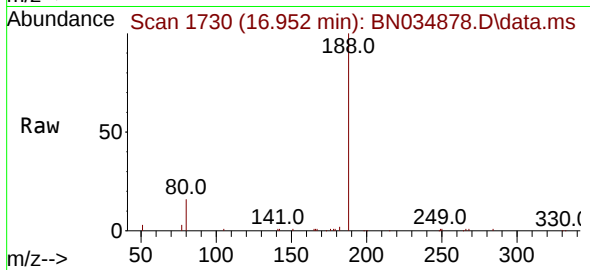
LOQ-SOIL-02-QT4-2024

Tgt Ion:188 Resp: 1486
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 16.1 9.8 14.6

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Supervised By :mohammad ahmed 11/08/2024



#20

4,6-Dinitro-2-methylphenol

Concen: 0.253 ng

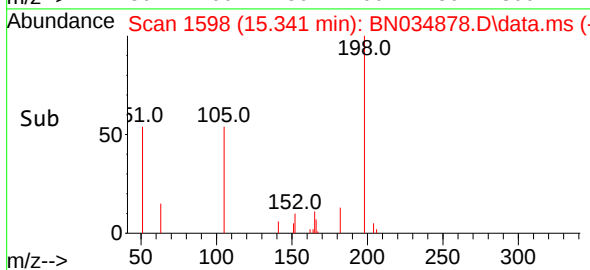
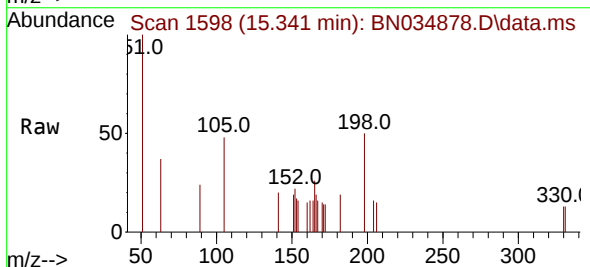
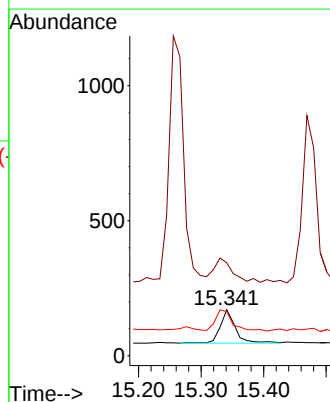
RT: 15.341 min Scan# 1598

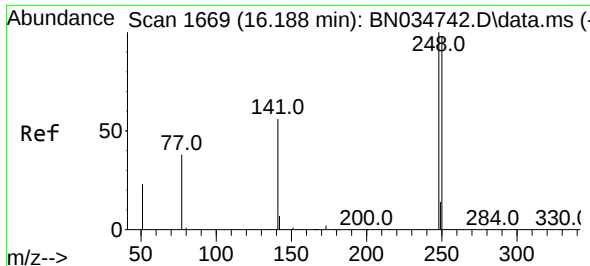
Delta R.T. -0.015 min

Lab File: BN034878.D

Acq: 06 Nov 2024 18:03

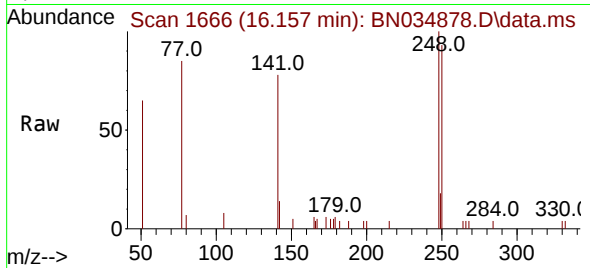
Tgt Ion:198 Resp: 208
 Ion Ratio Lower Upper
 198 100
 51 201.2 58.0 87.0#
 105 95.9 49.1 73.7#





#21
4-Bromophenyl-phenylether
Concen: 0.196 ng
RT: 16.157 min Scan# 1666
Delta R.T. -0.018 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

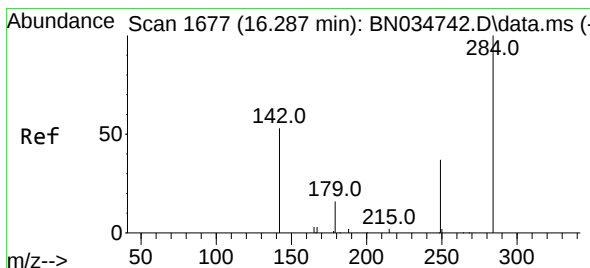
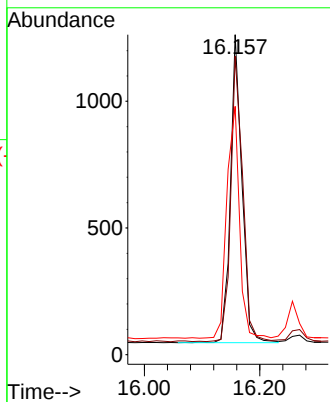
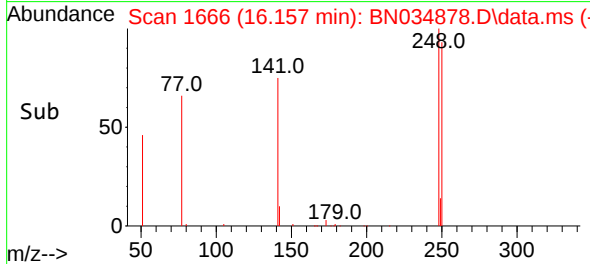
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:248 Resp: 1689
Ion Ratio Lower Upper
248 100
250 93.3 78.7 118.1
141 77.6 46.4 69.6

