

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110624\
 Data File : BN034872.D
 Acq On : 06 Nov 2024 13:07
 Operator : RC/JU
 Sample : P4368-01
 Misc : LOD-MDL-SOIL-0.2 ng
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Quant Time: Nov 06 13:39:43 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	6211	0.400	ng	-0.01
7) Naphthalene-d8	10.340	136	19111	0.400	ng	-0.01
13) Acenaphthene-d10	14.208	164	9731	0.400	ng	-0.01
19) Phenanthrene-d10	16.952	188	19187	0.400	ng	#-0.02
29) Chrysene-d12	21.149	240	12425	0.400	ng	#-0.01
35) Perylene-d12	23.321	264	10137	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.199	112	5861	0.312	ng	-0.01
5) Phenol-d6	6.759	99	7985	0.327	ng	0.00
8) Nitrobenzene-d5	8.707	82	5619	0.374	ng	-0.02
11) 2-Methylnaphthalene-d10	11.939	152	15164	0.548	ng	-0.01
14) 2,4,6-Tribromophenol	15.698	330	855	0.178	ng	-0.02
15) 2-Fluorobiphenyl	12.828	172	13804	0.360	ng	-0.01
27) Fluoranthene-d10	18.990	212	26536	0.590	ng	-0.01
31) Terphenyl-d14	19.603	244	8870	0.332	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.191	88	1565m	0.230	ng	
3) n-Nitrosodimethylamine	3.487	42	1898m	0.247	ng	
6) bis(2-Chloroethyl)ether	7.011	93	4520	0.253	ng	95
9) Naphthalene	10.394	128	11462	0.217	ng	100
10) Hexachlorobutadiene	10.692	225	1771	0.203	ng	# 100
12) 2-Methylnaphthalene	12.014	142	7141	0.207	ng	99
16) Acenaphthylene	13.930	152	9589	0.196	ng	100
17) Acenaphthene	14.272	154	6498	0.200	ng	95
18) Fluorene	15.266	166	8060	0.199	ng	99
20) 4,6-Dinitro-2-methylph...	15.341	198	269	0.253	ng	# 8
21) 4-Bromophenyl-phenylether	16.157	248	2160	0.195	ng	# 84
22) Hexachlorobenzene	16.269	284	2568	0.207	ng	93
23) Atrazine	16.443	200	1661	0.174	ng	93
24) Pentachlorophenol	16.617	266	407	0.076	ng	95
25) Phenanthrene	16.989	178	12789	0.227	ng	100
26) Anthracene	17.088	178	11270	0.213	ng	100
28) Fluoranthene	19.022	202	13233	0.213	ng	98
30) Pyrene	19.384	202	13175	0.203	ng	100
32) Benzo(a)anthracene	21.131	228	10239	0.207	ng	99
33) Chrysene	21.185	228	11085	0.229	ng	99
34) Bis(2-ethylhexyl)phtha...	21.095	149	6110m	0.148	ng	
36) Indeno(1,2,3-cd)pyrene	25.476	276	8567	0.230	ng	94
37) Benzo(b)fluoranthene	22.675	252	9905	0.243	ng	# 91
38) Benzo(k)fluoranthene	22.716	252	9553	0.240	ng	# 92
39) Benzo(a)pyrene	23.225	252	7369	0.219	ng	# 85
40) Dibenzo(a,h)anthracene	25.493	278	6672	0.229	ng	96
41) Benzo(g,h,i)perylene	26.131	276	7338	0.233	ng	94

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

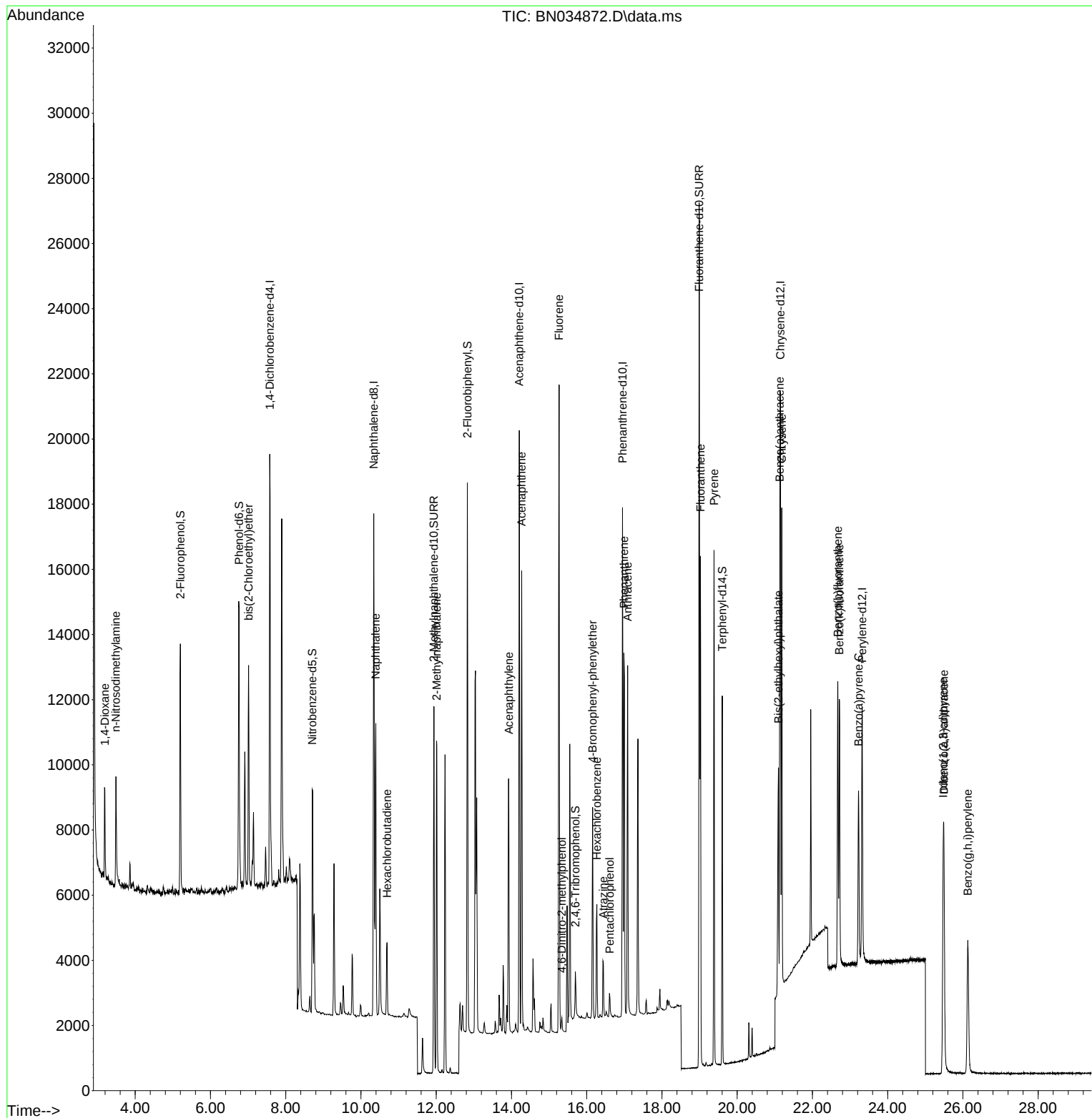
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110624\
 Data File : BN034872.D
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 Operator : RC/JU
 Sample : P4368-01
 Misc : LOD-MDL-SOIL-0.2 ng
 ALS Vial : 5 Sample Multiplier: 1

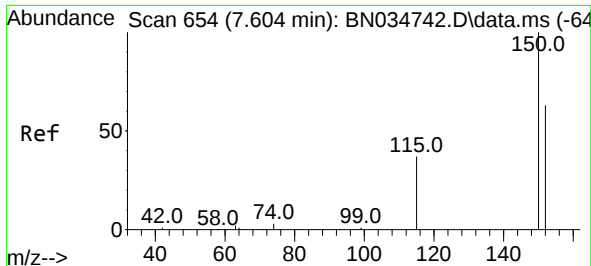
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

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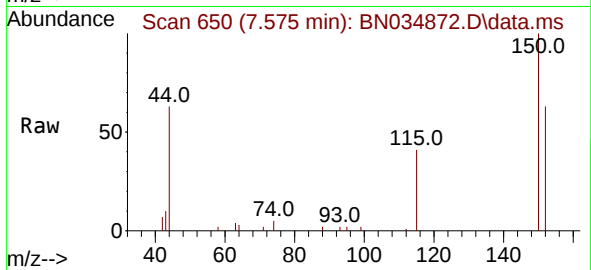
Quant Time: Nov 06 13:39:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.575 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07

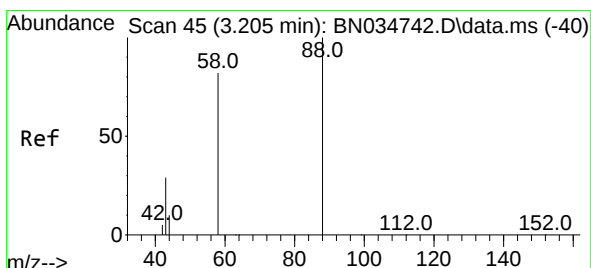
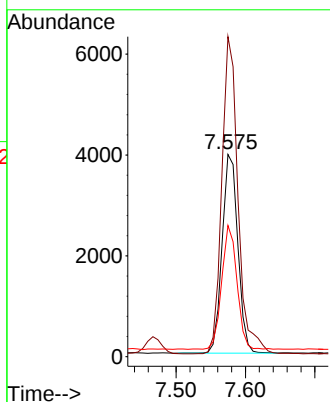
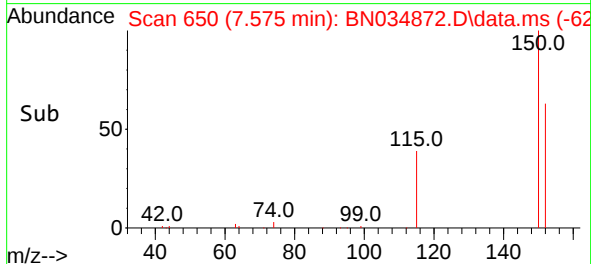
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:152 Resp: 621
Ion Ratio Lower Upper
152 100
150 158.2 124.9 187.3
115 64.9 50.2 75.2

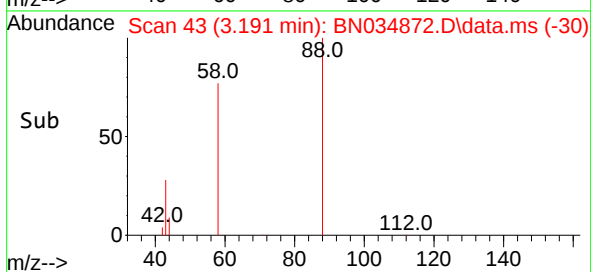
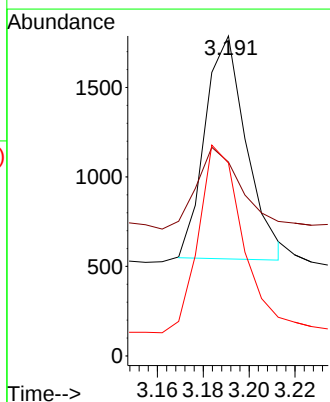
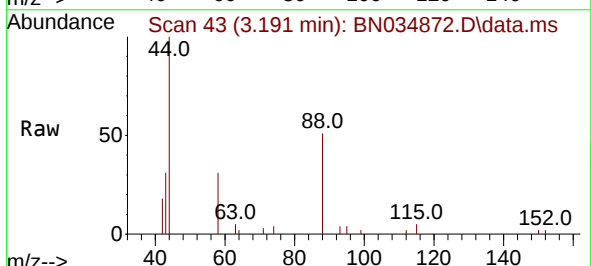
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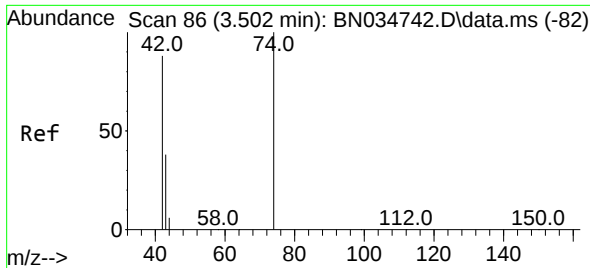
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#2
1,4-Dioxane
Concen: 0.230 ng m
RT: 3.191 min Scan# 43
Delta R.T. -0.007 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07

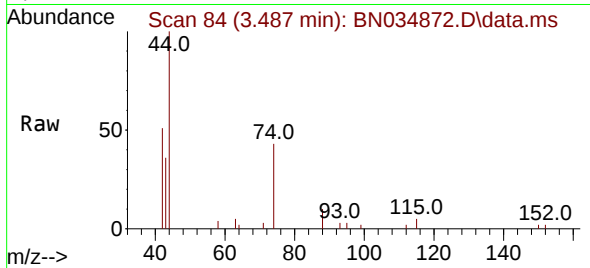
Tgt Ion: 88 Resp: 1565
Ion Ratio Lower Upper
88 100
43 43.0 26.7 40.1#
58 92.3 59.3 88.9#