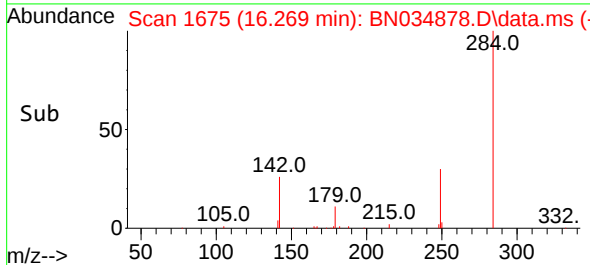
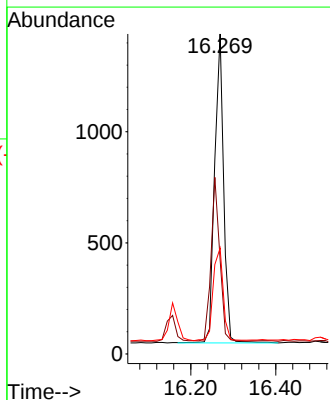
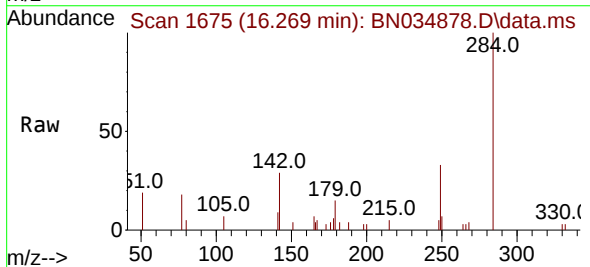
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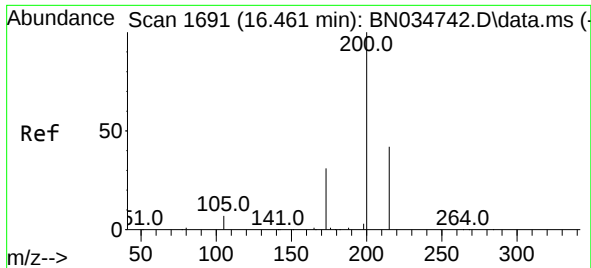
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#22
Hexachlorobenzene
Concen: 0.212 ng
RT: 16.269 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

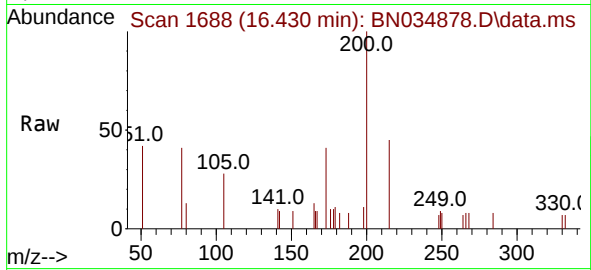
Tgt Ion:284 Resp: 2043
Ion Ratio Lower Upper
284 100
142 51.1 35.4 53.0
249 33.1 25.7 38.5





#23
Atrazine
Concen: 0.147 ng
RT: 16.430 min Scan# 1688
Delta R.T. -0.018 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

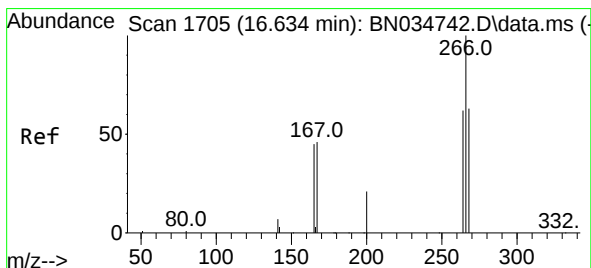
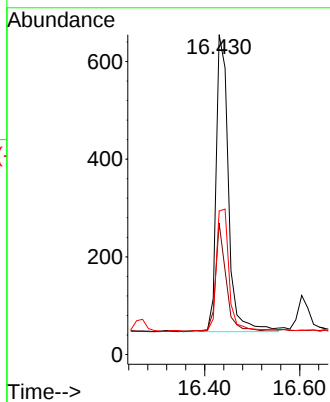
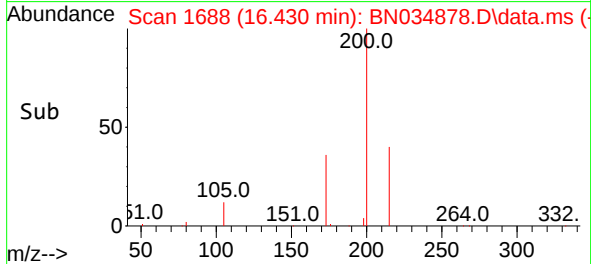
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:200 Resp: 1089
Ion Ratio Lower Upper
200 100
173 41.1 25.8 38.6
215 44.9 34.2 51.4

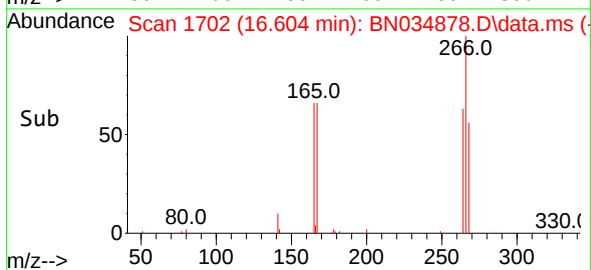
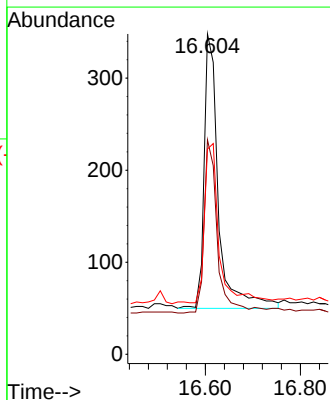
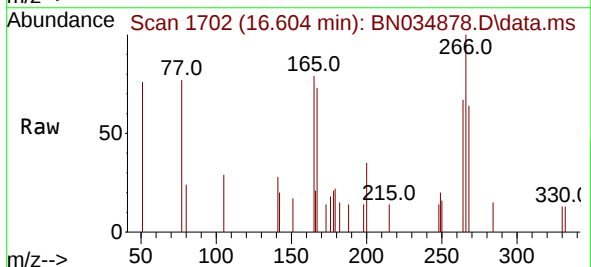
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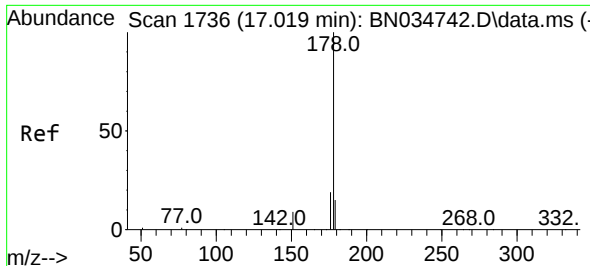
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#24
Pentachlorophenol
Concen: 0.151 ng
RT: 16.604 min Scan# 1702
Delta R.T. -0.018 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