#3
 n-Nitrosodimethylamine
 Concen: 0.247 ng m
 RT: 3.487 min Scan# 84
 Delta R.T. -0.007 min
 Lab File: BN034872.D
 Acq: 06 Nov 2024 13:07

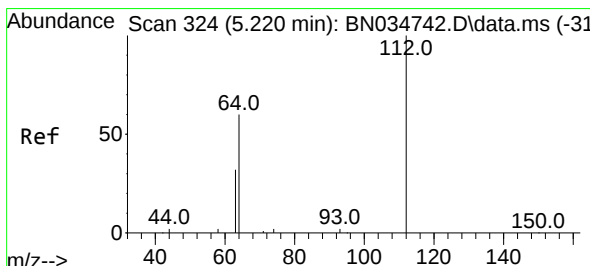
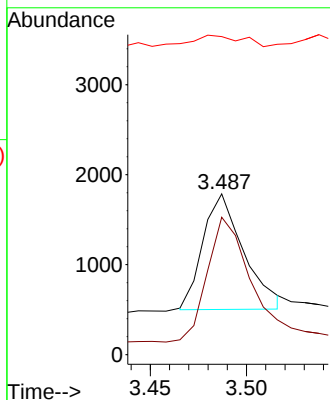
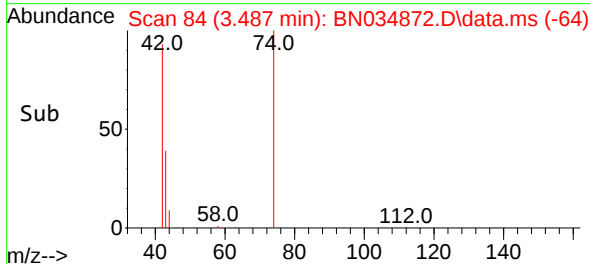
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 42 Resp: 1898
 Ion Ratio Lower Upper
 42 100
 74 127.3 103.1 154.7
 44 17.1 6.7 10.1

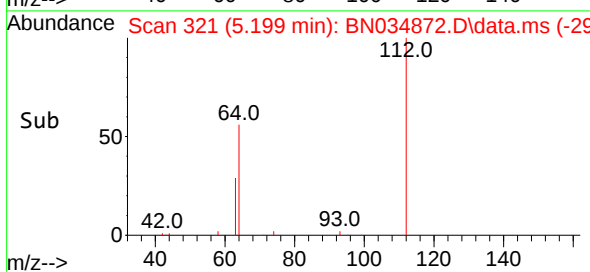
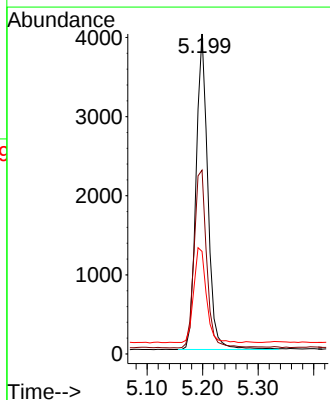
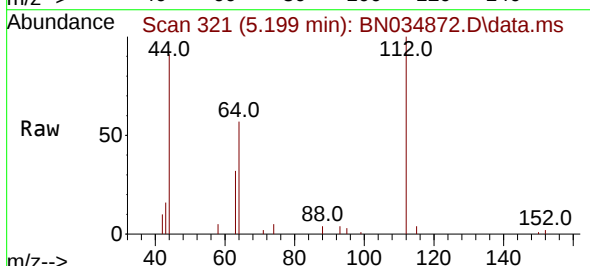
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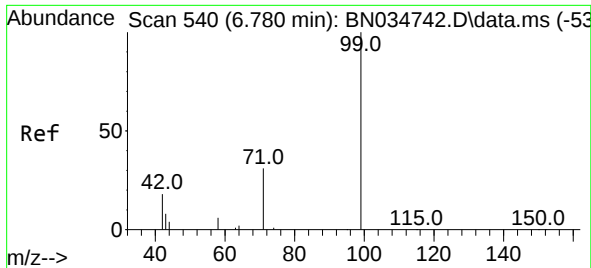
Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :mohammad ahmed 11/08/2024



#4
 2-Fluorophenol
 Concen: 0.312 ng
 RT: 5.199 min Scan# 321
 Delta R.T. -0.015 min
 Lab File: BN034872.D
 Acq: 06 Nov 2024 13:07

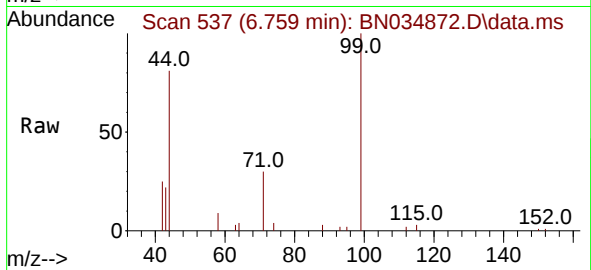
Tgt Ion:112 Resp: 5861
 Ion Ratio Lower Upper
 112 100
 64 59.9 44.9 67.3
 63 31.7 23.5 35.3





#5
Phenol-d6
Concen: 0.327 ng
RT: 6.759 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07

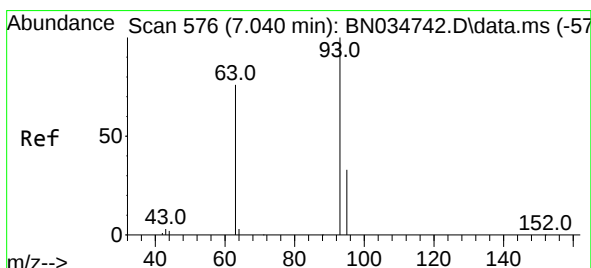
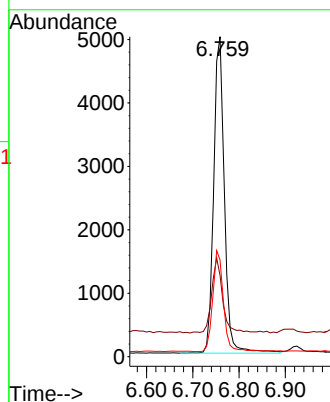
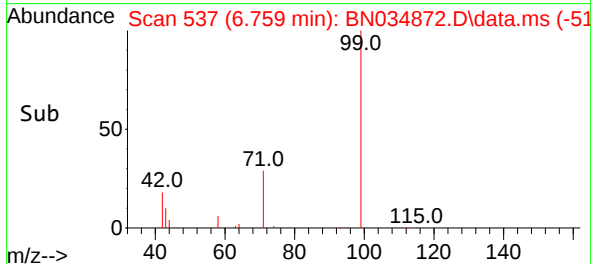
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 99 Resp: 798
Ion Ratio Lower Upper
99 100
42 24.2 15.9 23.9
71 32.1 24.3 36.5

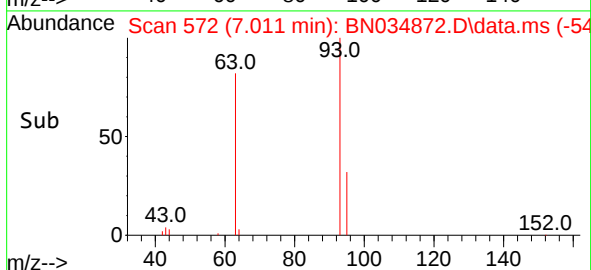
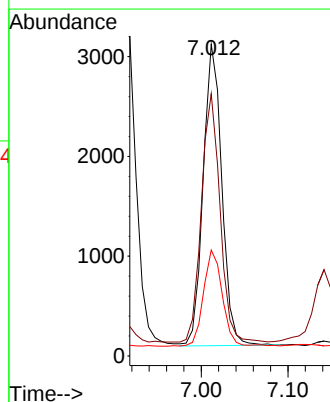
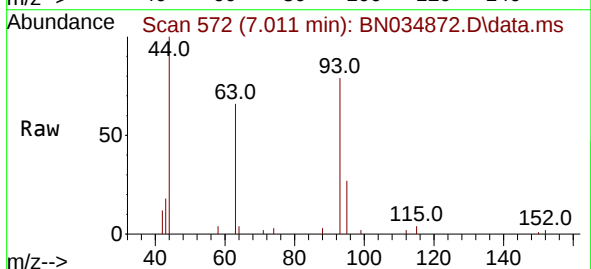
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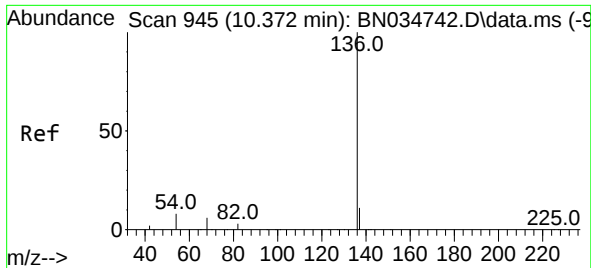
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#6
bis(2-Chloroethyl)ether
Concen: 0.253 ng
RT: 7.011 min Scan# 572
Delta R.T. -0.015 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07

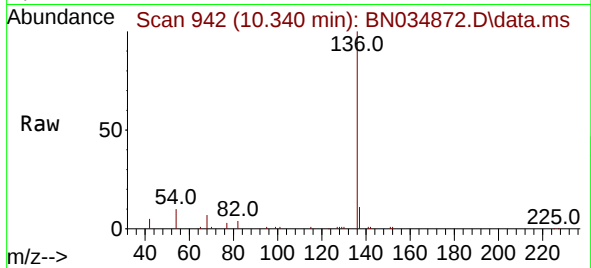
Tgt Ion: 93 Resp: 4520
Ion Ratio Lower Upper
93 100
63 82.2 61.2 91.8
95 31.9 25.8 38.8





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 945
Delta R.T. -0.011 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07

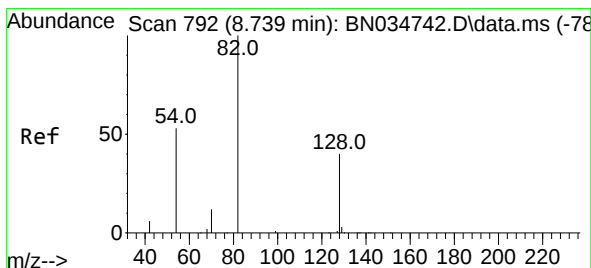
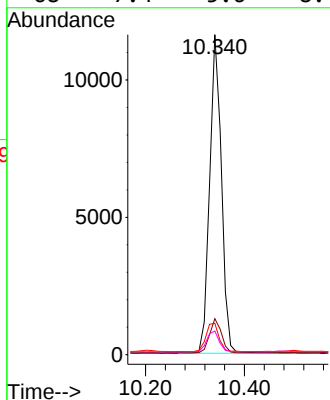
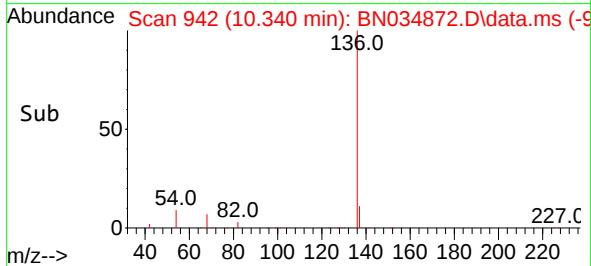
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 136 Resp: 1911
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 9.8 7.0 10.4
68 7.4 5.6 8.4

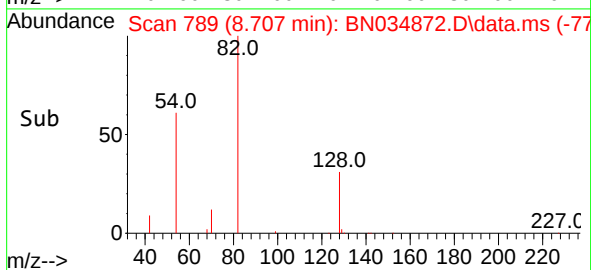
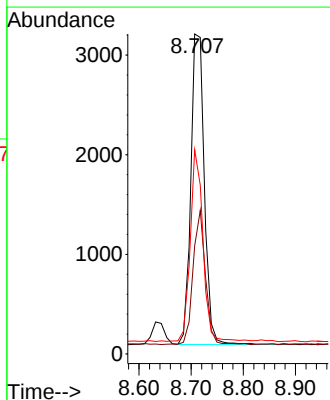
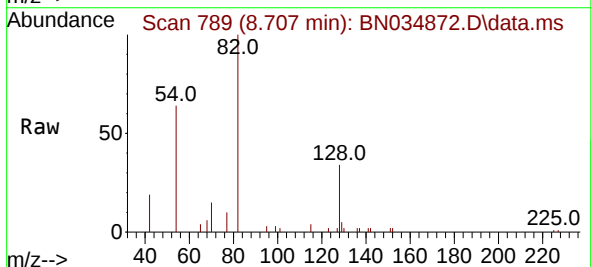
Manual Integrations
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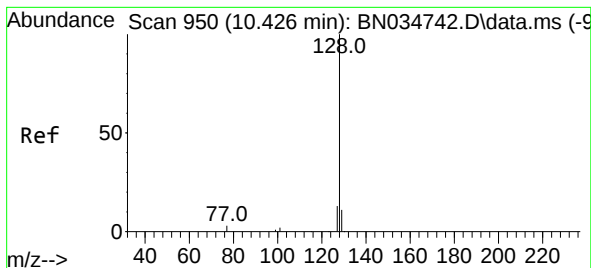
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#8
Nitrobenzene-d5
Concen: 0.374 ng
RT: 8.707 min Scan# 789
Delta R.T. -0.021 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07