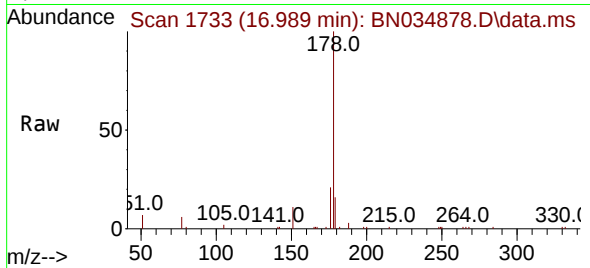
Tgt Ion:266 Resp: 627
Ion Ratio Lower Upper
266 100
264 58.7 48.7 73.1
268 61.1 50.2 75.4





#25
Phenanthrene
Concen: 0.223 ng
RT: 16.989 min Scan# 1740
Delta R.T. -0.018 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

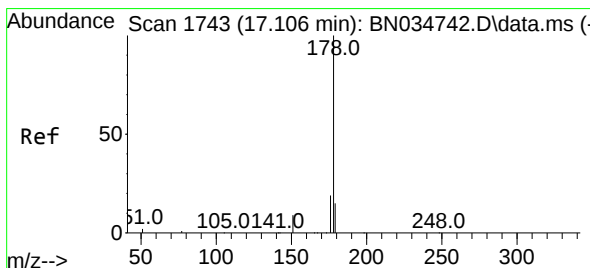
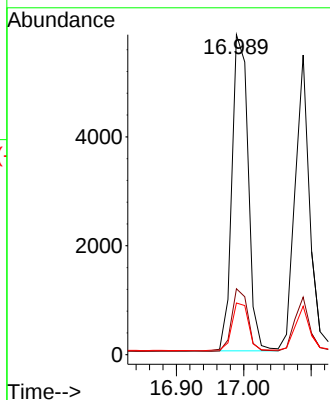
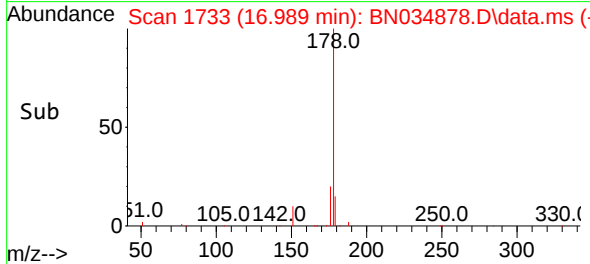
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:178 Resp: 9744
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.5 12.2 18.4

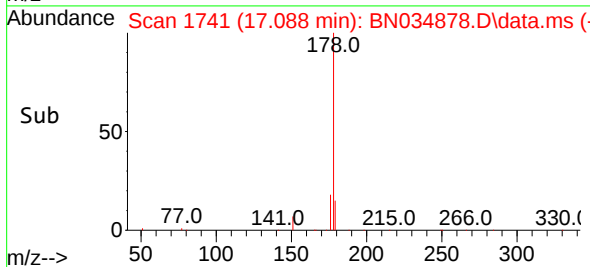
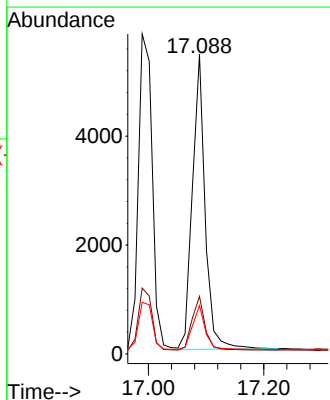
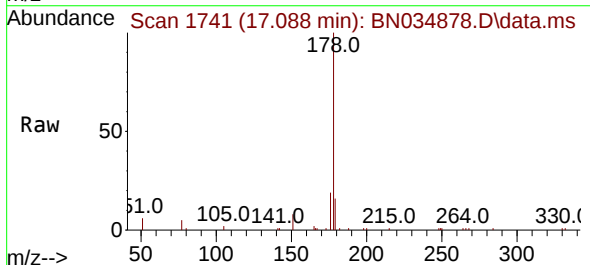
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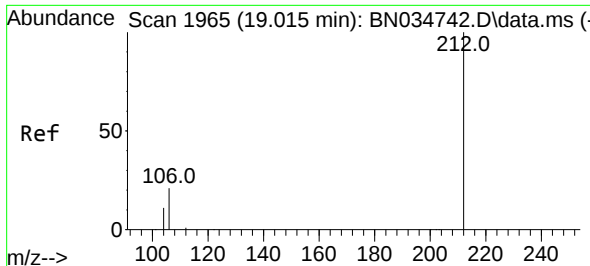
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#26
Anthracene
Concen: 0.204 ng
RT: 17.088 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

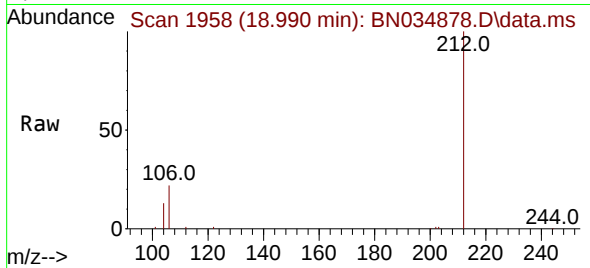
Tgt Ion:178 Resp: 8332
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.1 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.523 ng
RT: 18.990 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

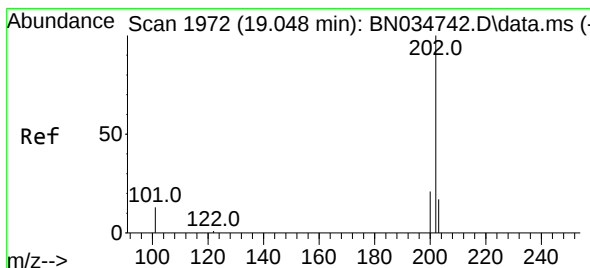
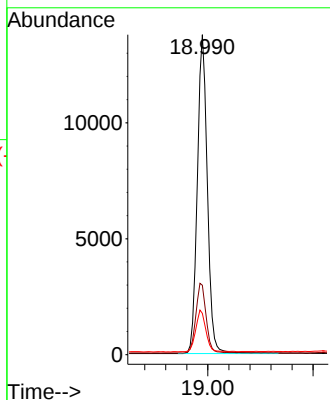
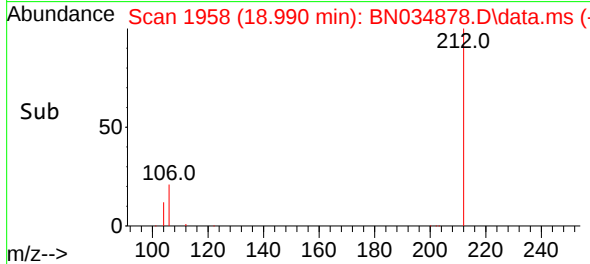
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:212 Resp: 18230
Ion Ratio Lower Upper
212 100
106 22.4 16.1 24.1
104 13.2 9.2 13.8

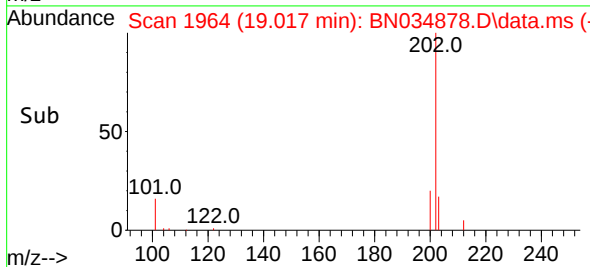
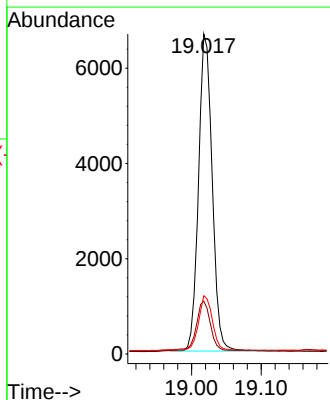
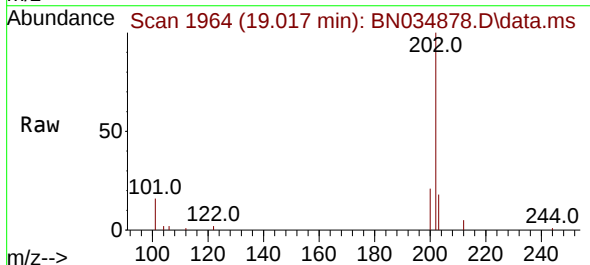
Manual Integrations
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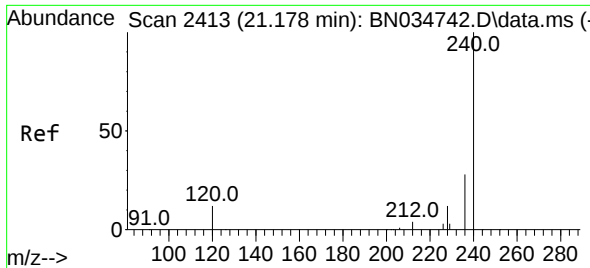
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#28
Fluoranthene
Concen: 0.189 ng
RT: 19.017 min Scan# 1964
Delta R.T. -0.016 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

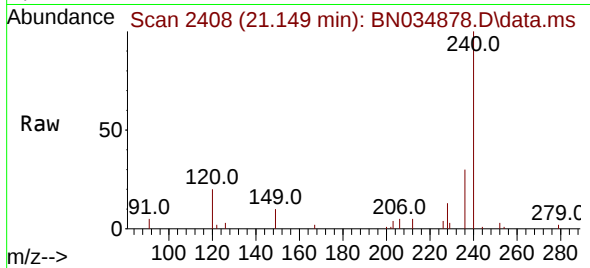
Tgt Ion:202 Resp: 9089
Ion Ratio Lower Upper
202 100
101 16.6 11.4 17.0
203 17.0 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.149 min Scan# 2413
Delta R.T. -0.011 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

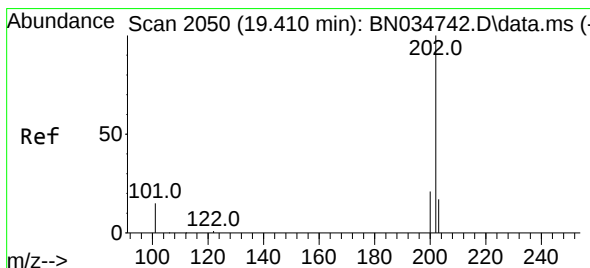
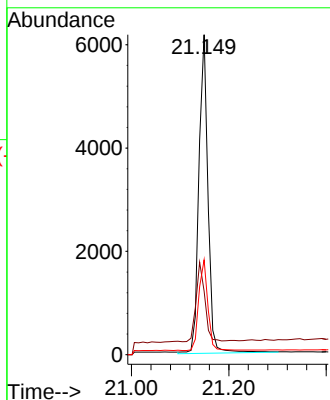
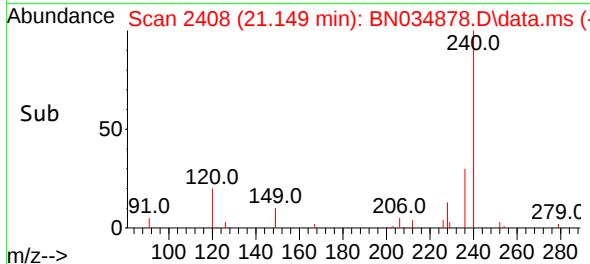
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024



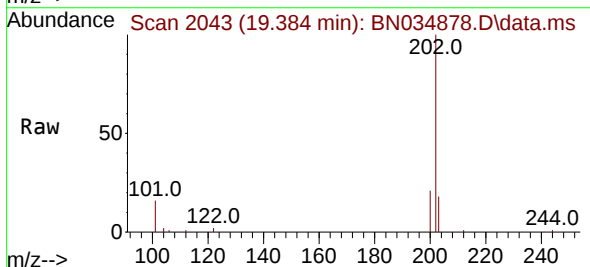
Tgt Ion:240 Resp: 7963
Ion Ratio Lower Upper
240 100
120 19.9 11.5 17.3
236 29.7 23.2 34.8

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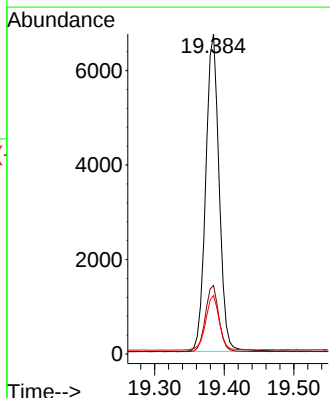
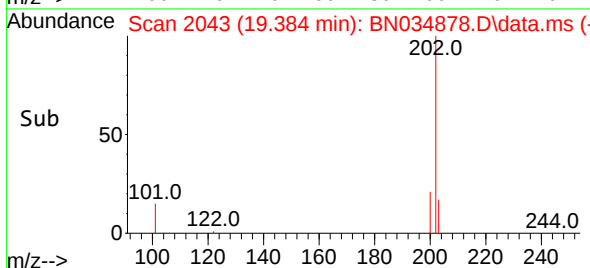
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024