Tgt Ion: 82 Resp: 5619
Ion Ratio Lower Upper
82 100
128 33.8 33.7 50.5
54 63.8 44.4 66.6





#9

Naphthalene

Concen: 0.217 ng

RT: 10.394 min Scan# 947

Delta R.T. -0.011 min

Lab File: BN034872.D

Acq: 06 Nov 2024 13:07

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024

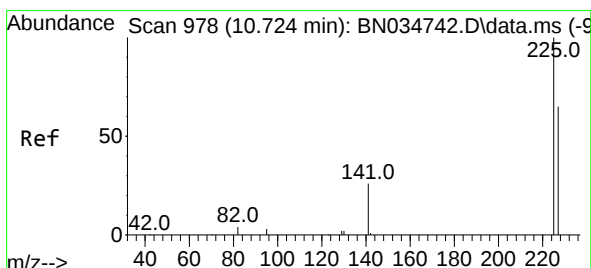
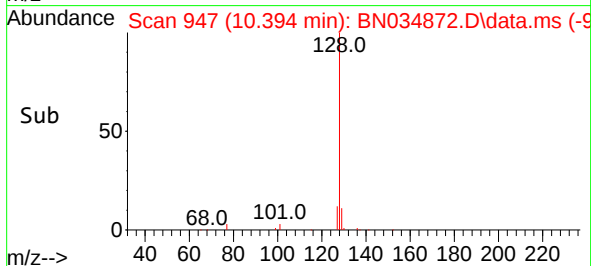
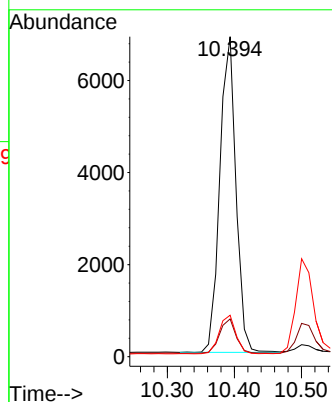
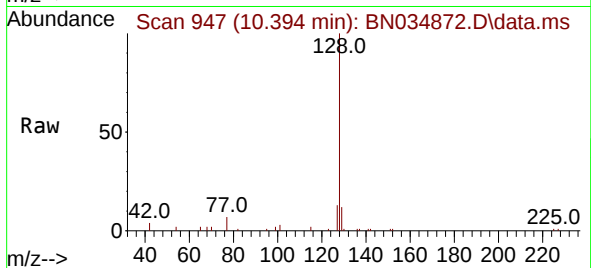
Tgt Ion:	128	Resp:	1146
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.4	14.0
127	12.9	10.6	15.8

Manual Integrations

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Reviewed By :Yogesh Patel 11/07/2024

Supervised By :mohammad ahmed 11/08/2024



#10

Hexachlorobutadiene

Concen: 0.203 ng

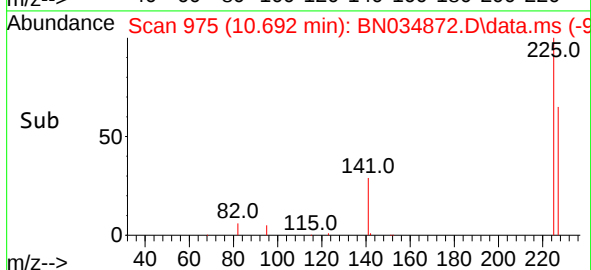
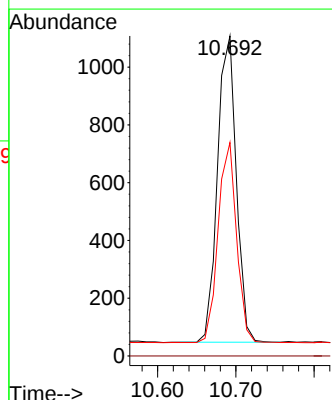
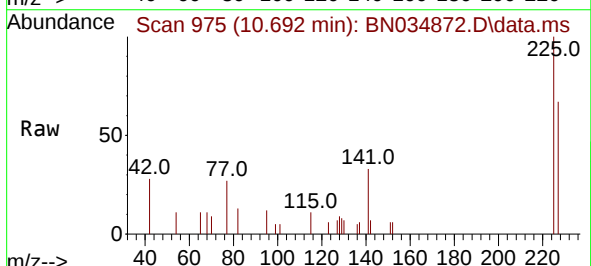
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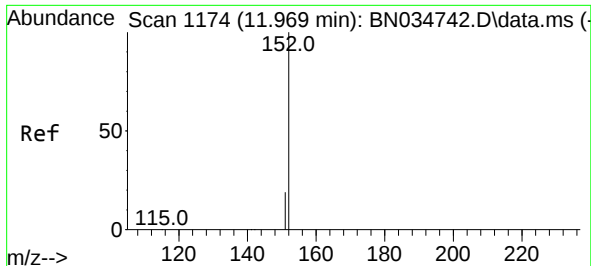
Delta R.T. -0.011 min

Lab File: BN034872.D

Acq: 06 Nov 2024 13:07

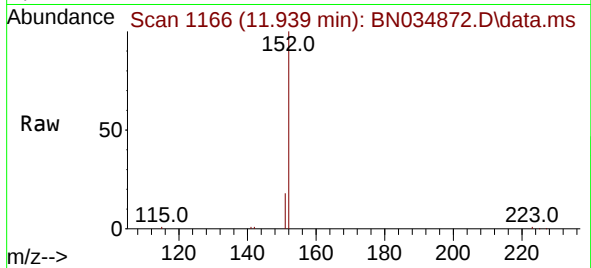
Tgt Ion:	225	Resp:	1771
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.4	51.4	77.2





#11
2-Methylnaphthalene-d10
Concen: 0.548 ng
RT: 11.939 min Scan# 1166
Delta R.T. -0.011 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07

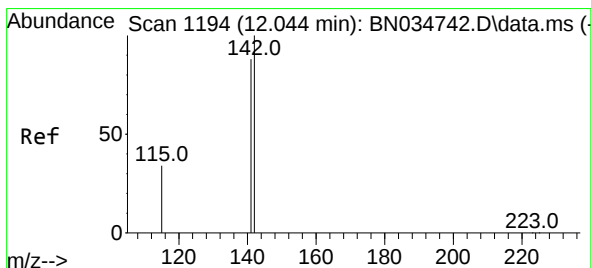
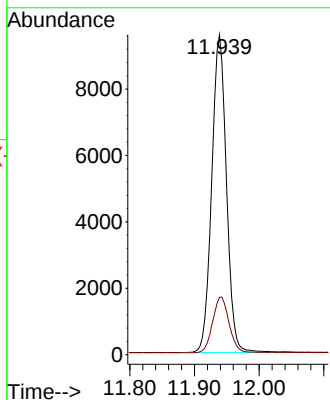
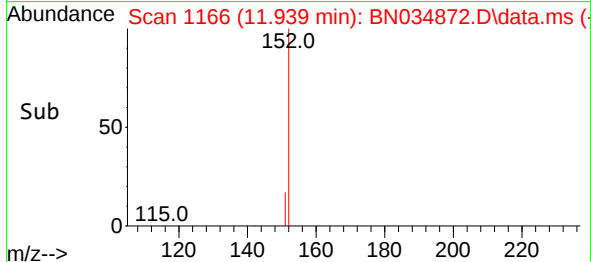
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:152 Resp: 15164
Ion Ratio Lower Upper
152 100
151 19.6 16.6 24.8

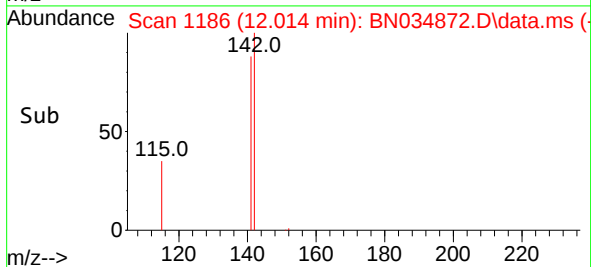
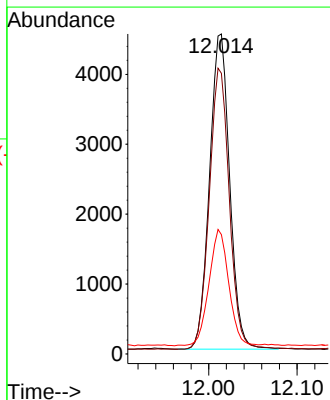
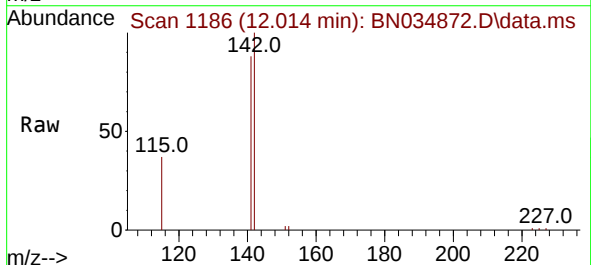
Manual Integrations
APPROVED

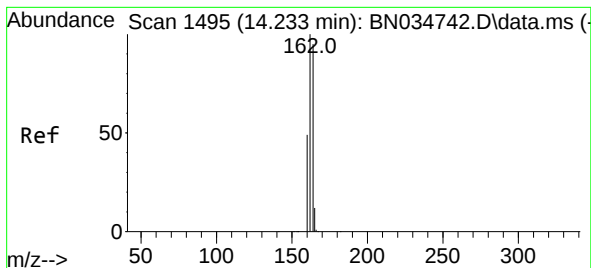
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#12
2-Methylnaphthalene
Concen: 0.207 ng
RT: 12.014 min Scan# 1186
Delta R.T. -0.011 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07

Tgt Ion:142 Resp: 7141
Ion Ratio Lower Upper
142 100
141 87.7 70.6 106.0
115 37.3 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: BN034872.D

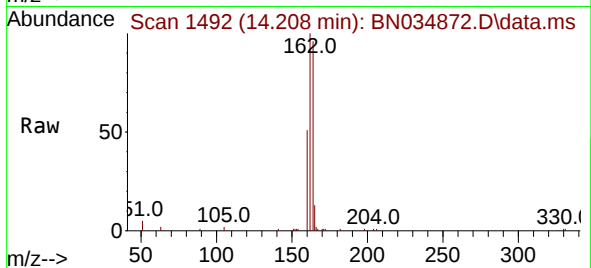
Acq: 06 Nov 2024 13:07

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:164 Resp: 973

Ion Ratio Lower Upper

164 100

162 104.6 84.3 126.5

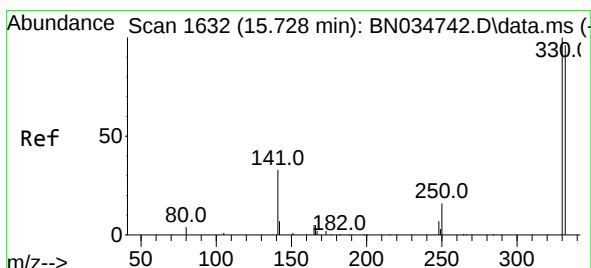
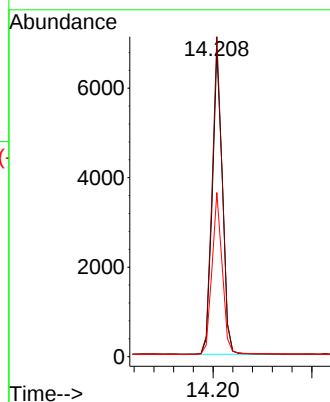
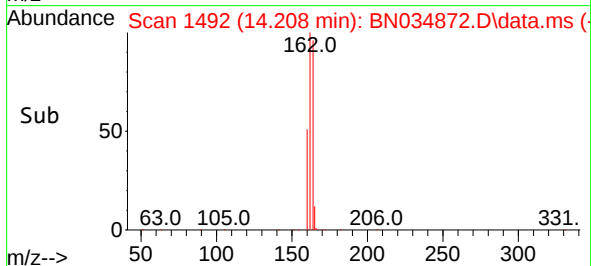
160 53.6 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/07/2024

Supervised By :mohammad ahmed 11/08/2024



#14

2,4,6-Tribromophenol

Concen: 0.178 ng

RT: 15.698 min Scan# 1629

Delta R.T. -0.018 min

Lab File: BN034872.D

Acq: 06 Nov 2024 13:07

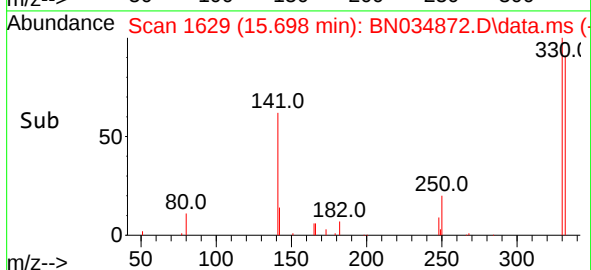
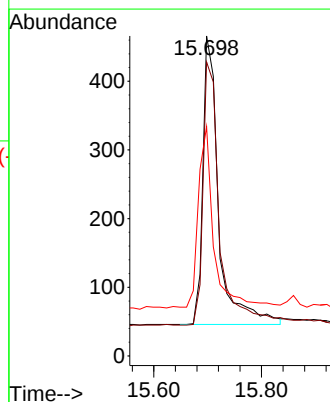
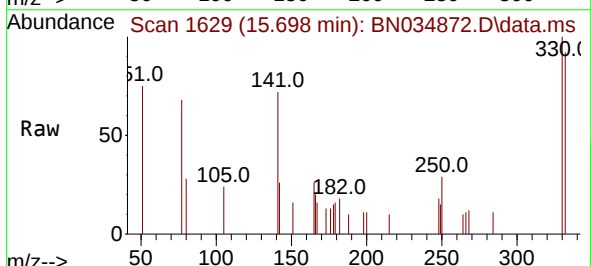
Tgt Ion:330 Resp: 855

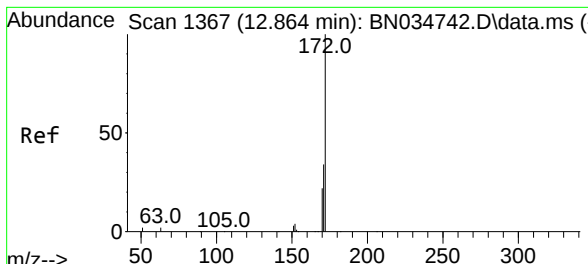
Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.6

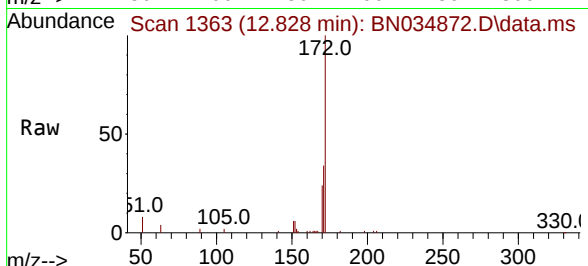
141 62.8 41.0 61.4#





#15
 2-Fluorobiphenyl
 Concen: 0.360 ng
 RT: 12.828 min Scan# 11
 Delta R.T. -0.015 min
 Lab File: BN034872.D
 Acq: 06 Nov 2024 13:07

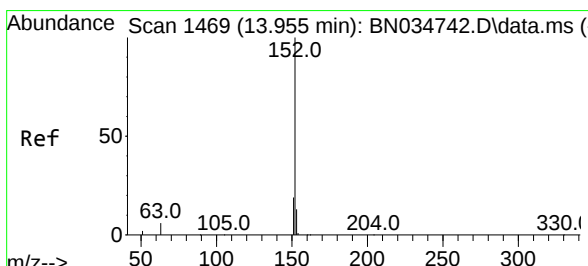
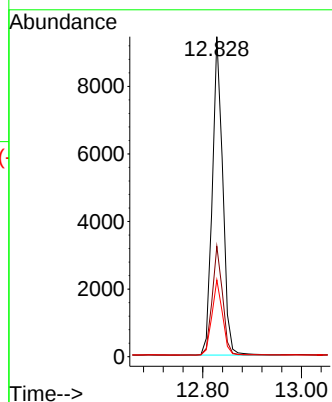
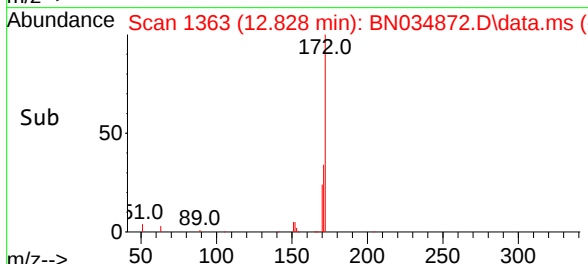
Instrument : BNA_N
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:	172	Resp:	1380
Ion Ratio	Lower	Upper	
172	100		
171	34.5	27.2	40.8
170	24.0	18.0	27.0

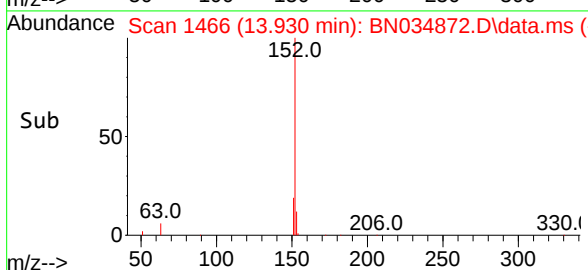
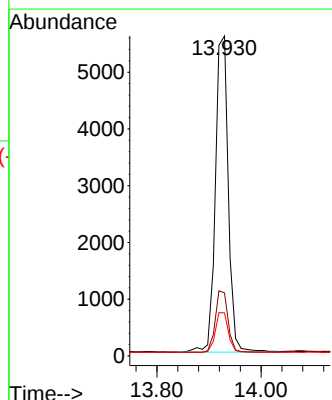
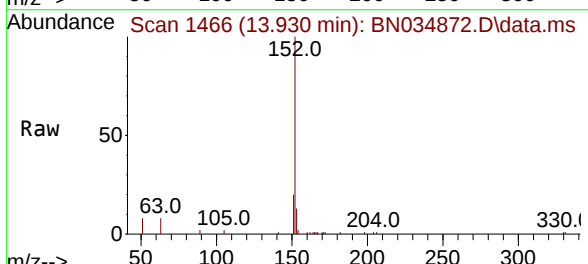
Manual Integrations
 APPROVED

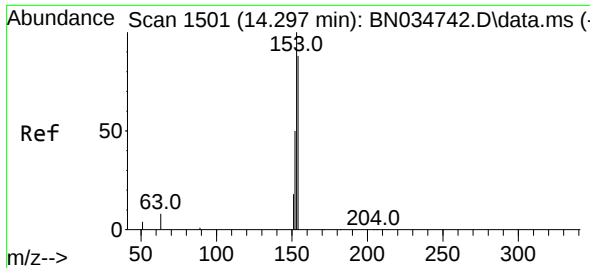
Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :mohammad ahmed 11/08/2024



#16
 Acenaphthylene
 Concen: 0.196 ng
 RT: 13.930 min Scan# 1466
 Delta R.T. -0.004 min
 Lab File: BN034872.D
 Acq: 06 Nov 2024 13:07

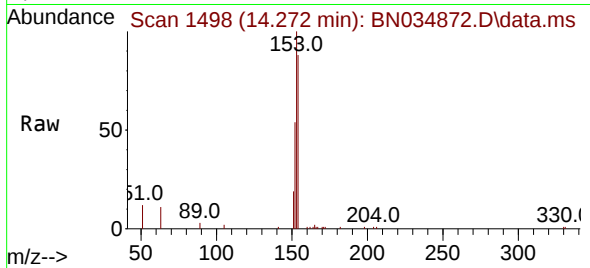
Tgt Ion:	152	Resp:	9589
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.4	23.2
153	12.8	10.2	15.4





#17
Acenaphthene
Concen: 0.200 ng
RT: 14.272 min Scan# 1498
Delta R.T. -0.015 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07

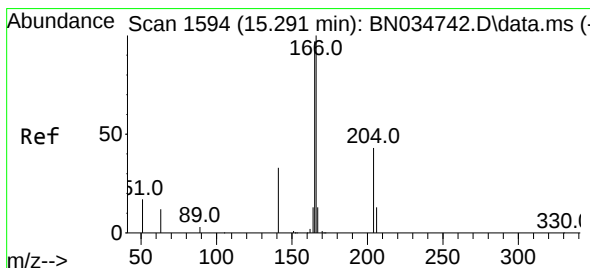
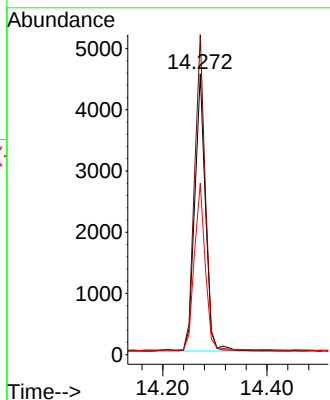
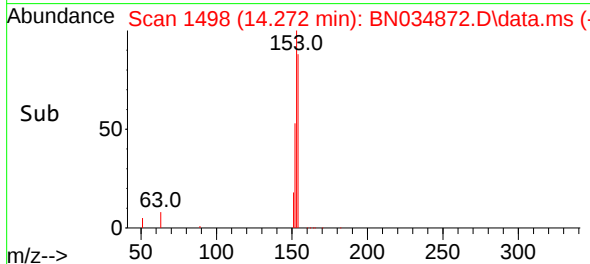
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



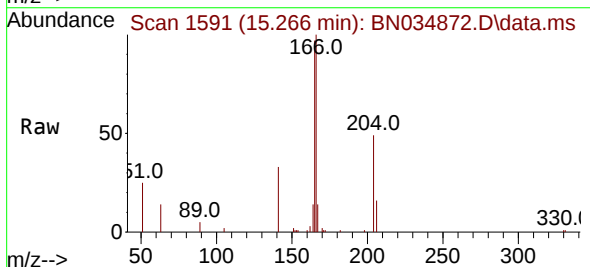
Tgt Ion:154 Resp: 6498
Ion Ratio Lower Upper
154 100
153 113.2 87.8 131.6
152 61.2 44.6 67.0

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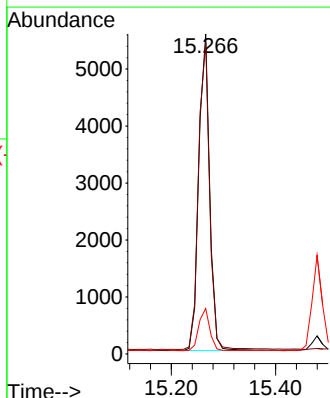
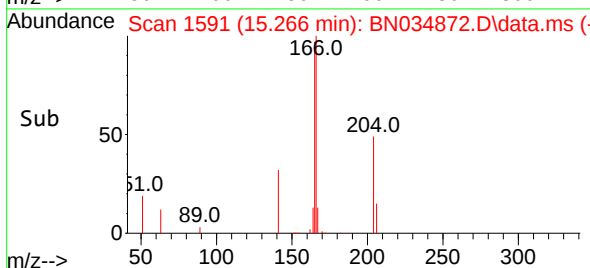
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024

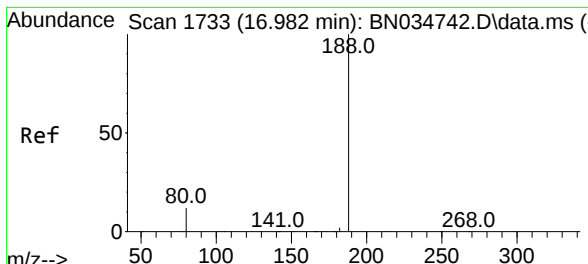


#18
Fluorene
Concen: 0.199 ng
RT: 15.266 min Scan# 1591
Delta R.T. -0.004 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07



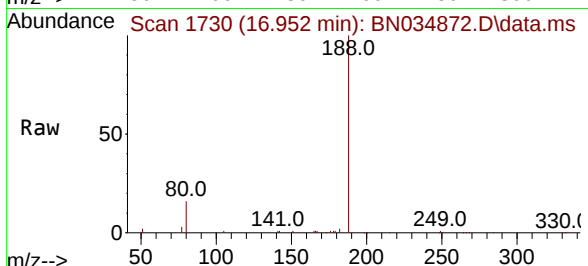
Tgt Ion:166 Resp: 8060
Ion Ratio Lower Upper
166 100
165 98.8 78.5 117.7
167 13.3 10.8 16.2





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.952 min Scan# 11
Delta R.T. -0.018 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07

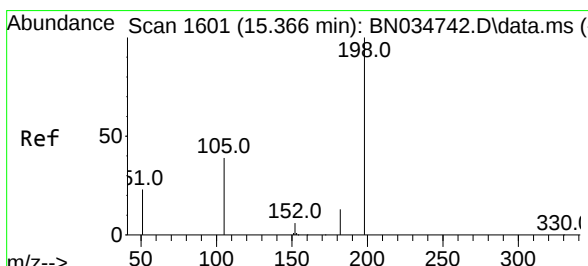
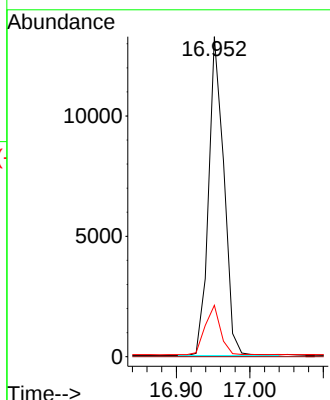
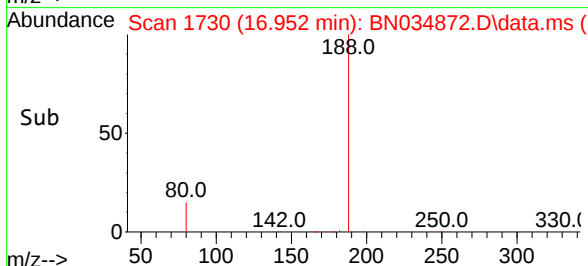
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