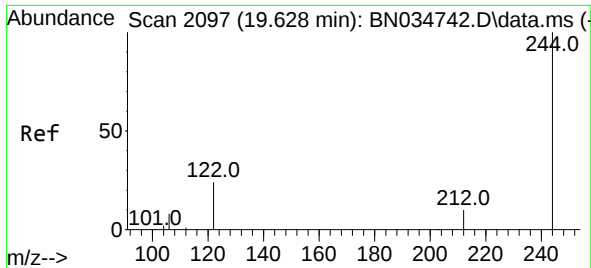


#30
Pyrene
Concen: 0.216 ng
RT: 19.384 min Scan# 2043
Delta R.T. -0.012 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03



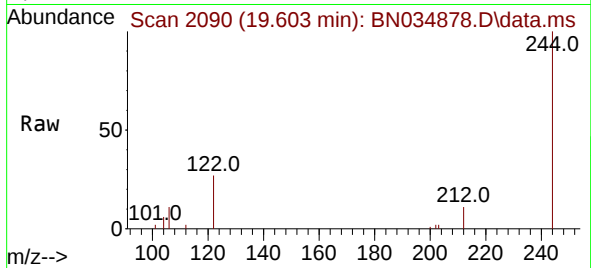
Tgt Ion:202 Resp: 8987
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.6 14.2 21.2





#31
Terphenyl-d14
Concen: 0.345 ng
RT: 19.603 min Scan# 2090
Delta R.T. -0.012 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

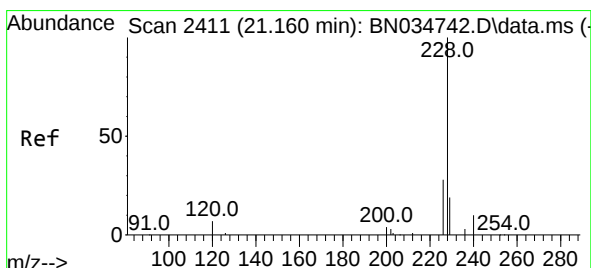
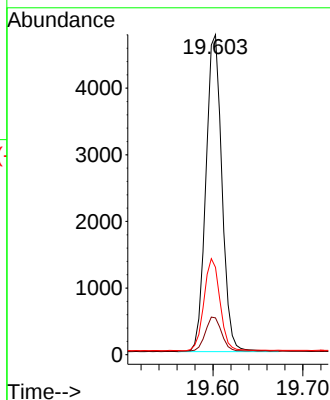
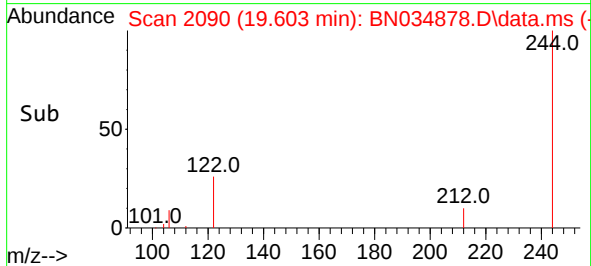
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:244 Resp: 5908
Ion Ratio Lower Upper
244 100
212 11.5 8.2 12.4
122 27.3 19.8 29.6

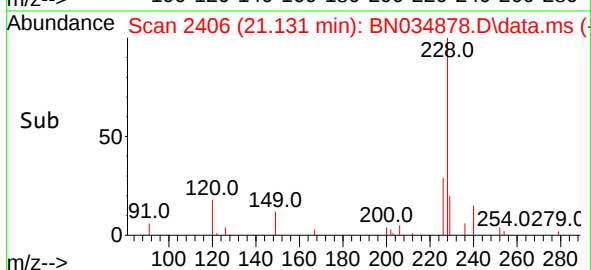
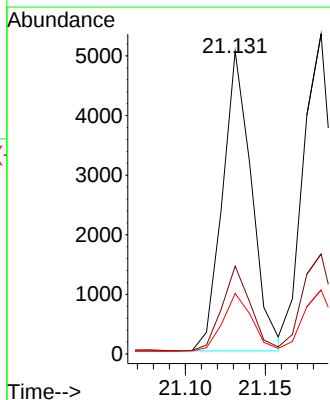
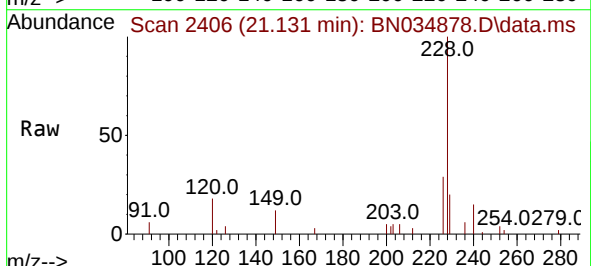
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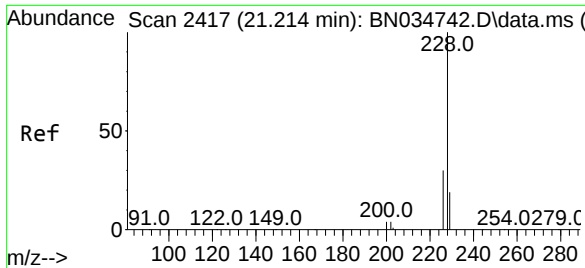
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#32
Benzo(a)anthracene
Concen: 0.200 ng
RT: 21.131 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

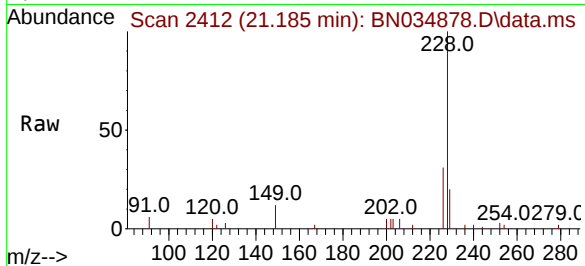
Tgt Ion:228 Resp: 6348
Ion Ratio Lower Upper
228 100
226 29.0 22.6 33.8
229 20.0 15.7 23.5