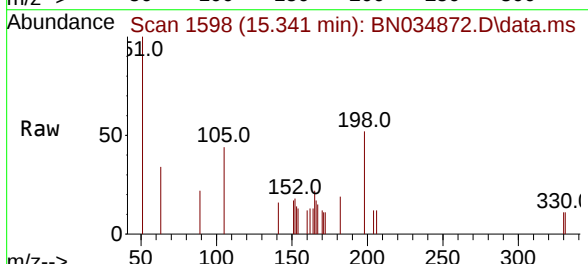
Tgt Ion:188 Resp: 1918
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.1 9.8 14.6

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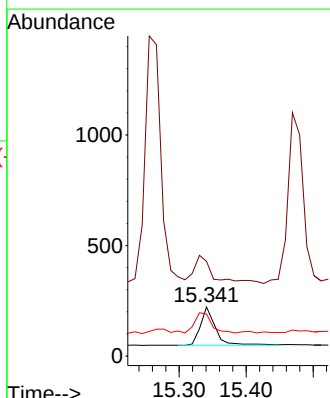
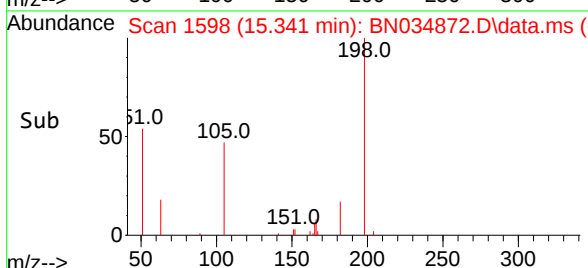
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024

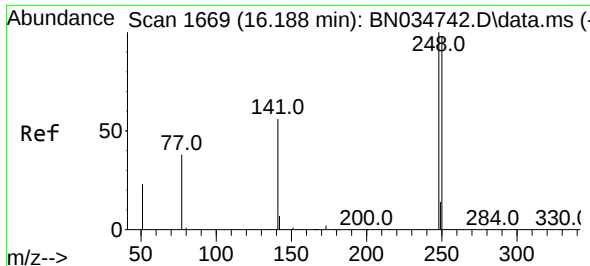


#20
4,6-Dinitro-2-methylphenol
Concen: 0.253 ng
RT: 15.341 min Scan# 1598
Delta R.T. -0.015 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07



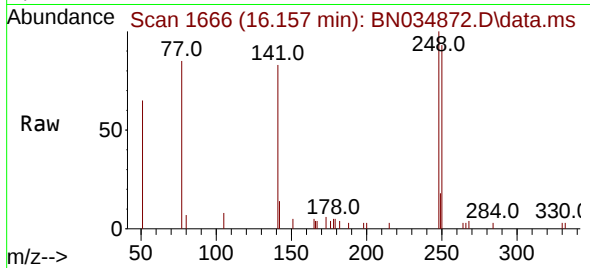
Tgt Ion:198 Resp: 269
Ion Ratio Lower Upper
198 100
51 192.8 58.0 87.0#
105 85.6 49.1 73.7#





#21
4-Bromophenyl-phenylether
Concen: 0.195 ng
RT: 16.157 min Scan# 1666
Delta R.T. -0.018 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07

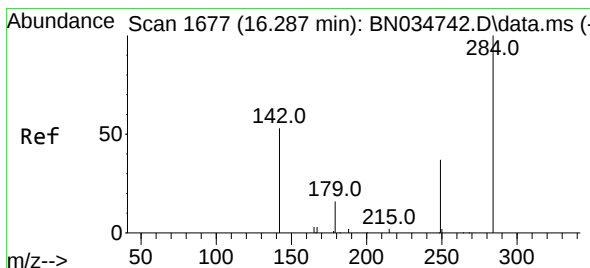
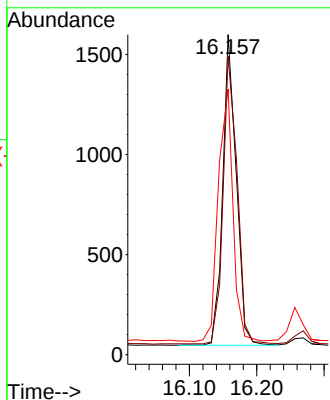
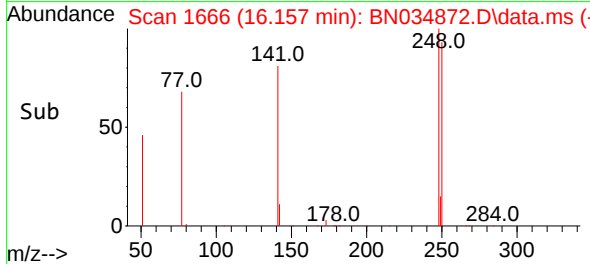
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:248 Resp: 2160
Ion Ratio Lower Upper
248 100
250 93.2 78.7 118.1
141 83.0 46.4 69.6

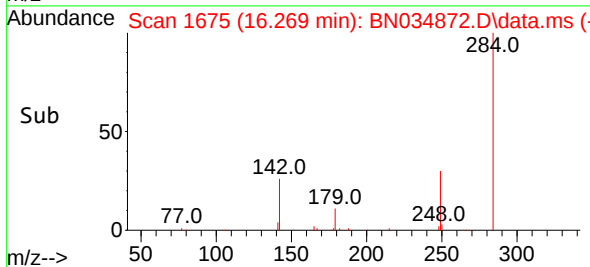
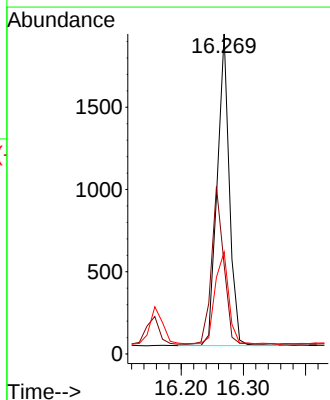
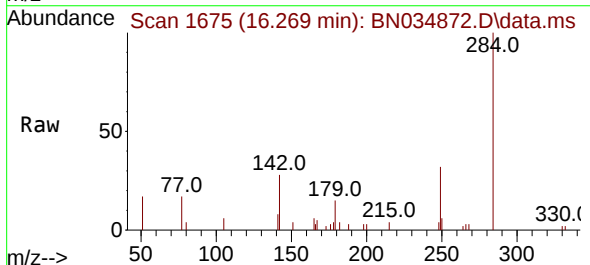
Manual Integrations
APPROVED

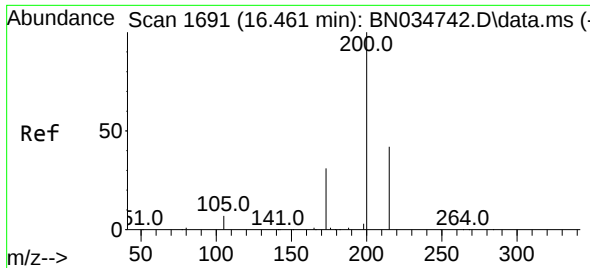
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#22
Hexachlorobenzene
Concen: 0.207 ng
RT: 16.269 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07

Tgt Ion:284 Resp: 2568
Ion Ratio Lower Upper
284 100
142 51.0 35.4 53.0
249 33.8 25.7 38.5





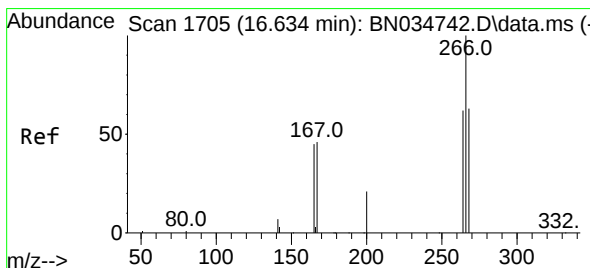
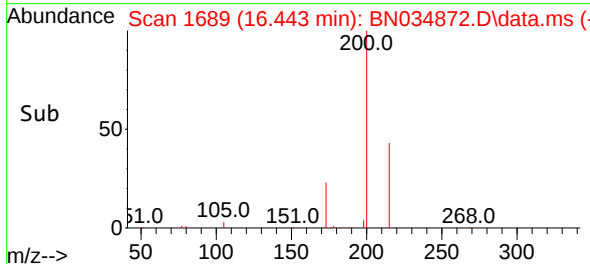
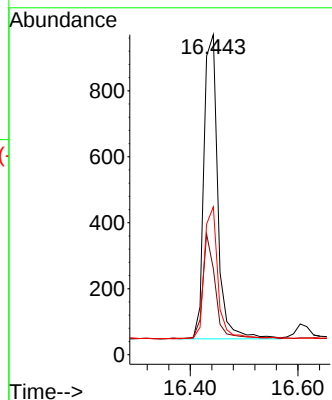
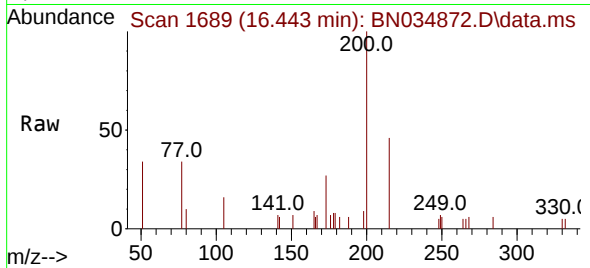
#23
 Atrazine
 Concen: 0.174 ng
 RT: 16.443 min Scan# 1689
 Delta R.T. -0.006 min
 Lab File: BN034872.D
 Acq: 06 Nov 2024 13:07

Instrument : BNA_N
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2024

Tgt Ion:	200	Resp:	166
Ion Ratio	Lower	Upper	
200	100		
173	26.9	25.8	38.6
215	46.2	34.2	51.4

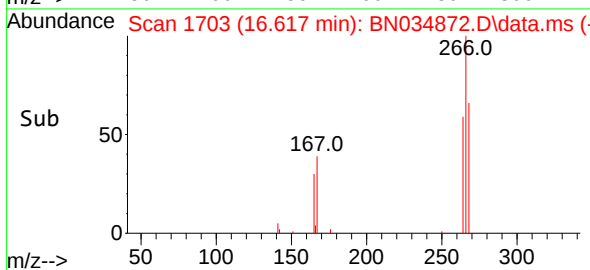
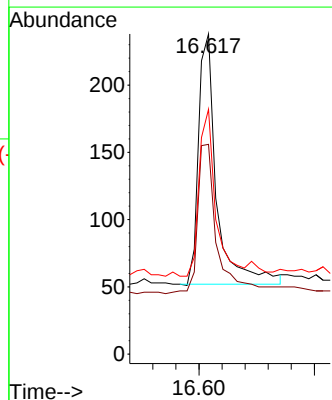
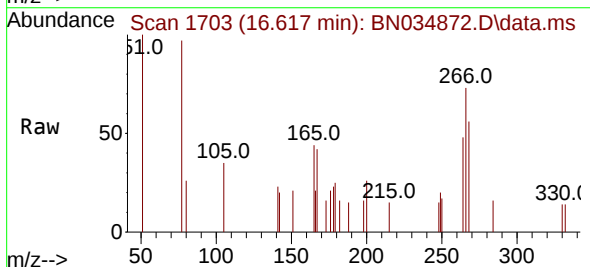
Manual Integrations
 APPROVED

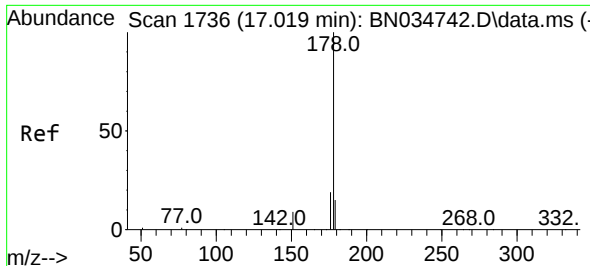
Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :mohammad ahmed 11/08/2024



#24
 Pentachlorophenol
 Concen: 0.076 ng
 RT: 16.617 min Scan# 1703
 Delta R.T. -0.006 min
 Lab File: BN034872.D
 Acq: 06 Nov 2024 13:07