#33
Chrysene
Concen: 0.225 ng
RT: 21.185 min Scan# 2412
Delta R.T. -0.011 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

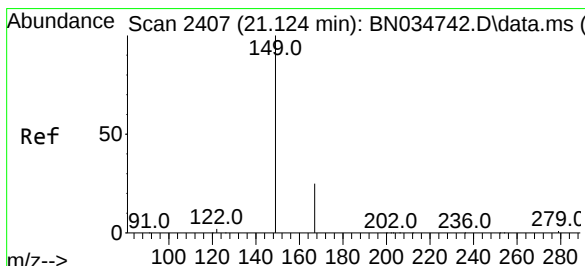
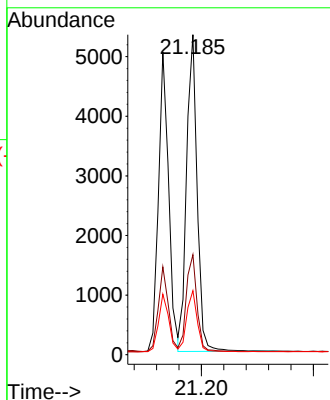
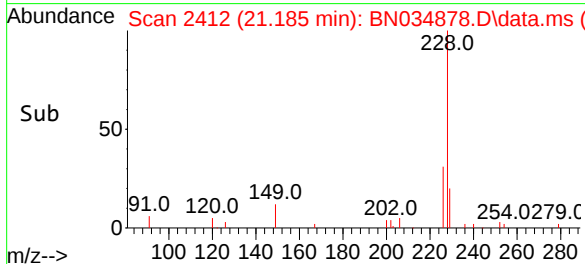
Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT4-2024



Tgt Ion:228 Resp: 6980
Ion Ratio Lower Upper
228 100
226 31.3 24.4 36.6
229 20.0 15.6 23.4

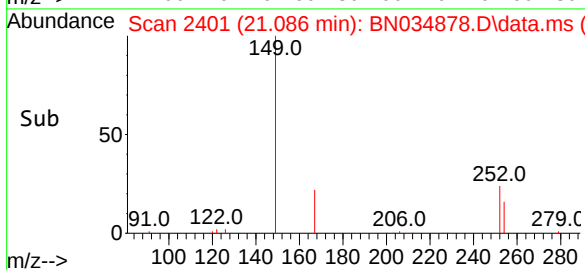
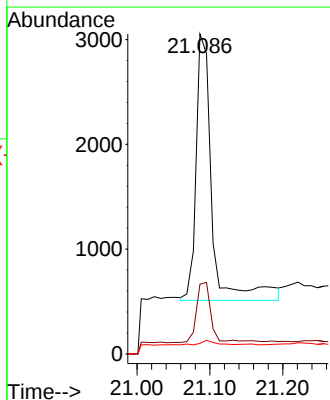
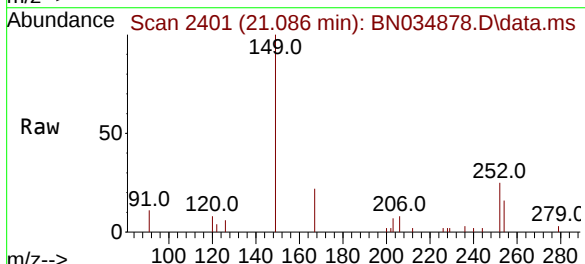
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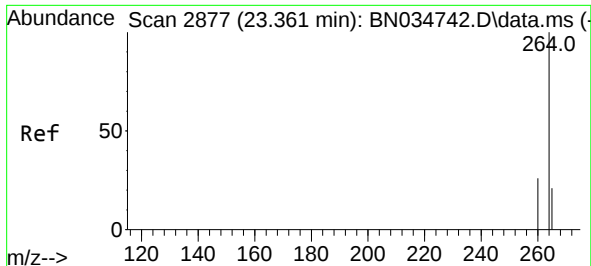
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.144 ng m
RT: 21.086 min Scan# 2401
Delta R.T. -0.020 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

Tgt Ion:149 Resp: 3813
Ion Ratio Lower Upper
149 100
167 20.1 20.6 30.8#
279 1.7 1.5 2.3





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.315 min Scan# 21

Delta R.T. -0.020 min

Lab File: BN034878.D

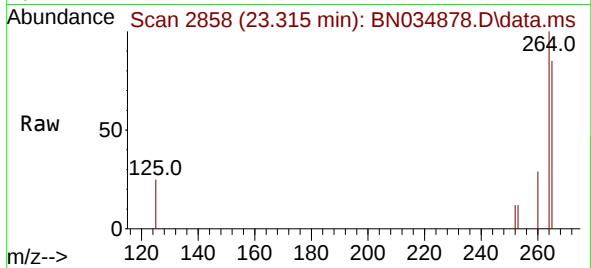
Acq: 06 Nov 2024 18:03

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT4-2024



Tgt Ion:264 Resp: 632

Ion Ratio Lower Upper

264 100

260 28.8 21.5 32.3

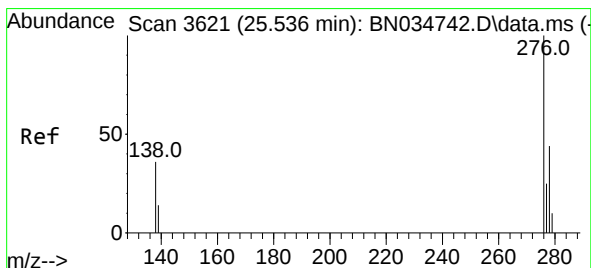
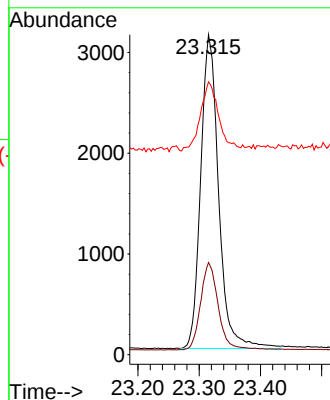
265 85.2 47.5 71.3

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Reviewed By :Yogesh Patel 11/07/2024