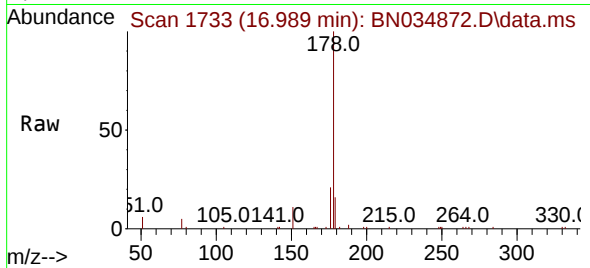
Tgt Ion:	266	Resp:	407
Ion Ratio	Lower	Upper	
266	100		
264	65.4	48.7	73.1
268	60.2	50.2	75.4





#25
Phenanthrene
Concen: 0.227 ng
RT: 16.989 min Scan# 1740
Delta R.T. -0.018 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07

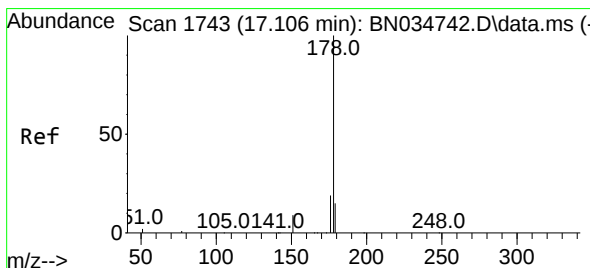
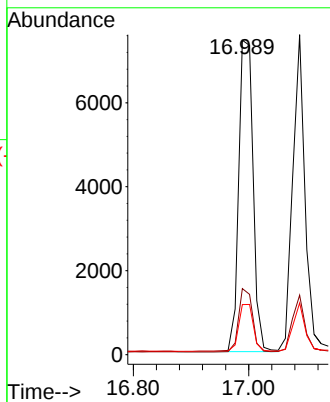
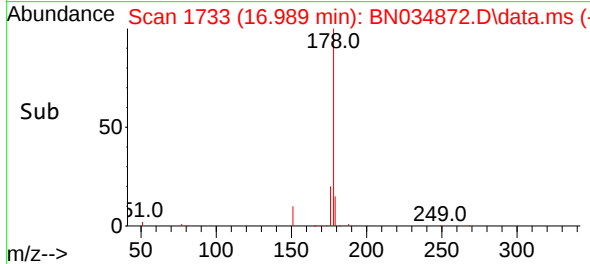
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:178 Resp: 12789
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.3 12.2 18.4

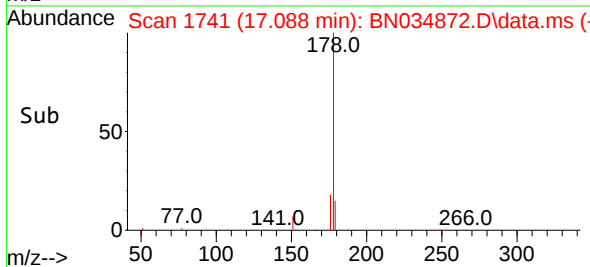
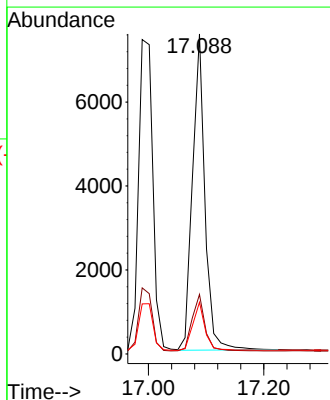
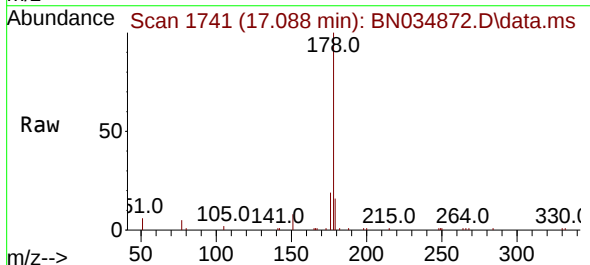
Manual Integrations
APPROVED

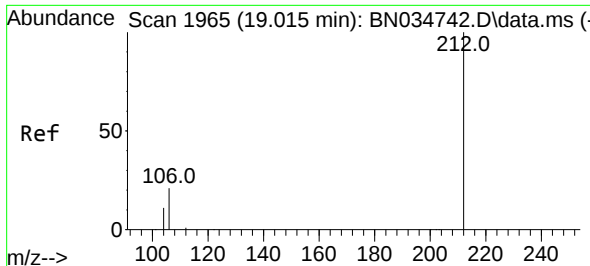
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#26
Anthracene
Concen: 0.213 ng
RT: 17.088 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07

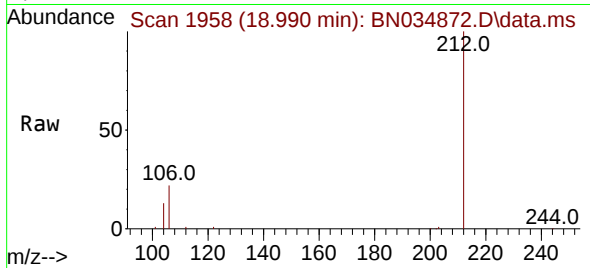
Tgt Ion:178 Resp: 11270
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.1 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.590 ng
RT: 18.990 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07

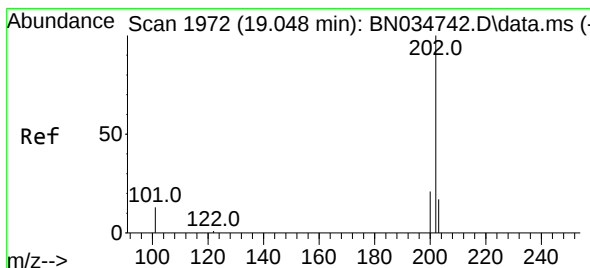
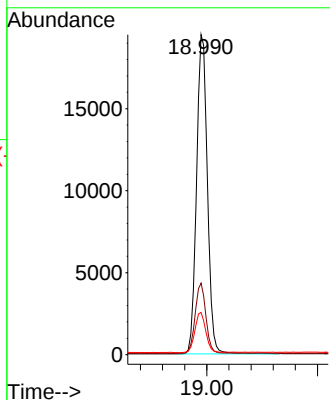
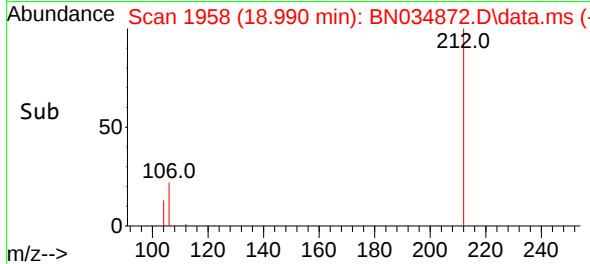
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:212 Resp: 26530
Ion Ratio Lower Upper
212 100
106 21.6 16.1 24.1
104 12.8 9.2 13.8

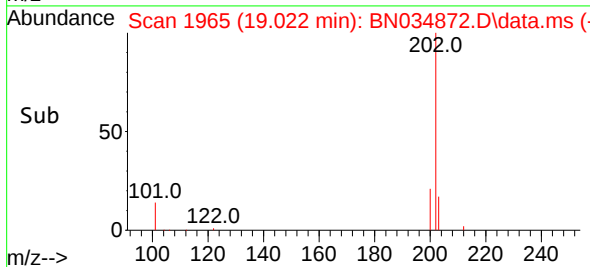
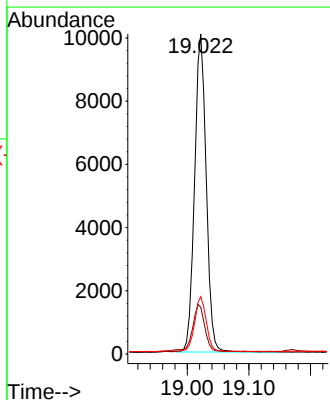
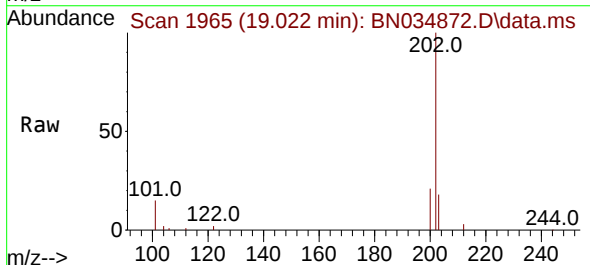
Manual Integrations
APPROVED

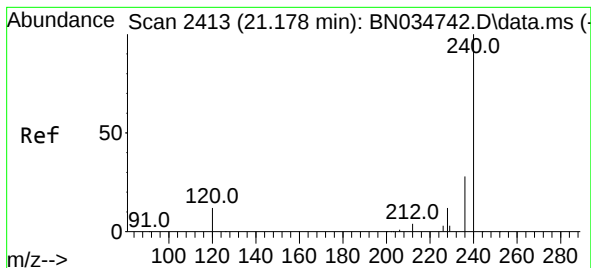
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#28
Fluoranthene
Concen: 0.213 ng
RT: 19.022 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07

Tgt Ion:202 Resp: 13233
Ion Ratio Lower Upper
202 100
101 15.9 11.4 17.0
203 17.3 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.149 min Scan# 2408

Delta R.T. -0.011 min

Lab File: BN034872.D

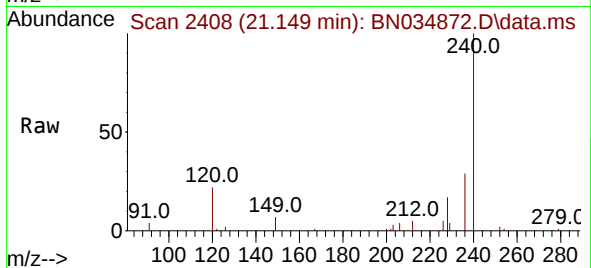
Acq: 06 Nov 2024 13:07

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024



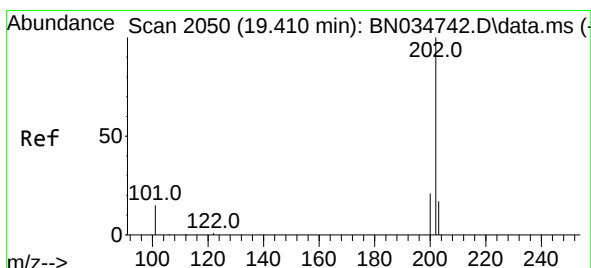
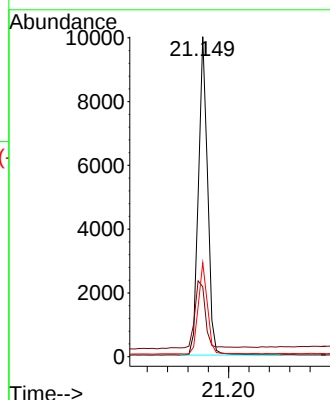
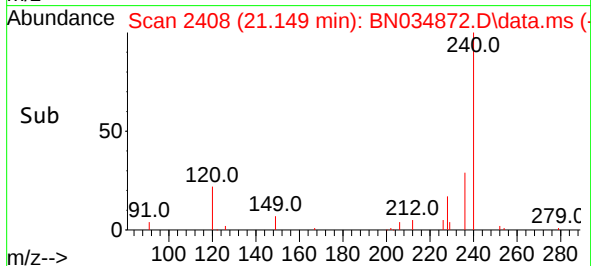
Tgt Ion:	240	Resp:	1242
Ion Ratio	Lower	Upper	
240	100		
120	21.8	11.5	17.3
236	29.4	23.2	34.8

Manual Integrations

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Reviewed By :Yogesh Patel 11/07/2024

Supervised By :mohammad ahmed 11/08/2024



#30

Pyrene

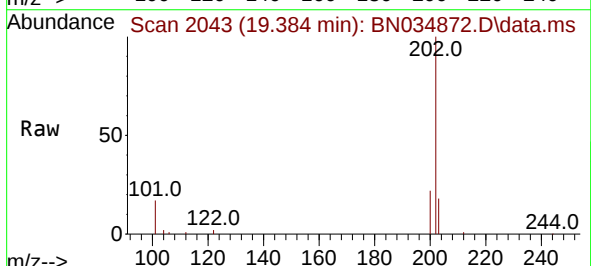
Concen: 0.203 ng

RT: 19.384 min Scan# 2043

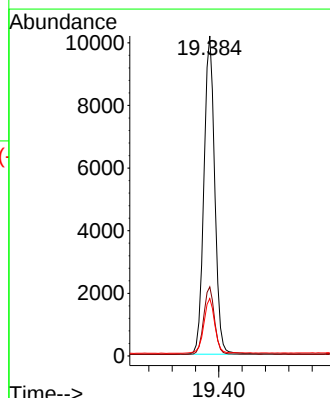
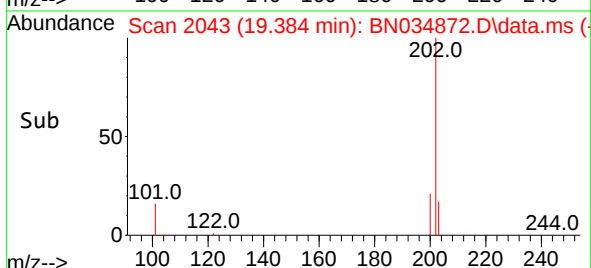
Delta R.T. -0.012 min

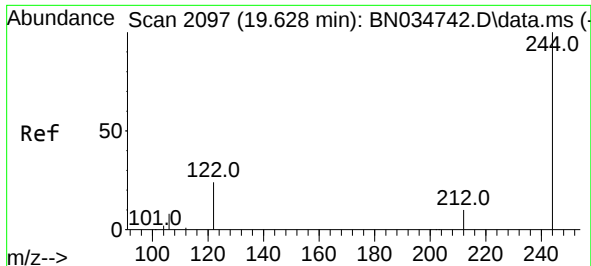
Lab File: BN034872.D

Acq: 06 Nov 2024 13:07



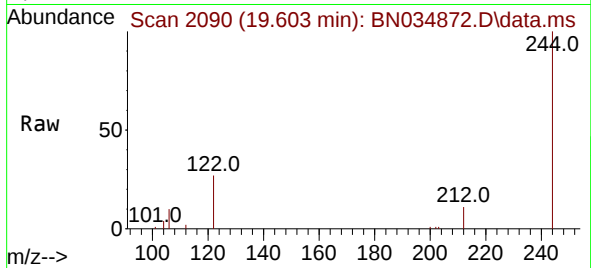
Tgt Ion:	202	Resp:	13175
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.0	25.4
203	17.6	14.2	21.2





#31
 Terphenyl-d14
 Concen: 0.332 ng
 RT: 19.603 min Scan# 2406
 Delta R.T. -0.012 min
 Lab File: BN034872.D
 Acq: 06 Nov 2024 13:07

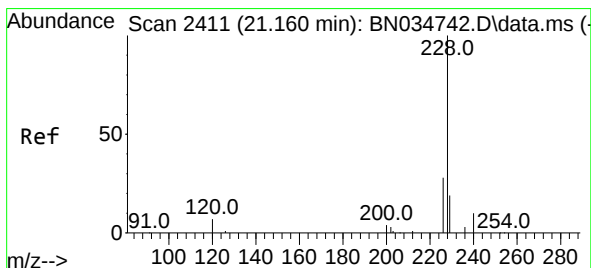
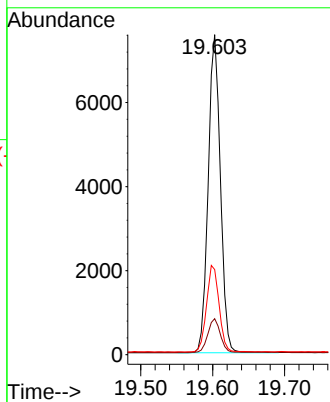
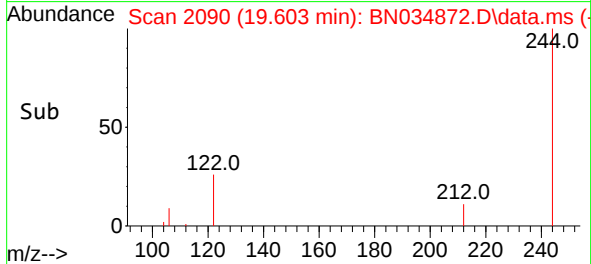
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024



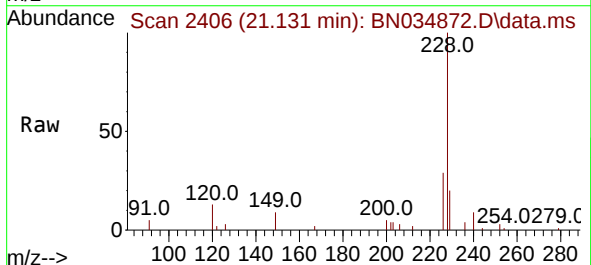
Tgt Ion:244 Resp: 8870
 Ion Ratio Lower Upper
 244 100
 212 11.3 8.2 12.4
 122 26.6 19.8 29.6

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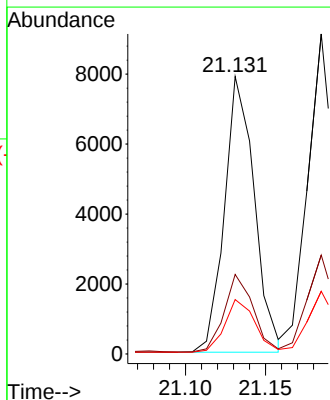
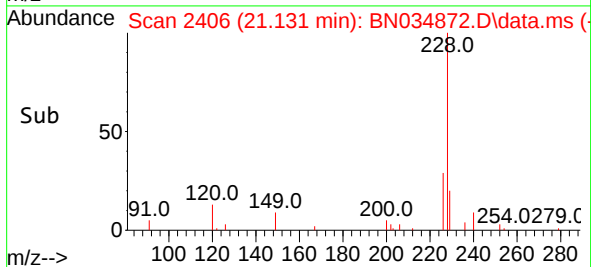
Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :mohammad ahmed 11/08/2024

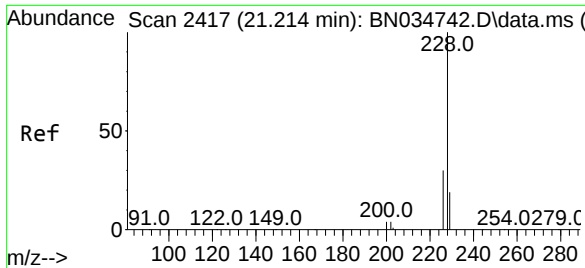


#32
 Benzo(a)anthracene
 Concen: 0.207 ng
 RT: 21.131 min Scan# 2406
 Delta R.T. -0.011 min
 Lab File: BN034872.D
 Acq: 06 Nov 2024 13:07



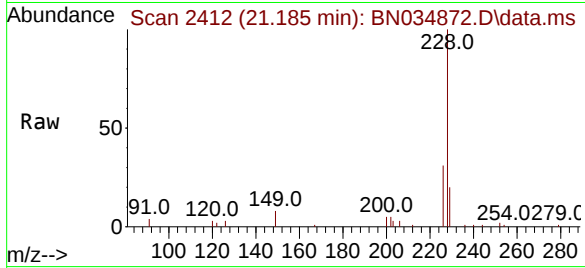
Tgt Ion:228 Resp: 10239
 Ion Ratio Lower Upper
 228 100
 226 28.6 22.6 33.8
 229 19.6 15.7 23.5





#33
Chrysene
Concen: 0.229 ng
RT: 21.185 min Scan# 2417
Delta R.T. -0.011 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07

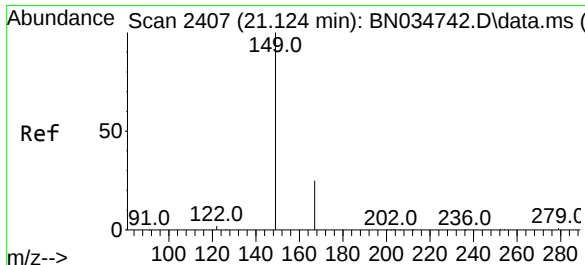
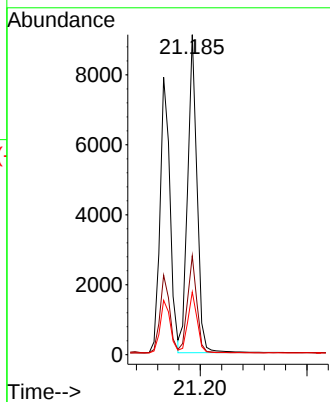
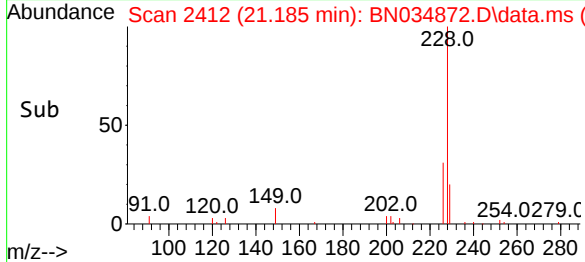
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



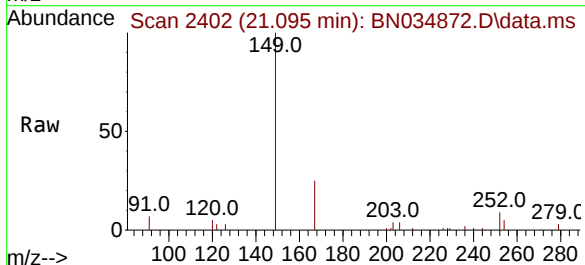
Tgt Ion:228 Resp: 11085
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 19.6 15.6 23.4

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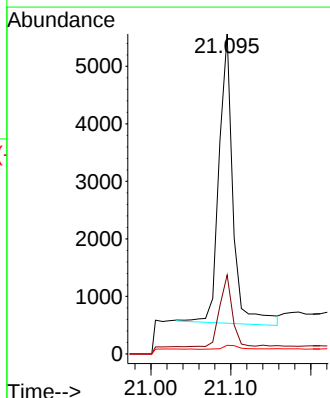
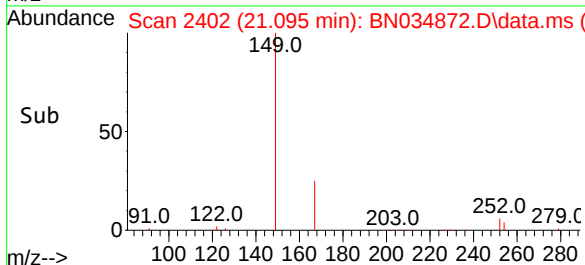
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024

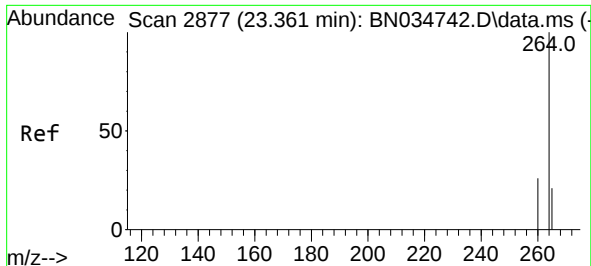


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.148 ng m
RT: 21.095 min Scan# 2402
Delta R.T. -0.011 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07



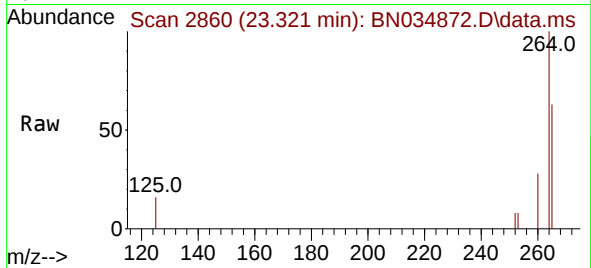
Tgt Ion:149 Resp: 6110
Ion Ratio Lower Upper
149 100
167 22.1 20.6 30.8
279 1.7 1.5 2.3





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.321 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BN034872.D
 Acq: 06 Nov 2024 13:07

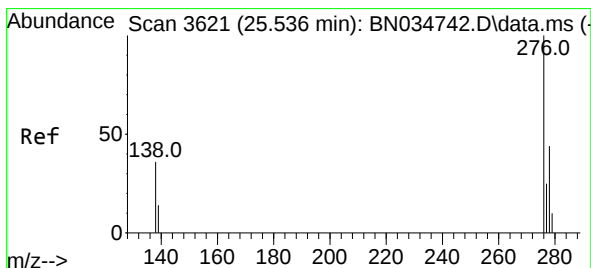
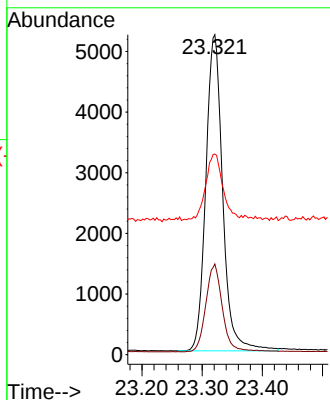
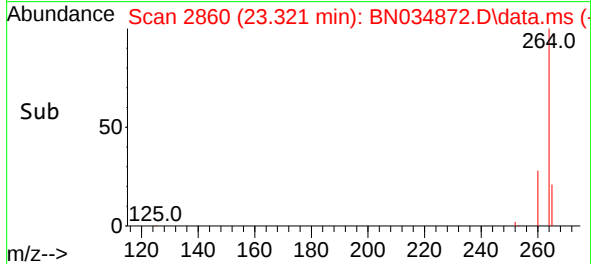
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:264 Resp: 1013
 Ion Ratio Lower Upper
 264 100
 260 28.4 21.5 32.3
 265 62.7 47.5 71.3