Supervised By :mohammad ahmed 11/08/2024



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.254 ng

RT: 25.476 min Scan# 3597

Delta R.T. -0.029 min

Lab File: BN034878.D

Acq: 06 Nov 2024 18:03

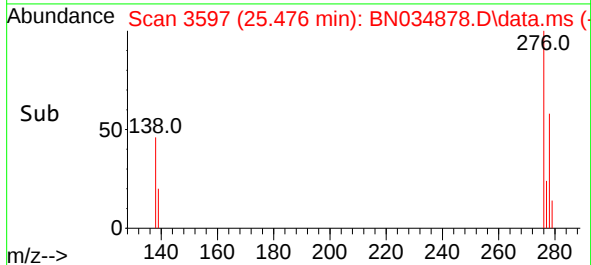
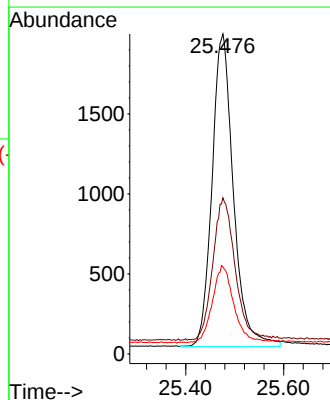
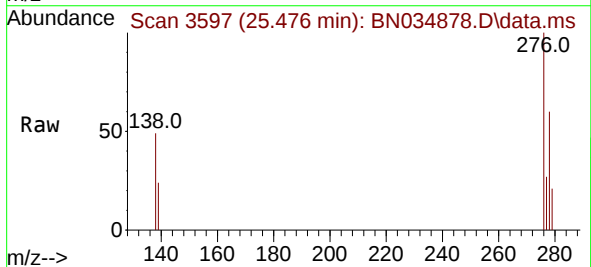
Tgt Ion:276 Resp: 5904

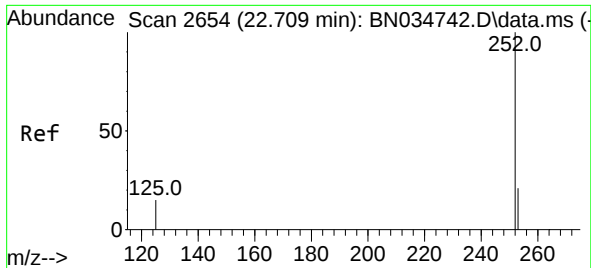
Ion Ratio Lower Upper

276 100

138 46.4 31.5 47.3

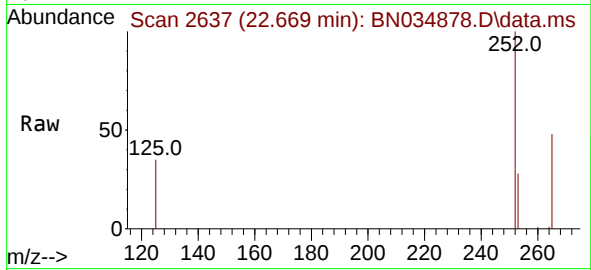
277 24.6 19.7 29.5





#37
Benzo(b)fluoranthene
Concen: 0.245 ng
RT: 22.669 min Scan# 2637
Delta R.T. -0.020 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

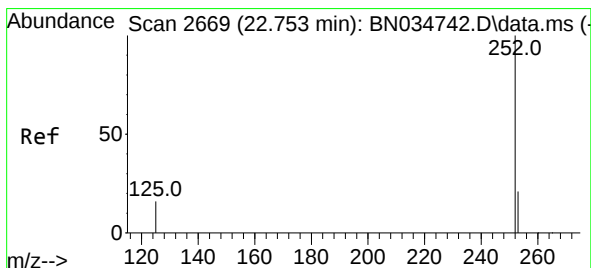
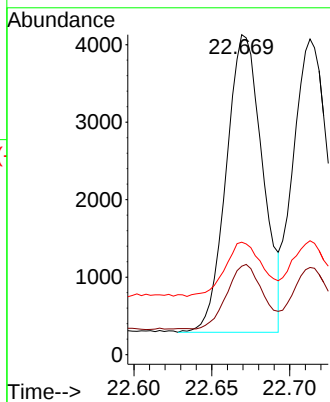
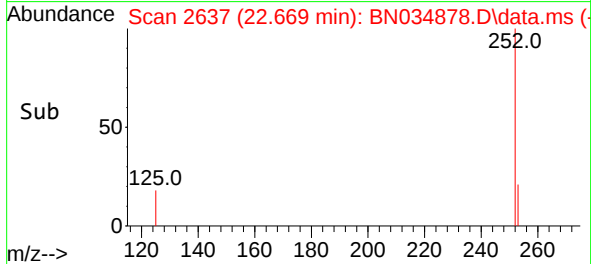
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:252 Resp: 6225
Ion Ratio Lower Upper
252 100
253 27.7 19.7 29.5
125 35.1 17.1 25.7

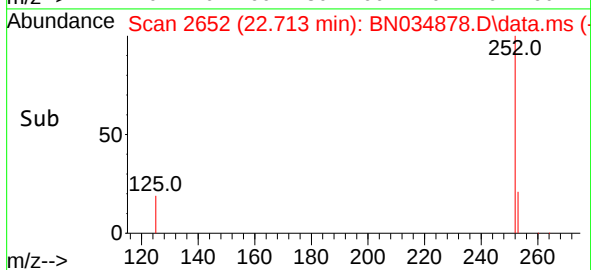
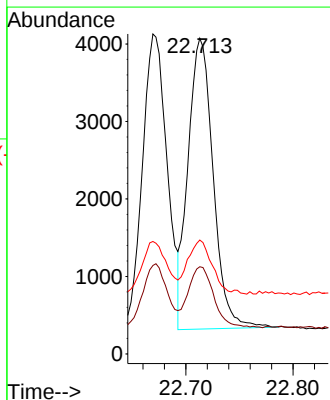
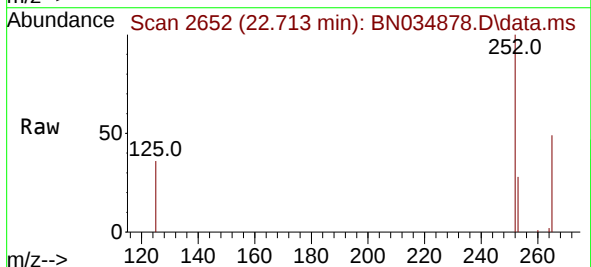
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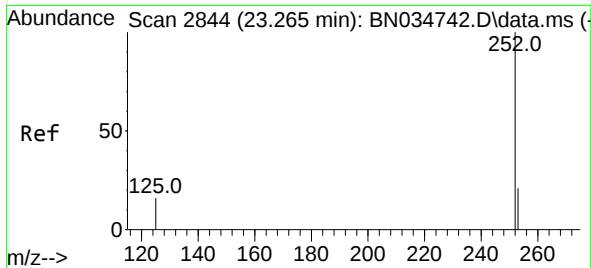
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#38
Benzo(k)fluoranthene
Concen: 0.246 ng
RT: 22.713 min Scan# 2652
Delta R.T. -0.017 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