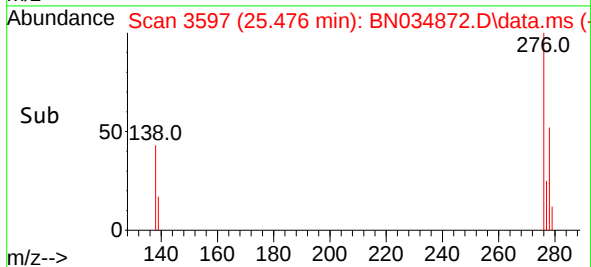
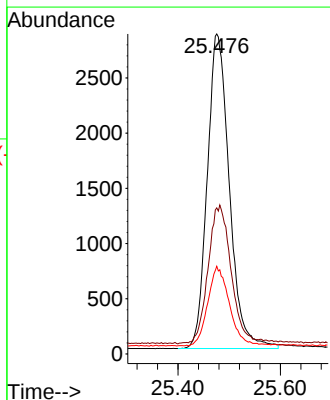
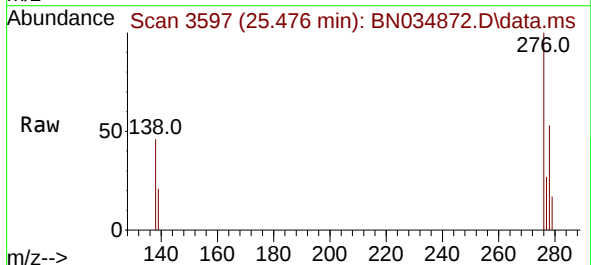
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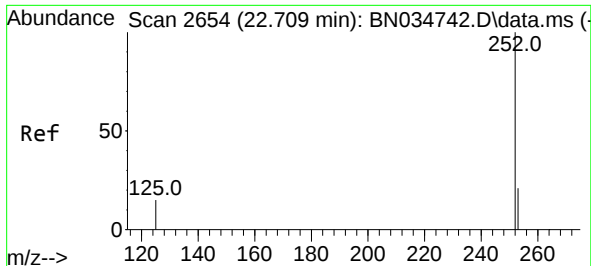
Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :mohammad ahmed 11/08/2024



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.230 ng
 RT: 25.476 min Scan# 3597
 Delta R.T. -0.029 min
 Lab File: BN034872.D
 Acq: 06 Nov 2024 13:07

Tgt Ion:276 Resp: 8567
 Ion Ratio Lower Upper
 276 100
 138 45.8 31.5 47.3
 277 24.5 19.7 29.5





#37

Benzo(b)fluoranthene

Concen: 0.243 ng

RT: 22.675 min Scan# 2639

Delta R.T. -0.014 min

Lab File: BN034872.D

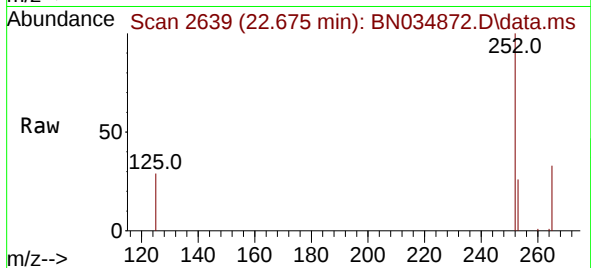
Acq: 06 Nov 2024 13:07

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2024



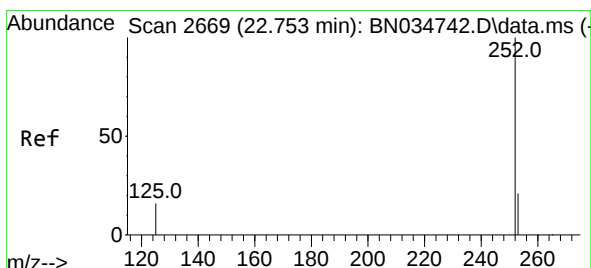
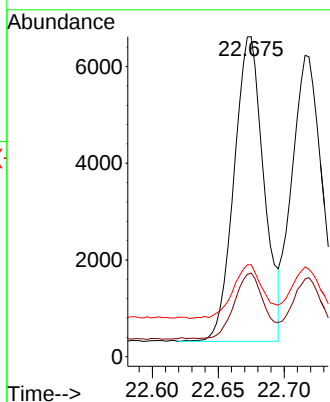
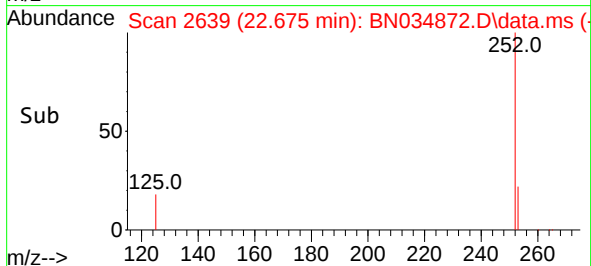
Tgt Ion:252	Resp:	990
Ion Ratio	Lower	Upper
252	100	
253	26.1	19.7 29.5
125	28.8	17.1 25.7

Manual Integrations

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Reviewed By :Yogesh Patel 11/07/2024

Supervised By :mohammad ahmed 11/08/2024



#38

Benzo(k)fluoranthene

Concen: 0.240 ng

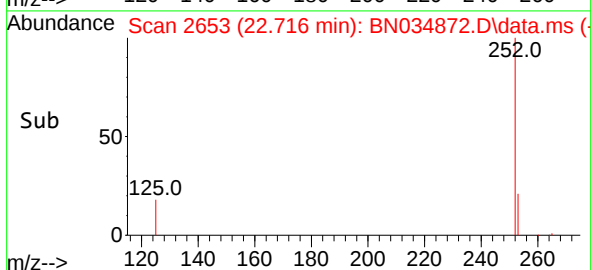
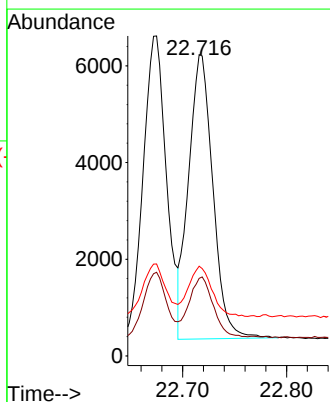
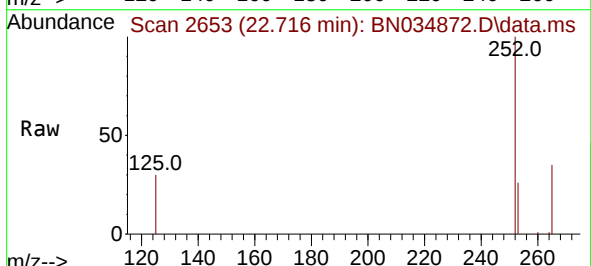
RT: 22.716 min Scan# 2653

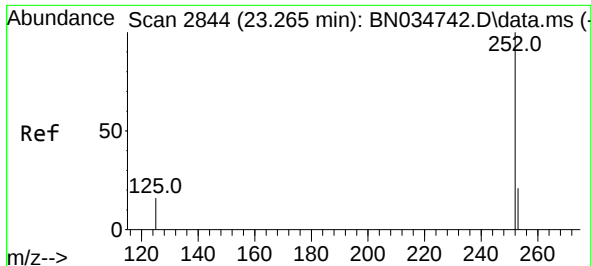
Delta R.T. -0.014 min

Lab File: BN034872.D

Acq: 06 Nov 2024 13:07

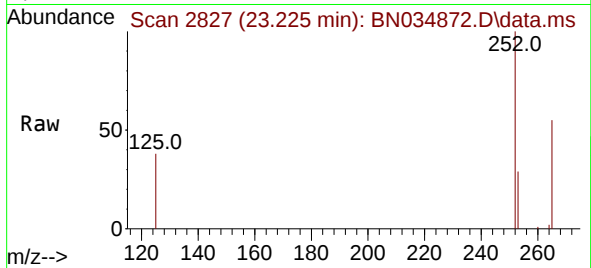
Tgt Ion:252	Resp:	9553
Ion Ratio	Lower	Upper
252	100	
253	25.8	19.8 29.6
125	29.8	18.2 27.2





#39
Benzo(a)pyrene
Concen: 0.219 ng
RT: 23.225 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07

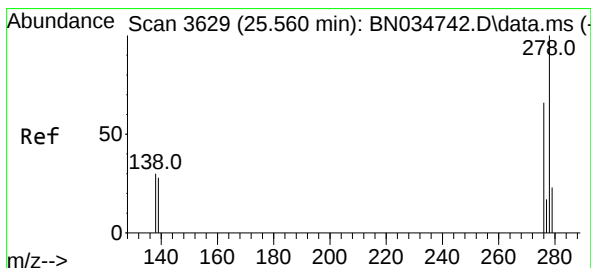
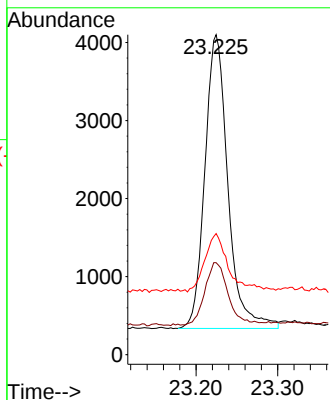
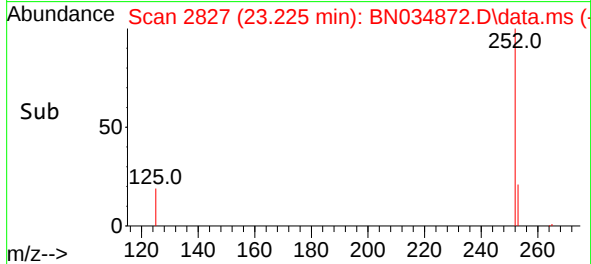
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



Tgt Ion:252 Resp: 7369
Ion Ratio Lower Upper
252 100
253 28.8 20.7 31.1
125 37.8 20.3 30.5

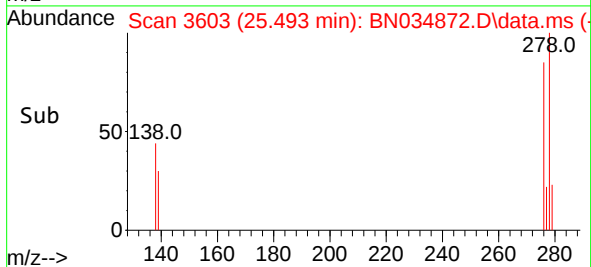
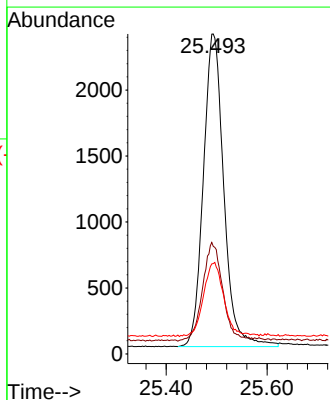
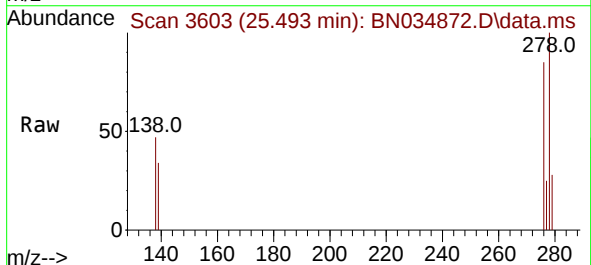
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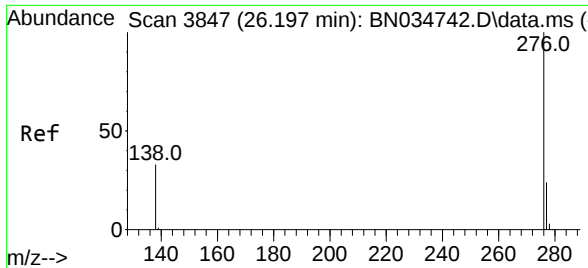
Reviewed By :Yogesh Patel 11/07/2024
Supervised By :mohammad ahmed 11/08/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.229 ng
RT: 25.493 min Scan# 3603
Delta R.T. -0.032 min
Lab File: BN034872.D
Acq: 06 Nov 2024 13:07

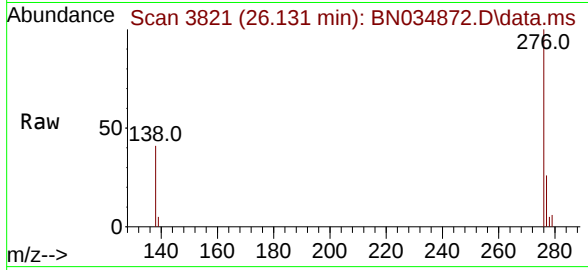
Tgt Ion:278 Resp: 6672
Ion Ratio Lower Upper
278 100
139 33.6 24.9 37.3
279 28.2 21.0 31.4





#41
 Benzo(g,h,i)perylene
 Concen: 0.233 ng
 RT: 26.131 min Scan# 3821
 Delta R.T. -0.034 min
 Lab File: BN034872.D
 Acq: 06 Nov 2024 13:07

Instrument : BNA_N
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2024



Tgt Ion: 276 Resp: 7338

Ion	Ratio	Lower	Upper
276	100		
277	26.0	20.2	30.2
138	41.0	28.7	43.1

Manual Integrations
 APPROVED

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