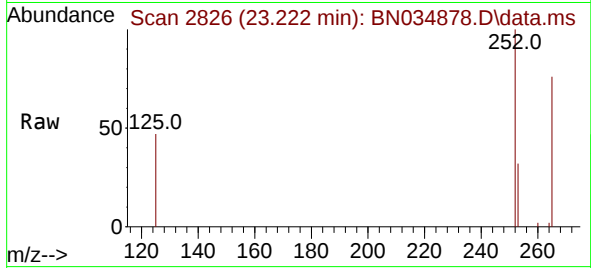
Tgt Ion:252 Resp: 6106
Ion Ratio Lower Upper
252 100
253 27.6 19.8 29.6
125 36.1 18.2 27.2





#39
Benzo(a)pyrene
Concen: 0.220 ng
RT: 23.222 min Scan# 21
Delta R.T. -0.020 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

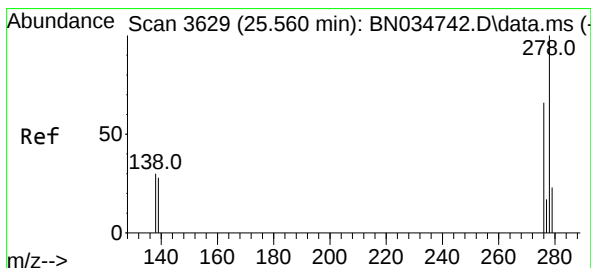
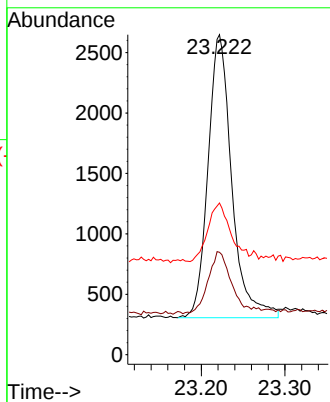
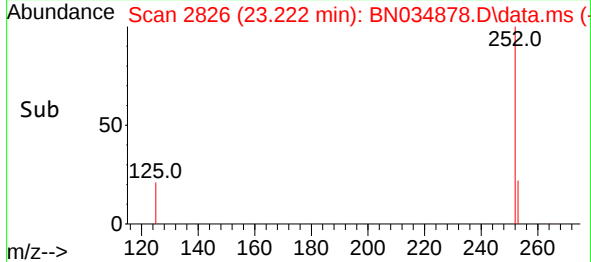
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT4-2024



Tgt Ion:252 Resp: 462
Ion Ratio Lower Upper
252 100
253 32.0 20.7 31.1
125 47.4 20.3 30.5

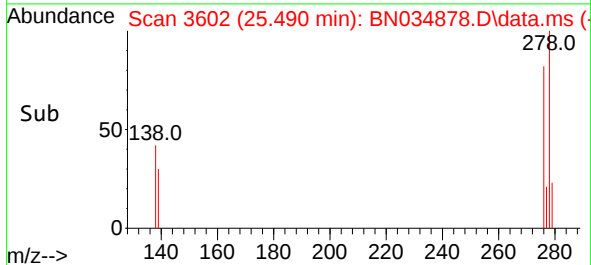
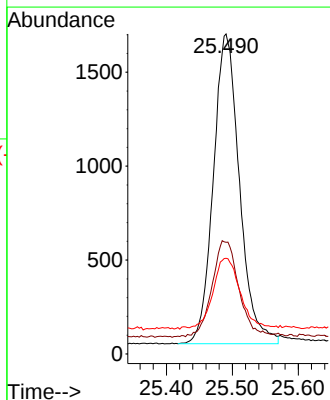
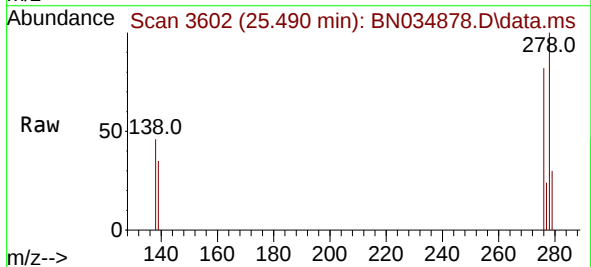
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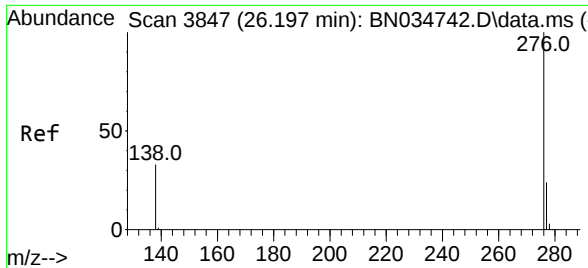
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.250 ng
RT: 25.490 min Scan# 3602
Delta R.T. -0.034 min
Lab File: BN034878.D
Acq: 06 Nov 2024 18:03

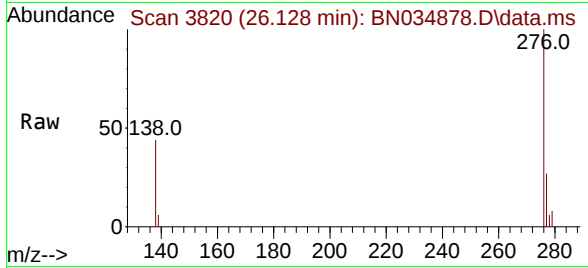
Tgt Ion:278 Resp: 4537
Ion Ratio Lower Upper
278 100
139 34.9 24.9 37.3
279 29.9 21.0 31.4





#41
 Benzo(g,h,i)perylene
 Concen: 0.265 ng
 RT: 26.128 min Scan# 3820
 Delta R.T. -0.037 min
 Lab File: BN034878.D
 Acq: 06 Nov 2024 18:03

Instrument : BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT4-2024



Tgt Ion: 276 Resp: 5194
 Ion Ratio Lower Upper
 276 100
 277 26.5 20.2 30.2
 138 43.5 28.7 43.1

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 Supervised By : mohammad ahmed 11/08/2024

